SPECIAL PUBLICATION SJ2004-SP43

SEDIMENT QUALITY OF THE LOWER ST. JOHNS RIVER AND CEDAR-ORTEGA RIVER BASIN: CHEMICAL CONTAMINANT CHARACTERISTICS

APPENDIX

SEDIMENT QUALITY OF THE LOWER ST. JOHNS RIVER AND CEDAR-ORTEGA RIVER BASIN:

CHEMICAL CONTAMINANT CHARACTERISTICS

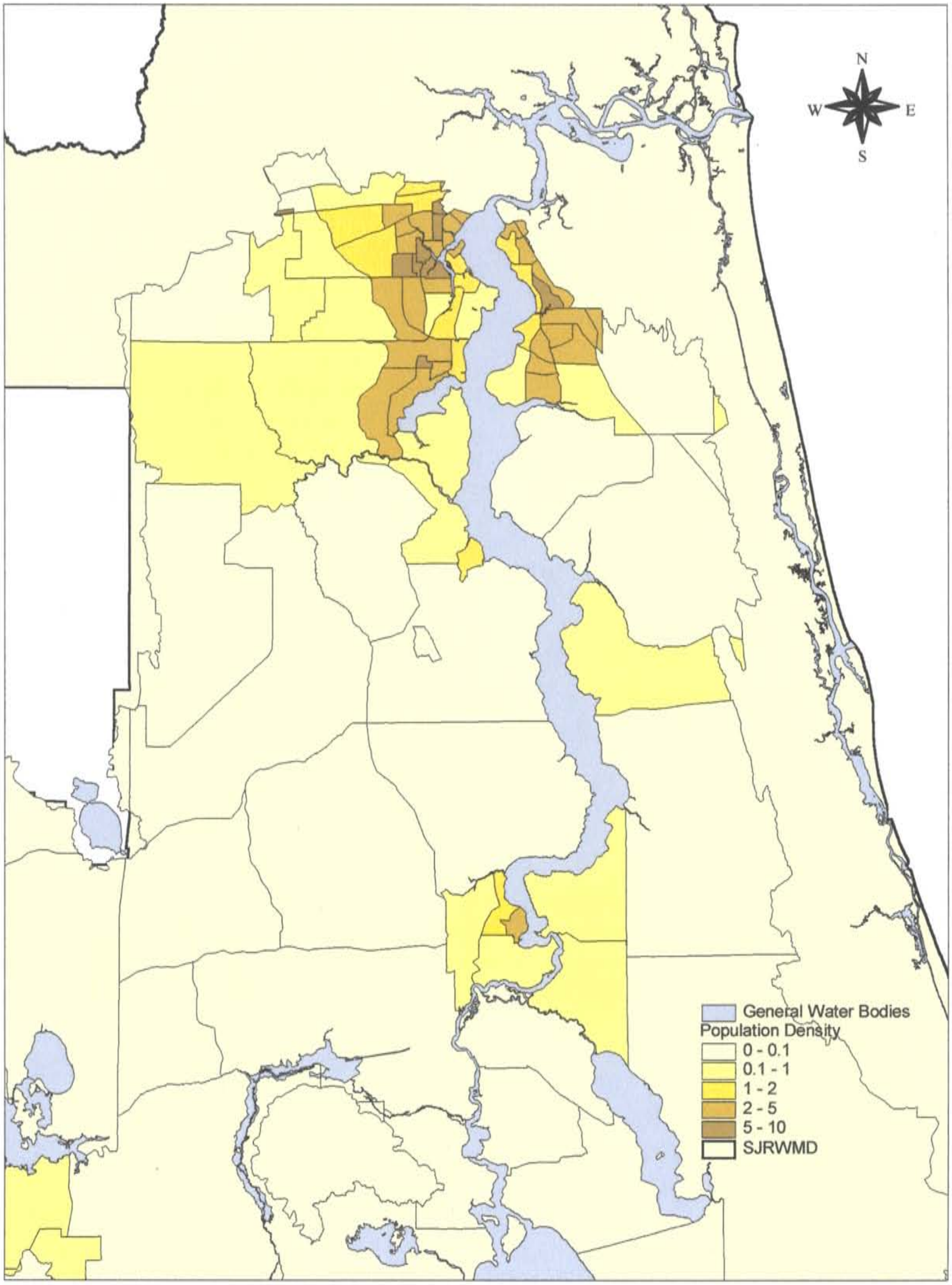
ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

APPENDICES

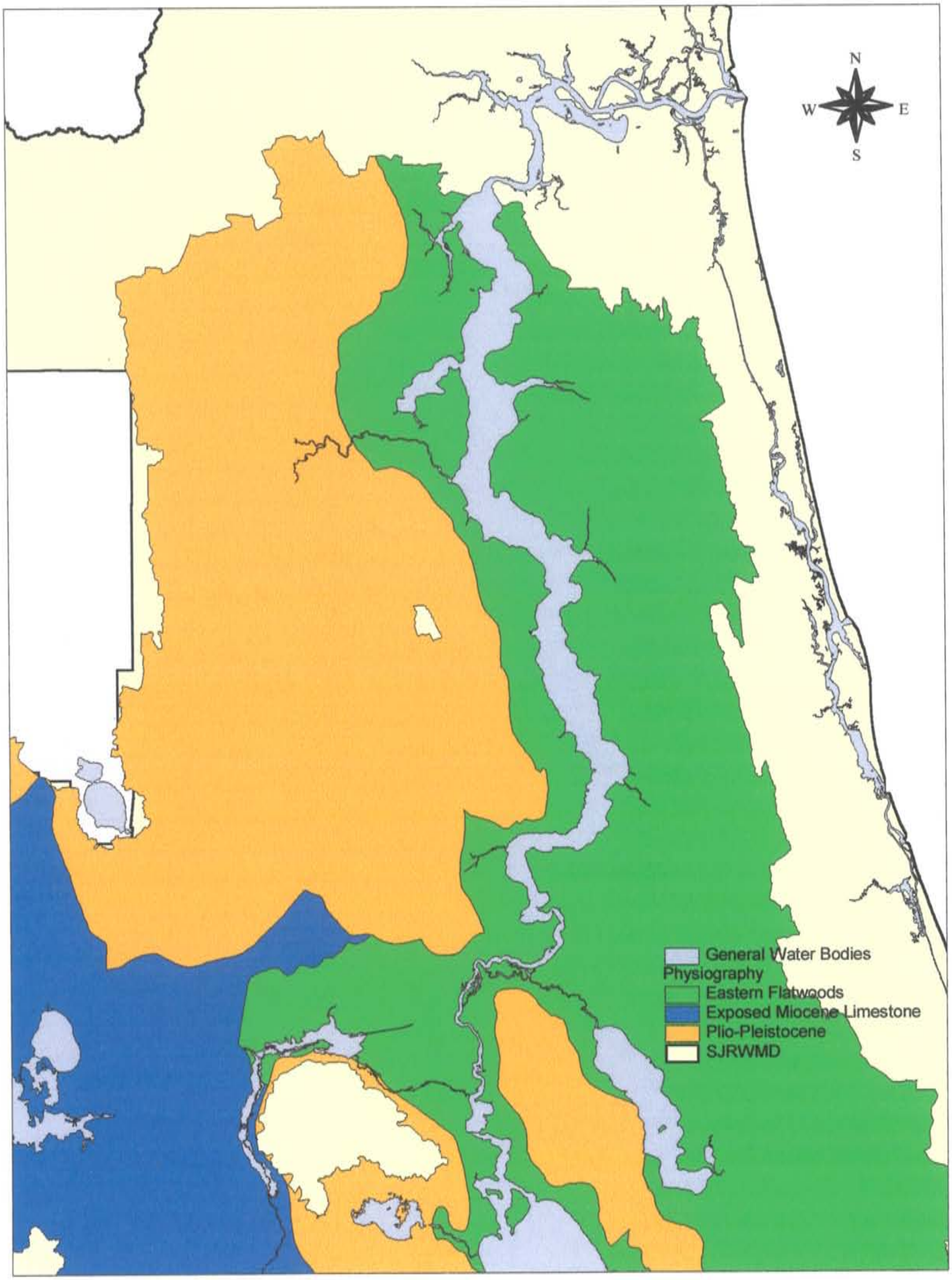
FINAL REPORT

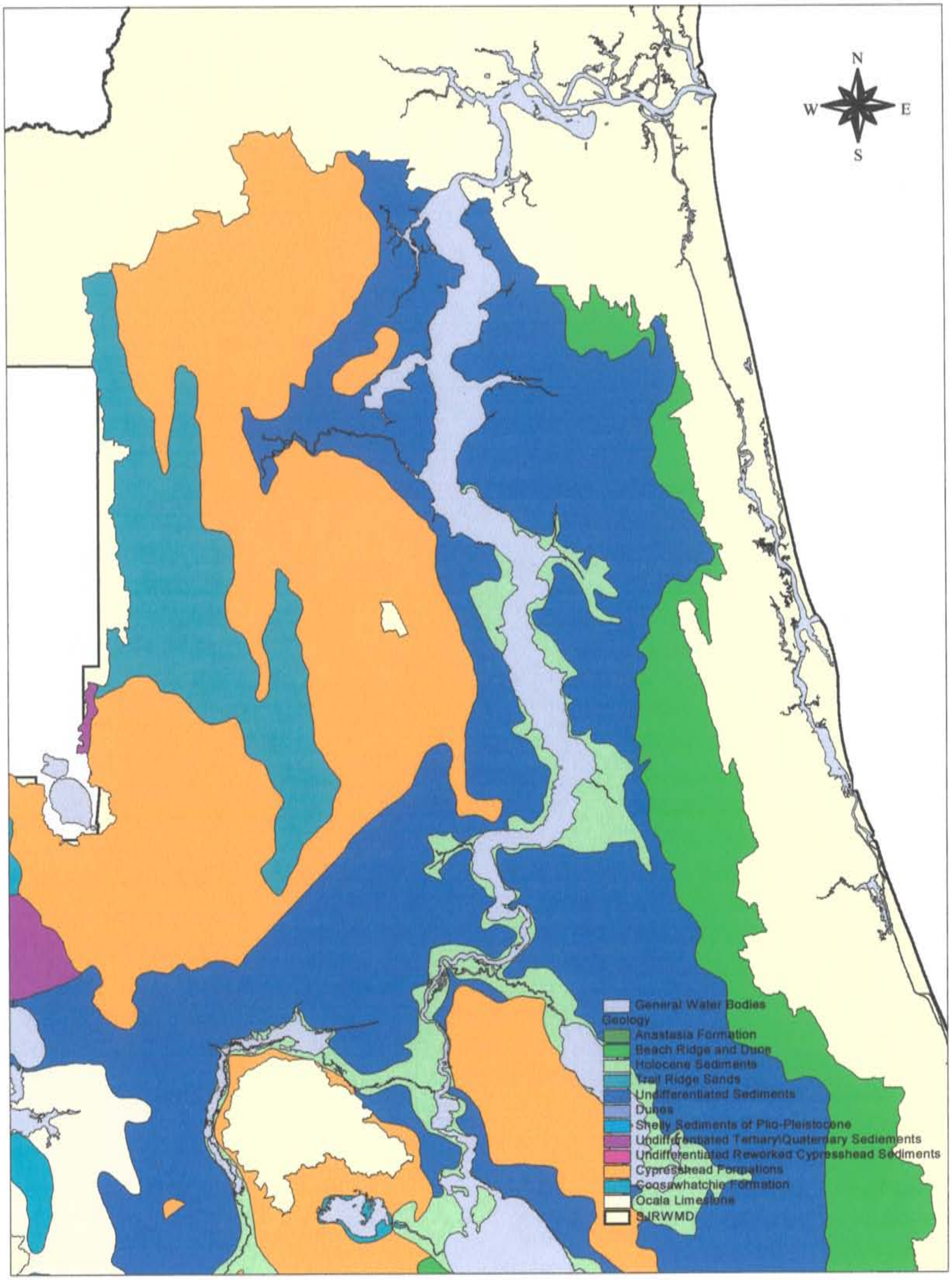
MAY, 2004

Appendix A. General Information Maps



N
W
E
S
General Water Bodies
Population Density
0 - 0.1
0.1 - 1
1 - 2
2 - 5
5 - 10
SJRWMD


N
W
E
S
General Water Bodies
Physiography
Eastern Flatwoods
Exposed Miocene Limestone
Plio-Pleistocene
SJRWMD


N
W
E
S
General Water Bodies
Geology
Anastasia Formation
Beach Ridge and Dune
Holocene Sediments
Trail Ridge Sands
Undifferentiated Sediments
Dunes
Shelly Sediments of Plio-Pleistocene
Undifferentiated Tertiary\Quaternary Sediements
Undifferentiated Reworked Cypresshead Sediments
Cypresshead Formations
Coosawhatchie Formation
Ocala Limestone
SJRWMD

Appendix B. PAH and Phthalate (Method 8270M) Data

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	BAY01	BOL04	BUCK03	CDRC01	CO06	DUN01
BATCH_ID	98-337	97-089	97-089	98-356	97-089	98-337
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	7.57	4.83	6.12	5.82	6.06	10.64
Naphthalene	28.48	55.96	44.72	19.51	50.00	21.44
2-Methylnaphthalene	11.60	24.28	16.20	6.42	18.16	16.21
1-Methylnaphthalene	7.33	11.13	6.95	4.00	8.97	13.59
Biphenyl	5.29	6.19	5.60	2.36	7.06	4.85
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	5.31	6.51	6.52	4.37	8.51	8.53
Dimethylphthalate	3.15	ND	ND	ND	9.89	20.11
2,3,5-Trimethylnaphthalene	2.46	ND	3.18	0.75	5.02	3.13
Acenaphthylene	15.31	32.94	19.91	7.78	39.81	11.86
Acenaphthene	4.02	10.40	4.81	2.43	9.55	2.91
Fluorene	7.48	18.67	13.30	3.72	14.71	6.26
Diethylphthalate	10.38	16.10	25.63	9.39	9.66	13.64
Phenanthrene	30.85	74.92	46.99	15.83	68.94	15.30
Anthracene	38.35	35.79	24.66	13.45	42.31	16.14
1-Methylphenanthrene	9.92	9.19	4.77	4.78	9.11	7.23
Di-N-butylphthalate	41.64	67.25	62.01	27.58	41.15	182.71
Fluoranthene	141.66	161.28	88.08	67.82	185.00	93.86
Pyrene	142.03	158.41	90.45	101.00	194.33	143.49
Kepone	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	66.01	121.33	56.77	27.13	144.67	45.62
Chrysene	88.49	163.73	69.85	38.07	194.33	56.80
Butylbenzylphthalate	6.15	32.85	110.58	26.12	32.40	132.05
Bis(2-ethylhexyl)phthalate	91.79	574.22	28132.66	870.90	303.33	157.78
Di-N-octylphthalate	29.72	1370.00	17277.78	19.00	ND	10.15
Benzo(b)fluoranthene	93.56	232.65	84.71	39.64	290.67	54.14
Benzo(k)fluoranthene	86.35	76.63	28.51	34.46	104.00	48.98
Benzo(e)pyrene	70.80	117.12	45.85	29.83	151.33	40.10
Benzo(a)pyrene	89.48	121.31	50.97	34.12	155.00	58.04
Perylene	247.06	177.39	170.04	325.11	337.33	290.45
Indeno(1,2,3-c,d)pyrene	74.49	109.39	53.46	28.81	151.67	41.27
Dibenz(a,h)anthracene	13.95	24.92	11.48	5.82	31.07	8.33
Benzo(g,h,i)perylene	55.23	116.65	57.95	32.11	153.67	39.13
TOTAL PAH	1335.51	1866.80	1005.72	849.30	2375.20	1047.66
Low PAH	166.39	285.99	197.61	85.39	282.14	127.45
High PAH	1169.12	1580.81	808.11	763.91	2093.06	920.22
Total Phthalates	182.83	2060.42	45608.65	952.98	396.44	516.43

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	GC02	HSP05	JUL02	LSJ01	LSJ02	LSJ03
BATCH_ID	98-337	97-089	98-337	96-178	96-178	96-146
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	3.55	4.41	12.59	7.42	9.72	4.54
Naphthalene	23.99	141.99	50.99	508.00	81.47	75.00
2-Methylnaphthalene	18.26	83.43	28.10	292.33	39.33	32.76
1-Methylnaphthalene	10.92	46.31	12.52	135.17	27.00	17.31
Biphenyl	3.28	17.47	6.60	42.16	9.02	7.71
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	8.25	30.88	17.49	40.11	15.78	14.94
Dimethylphthalate	ND	24.26	3.05	9.39	6.72	4.78
2,3,5-Trimethylnaphthalene	1.54	16.75	3.41	16.37	ND	ND
Acenaphthylene	12.85	85.67	20.36	205.36	106.05	46.20
Acenaphthene	12.60	88.79	8.46	144.23	37.28	14.50
Fluorene	12.90	102.35	14.00	216.07	48.98	26.84
Diethylphthalate	4.38	14.71	12.88	10.76	13.64	9.90
Phenanthrene	47.20	411.00	54.73	975.25	240.99	115.08
Anthracene	31.04	154.58	44.18	477.70	188.46	70.89
1-Methylphenanthrene	8.08	26.98	10.02	133.96	51.14	18.77
Di-N-butylphthalate	29.94	692.00	52.41	53.58	118.24	56.76
Fluoranthene	180.20	425.72	173.72	2283.46	1460.38	421.10
Pyrene	156.94	399.59	189.21	2400.98	1579.81	477.24
Kepone	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	65.58	357.83	82.68	664.11	205.04	130.69
Chrysene	90.39	376.66	114.37	563.42	189.05	118.11
Butylbenzylphthalate	16.83	33.72	10.76	22.78	25.27	13.74
Bis(2-ethylhexyl)phthalate	80.67	939.78	109.83	736.81	217.88	117.66
Di-N-octylphthalate	11.05	7.03	17.98	ND	ND	ND
Benzo(b)fluoranthene	90.79	472.15	129.05	1371.09	577.18	341.84
Benzo(k)fluoranthene	78.77	171.08	113.17	426.70	161.27	113.81
Benzo(e)pyrene	64.99	245.59	98.93	635.46	267.80	199.72
Benzo(a)pyrene	83.52	307.48	109.03	793.76	258.96	214.44
Perylene	92.58	125.54	444.50	391.47	350.68	399.72
Indeno(1,2,3-c,d)pyrene	63.85	244.29	100.00	547.07	223.91	201.54
Dibenz(a,h)anthracene	14.47	59.30	20.10	118.21	42.06	43.98
Benzo(g,h,i)perylene	47.07	238.85	76.38	459.54	190.33	190.54
TOTAL PAH	1220.06	4630.30	1922.01	13841.95	6351.97	3292.73
Low PAH	190.90	1206.21	270.86	3186.69	845.50	440.00
High PAH	1029.16	3424.09	1651.15	10655.26	5506.47	2852.72
Total Phthalates	142.87	1711.51	206.91	833.32	381.75	202.85

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	LSJ04	LSJ05	LSJ06	LSJ07	LSJ08	LSJ09
BATCH_ID	96-146	96-146	96-146	96-146	96-146	96-146
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	0.88	7.06	1.94	3.31	3.59	3.49
Naphthalene	44.79	70.85	52.77	58.55	62.23	40.02
2-Methylnaphthalene	24.03	32.68	28.41	24.53	29.85	16.46
1-Methylnaphthalene	13.76	21.78	17.44	16.05	13.56	8.45
Biphenyl	3.84	7.15	6.35	2.54	9.27	5.38
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	7.53	23.37	14.00	15.50	14.19	6.88
Dimethylphthalate	0.65	8.46	0.46	5.56	4.34	3.45
2,3,5-Trimethylnaphthalene	1.59	2.89	2.96	ND	1.37	ND
Acenaphthylene	22.17	119.39	21.92	50.30	34.05	23.98
Acenaphthene	20.73	28.14	12.67	10.73	14.19	9.01
Fluorene	25.52	56.41	18.32	21.54	23.47	14.38
Diethylphthalate	2.34	13.77	2.25	11.85	9.61	6.08
Phenanthrene	93.54	356.87	73.68	100.26	101.97	49.83
Anthracene	41.15	288.31	31.13	71.21	56.99	33.34
1-Methylphenanthrene	9.65	56.19	13.70	20.74	17.70	8.90
Di-N-butylphthalate	12.33	111.06	32.46	87.42	47.98	30.15
Fluoranthene	174.61	1514.39	186.18	403.28	279.91	145.27
Pyrene	212.58	1352.02	212.53	467.29	328.70	158.79
Kepone	ND	ND	19.85	12.44	91.82	ND
Benzo(a)anthracene	64.49	285.17	69.56	93.83	116.43	66.00
Chrysene	53.73	450.81	54.29	117.29	104.08	77.29
Butylbenzylphthalate	4.19	19.49	3.97	10.43	14.63	8.93
Bis(2-ethylhexyl)phthalate	72.66	160.94	34.17	84.04	89.32	58.79
Di-N-octylphthalate	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	147.34	535.67	152.54	264.44	265.69	183.57
Benzo(k)fluoranthene	56.71	203.08	51.69	92.15	96.87	62.14
Benzo(e)pyrene	83.86	278.87	92.27	150.00	162.36	104.64
Benzo(a)pyrene	105.00	308.10	104.10	162.64	171.06	115.21
Perylene	58.86	310.14	299.47	227.22	657.91	200.71
Indeno(1,2,3-c,d)pyrene	86.84	247.96	85.26	148.75	152.79	112.21
Dibenz(a,h)anthracene	20.32	59.18	20.90	32.96	31.80	23.43
Benzo(g,h,i)perylene	82.03	221.15	82.83	143.33	138.43	105.07
TOTAL PAH	1454.67	6830.59	1704.95	2695.15	2884.86	1570.97
Low PAH	308.31	1064.04	293.35	391.95	378.83	216.63
High PAH	1146.36	5766.55	1411.60	2303.19	2506.04	1354.35
Total Phthalates	92.17	313.74	73.31	199.30	165.89	107.39

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	LSJ10	LSJ11	LSJ12	LSJ13	LSJ14	LSJ15
BATCH_ID	96-146	96-146	96-146	96-140	96-140	96-140
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	0.41	3.93	4.49	1.85	6.49	0.89
Naphthalene	2.31	58.69	43.87	12.05	35.68	5.22
2-Methylnaphthalene	1.11	28.00	18.43	5.54	17.44	2.66
1-Methylnaphthalene	0.65	11.27	9.25	4.01	10.56	1.74
Biphenyl	0.24	9.66	6.19	2.15	5.27	0.91
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	0.26	10.69	9.06	4.02	14.55	1.63
Dimethylphthalate	0.50	4.13	11.44	1.43	3.60	0.65
2,3,5-Trimethylnaphthalene	ND	ND	ND	ND	ND	ND
Acenaphthylene	0.69	25.58	26.63	15.91	30.75	2.70
Acenaphthene	0.40	11.21	10.32	3.11	7.14	0.71
Fluorene	0.85	21.14	16.62	4.29	12.55	1.34
Diethylphthalate	1.07	5.77	6.45	6.24	14.94	3.40
Phenanthrene	6.97	80.58	63.35	19.57	47.80	5.44
Anthracene	2.14	42.30	37.52	13.61	32.97	3.48
1-Methylphenanthrene	0.80	14.82	12.27	4.03	10.18	1.16
Di-N-butylphthalate	6.90	39.22	36.04	53.90	141.21	33.23
Fluoranthene	12.79	214.11	186.82	81.37	193.75	24.47
Pyrene	11.85	252.98	199.85	90.39	221.36	28.38
Kepone	ND	94.44	ND	ND	ND	ND
Benzo(a)anthracene	5.16	75.09	89.99	32.23	70.88	8.54
Chrysene	5.09	64.63	103.16	32.73	71.42	6.36
Butylbenzylphthalate	0.48	13.99	23.58	4.57	12.86	2.22
Bis(2-ethylhexyl)phthalate	4.17	46.73	84.03	39.17	101.80	17.19
Di-N-octylphthalate	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	9.55	196.14	232.80	93.94	200.56	22.03
Benzo(k)fluoranthene	3.46	62.66	78.24	35.41	72.21	8.49
Benzo(e)pyrene	5.11	122.66	135.74	56.56	119.16	13.55
Benzo(a)pyrene	5.73	115.20	152.85	63.38	122.12	12.51
Perylene	8.59	616.63	350.13	163.71	519.01	79.33
Indeno(1,2,3-c,d)pyrene	5.25	103.16	145.70	61.80	114.25	11.70
Dibenz(a,h)anthracene	1.14	23.76	31.31	11.19	19.40	1.75
Benzo(g,h,i)perylene	5.17	104.35	135.04	62.40	117.00	11.81
TOTAL PAH	95.33	2265.31	2095.12	873.40	2065.99	255.91
Low PAH	16.43	313.93	253.50	88.29	224.89	26.99
High PAH	78.90	1951.38	1841.62	785.11	1841.10	228.92
Total Phthalates	13.12	109.84	161.52	105.31	274.41	56.70

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	LSJ16	LSJ17	LSJ18	LSJ19	LSJ20	LSJ21
BATCH_ID	96-140	96-140	96-140	96-140	96-140	96-140
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	4.26	3.52	1.41	2.44	0.98	2.34
Naphthalene	25.42	19.57	8.63	7.08	2.93	9.47
2-Methylnaphthalene	12.41	8.07	3.94	4.29	1.66	4.81
1-Methylnaphthalene	8.22	4.77	2.80	3.25	1.23	3.42
Biphenyl	2.96	3.98	1.83	2.29	0.75	1.64
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	6.82	5.91	3.66	2.36	1.22	2.26
Dimethylphthalate	3.75	1.93	1.18	1.88	0.64	4.36
2,3,5-Trimethylnaphthalene	ND	ND	ND	ND	ND	ND
Acenaphthylene	21.66	9.52	7.86	2.05	1.38	6.22
Acenaphthene	4.75	3.09	1.69	ND	ND	0.99
Fluorene	8.81	6.47	2.99	ND	ND	1.91
Diethylphthalate	15.68	6.47	5.86	10.12	2.83	10.31
Phenanthrene	34.53	22.94	14.33	5.18	2.21	9.21
Anthracene	21.42	12.08	7.65	3.49	2.18	8.67
1-Methylphenanthrene	7.10	6.54	4.19	2.34	0.61	3.74
Di-N-butylphthalate	127.13	71.79	56.65	72.59	28.92	82.51
Fluoranthene	145.95	74.91	74.74	27.27	9.54	45.72
Pyrene	164.74	99.90	73.19	26.74	10.59	51.76
Kepone	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	61.55	28.61	26.83	7.45	3.70	21.50
Chrysene	60.73	26.54	31.10	7.09	3.11	25.69
Butylbenzylphthalate	43.59	6.19	2.82	5.38	1.79	5.04
Bis(2-ethylhexyl)phthalate	477.36	94.11	38.97	30.45	13.77	65.16
Di-N-octylphthalate	10.64	ND	ND	ND	0.44	ND
Benzo(b)fluoranthene	160.91	77.66	74.34	16.38	9.20	48.41
Benzo(k)fluoranthene	61.36	29.13	30.75	5.75	3.36	21.59
Benzo(e)pyrene	93.45	46.60	42.98	8.72	5.17	28.59
Benzo(a)pyrene	102.73	45.25	46.78	8.82	5.39	32.79
Perylene	314.55	386.24	126.76	169.03	16.63	57.10
Indeno(1,2,3-c,d)pyrene	88.09	44.22	49.11	6.94	4.73	23.08
Dibenz(a,h)anthracene	14.66	6.81	6.82	ND	0.59	3.31
Benzo(g,h,i)perylene	90.09	44.19	45.08	8.73	5.11	26.14
TOTAL PAH	1512.91	1012.99	688.05	325.26	91.29	438.03
Low PAH	154.11	102.94	59.58	32.33	14.17	52.36
High PAH	1358.81	910.05	628.46	292.93	77.11	385.67
Total Phthalates	678.15	180.48	105.47	120.43	48.39	167.38

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	LSJ22	LSJ23	LSJ24	LSJ25	LSJ26	LSJ27
BATCH_ID	96-140	96-158	96-158	96-158	96-158	96-158
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	1.76	13.72	1.12	1.61	ND	3.95
Naphthalene	6.99	4.00	9.16	9.99	1.40	18.08
2-Methylnaphthalene	3.92	2.87	4.21	4.72	0.79	8.70
1-Methylnaphthalene	2.91	2.04	2.97	3.59	0.65	9.20
Biphenyl	1.08	1.73	1.77	1.89	0.30	3.28
2-Chloronaphthalene	ND	2.41	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	4.36	3.25	4.70	7.06	0.97	32.22
Dimethylphthalate	1.47	18.20	0.94	2.27	0.17	3.63
2,3,5-Trimethylnaphthalene	ND	ND	ND	ND	ND	ND
Acenaphthylene	4.78	6.03	11.34	10.98	0.55	19.56
Acenaphthene	0.85	1.13	1.92	0.86	ND	3.45
Fluorene	2.26	3.55	3.12	3.73	ND	7.53
Diethylphthalate	5.49	18.48	6.16	6.54	1.63	11.40
Phenanthrene	6.34	15.91	16.69	14.33	0.82	24.42
Anthracene	7.13	8.66	7.96	11.57	1.42	28.65
1-Methylphenanthrene	2.13	7.12	6.15	6.51	0.50	15.14
Di-N-butylphthalate	55.86	25.57	62.15	48.96	12.91	95.84
Fluoranthene	32.07	77.81	73.55	83.78	3.28	153.47
Pyrene	36.14	73.71	72.78	83.44	3.33	157.86
Kepone	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	12.99	114.84	32.47	31.72	1.20	47.25
Chrysene	13.05	52.99	33.99	43.49	1.10	48.70
Butylbenzylphthalate	4.21	3.93	6.63	11.32	1.94	10.60
Bis(2-ethylhexyl)phthalate	37.18	192.02	51.49	51.83	13.33	76.29
Di-N-octylphthalate	ND	128.50	2.75	ND	ND	ND
Benzo(b)fluoranthene	33.74	95.29	72.69	79.71	3.19	120.31
Benzo(k)fluoranthene	14.19	30.68	28.60	30.25	1.32	46.35
Benzo(e)pyrene	19.64	42.34	40.52	43.98	1.69	69.63
Benzo(a)pyrene	20.44	65.02	54.53	53.19	1.63	82.25
Perylene	46.95	70.23	104.54	168.94	4.46	255.21
Indeno(1,2,3-c,d)pyrene	16.64	44.33	42.30	42.99	1.66	66.80
Dibenz(a,h)anthracene	2.65	6.96	8.46	8.72	0.17	12.78
Benzo(g,h,i)perylene	18.59	37.88	41.99	44.53	2.11	66.62
TOTAL PAH	309.86	768.35	676.41	789.98	32.52	1297.47
Low PAH	42.75	56.28	70.00	75.23	7.40	170.23
High PAH	267.11	712.08	606.41	714.75	25.13	1127.24
Total Phthalates	104.21	386.70	130.12	120.92	29.97	197.76

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	LSJ28	LSJ29	LSJ30	LSJ31	LSJ32	LSJ33
BATCH_ID	96-178	96-178	96-178	96-178	96-178	96-178
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	3.90	3.47	4.89	0.33	6.41	0.30
Naphthalene	15.72	10.13	13.74	1.34	24.39	1.24
2-Methylnaphthalene	6.42	5.39	7.24	0.68	10.04	0.71
1-Methylnaphthalene	3.95	4.08	5.36	0.50	6.85	0.54
Biphenyl	3.40	1.96	3.27	ND	3.39	0.13
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	6.60	3.54	15.44	ND	16.75	ND
Dimethylphthalate	2.61	2.47	3.02	0.37	3.43	0.53
2,3,5-Trimethylnaphthalene	ND	ND	ND	ND	ND	ND
Acenaphthylene	11.68	13.14	6.74	0.29	30.38	0.56
Acenaphthene	2.02	3.38	ND	ND	3.86	ND
Fluorene	6.13	7.60	5.79	ND	9.79	0.15
Diethylphthalate	4.01	4.98	4.63	1.20	5.59	1.04
Phenanthrene	22.16	31.43	19.81	0.57	45.84	0.75
Anthracene	14.97	37.55	30.48	0.66	42.35	1.40
1-Methylphenanthrene	9.91	10.58	10.56	ND	23.31	0.28
Di-N-butylphthalate	28.09	29.28	38.42	7.39	44.00	11.03
Fluoranthene	147.94	167.53	90.72	4.51	320.22	4.89
Pyrene	139.77	155.28	113.23	3.26	302.63	4.53
Kepone	ND	ND	ND	17.21	ND	ND
Benzo(a)anthracene	41.84	49.43	24.68	0.68	99.97	1.23
Chrysene	41.08	52.78	23.49	0.64	104.07	1.15
Butylbenzylphthalate	2.62	4.34	13.45	0.33	ND	0.59
Bis(2-ethylhexyl)phthalate	26.89	36.14	54.81	3.01	36.55	3.23
Di-N-octylphthalate	ND	ND	2.28	ND	ND	ND
Benzo(b)fluoranthene	111.56	117.55	76.52	1.48	227.65	2.71
Benzo(k)fluoranthene	29.67	36.19	20.29	0.48	61.95	1.13
Benzo(e)pyrene	51.17	53.71	30.45	0.71	99.00	1.32
Benzo(a)pyrene	54.69	57.53	33.10	0.56	122.96	1.14
Perylene	427.67	90.44	927.94	1.47	384.26	1.37
Indeno(1,2,3-c,d)pyrene	43.89	41.78	28.17	0.43	88.59	1.05
Dibenz(a,h)anthracene	8.55	8.52	5.01	ND	18.93	0.13
Benzo(g,h,i)perylene	39.64	35.96	24.57	0.81	70.77	1.26
TOTAL PAH	1240.44	995.49	1516.60	19.08	2117.94	27.69
Low PAH	102.98	128.79	118.42	4.05	216.95	5.77
High PAH	1137.46	866.70	1398.18	15.03	1900.98	21.92
Total Phthalates	64.23	77.21	116.61	12.30	89.58	16.42

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	LSJ35	LSJ36	LSJ37	LSJ39	LSJ40	LSJRC01
BATCH_ID	96-158	96-158	96-158	96-158	96-158	96-234
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	ND	0.49	ND	ND	6.59	1.28
Naphthalene	22.37	3.01	0.97	1.35	13.43	34.04
2-Methylnaphthalene	12.18	1.67	0.60	0.91	7.54	13.41
1-Methylnaphthalene	10.03	1.29	0.43	0.82	4.94	8.20
Biphenyl	3.94	0.66	0.10	0.29	1.00	6.08
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	35.92	1.22	ND	0.15	6.25	12.24
Dimethylphthalate	5.09	0.45	0.11	0.28	6.74	5.61
2,3,5-Trimethylnaphthalene	ND	ND	ND	ND	ND	2.29
Acenaphthylene	32.54	8.49	0.37	0.88	36.30	21.34
Acenaphthene	ND	0.33	ND	ND	4.27	6.67
Fluorene	8.71	1.98	0.11	0.26	7.21	16.14
Diethylphthalate	21.36	2.38	0.54	1.22	11.41	28.49
Phenanthrene	42.56	17.31	1.27	1.58	44.69	94.11
Anthracene	31.57	7.93	0.44	1.03	30.48	177.07
1-Methylphenanthrene	21.90	9.11	0.46	2.19	20.80	33.88
Di-N-butylphthalate	461.77	33.39	8.54	9.59	64.57	119.02
Fluoranthene	266.85	65.85	3.80	11.22	298.67	345.12
Pyrene	266.25	71.69	3.83	11.28	281.41	322.08
Kepone	40.25	ND	6.24	1.19	ND	ND
Benzo(a)anthracene	84.24	34.35	1.69	5.25	173.00	42.95
Chrysene	88.27	34.25	1.80	5.45	164.71	54.25
Butylbenzylphthalate	5.10	ND	0.81	1.18	4.35	3.54
Bis(2-ethylhexyl)phthalate	214.31	20.34	8.24	7.37	64.98	56.96
Di-N-octylphthalate	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	189.92	53.68	4.48	8.52	267.68	73.49
Benzo(k)fluoranthene	72.13	23.10	1.85	3.73	102.53	25.79
Benzo(e)pyrene	104.44	30.32	2.33	4.67	143.21	36.72
Benzo(a)pyrene	133.83	47.35	3.29	6.85	212.74	48.80
Perylene	142.72	83.98	2.09	3.12	217.91	66.25
Indeno(1,2,3-c,d)pyrene	102.15	29.53	3.35	4.91	136.49	32.30
Dibenz(a,h)anthracene	21.22	6.11	0.47	0.81	30.06	7.55
Benzo(g,h,i)perylene	99.43	28.47	3.47	5.33	132.43	21.80
TOTAL PAH	1793.18	561.71	37.21	80.59	2337.73	1502.59
Low PAH	221.72	53.03	4.75	9.44	176.91	425.49
High PAH	1571.46	508.68	32.46	71.15	2160.82	1077.10
Total Phthalates	707.63	56.56	18.24	19.63	152.06	213.63

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	LSJRC02	LSJRC03	LSJRC04	LSJRC05	LSJRC06	LSJRC07
BATCH_ID	96-234	96-234	96-234	96-234	96-234	96-234
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	10.78	9.80	4.13	0.93	12.81	ND
Naphthalene	121.67	53.90	16.07	9.28	214.48	31.36
2-Methylnaphthalene	40.76	17.49	6.26	3.60	83.02	10.95
1-Methylnaphthalene	35.78	12.77	7.22	2.20	45.90	5.46
Biphenyl	18.16	8.28	3.75	2.09	20.85	3.65
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	96.57	47.73	16.24	ND	95.18	4.71
Dimethylphthalate	17.82	11.13	5.13	1.96	20.23	3.43
2,3,5-Trimethylnaphthalene	8.99	ND	6.10	ND	27.39	ND
Acenaphthylene	85.86	83.35	21.65	2.15	102.65	9.97
Acenaphthene	116.02	6.14	0.75	ND	49.27	3.91
Fluorene	154.89	19.18	4.76	2.26	98.13	10.39
Diethylphthalate	84.22	68.79	29.30	14.69	76.16	22.58
Phenanthrene	824.19	116.12	28.46	13.24	643.06	72.78
Anthracene	286.58	96.77	28.84	45.59	784.72	216.94
1-Methylphenanthrene	149.29	44.78	12.20	11.79	489.75	35.22
Di-N-butylphthalate	441.25	230.90	99.00	75.96	293.66	100.28
Fluoranthene	1688.44	768.85	199.19	41.06	1397.42	180.28
Pyrene	1404.84	770.96	187.33	42.07	1298.81	175.28
Kepone	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	185.84	135.87	34.48	2.34	171.47	17.03
Chrysene	241.95	162.81	46.90	3.55	333.89	21.82
Butylbenzylphthalate	14.90	9.78	2.44	4.46	32.76	3.06
Bis(2-ethylhexyl)phthalate	354.83	158.23	53.02	19.65	208.10	33.79
Di-N-octylphthalate	42.85	137.16	ND	0.29	6.79	2.36
Benzo(b)fluoranthene	319.82	268.63	63.88	4.60	357.31	33.28
Benzo(k)fluoranthene	106.19	96.98	24.22	1.60	120.33	11.12
Benzo(e)pyrene	153.56	142.44	32.76	2.37	175.42	16.39
Benzo(a)pyrene	185.13	183.49	42.50	1.88	175.96	18.40
Perylene	491.66	272.87	45.95	14.05	421.09	46.60
Indeno(1,2,3-c,d)pyrene	127.77	137.43	28.19	1.63	137.19	13.80
Dibenz(a,h)anthracene	28.61	25.44	5.30	ND	33.10	3.15
Benzo(g,h,i)perylene	51.24	49.81	26.72	7.19	58.96	22.37
TOTAL PAH	6923.81	3522.08	889.73	214.54	7335.34	964.88
Low PAH	1938.75	506.51	152.30	92.21	2654.39	405.35
High PAH	4985.06	3015.57	737.43	122.33	4680.96	559.53
Total Phthalates	955.86	615.99	188.89	117.00	637.71	165.50

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	LSJRC08	LSJRC09	LSJRC10	LSJRC11	LSJRC12	LSJRC13
BATCH_ID	96-234	96-234	96-234	96-239	96-239	96-239
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	7.93	7.95	10.94	7.95	0.21	4.23
Naphthalene	94.58	84.45	88.25	159.35	1.35	51.46
2-Methylnaphthalene	30.21	30.90	36.83	76.44	0.20	8.33
1-Methylnaphthalene	21.13	24.65	23.46	36.74	0.20	4.14
Biphenyl	11.63	11.08	9.56	21.51	ND	6.13
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	89.31	120.61	72.56	49.85	ND	3.70
Dimethylphthalate	16.85	15.29	13.49	1.89	0.40	1.44
2,3,5-Trimethylnaphthalene	ND	ND	ND	18.16	ND	1.55
Acenaphthylene	43.68	56.84	30.59	36.85	0.16	24.47
Acenaphthene	11.09	4.22	8.38	19.42	ND	2.93
Fluorene	33.60	20.70	27.54	46.45	ND	7.93
Diethylphthalate	84.54	109.30	66.84	13.56	0.68	4.38
Phenanthrene	206.37	111.99	147.05	210.36	0.49	45.05
Anthracene	600.96	276.04	488.11	108.15	0.84	17.92
1-Methylphenanthrene	112.71	57.69	76.11	107.97	ND	12.26
Di-N-butylphthalate	372.02	382.27	267.77	45.20	6.36	28.82
Fluoranthene	581.54	601.95	492.33	498.28	1.00	201.33
Pyrene	583.46	621.17	501.92	451.79	1.20	201.87
Kepone	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	70.33	73.93	59.69	120.31	0.34	61.74
Chrysene	92.64	96.10	75.93	169.47	0.31	68.05
Butylbenzylphthalate	15.15	9.00	ND	ND	0.21	ND
Bis(2-ethylhexyl)phthalate	162.21	171.65	155.88	128.64	5.07	23.08
Di-N-octylphthalate	6.06	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	150.72	165.97	130.36	239.45	0.62	122.58
Benzo(k)fluoranthene	49.25	56.04	42.43	84.82	0.25	45.82
Benzo(e)pyrene	77.86	88.03	67.05	125.05	0.44	64.46
Benzo(a)pyrene	93.73	101.70	72.83	146.10	0.33	83.08
Perylene	237.24	215.07	542.11	344.19	1.16	298.55
Indeno(1,2,3-c,d)pyrene	69.63	81.28	57.28	115.10	0.31	68.31
Dibenz(a,h)anthracene	14.41	16.75	12.79	27.46	ND	13.82
Benzo(g,h,i)perylene	36.86	96.71	27.41	98.13	1.54	60.63
TOTAL PAH	3312.94	3013.85	3090.58	3311.39	10.72	1476.13
Low PAH	1255.27	799.17	1008.46	891.23	3.23	185.88
High PAH	2057.68	2214.68	2082.12	2420.15	7.48	1290.25
Total Phthalates	656.83	687.51	503.97	189.29	12.73	57.71

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	LSJRC13-02	LSJRC14	LSJRC15	LSJRC16	LSJRC17	LSJRC18
BATCH_ID	98-337	96-239	96-239	96-239	96-239	96-239
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	4.87	2.33	5.05	4.66	2.72	0.46
Naphthalene	72.42	7.28	21.62	17.80	14.58	1.51
2-Methylnaphthalene	14.74	2.81	7.96	4.48	6.41	0.73
1-Methylnaphthalene	7.99	2.41	5.50	3.18	3.78	ND
Biphenyl	6.72	1.69	5.37	2.89	2.15	0.17
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	8.06	11.09	34.59	5.77	3.40	ND
Dimethylphthalate	ND	0.87	ND	3.05	1.16	ND
2,3,5-Trimethylnaphthalene	2.84	ND	ND	ND	ND	ND
Acenaphthylene	18.34	11.19	35.53	23.69	10.16	0.56
Acenaphthene	3.16	ND	4.27	1.82	1.42	ND
Fluorene	8.15	2.97	13.71	5.64	4.62	ND
Diethylphthalate	8.32	3.00	7.05	6.78	3.04	1.07
Phenanthrene	44.85	13.45	36.13	23.26	18.71	1.33
Anthracene	30.20	12.80	39.68	20.63	15.63	2.84
1-Methylphenanthrene	11.52	5.34	15.83	9.05	8.71	0.31
Di-N-butylphthalate	52.80	79.87	37.71	37.25	15.53	15.30
Fluoranthene	202.00	70.80	266.80	158.33	78.30	6.33
Pyrene	203.68	70.64	265.03	153.59	80.96	6.38
Kepone	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	79.10	31.80	82.75	53.40	26.95	1.81
Chrysene	99.11	40.69	99.59	60.13	33.86	2.01
Butylbenzylphthalate	2.14	ND	ND	5.08	ND	ND
Bis(2-ethylhexyl)phthalate	69.78	38.88	138.76	163.81	36.30	7.82
Di-N-octylphthalate	9.62	ND	ND	3.00	ND	ND
Benzo(b)fluoranthene	98.46	66.19	194.27	105.76	55.29	3.91
Benzo(k)fluoranthene	94.91	23.24	71.20	38.71	21.04	1.37
Benzo(e)pyrene	73.83	33.29	102.08	57.54	28.96	2.01
Benzo(a)pyrene	96.79	45.69	124.64	77.64	36.74	1.98
Perylene	455.91	126.45	348.37	167.64	68.17	2.50
Indeno(1,2,3-c,d)pyrene	77.50	31.61	97.03	58.43	29.26	1.70
Dibenz(a,h)anthracene	14.61	6.82	21.19	12.15	6.34	0.40
Benzo(g,h,i)perylene	55.41	27.99	89.94	55.44	30.25	1.58
TOTAL PAH	1780.30	646.24	1983.07	1116.98	585.69	39.44
Low PAH	229.00	71.02	220.19	118.21	89.57	7.46
High PAH	1551.30	575.23	1762.88	998.77	496.12	31.99
Total Phthalates	142.65	122.62	183.52	218.96	56.03	24.20

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	LSJRC19	LSJRC20	MOC07	NASCP01	NASM01	OBB
BATCH_ID	96-239	96-239	97-089	97-089	97-089	97-089
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	5.54	6.69	6.85	4.19	10.77	7.71
Naphthalene	22.24	26.63	30.87	20.76	66.26	24.80
2-Methylnaphthalene	8.64	9.47	10.75	9.23	29.38	9.45
1-Methylnaphthalene	6.17	6.23	5.55	4.82	18.42	5.56
Biphenyl	4.29	4.76	1.85	2.89	7.42	3.32
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	12.62	7.09	5.13	3.79	8.80	1.90
Dimethylphthalate	ND	ND	ND	ND	ND	ND
2,3,5-Trimethylnaphthalene	ND	ND	ND	14.80	ND	ND
Acenaphthylene	25.11	23.10	17.33	32.19	26.25	14.25
Acenaphthene	2.94	2.62	3.65	261.46	131.78	ND
Fluorene	9.04	7.99	10.71	76.29	69.95	9.81
Diethylphthalate	6.41	8.13	37.25	11.36	38.64	33.34
Phenanthrene	40.72	36.41	40.16	85.72	116.69	26.82
Anthracene	33.87	52.39	22.27	71.85	53.75	20.98
1-Methylphenanthrene	18.31	15.34	4.99	15.24	6.56	2.07
Di-N-butylphthalate	36.21	54.49	326.95	24.45	129.38	39.50
Fluoranthene	207.35	189.34	85.88	614.83	172.79	82.93
Pyrene	214.98	193.28	83.05	389.84	162.55	97.67
Kepone	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	69.16	55.60	60.19	191.03	100.21	46.98
Chrysene	84.74	69.51	75.32	245.38	151.25	55.43
Butylbenzylphthalate	ND	ND	33.49	8.57	23.21	6.20
Bis(2-ethylhexyl)phthalate	116.88	93.10	565.10	100.55	336.39	155.86
Di-N-octylphthalate	ND	ND	2.19	ND	2.94	1.86
Benzo(b)fluoranthene	144.16	125.93	77.56	200.64	137.64	60.51
Benzo(k)fluoranthene	51.43	44.50	30.26	66.79	46.11	21.42
Benzo(e)pyrene	74.68	63.84	42.18	95.01	75.90	31.40
Benzo(a)pyrene	94.09	77.63	49.13	105.44	73.75	30.76
Perylene	152.01	139.82	68.21	82.69	73.26	168.31
Indeno(1,2,3-c,d)pyrene	73.77	63.40	48.22	88.03	79.10	29.67
Dibenz(a,h)anthracene	16.30	13.78	11.50	20.77	18.49	6.88
Benzo(g,h,i)perylene	67.40	58.46	55.69	84.86	87.43	35.38
TOTAL PAH	1434.02	1287.13	840.47	2784.37	1713.74	786.31
Low PAH	183.96	192.05	153.28	599.06	535.26	118.97
High PAH	1250.06	1095.09	687.19	2185.31	1178.48	667.33
Total Phthalates	159.50	155.72	964.98	144.92	530.56	236.77

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	ORG01	PA32	PP61	RCCP02	WEK02
BATCH_ID	97-089	96-178	96-178	97-089	98-337
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	7.63	1.85	1.10	1.73	5.71
Naphthalene	24.20	9.27	6.08	28.61	17.45
2-Methylnaphthalene	8.25	4.90	2.60	6.25	6.38
1-Methylnaphthalene	5.62	3.70	1.38	3.13	4.44
Biphenyl	3.65	1.96	1.08	ND	3.61
2-Chloronaphthalene	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	4.03	2.38	1.21	1.53	8.17
Dimethylphthalate	ND	1.24	0.44	ND	5.33
2,3,5-Trimethylnaphthalene	4.15	0.91	ND	ND	9.74
Acenaphthylene	22.50	15.60	3.01	6.53	42.69
Acenaphthene	2.62	3.15	1.01	ND	4.30
Fluorene	10.31	9.17	2.10	ND	14.38
Diethylphthalate	15.96	2.78	1.26	ND	7.86
Phenanthrene	40.32	42.78	8.16	128.99	72.29
Anthracene	26.57	35.69	4.44	170.05	43.43
1-Methylphenanthrene	4.55	13.41	2.15	7.54	16.02
Di-N-butylphthalate	49.62	10.03	7.17	20.09	34.96
Fluoranthene	119.20	231.33	28.52	206.39	303.24
Pyrene	105.19	187.63	30.18	136.40	378.13
Kepone	ND	ND	1.48	55.22	ND
Benzo(a)anthracene	62.11	144.53	8.68	24.31	167.40
Chrysene	73.31	221.53	6.97	78.62	192.02
Butylbenzylphthalate	10.08	60.92	1.82	ND	35.62
Bis(2-ethylhexyl)phthalate	1857.02	286.56	8.40	22.06	478.37
Di-N-octylphthalate	67.67	400.44	ND	2.38	7.72
Benzo(b)fluoranthene	65.35	229.99	24.44	39.60	222.79
Benzo(k)fluoranthene	21.85	75.36	8.69	14.36	210.48
Benzo(e)pyrene	38.07	90.06	14.09	21.58	165.38
Benzo(a)pyrene	43.61	112.30	12.55	12.11	236.63
Perylene	95.92	103.29	98.78	11.52	439.23
Indeno(1,2,3-c,d)pyrene	37.56	58.88	12.16	7.07	155.38
Dibenz(a,h)anthracene	9.31	13.02	2.41	1.67	34.52
Benzo(g,h,i)perylene	44.36	42.90	13.28	7.77	113.25
TOTAL PAH	872.57	1653.73	293.99	914.05	2861.35
Low PAH	156.75	142.91	33.23	352.63	242.90
High PAH	715.82	1510.82	260.75	561.42	2618.46
Total Phthalates	2000.36	761.97	19.10	44.54	569.83

CEDAR AND ORTEGA RIVER BASIN BASIN ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	CED01	CED02	CED03	CED04	CED05	CED06
BATCH_ID	98-076	98-076	98-356	98-337	98-191	98-119
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	ND	ND	ND	7.63	ND	ND
Naphthalene	18.08	28.86	34.09	66.05	14.94	34.09
2-Methylnaphthalene	16.41	22.66	20.82	41.05	5.00	20.76
1-Methylnaphthalene	7.15	10.84	9.59	18.21	2.25	10.41
Biphenyl	ND	5.37	7.38	13.33	2.17	8.04
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	25.36	25.48	10.79	20.86	2.85	12.00
Dimethylphthalate	ND	ND	9.21	10.91	1.59	15.38
2,3,5-Trimethylnaphthalene	96.43	22.69	10.91	15.66	2.00	6.04
Acenaphthylene	20.00	45.38	42.12	70.17	15.98	44.38
Acenaphthene	48.33	44.62	20.15	31.72	3.26	27.75
Fluorene	55.60	64.84	27.12	41.90	6.85	30.75
Diethylphthalate	ND	12.58	11.38	13.86	8.35	38.50
Phenanthrene	125.00	192.47	204.55	277.59	40.93	301.25
Anthracene	57.98	88.06	86.82	131.38	18.11	91.88
1-Methylphenanthrene	74.05	42.47	23.48	38.10	5.06	36.00
Di-N-butylphthalate	ND	78.71	35.91	82.76	41.85	34.25
Fluoranthene	415.48	920.43	1104.55	1518.97	212.96	1375.00
Pyrene	403.57	952.69	1054.55	1525.86	259.26	1198.75
Kepone	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	225.00	460.34	422.22	644.68	98.57	582.86
Chrysene	310.42	746.55	755.56	1065.96	140.41	1068.57
Butylbenzylphthalate	ND	98.45	62.70	89.36	23.47	91.29
Bis(2-ethylhexyl)phthalate	1168.75	1270.69	1447.62	2234.04	2244.90	211.43
Di-N-octylphthalate	34.79	ND	121.59	144.04	54.90	ND
Benzo(b)fluoranthene	466.67	1181.03	988.89	1444.68	148.78	1417.14
Benzo(k)fluoranthene	293.75	624.14	820.63	1263.83	142.86	1072.86
Benzo(e)pyrene	297.92	820.69	736.51	1100.00	123.06	1072.86
Benzo(a)pyrene	287.50	841.38	695.24	1089.36	88.37	985.71
Perylene	1381.25	3189.66	1793.65	3148.94	530.61	1700.00
Indeno(1,2,3-c,d)pyrene	429.17	1032.76	790.48	1240.43	165.51	1258.57
Dibenz(a,h)anthracene	68.13	172.41	156.51	238.30	33.88	252.86
Benzo(g,h,i)perylene	383.33	910.34	584.13	919.15	141.22	1097.14
TOTAL PAH	5506.55	12446.17	10400.72	15966.17	2204.88	13705.65
Low PAH	544.38	593.74	497.82	766.02	119.39	623.33
High PAH	4962.17	11852.43	9902.90	15200.15	2085.49	13082.32
Total Phthalates	1203.54	1460.43	1688.40	2574.98	2375.06	390.84

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	CED07	CED08	CED09	ORT01	ORT02	ORT03
BATCH_ID	98-119	98-076	98-076	98-178	98-356	98-178
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	ND	ND	ND	ND	2.12	ND
Naphthalene	48.20	30.56	36.90	72.55	12.04	5.77
2-Methylnaphthalene	23.44	19.86	20.00	25.10	3.39	2.39
1-Methylnaphthalene	10.64	10.31	10.21	11.59	1.88	1.53
Biphenyl	11.05	6.54	7.17	7.59	2.13	1.18
2-Chloronaphthalene	ND	1.40	1.24	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	11.79	16.33	10.60	9.26	1.83	1.59
Dimethylphthalate	6.16	7.43	9.24	ND	ND	2.13
2,3,5-Trimethylnaphthalene	6.83	5.54	4.23	3.31	1.34	ND
Acenaphthylene	40.40	21.11	38.56	24.29	4.14	0.71
Acenaphthene	16.13	16.67	39.33	9.77	1.39	ND
Fluorene	19.73	23.44	60.44	15.86	3.18	2.17
Diethylphthalate	8.45	5.66	7.10	20.71	4.57	22.03
Phenanthrene	138.67	147.78	708.89	77.86	11.64	7.36
Anthracene	61.20	47.78	154.44	34.14	5.87	1.81
1-Methylphenanthrene	23.73	19.89	61.78	12.73	2.81	3.20
Di-N-butylphthalate	29.47	18.33	63.00	9.43	12.08	6.27
Fluoranthene	734.67	737.78	3477.78	267.14	48.83	29.84
Pyrene	816.00	776.67	2555.56	344.29	59.61	35.16
Kepone	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	320.90	302.27	1417.72	104.33	16.35	6.63
Chrysene	535.82	609.09	2582.28	131.34	21.08	8.98
Butylbenzylphthalate	38.51	28.98	75.06	4.99	5.16	ND
Bis(2-ethylhexyl)phthalate	116.87	952.27	516.46	42.09	110.27	174.60
Di-N-octylphthalate	ND	ND	12.65	ND	4.12	ND
Benzo(b)fluoranthene	713.43	770.45	3810.13	142.69	24.86	11.71
Benzo(k)fluoranthene	537.31	552.27	2012.66	126.87	20.14	7.83
Benzo(e)pyrene	546.27	567.05	2544.30	132.84	19.19	7.51
Benzo(a)pyrene	465.67	514.77	2556.96	76.12	18.92	2.78
Perylene	1940.30	1089.77	1746.84	756.72	647.30	744.44
Indeno(1,2,3-c,d)pyrene	622.39	620.45	2911.39	106.42	17.16	7.54
Dibenz(a,h)anthracene	115.07	118.18	532.91	21.34	3.19	1.21
Benzo(g,h,i)perylene	546.27	570.45	2468.35	108.81	13.78	7.60
TOTAL PAH	8305.91	7595.04	29769.43	2622.93	962.05	898.97
Low PAH	411.81	365.82	1152.56	304.04	51.64	27.72
High PAH	7894.10	7229.22	28616.88	2318.89	910.41	871.24
Total Phthalates	199.45	1012.67	683.51	77.22	136.20	205.03

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	ORT04	ORT05	ORT06	ORT06-1	ORT07	ORT08
BATCH_ID	98-356	98-178	98-178	98-337	98-356	98-076
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	2.51	ND	ND	3.97	3.89	ND
Naphthalene	90.21	181.14	57.61	49.47	62.78	41.19
2-Methylnaphthalene	14.19	45.71	17.20	20.53	32.96	14.27
1-Methylnaphthalene	7.19	19.00	8.91	9.45	15.31	7.31
Biphenyl	6.01	18.91	5.77	6.43	11.34	5.04
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	5.19	13.13	7.74	13.37	15.06	6.40
Dimethylphthalate	ND	1.73	ND	ND	6.21	1.32
2,3,5-Trimethylnaphthalene	3.14	3.60	1.74	4.62	8.64	2.80
Acenaphthylene	17.25	32.91	16.38	19.00	48.18	18.59
Acenaphthene	10.51	17.65	11.08	8.63	17.14	7.93
Fluorene	15.88	38.18	12.79	12.20	23.38	10.50
Diethylphthalate	7.63	23.82	19.34	8.22	8.95	11.63
Phenanthrene	55.00	137.45	56.56	61.17	142.86	56.52
Anthracene	29.13	49.64	21.80	33.00	82.99	27.17
1-Methylphenanthrene	7.74	17.49	9.98	10.97	25.06	9.62
Di-N-butylphthalate	30.00	14.38	7.59	31.83	39.09	53.70
Fluoranthene	205.00	401.82	227.87	276.67	636.36	225.00
Pyrene	212.50	418.18	255.74	286.67	697.40	283.70
Kepone	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	60.88	140.38	79.15	88.93	273.08	96.63
Chrysene	77.75	185.28	96.44	98.39	371.79	109.47
Butylbenzylphthalate	5.89	5.87	ND	3.75	24.49	4.96
Bis(2-ethylhexyl)phthalate	136.25	20.94	649.15	57.32	412.82	23.79
Di-N-octylphthalate	41.25	ND	ND	7.73	37.05	ND
Benzo(b)fluoranthene	75.13	156.60	112.71	118.39	452.56	121.05
Benzo(k)fluoranthene	65.75	134.91	100.68	101.25	373.08	110.53
Benzo(e)pyrene	61.13	132.64	104.24	95.00	339.74	109.47
Benzo(a)pyrene	59.13	59.25	48.81	102.68	335.90	113.68
Perylene	1010.00	809.43	374.58	867.86	688.46	600.00
Indeno(1,2,3-c,d)pyrene	45.38	96.60	73.73	87.68	316.67	90.84
Dibenz(a,h)anthracene	9.46	22.83	17.46	18.04	66.28	21.89
Benzo(g,h,i)perylene	43.63	105.09	82.03	69.82	246.15	90.32
TOTAL PAH	2187.15	3237.84	1800.99	2460.20	5283.19	2179.95
Low PAH	261.43	574.82	227.55	248.83	485.70	207.36
High PAH	1925.71	2663.02	1573.44	2211.37	4797.48	1972.59
Total Phthalates	221.01	66.74	676.09	108.85	528.61	95.39

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	ORT09	ORT10	ORT11	ORT12	ORT13	ORT14
BATCH_ID	98-178	98-178	98-191	98-191	98-178	98-337
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	ND	ND	ND	ND	ND	4.58
Naphthalene	162.11	101.15	45.74	77.17	186.92	83.85
2-Methylnaphthalene	32.11	32.88	14.66	23.26	46.67	16.81
1-Methylnaphthalene	17.14	15.27	7.70	11.50	28.97	8.19
Biphenyl	13.33	13.31	6.49	9.36	23.14	7.17
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	11.51	12.75	8.49	12.38	21.57	7.49
Dimethylphthalate	5.90	4.35	3.14	9.66	7.08	ND
2,3,5-Trimethylnaphthalene	5.43	4.50	3.47	6.43	5.49	ND
Acenaphthylene	47.92	40.69	30.61	60.38	50.98	14.15
Acenaphthene	19.58	14.86	9.18	16.36	20.39	7.73
Fluorene	26.39	26.11	13.29	27.17	34.71	14.22
Diethylphthalate	29.31	24.03	12.69	7.45	54.90	9.07
Phenanthrene	161.11	135.00	69.59	133.96	163.14	42.68
Anthracene	56.11	64.86	41.43	90.00	70.00	24.29
1-Methylphenanthrene	26.25	24.44	9.82	20.38	28.24	7.39
Di-N-butylphthalate	33.19	21.67	35.31	40.57	28.24	66.34
Fluoranthene	501.39	461.11	314.29	684.91	574.51	134.15
Pyrene	547.22	545.83	404.08	764.15	717.65	132.44
Kepone	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	180.00	194.29	124.04	276.00	226.53	42.05
Chrysene	224.29	301.43	170.00	384.00	283.67	46.15
Butylbenzylphthalate	ND	11.79	10.94	16.54	16.45	ND
Bis(2-ethylhexyl)phthalate	270.00	945.71	121.06	492.00	346.94	85.90
Di-N-octylphthalate	ND	ND	ND	ND	ND	19.21
Benzo(b)fluoranthene	250.00	292.86	175.11	380.00	357.14	54.10
Benzo(k)fluoranthene	222.86	250.00	174.26	378.00	300.00	45.64
Benzo(e)pyrene	220.00	237.14	151.70	324.00	300.00	40.77
Benzo(a)pyrene	121.86	113.43	101.06	198.80	172.24	42.56
Perylene	662.86	680.00	721.28	1018.00	1108.16	1038.46
Indeno(1,2,3-c,d)pyrene	185.71	195.71	152.98	330.00	236.73	34.36
Dibenz(a,h)anthracene	43.00	46.71	35.11	74.40	56.33	6.59
Benzo(g,h,i)perylene	197.14	211.43	146.60	302.00	257.14	32.82
TOTAL PAH	3935.32	4015.78	2930.97	5602.61	5270.33	1884.07
Low PAH	578.99	485.84	260.47	488.35	680.21	233.97
High PAH	3356.33	3529.94	2670.50	5114.26	4590.12	1650.10
Total Phthalates	338.40	1007.54	183.14	566.22	453.60	180.52

SITE_ID	ORT15	ORT16	ORT18	ORT19	ORT20	ORT21
BATCH_ID	98-076	98-337	98-337	98-356	98-337	98-119
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	ND	7.15	7.35	1.38	5.21	ND
Naphthalene	50.85	107.65	154.19	80.12	14.18	61.93
2-Methylnaphthalene	24.07	31.47	47.42	82.23	8.82	18.42
1-Methylnaphthalene	12.00	14.74	27.35	57.34	4.68	9.11
Biphenyl	7.43	12.24	14.26	10.40	2.36	8.41
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	11.88	15.00	24.00	26.34	3.43	8.24
Dimethylphthalate	23.33	ND	ND	24.19	ND	2.68
2,3,5-Trimethylnaphthalene	5.38	8.76	12.32	14.52	1.80	2.72
Acenaphthylene	45.06	40.60	43.20	95.60	2.13	31.49
Acenaphthene	24.20	14.82	22.20	28.71	0.98	10.82
Fluorene	38.89	28.60	35.60	49.35	3.83	17.57
Diethylphthalate	28.27	8.22	8.74	3.70	12.94	6.54
Phenanthrene	149.38	108.80	129.60	287.44	11.34	80.68
Anthracene	139.51	85.60	90.20	247.13	5.43	46.76
1-Methylphenanthrene	25.06	19.74	24.60	46.55	3.87	13.92
Di-N-butylphthalate	55.56	40.60	33.60	48.63	51.28	21.08
Fluoranthene	981.48	466.00	526.00	1432.50	54.89	371.62
Pyrene	1029.63	498.00	548.00	1128.85	59.36	441.89
Kepone	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	383.13	185.71	197.39	610.20	16.23	150.70
Chrysene	573.49	242.86	271.74	820.69	19.38	188.73
Butylbenzylphthalate	34.46	8.55	10.67	17.94	3.58	ND
Bis(2-ethylhexyl)phthalate	120.24	147.35	297.83	221.01	68.13	75.92
Di-N-octylphthalate	ND	37.14	347.83	12.00	45.63	ND
Benzo(b)fluoranthene	601.20	236.73	236.96	637.57	26.46	215.49
Benzo(k)fluoranthene	536.14	212.24	206.96	558.14	21.67	184.51
Benzo(e)pyrene	473.49	171.43	181.74	417.02	18.46	180.28
Benzo(a)pyrene	450.60	185.31	188.91	491.45	15.73	164.79
Perylene	618.07	1477.55	1504.35	336.23	1435.42	1345.07
Indeno(1,2,3-c,d)pyrene	412.05	146.53	157.61	354.83	18.17	160.56
Dibenz(a,h)anthracene	85.06	31.84	34.13	82.77	3.00	36.20
Benzo(g,h,i)perylene	389.16	117.96	160.22	251.11	21.46	149.30
TOTAL PAH	7067.23	4460.18	4838.95	8147.09	1773.05	3899.20
Low PAH	533.71	488.01	624.95	1025.71	62.84	310.05
High PAH	6533.52	3972.16	4214.00	7121.37	1710.21	3589.15
Total Phthalates	261.86	241.86	698.67	327.47	181.55	106.21

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	ORT22	ORT23	ORT24	ORT25	ORT26	ORT27
BATCH_ID	98-356	98-119	98-119	98-120	98-120	98-076
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	1.78	ND	ND	ND	ND	ND
Naphthalene	52.63	64.81	76.38	44.56	54.34	45.56
2-Methylnaphthalene	28.78	15.19	34.14	26.32	30.38	21.90
1-Methylnaphthalene	15.33	8.63	14.62	13.98	14.62	10.49
Biphenyl	6.63	8.55	11.60	10.27	9.49	9.03
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	10.89	6.64	15.29	14.86	16.25	13.29
Dimethylphthalate	13.19	4.58	6.27	18.57	8.11	9.19
2,3,5-Trimethylnaphthalene	4.58	2.87	5.03	5.97	5.42	5.30
Acenaphthylene	44.10	29.85	46.43	57.14	43.47	35.95
Acenaphthene	10.42	9.76	18.86	26.57	13.11	15.06
Fluorene	19.12	17.31	30.00	41.86	24.17	22.03
Diethylphthalate	7.25	17.16	19.29	19.43	7.78	13.67
Phenanthrene	106.24	70.75	130.14	274.29	123.75	146.84
Anthracene	85.64	45.22	88.71	142.29	77.78	59.24
1-Methylphenanthrene	20.67	14.90	20.29	43.43	20.00	25.32
Di-N-butylphthalate	43.79	31.49	30.00	51.29	33.06	363.29
Fluoranthene	677.65	389.55	568.57	1280.00	654.17	840.51
Pyrene	741.74	450.75	700.00	1311.43	790.28	930.38
Kepone	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	277.46	150.00	256.72	551.56	291.04	354.55
Chrysene	381.97	192.31	362.69	1042.19	440.30	581.82
Butylbenzylphthalate	17.63	ND	16.72	48.28	24.63	34.94
Bis(2-ethylhexyl)phthalate	527.70	30.92	207.46	221.88	195.52	149.35
Di-N-octylphthalate	14.00	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	485.39	213.85	455.22	1289.06	555.22	711.69
Benzo(k)fluoranthene	392.42	167.69	379.10	937.50	413.43	571.43
Benzo(e)pyrene	350.23	164.62	382.09	962.50	425.37	546.75
Benzo(a)pyrene	347.87	155.38	332.84	828.13	374.63	519.48
Perylene	734.32	1476.92	1059.70	1237.50	1582.09	1727.27
Indeno(1,2,3-c,d)pyrene	341.65	146.00	359.70	1031.25	408.96	555.84
Dibenz(a,h)anthracene	71.17	31.38	75.07	196.88	84.48	111.69
Benzo(g,h,i)perylene	263.82	140.62	338.81	923.44	376.12	515.58
TOTAL PAH	5470.71	3973.55	5761.99	12292.96	6828.86	8376.99
Low PAH	405.03	294.48	491.48	701.53	432.77	410.00
High PAH	5065.68	3679.07	5270.51	11591.43	6396.09	7966.99
Total Phthalates	623.55	84.16	279.74	359.44	269.09	570.44

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	ORT28	ORT29	ORT30	ORT31	ORT32	ORT33
BATCH_ID	98-120	98-076	98-191	98-120	98-120	98-356
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	ND	ND	ND	ND	ND	2.59
Naphthalene	36.94	4.91	20.00	70.45	49.17	35.53
2-Methylnaphthalene	20.16	2.13	4.36	44.39	26.83	21.62
1-Methylnaphthalene	9.71	1.20	2.47	23.48	12.93	13.78
Biphenyl	7.27	1.25	1.93	13.29	8.54	5.47
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	10.39	0.95	2.65	21.97	11.92	6.83
Dimethylphthalate	8.68	1.02	1.38	5.63	4.52	12.83
2,3,5-Trimethylnaphthalene	2.75	1.81	1.27	8.34	5.01	3.84
Acenaphthylene	37.14	1.25	9.13	62.89	40.12	37.56
Acenaphthene	11.21	0.57	2.25	26.71	14.46	29.14
Fluorene	19.09	1.90	3.38	29.34	19.28	31.18
Diethylphthalate	9.16	4.18	10.73	10.62	7.28	7.00
Phenanthrene	90.91	6.85	20.33	285.53	144.58	565.16
Anthracene	62.08	2.10	10.10	106.45	70.12	115.16
1-Methylphenanthrene	17.92	1.59	3.25	49.47	30.00	49.71
Di-N-butylphthalate	67.01	15.57	14.37	34.87	21.08	33.93
Fluoranthene	507.79	33.42	78.17	1282.89	734.94	2265.87
Pyrene	620.78	50.00	62.67	1232.89	759.04	1787.97
Kepone	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	230.67	10.58	29.82	592.54	315.38	785.78
Chrysene	361.33	16.79	34.74	738.81	419.23	1368.49
Butylbenzylphthalate	17.07	33.59	1.84	120.60	32.82	79.41
Bis(2-ethylhexyl)phthalate	103.20	6.67	28.07	304.48	80.38	1420.47
Di-N-octylphthalate	ND	ND	ND	ND	ND	112.11
Benzo(b)fluoranthene	444.00	17.18	39.12	1035.82	570.51	1676.76
Benzo(k)fluoranthene	344.00	14.87	39.30	761.19	439.74	1224.29
Benzo(e)pyrene	344.00	13.33	36.32	802.99	450.00	1145.77
Benzo(a)pyrene	309.33	12.36	28.07	864.18	432.05	1181.70
Perylene	838.67	520.51	43.86	1129.85	785.90	382.73
Indeno(1,2,3-c,d)pyrene	325.33	11.47	40.18	922.39	458.97	1263.23
Dibenz(a,h)anthracene	65.60	2.05	7.93	174.63	95.00	285.14
Benzo(g,h,i)perylene	302.67	10.33	38.25	847.76	414.10	956.32
TOTAL PAH	5019.74	739.41	559.55	11128.27	6307.83	15239.02
Low PAH	325.57	26.51	81.13	742.33	432.96	914.98
High PAH	4694.17	712.90	478.41	10385.94	5874.87	14324.04
Total Phthalates	205.11	61.02	56.40	476.19	146.08	1665.75

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
FIELD SAMPLE DATA
8270M- SURROGATE CORRECTED

SITE_ID	ORT34	ORT35	ORT36	ORT37	ORT38	ORT39
BATCH_ID	98-337	98-119	98-120	98-191	98-119	98-191
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	5.39	ND	ND	ND	ND	1.26
Naphthalene	59.70	34.92	30.17	50.38	58.54	44.18
2-Methylnaphthalene	19.42	12.77	13.36	20.75	20.06	14.81
1-Methylnaphthalene	11.58	6.18	7.36	10.55	8.77	6.52
Biphenyl	9.61	5.74	5.38	9.07	8.87	7.70
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND	ND	ND	ND
2,6-Dimethylnaphthalene	8.69	5.68	5.39	10.37	9.19	6.43
Dimethylphthalate	4.08	4.38	2.59	5.55	2.69	3.43
2,3,5-Trimethylnaphthalene	3.20	3.01	2.25	4.06	3.83	3.17
Acenaphthylene	27.29	23.68	24.34	31.94	42.04	23.60
Acenaphthene	8.08	6.71	7.18	10.34	9.93	6.71
Fluorene	14.17	11.32	13.03	19.40	16.94	13.60
Diethylphthalate	19.49	6.20	4.45	17.01	5.09	8.60
Phenanthrene	71.86	62.11	58.68	111.19	77.96	55.00
Anthracene	43.22	38.55	39.21	59.40	59.26	32.56
1-Methylphenanthrene	11.41	13.55	12.83	20.30	11.72	10.64
Di-N-butylphthalate	61.02	17.76	14.34	30.60	36.11	35.70
Fluoranthene	325.42	317.11	315.79	586.57	394.44	295.35
Pyrene	400.00	394.74	419.74	719.40	587.04	450.00
Kepone	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	133.27	133.92	139.19	251.56	160.59	116.09
Chrysene	173.27	200.00	209.46	418.75	225.49	147.13
Butylbenzylphthalate	14.07	12.70	13.26	20.16	25.49	6.55
Bis(2-ethylhexyl)phthalate	236.36	34.32	922.97	79.53	41.57	23.68
Di-N-octylphthalate	26.00	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	216.36	255.41	263.51	503.13	254.90	156.32
Benzo(k)fluoranthene	198.18	198.65	210.81	414.06	250.98	141.38
Benzo(e)pyrene	169.82	202.70	209.46	407.81	241.18	139.08
Benzo(a)pyrene	162.91	174.32	182.43	348.44	166.47	125.29
Perylene	1776.36	1391.89	1405.41	1796.88	1980.39	2390.80
Indeno(1,2,3-c,d)pyrene	167.64	193.24	204.05	401.56	260.78	109.08
Dibenz(a,h)anthracene	33.27	38.51	40.54	78.44	55.49	24.60
Benzo(g,h,i)perylene	138.55	186.49	191.89	376.56	241.18	135.63
TOTAL PAH	4183.30	3911.20	4011.47	6660.93	5146.05	4455.68
Low PAH	288.24	224.22	219.18	357.77	327.12	224.93
High PAH	3895.06	3686.98	3792.28	6303.16	4818.93	4230.75
Total Phthalates	361.03	75.37	957.61	152.85	110.95	77.96

SITE_ID	ORT39-1	ORT40	ORT41
BATCH_ID	98-076	98-337	98-191
MATRIX	Sediment	Sediment	Sediment
ANAL_MET	8270-MOD	8270-MOD	8270-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
Isophorone	7.66	ND	2.24
Naphthalene	40.00	36.23	15.27
2-Methylnaphthalene	15.40	15.23	4.63
1-Methylnaphthalene	7.74	8.60	2.57
Biphenyl	7.38	6.93	4.32
2-Chloronaphthalene	ND	ND	ND
1-Chloronaphthalene	ND	ND	ND
2,6-Dimethylnaphthalene	9.54	9.17	2.27
Dimethylphthalate	5.48	4.13	ND
2,3,5-Trimethylnaphthalene	2.19	3.77	1.05
Acenaphthylene	17.62	39.50	6.30
Acenaphthene	4.51	12.67	1.58
Fluorene	9.79	14.00	4.36
Diethylphthalate	9.84	12.70	6.75
Phenanthrene	38.25	75.00	18.44
Anthracene	24.76	54.83	10.17
1-Methylphenanthrene	6.38	13.97	7.13
Di-N-butylphthalate	28.41	19.83	17.01
Fluoranthene	238.10	381.67	90.13
Pyrene	285.71	601.67	126.75
Kepone	ND	ND	ND
Benzo(a)anthracene	74.50	174.11	30.41
Chrysene	94.50	271.43	40.81
Butylbenzylphthalate	61.00	41.43	8.27
Bis(2-ethylhexyl)phthalate	400.00	108.93	204.05
Di-N-octylphthalate	22.33	ND	55.41
Benzo(b)fluoranthene	118.67	300.00	51.22
Benzo(k)fluoranthene	103.67	271.43	44.19
Benzo(e)pyrene	90.17	262.50	38.24
Benzo(a)pyrene	83.83	142.86	34.19
Perylene	2450.00	1532.14	1418.92
Indeno(1,2,3-c,d)pyrene	90.00	296.43	38.24
Dibenz(a,h)anthracene	17.17	63.39	6.64
Benzo(g,h,i)perylene	70.17	275.00	33.11
TOTAL PAH	3900.05	4862.51	2030.95
Low PAH	183.57	289.89	78.11
High PAH	3716.48	4572.62	1952.84
Total Phthalates	527.06	187.02	291.50

Appendix C. PCB, Pesticide, and other Chlorinated Compound (Method 8081M) Data

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8081M- SURROGATE CORRECTED

SITE_ID	BAY01	BOL04	BUCK03	CDRC01	CO06	DUN01
BATCH_ID	98-337	97-089	97-089	98-356	97-089	98-337
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	ND	1.35	1.45	ND	1.76	ND
1,2,4-Trichlorobenzene	ND	2.54	4.88	1.41	4.42	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	5.78	9.02	ND	12.96	ND
1,4-Dichlorobenzene	ND	7.71	ND	4.22	2.38	26.72
Hexachlorobenzene	ND	ND	0.28	ND	ND	ND
Hexachlorobutadiene	ND	0.28	ND	ND	0.23	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	0.42	0.43	ND	0.61	ND
2,4-DDD	ND	2.37	2.23	0.88	2.39	0.44
4,4-DDD	2.13	6.45	0.56	2.17	3.00	2.67
2,4-DDE	ND	ND	ND	ND	ND	ND
4,4-DDE	3.48	4.81	3.62	3.33	4.98	2.32
2,4-DDT	ND	ND	ND	ND	ND	ND
4,4-DDT	2.61	0.51	ND	1.35	ND	1.60
Aldrin	ND	ND	ND	1.21	ND	0.14
a-BHC	ND	ND	ND	ND	ND	ND
b-BHC	ND	0.11	ND	ND	0.23	ND
d-BHC	ND	ND	ND	ND	ND	ND
g-BHC	ND	0.36	0.40	ND	0.64	ND
Cis-chlordane	0.19	0.31	ND	ND	1.27	0.16
g-Chlordane	ND	0.27	ND	ND	2.05	ND
Cis-nonachlor	0.48	2.00	0.10	0.47	1.87	0.74
Dieldrin	ND	0.67	0.35	0.42	0.85	ND
Dursban	ND	0.20	ND	0.29	0.31	0.49
Endosulfan I	ND	ND	ND	ND	ND	ND
Endosulfan II	ND	1.02	0.41	ND	ND	ND
Endosulfan sulfate	0.37	3.46	ND	0.41	ND	0.49
Endrin	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	0.06	ND	ND	ND	ND
Endrin ketone	0.36	ND	ND	1.57	ND	ND
Heptachlor	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.13	ND	ND	0.48	ND	0.31
Methoxychlor	ND	0.77	ND	ND	ND	ND
Mirex	ND	ND	ND	ND	ND	ND
Oxychlordane	ND	ND	ND	ND	0.34	0.38
Trans-nonachlor	0.16	0.39	ND	ND	0.77	ND
Cl2(08)	ND	1.41	2.18	ND	1.95	ND
Cl3(18)	ND	0.54	ND	0.11	2.06	ND
Cl3(28)	ND	2.95	4.72	ND	7.04	ND
Cl4(44)	ND	1.89	0.79	0.37	6.17	ND
Cl4(52)	1.07	4.32	4.07	1.52	8.50	0.15
Cl4(66)	0.58	0.96	ND	0.56	6.35	ND
Cl4(77)	ND	ND	0.22	ND	0.97	0.51
Cl5(101)	4.24	5.90	6.51	4.92	6.08	3.21
Cl5(105)	1.44	1.30	0.65	1.47	1.59	3.51
Cl5(110)	3.43	6.23	6.54	4.79	7.12	0.99
Cl5(118)	2.36	4.08	3.33	3.52	6.47	0.82
Cl5(126)	2.10	ND	ND	2.45	ND	7.96
Cl6(128)	ND	1.55	0.62	ND	1.86	ND
Cl6(129)	ND	0.98	0.25	ND	1.73	ND
Cl6(138)	6.25	8.22	14.31	7.47	7.54	1.10
Cl6(153)	7.51	9.78	9.91	8.86	8.84	2.25
Cl6(169)	ND	ND	3.77	ND	ND	ND
Cl7(170)	2.66	1.86	1.58	2.58	2.41	ND
Cl7(180)	3.43	3.40	3.61	3.54	3.87	1.16
Cl7(187)	2.23	2.91	2.74	3.08	2.94	ND
Cl8(195)	0.38	3.14	0.69	0.38	0.80	0.02
Cl9(206)	0.33	0.35	0.36	0.76	0.60	ND
Cl10(209)	0.26	9.76	ND	0.94	0.36	ND
DDT	2.61	0.51	ND	1.35	ND	1.60
DDD	2.13	8.82	2.79	3.05	5.39	3.11
DDE	3.48	4.81	3.62	3.33	4.98	2.32
Total DDTs	8.22	14.14	6.41	7.73	10.37	7.02
BHCs	ND	0.47	0.40	ND	0.86	ND
Chlordanes	0.19	0.58	ND	ND	3.66	0.54
Endosulfans	0.37	4.47	0.41	0.41	ND	0.49
PCBs	38.27	70.11	64.68	47.34	83.30	21.68
Other Chlorinated	ND	18.08	15.78	5.63	22.36	26.72

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8081M- SURROGATE CORRECTED

SITE_ID	GC02	HSP05	JUL02	LSJ01	LSJ02	LSJ03
BATCH_ID	98-337	97-089	98-337	96-178	96-178	96-146
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	ND	2.29	ND	ND	ND	0.25
1,2,4-Trichlorobenzene	ND	4.19	ND	0.77	0.92	1.34
1,2-Dichlorobenzene	ND	0.41	ND	ND	ND	7.71
1,3-Dichlorobenzene	ND	4.16	ND	ND	ND	13.23
1,4-Dichlorobenzene	10.26	2.06	13.78	6.99	9.43	29.44
Hexachlorobenzene	ND	0.18	ND	ND	0.33	0.14
Hexachlorobutadiene	ND	0.20	ND	ND	ND	1.08
Hexachlorocyclopentadiene	ND	0.87	ND	ND	ND	0.85
Hexachloroethane	ND	0.25	ND	ND	ND	0.32
2,4-DDD	0.32	3.22	ND	4.18	3.32	0.68
4,4-DDD	1.03	4.60	2.28	9.12	4.90	2.97
2,4-DDE	ND	ND	ND	0.33	0.09	ND
4,4-DDE	1.27	7.23	3.60	6.29	4.75	2.86
2,4-DDT	ND	ND	ND	3.12	0.39	ND
4,4-DDT	ND	5.71	ND	7.30	4.52	1.64
Aldrin	0.11	ND	ND	1.58	ND	ND
a-BHC	ND	ND	ND	ND	ND	0.57
b-BHC	ND	0.37	ND	ND	ND	ND
d-BHC	ND	ND	ND	ND	ND	ND
g-BHC	ND	0.37	ND	1.08	1.59	ND
Cis-chlordane	0.19	0.29	0.12	2.08	1.82	0.66
g-Chlordane	0.29	0.37	ND	1.41	2.29	0.95
Cis-nonachlor	0.22	1.26	0.43	ND	ND	0.63
Dieldrin	ND	0.57	ND	1.63	1.60	0.64
Dursban	ND	0.40	ND	ND	ND	1.34
Endosulfan I	ND	ND	ND	ND	ND	ND
Endosulfan II	ND	1.09	ND	4.21	1.66	0.38
Endosulfan sulfate	0.19	3.27	0.42	4.10	1.76	0.81
Endrin	ND	0.19	ND	ND	ND	ND
Endrin aldehyde	ND	0.92	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	3.76	2.49	4.24
Heptachlor	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	1.30
Mirex	ND	0.10	ND	ND	ND	1.07
Oxychlordane	0.16	ND	ND	ND	ND	ND
Trans-nonachlor	0.13	0.42	ND	0.64	1.12	0.66
Cl2(08)	ND	0.72	ND	0.72	ND	4.20
Cl3(18)	0.10	0.50	ND	0.94	1.40	0.64
Cl3(28)	0.53	1.79	ND	2.10	3.04	1.01
Cl4(44)	ND	3.01	ND	3.86	1.92	1.84
Cl4(52)	0.60	5.90	0.71	9.66	3.62	3.69
Cl4(66)	0.06	3.05	0.59	3.07	1.65	1.71
Cl4(77)	0.47	0.55	ND	ND	0.39	0.37
Cl5(101)	1.52	12.31	4.98	18.57	5.95	6.41
Cl5(105)	0.50	3.34	0.78	5.42	1.02	0.99
Cl5(110)	1.19	11.56	4.66	20.91	6.94	6.69
Cl5(118)	0.76	8.50	2.64	13.99	3.75	3.35
Cl5(126)	0.79	0.70	ND	ND	ND	ND
Cl6(128)	ND	3.38	ND	4.61	1.28	1.61
Cl6(129)	ND	3.19	ND	1.24	ND	0.11
Cl6(138)	1.04	16.30	7.27	28.84	10.58	6.93
Cl6(153)	2.41	20.54	10.55	35.29	12.69	12.05
Cl6(169)	ND	0.26	ND	1.75	ND	ND
Cl7(170)	0.57	5.91	3.81	10.22	2.70	5.73
Cl7(180)	1.23	10.40	2.58	14.59	5.23	4.41
Cl7(187)	0.74	5.96	3.44	8.66	4.37	4.28
Cl8(195)	0.20	1.49	0.61	2.81	1.58	0.63
Cl9(206)	0.15	1.83	0.75	2.48	2.66	1.51
Cl10(209)	ND	0.19	ND	2.55	7.55	0.28
DDT	ND	5.71	ND	10.42	4.91	1.64
DDD	1.35	7.82	2.28	13.30	8.22	3.65
DDE	1.27	7.23	3.60	6.62	4.83	2.86
Total DDTs	2.62	20.76	5.88	30.34	17.97	8.15
BHCs	ND	0.74	ND	1.08	1.59	0.57
Chlordanes	0.64	0.66	0.12	3.49	4.11	1.61
Endosulfans	0.19	4.36	0.42	8.31	3.42	1.19
PCBs	12.84	120.66	43.37	191.58	78.32	64.24
Other Chlorinated	10.26	14.43	13.78	7.76	10.35	54.23

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8081M- SURROGATE CORRECTED

SITE_ID	LSJ04	LSJ05	LSJ06	LSJ07	LSJ08	LSJ09
BATCH_ID	96-146	96-146	96-146	96-146	96-146	96-146
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	0.06	0.18	0.17	0.19	0.24	0.17
1,2,4-Trichlorobenzene	0.31	1.25	0.94	1.77	1.06	1.75
1,2-Dichlorobenzene	1.92	6.57	7.00	7.26	5.45	5.63
1,3-Dichlorobenzene	4.76	10.32	6.56	13.02	11.65	13.64
1,4-Dichlorobenzene	9.77	27.77	15.34	39.60	25.37	35.98
Hexachlorobenzene	0.06	0.26	0.11	0.06	ND	ND
Hexachlorobutadiene	0.23	1.02	0.85	1.33	1.42	1.54
Hexachlorocyclopentadiene	0.14	0.73	0.42	0.73	0.64	0.84
Hexachloroethane	0.04	0.17	0.19	0.29	0.11	0.09
2,4-DDD	0.15	0.14	0.20	0.91	1.43	0.08
4,4-DDD	0.83	3.96	0.73	1.23	2.25	1.20
2,4-DDE	ND	2.36	0.33	1.38	ND	ND
4,4-DDE	0.68	3.21	1.56	2.25	4.55	1.41
2,4-DDT	0.39	1.10	0.21	ND	0.82	0.70
4,4-DDT	0.40	1.65	1.04	1.82	1.16	0.89
Aldrin	ND	ND	ND	ND	ND	ND
a-BHC	0.35	1.47	0.56	ND	ND	ND
b-BHC	ND	ND	ND	ND	ND	ND
d-BHC	ND	ND	ND	ND	ND	ND
g-BHC	ND	ND	0.26	ND	0.22	ND
Cis-chlordane	0.18	0.75	0.64	1.12	0.50	0.53
g-Chlordane	ND	1.69	0.23	1.07	0.14	0.47
Cis-nonachlor	ND	ND	ND	ND	0.53	0.06
Dieldrin	0.28	0.25	0.42	1.17	0.37	0.65
Dursban	0.21	1.04	0.24	2.77	0.11	0.82
Endosulfan I	ND	ND	ND	ND	ND	ND
Endosulfan II	0.32	0.90	0.22	0.36	0.49	0.32
Endosulfan sulfate	ND	ND	ND	0.44	2.28	ND
Endrin	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND	0.14
Endrin ketone	1.31	3.17	0.43	3.01	1.99	1.61
Heptachlor	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	1.95	0.13	0.29
Methoxychlor	0.37	3.20	2.99	3.70	3.94	2.87
Mirex	0.08	1.24	0.74	0.98	0.44	0.39
Oxychlordane	ND	ND	ND	ND	ND	ND
Trans-nonachlor	0.14	0.63	ND	0.41	0.39	0.25
Cl2(08)	0.92	4.13	3.30	4.35	4.88	3.77
Cl3(18)	0.73	ND	0.76	0.57	0.93	ND
Cl3(28)	0.32	1.25	0.25	0.85	0.96	0.42
Cl4(44)	0.85	1.41	0.49	1.62	2.24	0.91
Cl4(52)	2.02	3.05	1.02	1.90	6.32	1.30
Cl4(66)	0.92	0.52	0.43	0.38	2.60	0.43
Cl4(77)	ND	ND	ND	ND	1.23	0.45
Cl5(101)	4.02	5.38	2.36	4.04	13.20	2.40
Cl5(105)	0.90	0.81	0.24	0.69	0.96	0.36
Cl5(110)	4.47	5.90	2.60	3.97	9.19	2.30
Cl5(118)	2.61	2.74	0.77	1.78	5.59	1.31
Cl5(126)	ND	ND	ND	ND	ND	ND
Cl6(128)	0.76	1.55	0.58	1.26	1.92	0.88
Cl6(129)	0.18	0.89	0.14	ND	0.55	0.11
Cl6(138)	4.67	7.33	2.60	3.96	9.95	3.08
Cl6(153)	6.43	9.88	4.26	6.97	23.11	4.93
Cl6(169)	ND	ND	ND	ND	ND	0.04
Cl7(170)	2.40	9.96	2.09	3.94	6.05	3.03
Cl7(180)	2.08	4.77	1.92	3.36	7.66	2.20
Cl7(187)	1.61	4.54	2.16	3.36	6.22	2.07
Cl8(195)	0.26	0.79	0.33	2.47	1.16	0.72
Cl9(206)	0.33	1.63	0.66	1.54	1.48	0.52
Cl10(209)	0.18	ND	0.13	ND	0.28	ND
DDT	0.79	2.75	1.25	1.82	1.98	1.59
DDD	0.97	4.11	0.94	2.15	3.68	1.29
DDE	0.68	5.57	1.89	3.62	4.55	1.41
Total DDTs	2.44	12.43	4.07	7.59	10.20	4.29
BHCs	0.35	1.47	0.82	ND	0.22	ND
Chlordanes	0.18	2.45	0.87	2.19	0.64	1.00
Endosulfans	0.32	0.90	0.22	0.80	2.77	0.32
PCBs	35.73	62.41	23.81	42.64	101.61	27.48
Other Chlorinated	17.22	48.00	31.47	64.19	45.94	59.64

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8081M- SURROGATE CORRECTED

SITE_ID	LSJ10	LSJ11	LSJ12	LSJ13	LSJ14	LSJ15
BATCH_ID	96-146	96-146	96-146	96-140	96-140	96-140
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	0.06	0.21	0.11	0.05	0.13	0.03
1,2,4-Trichlorobenzene	0.42	2.30	1.72	0.45	0.91	0.20
1,2-Dichlorobenzene	2.86	10.68	10.68	5.84	8.06	2.20
1,3-Dichlorobenzene	2.84	9.89	11.94	2.89	5.95	1.54
1,4-Dichlorobenzene	5.87	29.82	35.02	8.73	17.59	3.93
Hexachlorobenzene	0.03	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.12	1.58	1.60	0.11	0.20	0.05
Hexachlorocyclopentadiene	0.16	0.95	3.34	0.32	1.39	0.13
Hexachloroethane	0.01	0.10	0.08	0.08	0.12	0.03
2,4-DDD	0.03	1.80	0.45	0.99	2.44	0.51
4,4-DDD	0.06	4.10	1.79	0.84	2.67	0.32
2,4-DDE	0.09	0.17	ND	ND	ND	ND
4,4-DDE	0.10	3.11	2.37	1.34	3.62	0.49
2,4-DDT	ND	ND	ND	ND	ND	ND
4,4-DDT	0.18	1.25	1.18	0.38	1.20	0.17
Aldrin	ND	ND	ND	ND	ND	ND
a-BHC	0.04	ND	0.57	0.51	1.57	0.31
b-BHC	ND	ND	ND	ND	ND	ND
d-BHC	ND	0.79	0.75	ND	ND	ND
g-BHC	ND	ND	ND	0.31	0.88	0.15
Cis-chlordane	0.03	0.63	0.46	0.10	0.22	0.02
g-Chlordane	0.07	0.40	0.38	0.47	1.13	0.15
Cis-nonachlor	ND	0.10	0.24	0.10	0.37	0.04
Dieldrin	0.08	0.74	0.64	0.52	0.96	0.19
Dursban	0.09	0.30	0.70	ND	ND	ND
Endosulfan I	ND	ND	ND	ND	ND	ND
Endosulfan II	ND	0.22	0.40	0.15	0.31	ND
Endosulfan sulfate	0.01	1.28	ND	0.65	2.01	0.26
Endrin	ND	ND	ND	0.14	0.28	ND
Endrin aldehyde	ND	ND	ND	ND	0.05	ND
Endrin ketone	0.15	1.89	1.82	0.31	1.59	0.16
Heptachlor	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	0.56	0.19	ND	ND	ND
Methoxychlor	0.04	3.11	3.39	ND	ND	ND
Mirex	0.12	0.33	0.40	0.19	0.61	0.08
Oxychlordane	ND	ND	ND	ND	ND	ND
Trans-nonachlor	0.02	0.38	0.31	0.17	0.54	0.08
Cl2(08)	0.22	4.94	4.78	ND	ND	ND
Cl3(18)	ND	0.93	0.36	0.13	0.35	0.10
Cl3(28)	0.08	1.25	0.42	0.21	0.83	0.19
Cl4(44)	0.07	2.04	1.03	0.33	0.68	0.08
Cl4(52)	0.07	6.79	1.68	0.86	1.77	0.21
Cl4(66)	0.04	1.89	1.18	0.42	1.05	0.28
Cl4(77)	ND	0.49	0.93	0.50	1.14	0.17
Cl5(101)	0.12	10.25	3.59	2.22	4.82	0.69
Cl5(105)	ND	0.49	0.54	0.32	0.94	0.09
Cl5(110)	0.11	9.97	3.73	2.26	4.99	0.71
Cl5(118)	0.05	4.59	1.83	1.09	2.48	0.31
Cl5(126)	ND	0.37	ND	ND	0.19	ND
Cl6(128)	0.05	0.75	1.11	0.52	1.37	0.16
Cl6(129)	0.01	0.26	0.31	0.05	0.23	0.05
Cl6(138)	0.19	5.13	4.36	2.18	5.80	0.72
Cl6(153)	0.21	19.60	7.45	4.04	9.92	1.35
Cl6(169)	ND	ND	ND	ND	ND	ND
Cl7(170)	0.13	4.63	3.71	2.06	5.49	0.64
Cl7(180)	0.10	5.43	2.87	1.55	4.31	0.53
Cl7(187)	0.16	4.75	3.04	1.30	3.45	0.53
Cl8(195)	ND	0.87	0.67	0.27	0.65	0.12
Cl9(206)	0.03	1.42	0.85	0.29	0.40	0.17
Cl10(209)	ND	0.51	0.08	0.26	0.30	0.05
DDT	0.18	1.25	1.18	0.38	1.20	0.17
DDD	0.09	5.89	2.24	1.83	5.11	0.84
DDE	0.19	3.28	2.37	1.34	3.62	0.49
Total DDTs	0.46	10.43	5.79	3.55	9.93	1.50
BHCs	0.04	0.79	1.33	0.82	2.45	0.46
Chlordanes	0.10	1.02	0.84	0.56	1.36	0.17
Endosulfans	0.01	1.50	0.40	0.80	2.32	0.26
PCBs	1.42	82.39	39.75	20.85	51.16	7.16
Other Chlorinated	12.35	55.52	64.49	18.46	34.35	8.12

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8081M- SURROGATE CORRECTED

SITE_ID	LSJ16	LSJ17	LSJ18	LSJ19	LSJ20	LSJ21
BATCH_ID	96-140	96-140	96-140	96-140	96-140	96-140
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	0.14	0.07	0.04	0.08	0.03	0.09
1,2,4-Trichlorobenzene	0.77	0.50	0.49	0.60	0.18	0.60
1,2-Dichlorobenzene	9.23	8.24	6.30	7.48	1.83	7.97
1,3-Dichlorobenzene	5.39	3.00	2.50	3.29	1.09	3.75
1,4-Dichlorobenzene	16.34	9.44	7.73	11.20	3.21	11.24
Hexachlorobenzene	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.16	0.15	0.09	0.18	0.05	0.14
Hexachlorocyclopentadiene	0.64	0.43	0.38	0.28	0.22	0.46
Hexachloroethane	0.13	0.12	0.06	0.12	0.03	0.15
2,4-DDD	1.93	0.42	0.91	0.14	0.07	0.33
4,4-DDD	1.87	1.54	1.13	0.28	0.16	0.26
2,4-DDE	ND	ND	0.07	ND	ND	ND
4,4-DDE	2.62	2.04	1.11	0.32	0.27	0.70
2,4-DDT	ND	ND	ND	ND	ND	ND
4,4-DDT	1.07	1.01	0.74	0.65	0.22	0.48
Aldrin	ND	ND	ND	ND	ND	ND
a-BHC	1.14	1.40	0.60	1.29	0.28	0.76
b-BHC	ND	ND	ND	ND	ND	ND
d-BHC	ND	ND	ND	ND	ND	ND
g-BHC	0.69	0.68	0.31	0.48	0.16	0.21
Cis-chlordane	0.22	0.11	0.27	0.18	ND	0.21
g-Chlordane	0.77	0.38	0.13	0.27	0.09	0.39
Cis-nonachlor	0.32	0.11	0.11	0.02	0.02	0.08
Dieldrin	0.90	0.50	0.40	2.01	0.27	0.68
Dursban	ND	ND	ND	ND	0.10	ND
Endosulfan I	ND	ND	0.19	0.08	0.16	0.23
Endosulfan II	0.14	0.18	0.08	ND	ND	0.13
Endosulfan sulfate	1.00	0.46	1.25	0.21	0.52	0.35
Endrin	ND	0.10	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND	0.02
Endrin ketone	0.73	0.45	0.66	0.13	0.22	0.64
Heptachlor	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	ND
Mirex	0.42	0.42	0.43	0.72	0.06	0.26
Oxychlordane	ND	ND	ND	ND	ND	ND
Trans-nonachlor	0.28	0.28	0.19	0.11	0.11	0.35
Cl2(08)	ND	ND	0.05	ND	ND	ND
Cl3(18)	0.29	0.20	0.14	ND	0.14	0.19
Cl3(28)	0.41	0.73	0.12	0.60	0.08	0.15
Cl4(44)	0.44	0.20	0.17	0.14	0.03	0.13
Cl4(52)	1.13	0.63	0.35	0.28	0.04	0.16
Cl4(66)	1.01	0.40	0.28	0.28	0.09	0.29
Cl4(77)	1.04	0.24	0.20	ND	ND	0.27
Cl5(101)	3.22	1.52	1.01	0.34	0.24	0.81
Cl5(105)	0.61	0.26	0.30	0.07	0.08	0.35
Cl5(110)	3.37	1.61	1.15	0.21	0.20	0.69
Cl5(118)	1.60	0.52	0.39	0.07	0.11	0.26
Cl5(126)	ND	0.19	0.17	0.41	0.02	0.47
Cl6(128)	0.77	0.58	0.41	0.44	0.11	0.35
Cl6(129)	0.29	0.16	0.15	0.20	0.04	0.19
Cl6(138)	3.63	1.81	2.23	0.26	0.40	0.83
Cl6(153)	6.52	2.86	3.39	0.43	0.42	1.19
Cl6(169)	0.04	0.09	ND	0.07	ND	0.02
Cl7(170)	3.67	1.64	4.04	0.47	0.33	1.06
Cl7(180)	2.76	1.26	5.50	0.24	0.21	0.45
Cl7(187)	2.35	1.67	2.49	0.47	0.22	0.55
Cl8(195)	0.40	0.25	0.68	ND	0.02	0.06
Cl9(206)	0.37	0.41	0.43	0.09	0.02	0.04
Cl10(209)	0.09	0.38	ND	ND	ND	ND
DDT	1.07	1.01	0.74	0.65	0.22	0.48
DDD	3.80	1.96	2.04	0.42	0.23	0.59
DDE	2.62	2.04	1.17	0.32	0.27	0.70
Total DDTs	7.50	5.00	3.96	1.39	0.73	1.77
BHCs	1.83	2.07	0.91	1.77	0.44	0.97
Chlordanes	0.98	0.48	0.40	0.45	0.09	0.60
Endosulfans	1.14	0.65	1.52	0.30	0.68	0.71
PCBs	34.01	17.62	23.60	5.08	2.79	8.52
Other Chlorinated	32.81	21.95	17.59	23.23	6.64	24.40

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8081M- SURROGATE CORRECTED

SITE_ID	LSJ22	LSJ23	LSJ24	LSJ25	LSJ26	LSJ27
BATCH_ID	96-140	96-158	96-158	96-158	96-158	96-158
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	0.05	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.40	0.24	0.36	0.50	0.07	0.54
1,2-Dichlorobenzene	6.07	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.99	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	8.20	3.08	5.23	5.68	1.33	6.88
Hexachlorobenzene	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.10	0.14	0.15	0.13	0.05	0.12
Hexachlorocyclopentadiene	0.94	ND	ND	ND	ND	ND
Hexachloroethane	0.11	0.07	0.10	0.10	0.02	0.10
2,4-DDD	0.19	ND	ND	ND	ND	ND
4,4-DDD	0.50	ND	0.70	1.81	ND	3.38
2,4-DDE	ND	ND	ND	ND	ND	ND
4,4-DDE	0.82	1.65	1.86	2.60	0.09	3.57
2,4-DDT	ND	ND	ND	ND	ND	ND
4,4-DDT	0.47	0.54	1.30	1.66	0.31	4.35
Aldrin	ND	ND	ND	ND	ND	ND
a-BHC	0.65	ND	ND	ND	ND	ND
b-BHC	ND	ND	ND	ND	ND	ND
d-BHC	ND	ND	ND	ND	ND	ND
g-BHC	0.38	1.16	0.26	0.71	0.04	2.84
Cis-chlordane	0.08	ND	ND	ND	ND	ND
g-Chlordane	0.37	3.47	0.35	ND	ND	ND
Cis-nonachlor	0.12	ND	0.17	0.24	ND	1.55
Dieldrin	0.52	ND	0.75	1.11	0.22	1.65
Dursban	ND	ND	ND	ND	ND	ND
Endosulfan I	0.46	ND	ND	ND	ND	ND
Endosulfan II	ND	ND	0.30	ND	0.03	0.82
Endosulfan sulfate	0.76	ND	ND	0.66	ND	ND
Endrin	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND	ND
Endrin ketone	0.73	5.58	0.68	1.93	0.22	8.14
Heptachlor	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	ND
Mirex	0.07	ND	ND	ND	ND	ND
Oxychlordane	ND	ND	ND	ND	ND	ND
Trans-nonachlor	0.35	ND	ND	ND	ND	ND
Cl2(08)	ND	ND	ND	ND	ND	ND
Cl3(18)	0.27	ND	ND	ND	ND	ND
Cl3(28)	0.18	ND	0.13	0.24	0.03	0.74
Cl4(44)	0.10	ND	ND	ND	ND	ND
Cl4(52)	0.15	0.27	0.68	0.78	0.08	1.21
Cl4(66)	0.23	ND	0.12	0.16	ND	0.76
Cl4(77)	ND	0.41	0.15	ND	0.01	0.81
Cl5(101)	0.80	0.49	1.39	1.90	0.07	2.31
Cl5(105)	0.29	ND	0.36	0.87	0.04	0.84
Cl5(110)	0.49	0.87	1.63	2.67	0.11	3.23
Cl5(118)	0.29	ND	0.58	0.47	0.03	1.43
Cl5(126)	0.07	ND	ND	ND	ND	ND
Cl6(128)	0.36	0.21	0.39	0.48	0.04	0.93
Cl6(129)	0.16	ND	ND	ND	ND	ND
Cl6(138)	0.87	1.27	2.06	2.68	0.22	3.89
Cl6(153)	1.13	1.98	2.84	4.56	0.24	5.73
Cl6(169)	ND	ND	ND	ND	ND	ND
Cl7(170)	0.87	0.44	0.83	1.18	0.10	1.54
Cl7(180)	0.48	0.25	0.86	1.57	0.04	2.10
Cl7(187)	0.47	0.46	0.69	1.24	0.05	2.56
Cl8(195)	ND	1.15	0.23	ND	0.13	0.55
Cl9(206)	0.16	0.75	0.42	0.44	0.55	2.14
Cl10(209)	ND	ND	ND	ND	ND	ND
DDT	0.47	0.54	1.30	1.66	0.31	4.35
DDD	0.69	ND	0.70	1.81	ND	3.38
DDE	0.82	1.65	1.86	2.60	0.09	3.57
Total DDTs	1.97	2.19	3.86	6.06	0.40	11.30
BHCs	1.03	1.16	0.26	0.71	0.04	2.84
Chlordanes	0.45	3.47	0.35	ND	ND	ND
Endosulfans	1.22	ND	0.30	0.66	0.03	0.82
PCBs	7.38	8.55	13.35	19.24	1.73	30.77
Other Chlorinated	18.84	3.52	5.85	6.41	1.48	7.64

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8081M- SURROGATE CORRECTED

SITE_ID	LSJ28	LSJ29	LSJ30	LSJ31	LSJ32	LSJ33
BATCH_ID	96-178	96-178	96-178	96-178	96-178	96-178
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	0.03
1,2,4-Trichlorobenzene	1.20	0.56	0.93	0.02	1.49	0.03
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	6.75	3.52	8.46	1.37	7.93	0.58
Hexachlorobenzene	ND	0.71	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND
2,4-DDD	2.53	ND	ND	ND	1.47	ND
4,4-DDD	3.99	ND	ND	ND	1.05	0.10
2,4-DDE	ND	ND	ND	ND	ND	ND
4,4-DDE	6.32	0.95	1.01	0.09	5.86	0.07
2,4-DDT	ND	ND	ND	ND	0.41	0.10
4,4-DDT	1.11	1.13	2.88	ND	3.12	0.04
Aldrin	ND	ND	ND	ND	ND	ND
a-BHC	ND	ND	ND	ND	ND	ND
b-BHC	ND	ND	ND	ND	ND	ND
d-BHC	ND	ND	ND	ND	ND	ND
g-BHC	1.14	0.54	4.37	ND	1.57	ND
Cis-chlordane	ND	ND	ND	ND	ND	0.04
g-Chlordane	ND	ND	ND	ND	ND	0.02
Cis-nonachlor	ND	ND	ND	ND	1.22	0.03
Dieldrin	0.29	ND	0.91	0.25	0.90	0.23
Dursban	ND	ND	ND	ND	ND	ND
Endosulfan I	ND	ND	ND	ND	ND	ND
Endosulfan II	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	1.20	ND	ND	ND	2.14	ND
Endrin	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND	ND
Endrin ketone	1.47	2.71	4.03	0.06	5.08	0.15
Heptachlor	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	ND
Mirex	ND	ND	ND	ND	ND	ND
Oxychlordane	ND	ND	ND	ND	ND	ND
Trans-nonachlor	ND	ND	ND	ND	ND	0.04
Cl2(08)	ND	ND	ND	ND	ND	ND
Cl3(18)	ND	ND	ND	ND	ND	ND
Cl3(28)	1.89	1.04	4.13	0.24	2.70	0.08
Cl4(44)	0.85	ND	ND	ND	1.42	0.20
Cl4(52)	1.67	0.26	ND	ND	3.05	0.48
Cl4(66)	0.43	ND	ND	ND	1.21	0.23
Cl4(77)	0.54	ND	ND	ND	ND	ND
Cl5(101)	3.98	0.30	ND	ND	7.07	1.06
Cl5(105)	0.91	0.69	ND	ND	1.76	0.41
Cl5(110)	4.66	1.22	1.11	0.03	8.33	1.00
Cl5(118)	2.16	0.59	0.59	ND	4.02	0.83
Cl5(126)	ND	ND	ND	ND	ND	ND
Cl6(128)	0.77	0.19	ND	ND	1.82	0.21
Cl6(129)	ND	ND	ND	ND	ND	0.06
Cl6(138)	5.28	2.00	0.88	0.14	9.46	1.15
Cl6(153)	7.90	2.08	ND	0.01	12.76	1.07
Cl6(169)	ND	ND	ND	ND	ND	ND
Cl7(170)	2.97	0.70	0.23	0.09	3.72	0.17
Cl7(180)	3.23	0.82	1.65	ND	5.42	0.21
Cl7(187)	2.54	0.55	ND	ND	3.74	0.10
Cl8(195)	0.13	ND	ND	ND	1.04	ND
Cl9(206)	0.38	ND	ND	ND	0.35	ND
Cl10(209)	ND	ND	ND	ND	ND	ND
DDT	1.11	1.13	2.88	ND	3.53	0.14
DDD	6.51	ND	ND	ND	2.52	0.10
DDE	6.32	0.95	1.01	0.09	5.86	0.07
Total DDTs	13.94	2.09	3.90	0.09	11.91	0.31
BHCs	1.14	0.54	4.37	ND	1.57	ND
Chlordanes	ND	ND	ND	ND	ND	0.06
Endosulfans	1.20	ND	ND	ND	2.14	ND
PCBs	40.29	10.45	8.59	0.51	67.89	7.25
Other Chlorinated	7.94	4.08	9.39	1.39	9.42	0.64

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8081M- SURROGATE CORRECTED

SITE_ID	LSJ35	LSJ36	LSJ37	LSJ39	LSJ40	LSJRC01
BATCH_ID	96-158	96-158	96-158	96-158	96-158	96-234
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	0.04	0.03	0.03	0.47	1.23
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.76
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	2.10
1,4-Dichlorobenzene	6.01	1.73	1.06	1.07	6.56	9.26
Hexachlorobenzene	ND	ND	ND	ND	ND	0.15
Hexachlorobutadiene	ND	ND	0.03	ND	0.19	0.05
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.14	0.01	0.03	0.02	0.09	0.13
2,4-DDD	ND	ND	ND	ND	ND	0.73
4,4-DDD	3.43	ND	ND	ND	ND	0.61
2,4-DDE	ND	ND	ND	ND	ND	ND
4,4-DDE	1.69	0.07	0.01	0.03	2.56	ND
2,4-DDT	ND	ND	ND	ND	ND	1.07
4,4-DDT	1.38	0.24	0.05	0.12	2.01	1.62
Aldrin	ND	ND	ND	ND	ND	ND
a-BHC	ND	ND	ND	ND	ND	ND
b-BHC	ND	ND	ND	ND	ND	ND
d-BHC	ND	ND	ND	ND	ND	ND
g-BHC	1.65	0.62	0.06	ND	0.95	1.02
Cis-chlordane	ND	ND	ND	ND	ND	0.26
g-Chlordane	1.02	ND	ND	ND	ND	ND
Cis-nonachlor	0.79	ND	ND	ND	ND	ND
Dieldrin	2.16	0.13	0.18	0.14	ND	ND
Dursban	ND	ND	ND	ND	ND	ND
Endosulfan I	0.32	ND	ND	ND	ND	ND
Endosulfan II	1.01	ND	0.02	ND	ND	1.15
Endosulfan sulfate	ND	ND	ND	ND	ND	1.49
Endrin	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND	ND
Endrin ketone	ND	0.33	ND	ND	6.13	ND
Heptachlor	ND	ND	ND	ND	ND	0.18
Heptachlor epoxide	1.81	ND	0.08	0.16	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	ND
Mirex	ND	ND	ND	ND	ND	ND
Oxychlordane	ND	ND	ND	ND	ND	ND
Trans-nonachlor	0.51	0.06	ND	ND	ND	ND
Cl2(08)	ND	ND	ND	ND	ND	0.59
Cl3(18)	0.56	ND	ND	ND	ND	ND
Cl3(28)	ND	ND	ND	ND	ND	3.74
Cl4(44)	ND	ND	ND	ND	ND	ND
Cl4(52)	0.78	0.03	ND	0.11	ND	1.29
Cl4(66)	0.20	0.04	ND	ND	ND	0.25
Cl4(77)	0.59	0.05	ND	ND	0.35	ND
Cl5(101)	0.66	0.02	ND	ND	ND	2.44
Cl5(105)	0.38	ND	ND	ND	ND	1.36
Cl5(110)	1.33	0.19	ND	ND	0.56	1.99
Cl5(118)	0.41	ND	ND	ND	ND	1.52
Cl5(126)	4.26	ND	ND	0.09	ND	2.63
Cl6(128)	0.62	ND	ND	ND	ND	0.39
Cl6(129)	ND	ND	ND	ND	ND	1.25
Cl6(138)	1.27	0.93	0.02	0.02	ND	3.36
Cl6(153)	2.24	0.07	ND	0.02	1.62	3.32
Cl6(169)	ND	ND	ND	ND	ND	ND
Cl7(170)	1.22	0.23	ND	0.04	ND	0.50
Cl7(180)	0.53	ND	ND	ND	ND	1.15
Cl7(187)	0.83	0.04	ND	ND	ND	1.31
Cl8(195)	0.19	0.03	ND	ND	ND	0.39
Cl9(206)	0.86	ND	0.08	0.03	ND	ND
Cl10(209)	ND	ND	ND	ND	ND	ND
DDT	1.38	0.24	0.05	0.12	2.01	2.69
DDD	3.43	ND	ND	ND	ND	1.33
DDE	1.69	0.07	0.01	0.03	2.56	ND
Total DDTs	6.50	0.31	0.06	0.15	4.57	4.02
BHCs	1.65	0.62	0.06	ND	0.95	1.02
Chlordanes	1.02	ND	ND	ND	ND	0.26
Endosulfans	1.33	ND	0.02	ND	ND	2.64
PCBs	16.92	1.64	0.09	0.31	2.53	26.89
Other Chlorinated	6.15	1.78	1.15	1.11	7.32	14.53

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8081M- SURROGATE CORRECTED

SITE_ID	LSJRC02	LSJRC03	LSJRC04	LSJRC05	LSJRC06	LSJRC07
BATCH_ID	96-234	96-234	96-234	96-234	96-234	96-234
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	2.87	1.93	0.54	0.15	9.19	0.88
1,2-Dichlorobenzene	8.25	6.21	4.43	1.13	11.60	1.79
1,3-Dichlorobenzene	5.34	4.48	1.28	0.53	14.90	1.75
1,4-Dichlorobenzene	26.55	19.44	8.37	4.50	45.17	5.87
Hexachlorobenzene	0.53	0.25	0.14	0.07	1.50	0.15
Hexachlorobutadiene	0.10	0.04	0.02	0.01	0.39	0.04
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.35	0.18	0.10	0.04	0.46	0.12
2,4-DDD	2.01	3.44	0.21	0.06	1.59	ND
4,4-DDD	3.21	1.36	0.55	ND	7.75	0.50
2,4-DDE	ND	ND	ND	ND	0.32	ND
4,4-DDE	1.84	2.57	0.41	ND	ND	0.06
2,4-DDT	2.12	2.85	0.50	ND	2.47	0.65
4,4-DDT	2.99	1.39	0.76	0.50	6.19	1.84
Aldrin	ND	ND	ND	ND	ND	ND
a-BHC	ND	ND	ND	ND	ND	ND
b-BHC	ND	ND	ND	ND	ND	ND
d-BHC	ND	ND	ND	ND	0.52	ND
g-BHC	2.97	1.42	0.32	0.25	5.25	0.74
Cis-chlordane	1.08	0.30	0.16	0.02	1.16	0.21
g-Chlordane	ND	ND	ND	ND	ND	0.15
Cis-nonachlor	ND	0.37	0.08	ND	0.35	0.08
Dieldrin	ND	0.76	ND	ND	ND	0.16
Dursban	ND	ND	ND	ND	ND	ND
Endosulfan I	ND	ND	ND	ND	0.68	ND
Endosulfan II	2.35	2.21	0.43	0.15	4.46	0.63
Endosulfan sulfate	1.84	0.47	0.02	0.54	8.13	1.98
Endrin	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND
Heptachlor	0.19	ND	ND	0.05	ND	0.08
Heptachlor epoxide	0.90	ND	ND	0.29	4.18	0.30
Methoxychlor	ND	ND	ND	ND	ND	ND
Mirex	ND	ND	ND	ND	ND	ND
Oxychlordane	0.83	ND	ND	0.06	1.08	0.16
Trans-nonachlor	ND	0.11	0.03	ND	ND	0.05
Cl2(08)	2.31	1.87	0.73	ND	1.14	0.28
Cl3(18)	ND	ND	ND	ND	ND	ND
Cl3(28)	11.29	3.39	4.26	0.57	6.44	4.20
Cl4(44)	ND	ND	ND	0.08	6.60	0.68
Cl4(52)	3.70	1.55	0.08	0.30	9.30	1.06
Cl4(66)	1.04	0.59	0.07	ND	2.09	0.25
Cl4(77)	ND	ND	ND	ND	ND	ND
Cl5(101)	8.03	3.42	0.10	0.41	21.25	2.06
Cl5(105)	2.42	2.26	0.24	0.33	6.97	0.97
Cl5(110)	6.82	4.06	0.43	0.33	18.81	1.71
Cl5(118)	4.70	1.86	0.10	0.41	17.61	1.57
Cl5(126)	5.40	2.44	0.48	0.61	15.36	2.33
Cl6(128)	1.52	0.58	0.08	0.06	6.38	0.44
Cl6(129)	2.17	3.25	0.64	0.18	11.01	0.75
Cl6(138)	10.92	5.77	1.16	0.91	23.10	3.10
Cl6(153)	10.02	5.63	0.35	0.71	25.71	3.05
Cl6(169)	ND	ND	ND	ND	ND	ND
Cl7(170)	2.53	0.82	0.06	0.09	4.66	0.22
Cl7(180)	3.63	2.00	0.22	0.21	10.02	1.06
Cl7(187)	3.43	2.11	0.38	0.20	8.31	0.95
Cl8(195)	0.85	0.26	0.03	0.17	3.37	0.23
Cl9(206)	ND	ND	ND	ND	ND	ND
Cl10(209)	ND	ND	ND	ND	ND	ND
DDT	5.11	4.24	1.26	0.50	8.66	2.49
DDD	5.22	4.80	0.76	0.06	9.35	0.50
DDE	1.84	2.57	0.41	ND	0.32	0.06
Total DDTs	12.17	11.62	2.43	0.56	18.33	3.05
BHCs	2.97	1.42	0.32	0.25	5.77	0.74
Chlordanes	1.91	0.30	0.16	0.08	2.24	0.53
Endosulfans	4.19	2.68	0.46	0.68	13.27	2.61
PCBs	78.48	40.00	8.68	5.56	196.99	24.64
Other Chlorinated	43.45	32.27	14.75	6.36	81.71	10.45

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8081M- SURROGATE CORRECTED

SITE_ID	LSJRC08	LSJRC09	LSJRC10	LSJRC11	LSJRC12	LSJRC13
BATCH_ID	96-234	96-234	96-234	96-239	96-239	96-239
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	2.77	2.32	2.95	21.62	0.14	3.17
1,2-Dichlorobenzene	10.33	22.08	8.76	24.00	2.93	13.56
1,3-Dichlorobenzene	5.86	5.32	6.40	16.94	ND	10.04
1,4-Dichlorobenzene	32.98	33.13	28.88	83.58	17.57	41.61
Hexachlorobenzene	0.42	0.54	0.68	0.65	0.10	ND
Hexachlorobutadiene	0.12	0.10	0.09	0.72	0.03	0.18
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.34	0.39	0.30	0.85	0.12	0.12
2,4-DDD	0.53	3.52	ND	1.19	ND	1.81
4,4-DDD	2.04	2.04	2.73	4.75	ND	1.11
2,4-DDE	ND	ND	ND	ND	ND	ND
4,4-DDE	1.13	1.91	0.61	3.03	ND	1.77
2,4-DDT	0.93	1.38	11.33	5.95	ND	0.57
4,4-DDT	4.35	3.49	4.19	1.59	ND	1.00
Aldrin	ND	ND	ND	ND	ND	ND
a-BHC	ND	ND	ND	ND	ND	0.20
b-BHC	ND	ND	ND	ND	ND	ND
d-BHC	ND	ND	ND	ND	ND	ND
g-BHC	2.21	2.62	3.66	1.15	ND	1.11
Cis-chlordane	0.69	1.30	1.10	0.54	ND	0.27
g-Chlordane	0.71	0.54	0.51	ND	ND	ND
Cis-nonachlor	0.26	0.36	0.45	1.26	ND	ND
Dieldrin	0.94	0.99	0.31	0.30	ND	ND
Dursban	ND	ND	ND	ND	ND	ND
Endosulfan I	ND	ND	ND	ND	ND	ND
Endosulfan II	1.90	2.00	8.74	8.19	ND	3.71
Endosulfan sulfate	2.79	1.06	4.70	8.43	ND	0.87
Endrin	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND
Heptachlor	0.35	ND	ND	ND	ND	0.21
Heptachlor epoxide	1.62	1.58	3.98	3.62	ND	ND
Methoxychlor	2.94	ND	ND	ND	ND	ND
Mirex	ND	ND	ND	ND	ND	ND
Oxychlordane	1.24	1.99	0.74	1.27	ND	ND
Trans-nonachlor	0.09	1.02	0.40	ND	ND	ND
Cl2(08)	1.97	4.58	1.62	3.28	0.15	2.45
Cl3(18)	ND	0.41	ND	ND	ND	ND
Cl3(28)	11.88	18.91	12.78	9.08	0.71	4.10
Cl4(44)	0.26	ND	0.37	4.08	ND	ND
Cl4(52)	2.73	3.83	3.60	13.87	0.03	0.77
Cl4(66)	1.41	0.79	0.87	5.48	ND	ND
Cl4(77)	ND	ND	ND	ND	ND	ND
Cl5(101)	4.75	3.84	7.21	31.46	0.10	1.04
Cl5(105)	1.44	1.30	4.26	7.29	ND	0.91
Cl5(110)	4.30	3.33	5.34	29.49	0.10	1.34
Cl5(118)	3.40	1.79	4.21	21.48	0.03	0.70
Cl5(126)	5.27	3.51	6.70	6.71	ND	1.19
Cl6(128)	0.96	0.78	1.57	5.47	ND	0.55
Cl6(129)	2.06	2.32	10.60	4.17	ND	2.37
Cl6(138)	8.48	7.48	8.49	31.68	0.29	1.66
Cl6(153)	6.99	4.50	7.92	41.09	0.13	1.26
Cl6(169)	ND	ND	ND	ND	ND	ND
Cl7(170)	0.45	1.24	1.07	8.88	0.02	0.70
Cl7(180)	2.52	1.47	2.89	15.81	0.04	0.44
Cl7(187)	2.58	1.74	3.09	10.56	0.02	0.60
Cl8(195)	0.47	0.17	0.81	7.18	ND	ND
Cl9(206)	ND	9.68	ND	3.54	ND	ND
Cl10(209)	ND	ND	ND	ND	ND	ND
DDT	5.29	4.87	15.52	7.54	ND	1.56
DDD	2.57	5.56	2.73	5.94	ND	2.92
DDE	1.13	1.91	0.61	3.03	ND	1.77
Total DDTs	8.98	12.34	18.85	16.51	ND	6.25
BHCs	2.21	2.62	3.66	1.15	ND	1.31
Chlordanes	2.64	3.83	2.36	1.81	ND	0.27
Endosulfans	4.69	3.06	13.43	16.61	ND	4.58
PCBs	59.94	67.09	81.79	257.31	1.48	17.64
Other Chlorinated	52.40	63.35	47.37	147.71	20.78	68.68

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8081M- SURROGATE CORRECTED

SITE_ID	LSJRC13-02	LSJRC14	LSJRC15	LSJRC16	LSJRC17	LSJRC18
BATCH_ID	98-337	96-239	96-239	96-239	96-239	96-239
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	0.86	3.44	1.69	1.51	0.14
1,2-Dichlorobenzene	ND	10.92	30.35	10.28	6.91	3.12
1,3-Dichlorobenzene	ND	5.39	11.25	5.63	3.78	ND
1,4-Dichlorobenzene	16.57	27.47	77.77	25.14	23.40	14.32
Hexachlorobenzene	ND	0.04	0.39	0.13	0.14	0.14
Hexachlorobutadiene	ND	0.10	0.18	0.13	0.05	0.04
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	0.16	0.61	0.20	0.17	0.11
2,4-DDD	1.03	0.86	1.20	1.81	1.12	ND
4,4-DDD	3.32	0.25	1.89	0.96	0.36	ND
2,4-DDE	ND	ND	ND	ND	ND	ND
4,4-DDE	4.57	0.24	4.97	2.56	0.52	ND
2,4-DDT	ND	1.13	ND	ND	2.05	ND
4,4-DDT	ND	0.64	1.49	0.60	0.74	0.20
Aldrin	ND	ND	ND	ND	ND	ND
a-BHC	ND	ND	ND	ND	ND	ND
b-BHC	0.08	ND	ND	ND	ND	ND
d-BHC	0.20	ND	ND	ND	ND	ND
g-BHC	0.39	0.53	1.32	0.37	0.11	0.05
Cis-chlordane	ND	0.14	1.10	0.37	0.20	0.07
g-Chlordane	ND	ND	1.11	0.37	ND	ND
Cis-nonachlor	0.19	ND	0.76	0.24	ND	ND
Dieldrin	ND	ND	1.16	0.98	ND	ND
Dursban	ND	ND	ND	ND	ND	ND
Endosulfan I	ND	ND	ND	ND	ND	ND
Endosulfan II	ND	2.20	2.53	2.35	3.08	0.17
Endosulfan sulfate	0.19	1.42	1.21	0.77	0.98	0.05
Endrin	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND
Heptachlor	ND	0.02	ND	ND	ND	ND
Heptachlor epoxide	0.37	ND	ND	ND	0.61	ND
Methoxychlor	ND	ND	ND	ND	ND	ND
Mirex	ND	ND	ND	ND	ND	ND
Oxychlordane	0.38	ND	ND	ND	0.45	ND
Trans-nonachlor	ND	ND	0.58	0.14	ND	ND
Cl2(08)	ND	0.79	2.75	1.32	0.44	0.15
Cl3(18)	ND	ND	ND	ND	ND	ND
Cl3(28)	ND	2.35	6.30	1.57	1.95	0.95
Cl4(44)	0.57	ND	ND	ND	ND	ND
Cl4(52)	1.69	0.44	1.23	0.70	1.18	0.04
Cl4(66)	0.44	ND	0.68	ND	0.54	ND
Cl4(77)	ND	ND	ND	ND	ND	ND
Cl5(101)	4.85	0.48	1.73	1.59	2.55	0.05
Cl5(105)	1.75	0.80	1.72	0.83	1.38	0.02
Cl5(110)	4.21	0.87	3.18	1.97	2.93	0.03
Cl5(118)	2.94	0.68	2.29	0.97	1.79	ND
Cl5(126)	0.88	0.76	1.53	0.41	0.96	0.18
Cl6(128)	ND	0.34	1.09	0.37	0.55	ND
Cl6(129)	ND	1.76	1.49	1.56	1.37	0.10
Cl6(138)	4.58	1.27	5.14	2.67	3.38	0.36
Cl6(153)	6.09	0.97	5.41	2.33	3.97	0.09
Cl6(169)	ND	ND	ND	ND	ND	ND
Cl7(170)	1.84	0.39	0.87	1.88	0.71	0.05
Cl7(180)	2.81	0.16	1.34	0.87	1.36	0.03
Cl7(187)	1.96	0.14	0.93	0.59	0.91	0.06
Cl8(195)	0.17	ND	ND	0.10	0.08	ND
Cl9(206)	ND	ND	ND	ND	ND	ND
Cl10(209)	ND	ND	ND	ND	ND	ND
DDT	ND	1.77	1.49	0.60	2.79	0.20
DDD	4.35	1.11	3.09	2.77	1.48	ND
DDE	4.57	0.24	4.97	2.56	0.52	ND
Total DDTs	8.92	3.12	9.56	5.93	4.79	0.20
BHCs	0.67	0.53	1.32	0.37	0.11	0.05
Chlordanes	0.38	0.14	2.21	0.74	0.65	0.07
Endosulfans	0.19	3.62	3.74	3.12	4.07	0.23
PCBs	34.79	11.39	34.92	18.41	25.61	1.97
Other Chlorinated	16.57	44.89	123.61	43.07	35.83	17.73

SITE_ID	LSJRC19	LSJRC20	MOC07	NASCP01	NASM01	OBB
BATCH_ID	96-239	96-239	97-089	97-089	97-089	97-089
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	ND	ND	2.34	1.26	2.78	1.84
1,2,4-Trichlorobenzene	3.04	2.65	6.07	3.56	4.35	4.56
1,2-Dichlorobenzene	19.45	28.77	ND	ND	ND	ND
1,3-Dichlorobenzene	13.96	15.04	10.71	6.66	3.33	6.53
1,4-Dichlorobenzene	66.69	104.92	ND	ND	ND	ND
Hexachlorobenzene	0.34	0.58	0.34	0.26	0.99	0.14
Hexachlorobutadiene	0.16	0.28	0.29	0.18	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND
Hexachloroethane	0.51	0.66	0.64	0.34	0.90	0.63
2,4-DDD	1.06	1.15	0.89	2.10	2.92	1.62
4,4-DDD	0.38	0.76	0.59	2.80	2.62	1.44
2,4-DDE	ND	ND	ND	ND	ND	ND
4,4-DDE	1.33	1.79	1.14	3.20	4.48	2.76
2,4-DDT	0.39	ND	ND	ND	ND	ND
4,4-DDT	1.01	2.16	ND	0.67	ND	ND
Aldrin	ND	ND	ND	ND	ND	ND
a-BHC	ND	ND	0.34	0.16	ND	ND
b-BHC	ND	ND	ND	0.36	ND	ND
d-BHC	ND	ND	ND	ND	ND	ND
g-BHC	0.51	1.31	0.18	ND	0.80	ND
Cis-chlordane	0.99	0.93	ND	ND	ND	ND
g-Chlordane	ND	ND	ND	ND	ND	ND
Cis-nonachlor	ND	ND	0.08	0.44	1.23	0.26
Dieldrin	ND	0.46	0.57	0.24	0.67	ND
Dursban	ND	ND	ND	ND	1.52	ND
Endosulfan I	ND	ND	ND	ND	ND	ND
Endosulfan II	2.86	2.96	ND	ND	ND	ND
Endosulfan sulfate	1.03	1.45	ND	ND	1.28	ND
Endrin	ND	ND	ND	0.18	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND
Heptachlor	ND	ND	0.11	ND	ND	ND
Heptachlor epoxide	0.58	0.59	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	ND
Mirex	ND	ND	ND	ND	ND	ND
Oxychlordane	0.55	0.73	ND	ND	ND	ND
Trans-nonachlor	0.20	0.10	ND	0.52	1.66	ND
Cl2(08)	2.15	2.19	1.82	1.16	1.36	1.28
Cl3(18)	ND	ND	ND	ND	ND	ND
Cl3(28)	5.60	7.61	4.89	3.02	2.57	4.65
Cl4(44)	ND	ND	0.59	1.81	0.74	ND
Cl4(52)	1.45	1.46	1.21	3.15	1.39	1.18
Cl4(66)	0.68	0.87	0.28	0.70	ND	0.22
Cl4(77)	ND	ND	0.19	1.05	ND	ND
Cl5(101)	3.00	2.75	2.32	4.61	3.14	2.32
Cl5(105)	2.35	2.37	0.65	1.26	0.31	0.50
Cl5(110)	3.38	3.04	1.89	4.05	2.43	2.51
Cl5(118)	1.74	1.75	1.09	4.05	1.83	1.45
Cl5(126)	1.40	1.34	ND	ND	ND	ND
Cl6(128)	0.81	1.38	0.81	1.25	1.01	1.34
Cl6(129)	1.45	1.67	1.16	0.97	1.24	0.51
Cl6(138)	4.39	5.64	4.57	5.78	5.81	3.06
Cl6(153)	5.08	6.18	3.89	7.67	7.66	4.80
Cl6(169)	ND	ND	ND	ND	ND	ND
Cl7(170)	1.86	1.14	0.64	1.77	8.51	0.90
Cl7(180)	1.34	1.45	1.37	2.85	4.93	1.99
Cl7(187)	1.25	1.69	1.39	2.12	2.49	1.52
Cl8(195)	ND	ND	0.33	0.59	1.96	0.18
Cl9(206)	ND	ND	0.57	0.47	0.27	0.38
Cl10(209)	ND	ND	0.09	0.28	2.77	0.42
DDT	1.40	2.16	ND	0.67	ND	ND
DDD	1.44	1.91	1.48	4.90	5.53	3.05
DDE	1.33	1.79	1.14	3.20	4.48	2.76
Total DDTs	4.18	5.85	2.61	8.78	10.01	5.81
BHCs	0.51	1.31	0.53	0.53	0.80	ND
Chlordanes	1.54	1.66	ND	ND	ND	ND
Endosulfans	3.89	4.41	ND	ND	1.28	ND
PCBs	35.79	40.36	27.93	47.46	49.06	27.95
Other Chlorinated	103.81	152.32	20.05	12.00	11.35	13.56

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8081M- SURROGATE CORRECTED

SITE_ID	ORG01	PA32	PP61	RCCP02	WEK02
BATCH_ID	97-089	96-178	96-178	97-089	98-337
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	1.25	ND	ND	ND	ND
1,2,4-Trichlorobenzene	6.87	0.39	0.28	1.27	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	11.20	ND	ND	4.34	ND
1,4-Dichlorobenzene	11.85	2.99	2.63	ND	11.99
Hexachlorobenzene	0.34	ND	ND	0.32	ND
Hexachlorobutadiene	0.73	ND	ND	0.21	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND
Hexachloroethane	0.42	ND	ND	0.31	ND
2,4-DDD	1.25	ND	0.94	2.30	0.80
4,4-DDD	0.89	0.84	ND	1.57	1.89
2,4-DDE	ND	ND	ND	ND	ND
4,4-DDE	3.08	0.55	0.96	ND	3.67
2,4-DDT	ND	ND	ND	ND	ND
4,4-DDT	0.69	1.28	0.32	1.42	2.98
Aldrin	ND	ND	ND	ND	ND
a-BHC	1.04	ND	ND	0.26	ND
b-BHC	0.20	ND	ND	ND	ND
d-BHC	ND	ND	ND	ND	ND
g-BHC	0.24	0.67	0.15	ND	ND
Cis-chlordane	ND	ND	ND	ND	0.05
g-Chlordane	ND	ND	ND	ND	ND
Cis-nonachlor	0.17	ND	ND	0.36	0.36
Dieldrin	1.01	0.13	0.27	0.68	0.59
Dursban	ND	ND	ND	0.26	0.44
Endosulfan I	ND	ND	ND	0.37	ND
Endosulfan II	0.17	0.46	ND	0.21	ND
Endosulfan sulfate	0.49	ND	0.22	2.68	ND
Endrin	ND	ND	ND	ND	0.31
Endrin aldehyde	ND	ND	ND	ND	ND
Endrin ketone	0.15	0.50	0.10	ND	1.40
Heptachlor	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	0.48	0.93
Methoxychlor	0.96	ND	ND	ND	ND
Mirex	ND	ND	ND	0.56	ND
Oxychlordane	ND	ND	ND	ND	0.41
Trans-nonachlor	0.15	ND	ND	0.66	ND
Cl2(08)	3.15	ND	ND	0.68	ND
Cl3(18)	0.68	ND	ND	ND	0.57
Cl3(28)	6.25	0.78	0.43	0.70	ND
Cl4(44)	ND	ND	0.16	0.91	ND
Cl4(52)	0.94	ND	0.46	1.01	0.49
Cl4(66)	0.40	ND	0.26	0.38	ND
Cl4(77)	0.31	ND	ND	ND	1.25
Cl5(101)	2.01	ND	1.00	0.58	1.90
Cl5(105)	1.21	ND	0.15	2.87	1.74
Cl5(110)	2.65	0.63	1.50	0.98	1.32
Cl5(118)	1.35	0.13	0.55	0.54	0.70
Cl5(126)	ND	ND	ND	1.94	ND
Cl6(128)	0.55	ND	0.18	ND	ND
Cl6(129)	0.82	ND	ND	0.84	ND
Cl6(138)	3.90	5.91	1.52	0.91	ND
Cl6(153)	5.94	0.53	2.73	1.34	1.20
Cl6(169)	ND	ND	ND	ND	ND
Cl7(170)	1.33	2.03	0.84	ND	0.78
Cl7(180)	2.48	0.39	1.04	0.29	0.84
Cl7(187)	2.50	0.21	0.76	1.78	0.86
Cl8(195)	0.26	3.07	0.10	ND	0.13
Cl9(206)	0.19	0.82	0.09	1.91	0.13
Cl10(209)	ND	ND	0.09	1.48	ND
DDT	0.69	1.28	0.32	1.42	2.98
DDD	2.14	0.84	0.94	3.87	2.69
DDE	3.08	0.55	0.96	ND	3.67
Total DDTs	5.90	2.67	2.22	5.29	9.34
BHCs	1.47	0.67	0.15	0.26	ND
Chlordanes	ND	ND	ND	ND	0.46
Endosulfans	0.67	0.46	0.22	3.26	ND
PCBs	33.74	14.50	11.87	18.46	11.93
Other Chlorinated	32.32	3.38	2.91	6.13	11.99

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
FIELD SAMPLE DATA
8081M- SURROGATE CORRECTED

SITE_ID	CED01	CED02	CED03	CED04	CED05	CED06
BATCH_ID	98-076	98-076	98-356	98-337	98-191	98-119
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	ND	ND	1.04	ND	0.43	ND
1,2,4-Trichlorobenzene	ND	ND	2.10	ND	ND	1.14
1,2-Dichlorobenzene	ND	ND	ND	ND	11.69	ND
1,3-Dichlorobenzene	ND	33.38	3.07	ND	17.34	12.22
1,4-Dichlorobenzene	37.64	ND	ND	ND	ND	13.11
Hexachlorobenzene	4.15	19.81	ND	ND	ND	1.43
Hexachlorobutadiene	ND	ND	0.10	0.12	2.33	0.25
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	0.07	ND
2,4-DDD	5.70	12.83	3.81	5.56	1.63	2.21
4,4-DDD	46.53	5.90	3.65	3.81	0.81	6.32
2,4-DDE	ND	ND	ND	ND	ND	ND
4,4-DDE	32.96	8.86	10.50	9.74	5.47	10.07
2,4-DDT	ND	ND	ND	ND	1.10	ND
4,4-DDT	2.62	3.63	0.73	1.05	ND	4.79
Aldrin	ND	ND	0.30	1.01	ND	0.55
a-BHC	ND	ND	ND	ND	ND	ND
b-BHC	ND	0.84	ND	ND	ND	ND
d-BHC	ND	1.49	ND	ND	ND	ND
g-BHC	ND	2.62	ND	ND	1.30	1.63
Cis-chlordane	2.83	4.77	4.26	5.20	2.28	10.70
g-Chlordane	2.76	6.24	7.13	8.66	6.31	15.56
Cis-nonachlor	17.35	12.07	7.99	9.41	2.17	8.21
Dieldrin	ND	6.22	1.21	2.73	0.57	3.58
Dursban	ND	1.64	1.08	1.46	ND	4.06
Endosulfan I	2.57	ND	ND	ND	0.27	ND
Endosulfan II	8.27	3.46	ND	ND	0.56	4.12
Endosulfan sulfate	18.16	5.59	3.65	3.21	1.60	2.84
Endrin	ND	2.59	1.82	2.14	0.34	ND
Endrin aldehyde	ND	ND	0.83	0.91	0.40	ND
Endrin ketone	ND	1.88	0.55	0.31	0.88	ND
Heptachlor	ND	1.42	0.26	ND	ND	0.37
Heptachlor epoxide	ND	ND	0.13	ND	ND	ND
Methoxychlor	ND	4.37	ND	ND	ND	ND
Mirex	ND	ND	0.42	ND	0.19	0.30
Oxychlordane	ND	5.22	2.92	4.10	ND	ND
Trans-nonachlor	1.61	2.56	2.68	2.76	0.86	6.90
Cl2(08)	217.28	87.66	42.07	47.63	ND	10.22
Cl3(18)	374.35	308.44	95.65	133.33	9.48	33.89
Cl3(28)	372.25	248.05	78.91	92.37	12.06	48.78
Cl4(44)	435.60	240.26	84.46	107.10	17.66	58.33
Cl4(52)	664.92	601.95	184.78	245.16	21.25	93.11
Cl4(66)	361.26	213.64	73.48	84.41	11.97	54.11
Cl4(77)	33.27	20.33	ND	7.13	ND	4.18
Cl5(101)	173.30	71.43	39.02	46.67	9.14	31.78
Cl5(105)	115.31	20.33	13.08	9.47	2.20	8.57
Cl5(110)	381.63	70.33	50.00	44.00	9.47	33.08
Cl5(118)	346.94	131.52	53.24	53.65	6.66	34.07
Cl5(126)	ND	6.02	14.19	46.35	ND	ND
Cl6(128)	26.12	11.63	4.74	3.66	1.27	2.96
Cl6(129)	5.23	3.21	1.84	ND	ND	ND
Cl6(138)	131.63	62.72	40.00	40.47	ND	22.53
Cl6(153)	156.12	105.22	68.24	78.59	6.77	26.15
Cl6(169)	ND	ND	ND	ND	ND	ND
Cl7(170)	25.00	20.54	24.32	27.06	2.87	3.60
Cl7(180)	61.73	45.11	24.86	28.12	3.24	14.62
Cl7(187)	32.04	21.41	12.99	15.41	6.24	8.81
Cl8(195)	7.10	6.32	2.81	3.51	0.42	ND
Cl9(206)	5.97	5.57	2.18	5.28	0.56	ND
Cl10(209)	ND	ND	0.90	1.22	0.15	ND
DDT	2.62	3.63	0.73	1.05	1.10	4.79
DDD	52.23	18.73	7.46	9.38	2.44	8.53
DDE	32.96	8.86	10.50	9.74	5.47	10.07
Total DDTs	87.82	31.22	18.69	20.17	9.00	23.38
BHCs	ND	4.94	ND	ND	1.30	1.63
Chlordanes	5.60	16.23	14.32	17.96	8.59	26.26
Endosulfans	28.99	9.04	3.65	3.21	2.43	6.96
PCBs	3709.78	2214.01	869.70	1072.95	121.42	478.56
Other Chlorinated	37.64	33.38	6.31	0.12	31.86	26.72

SITE_ID	CED07	CED08	CED09	ORT01	ORT02	ORT03
BATCH_ID	98-119	98-076	98-076	98-178	98-356	98-178
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	0.21	ND	ND
1,2,4-Trichlorobenzene	1.03	1.28	ND	ND	0.43	ND
1,2-Dichlorobenzene	ND	ND	3.16	ND	ND	ND
1,3-Dichlorobenzene	10.82	3.57	2.60	ND	6.40	ND
1,4-Dichlorobenzene	21.96	30.22	20.43	56.58	1.68	53.54
Hexachlorobenzene	8.51	ND	ND	ND	ND	ND
Hexachlorobutadiene	1.32	0.13	ND	ND	ND	ND
Hexachlorocyclopentadiene	0.77	ND	ND	0.22	ND	ND
Hexachloroethane	0.22	ND	ND	ND	ND	ND
2,4-DDD	0.57	2.87	2.47	0.83	0.25	ND
4,4-DDD	3.06	2.77	9.28	2.59	0.54	0.30
2,4-DDE	ND	ND	ND	ND	ND	ND
4,4-DDE	4.39	4.74	18.83	4.74	0.45	ND
2,4-DDT	1.42	ND	ND	ND	ND	ND
4,4-DDT	2.70	2.70	5.51	2.41	0.60	0.86
Aldrin	ND	0.95	1.10	ND	0.14	ND
a-BHC	ND	ND	ND	ND	ND	ND
b-BHC	ND	ND	ND	ND	0.10	ND
d-BHC	ND	ND	0.19	ND	ND	ND
g-BHC	1.85	ND	0.35	3.41	ND	1.82
Cis-chlordane	5.59	6.92	24.68	ND	ND	ND
g-Chlordane	7.34	9.29	34.04	0.72	ND	ND
Cis-nonachlor	4.41	5.28	17.66	0.51	ND	ND
Dieldrin	1.00	2.03	4.36	0.53	0.09	ND
Dursban	0.49	4.40	4.65	ND	ND	ND
Endosulfan I	ND	ND	ND	ND	ND	ND
Endosulfan II	2.21	0.95	4.18	1.60	ND	0.19
Endosulfan sulfate	2.07	ND	1.63	1.47	ND	ND
Endrin	0.36	ND	0.36	ND	ND	ND
Endrin aldehyde	0.38	ND	ND	ND	ND	ND
Endrin ketone	2.12	1.23	5.10	1.59	0.10	ND
Heptachlor	ND	ND	0.38	ND	ND	ND
Heptachlor epoxide	ND	0.19	ND	ND	0.02	ND
Methoxychlor	ND	3.03	15.32	ND	ND	ND
Mirex	0.26	ND	ND	ND	ND	ND
Oxychlordane	1.25	0.89	1.41	ND	ND	ND
Trans-nonachlor	2.09	4.51	17.77	ND	ND	ND
Cl2(08)	47.93	2.59	4.47	32.74	ND	62.15
Cl3(18)	81.74	6.87	18.19	6.60	1.58	ND
Cl3(28)	82.83	11.41	28.62	5.96	ND	ND
Cl4(44)	87.50	13.80	35.43	10.12	0.66	ND
Cl4(52)	153.26	26.30	58.40	18.08	1.03	ND
Cl4(66)	70.11	13.04	28.09	8.26	0.80	ND
Cl4(77)	3.15	2.25	5.81	ND	0.16	ND
Cl5(101)	35.87	8.84	23.09	15.07	0.82	ND
Cl5(105)	4.38	2.20	5.36	1.53	0.20	ND
Cl5(110)	21.84	10.68	27.13	13.70	0.71	ND
Cl5(118)	25.20	9.01	26.81	9.12	0.40	ND
Cl5(126)	ND	4.28	ND	2.00	ND	10.54
Cl6(128)	3.02	1.09	3.04	2.84	ND	ND
Cl6(129)	ND	2.32	6.30	1.36	3.06	0.42
Cl6(138)	14.08	11.75	32.66	11.20	1.04	0.32
Cl6(153)	30.64	13.50	38.19	17.28	0.82	0.14
Cl6(169)	ND	ND	0.71	ND	ND	ND
Cl7(170)	6.34	4.18	14.68	3.67	ND	0.25
Cl7(180)	11.12	5.19	9.90	6.38	0.59	ND
Cl7(187)	7.11	2.56	5.31	5.44	0.35	0.46
Cl8(195)	1.28	0.68	2.85	0.56	ND	ND
Cl9(206)	1.71	0.67	1.91	1.05	0.17	ND
Cl10(209)	0.97	0.69	2.81	0.48	0.14	ND
DDT	4.12	2.70	5.51	2.41	0.60	0.86
DDD	3.63	5.64	11.74	3.43	0.79	0.30
DDE	4.39	4.74	18.83	4.74	0.45	ND
Total DDTs	12.14	13.08	36.09	10.57	1.85	1.16
BHCs	1.85	ND	0.55	3.41	0.10	1.82
Chlordanes	14.17	17.11	60.14	0.72	ND	ND
Endosulfans	4.28	0.95	5.81	3.07	ND	0.19
PCBs	642.14	151.33	375.29	140.72	12.52	12.13
Other Chlorinated	36.11	35.20	26.18	57.00	8.52	53.54

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
FIELD SAMPLE DATA
8081M- SURROGATE CORRECTED

SITE_ID	ORT04	ORT05	ORT06	ORT06-1	ORT07	ORT08
BATCH_ID	98-356	98-178	98-178	98-337	98-356	98-076
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	ND	ND	0.46	ND	ND	ND
1,2,4-Trichlorobenzene	0.99	ND	ND	0.17	1.54	0.93
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.10	ND	ND	3.10	5.00	2.11
1,4-Dichlorobenzene	5.63	96.03	56.25	ND	2.04	21.70
Hexachlorobenzene	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.14	ND	ND	0.13	0.11	0.20
Hexachlorocyclopentadiene	ND	0.29	ND	ND	ND	ND
Hexachloroethane	ND	ND	0.23	0.07	ND	ND
2,4-DDD	0.91	1.29	0.49	1.39	7.13	2.31
4,4-DDD	1.53	2.37	1.29	1.85	13.46	2.32
2,4-DDE	ND	ND	ND	0.11	0.26	ND
4,4-DDE	1.96	3.56	3.13	4.00	16.25	4.54
2,4-DDT	ND	ND	ND	0.04	ND	ND
4,4-DDT	1.11	2.56	1.06	1.73	8.65	1.96
Aldrin	ND	ND	ND	ND	0.30	ND
a-BHC	ND	ND	ND	ND	ND	ND
b-BHC	0.18	ND	ND	0.30	0.22	ND
d-BHC	ND	ND	ND	ND	ND	ND
g-BHC	ND	ND	1.72	0.54	ND	ND
Cis-chlordane	0.19	ND	ND	0.14	1.99	0.46
g-Chlordane	0.46	ND	ND	0.33	3.61	0.96
Cis-nonachlor	0.23	0.39	0.17	0.37	3.69	0.79
Dieldrin	0.29	ND	0.39	0.22	1.35	0.89
Dursban	0.18	ND	ND	0.39	0.89	ND
Endosulfan I	ND	ND	ND	ND	ND	ND
Endosulfan II	ND	1.52	1.20	ND	ND	0.58
Endosulfan sulfate	0.19	0.81	0.59	0.45	1.79	0.72
Endrin	ND	ND	ND	ND	0.96	ND
Endrin aldehyde	0.08	ND	ND	0.14	0.64	ND
Endrin ketone	ND	ND	ND	ND	0.46	ND
Heptachlor	0.13	ND	ND	0.36	ND	0.11
Heptachlor epoxide	0.09	ND	ND	ND	0.15	ND
Methoxychlor	ND	ND	ND	ND	ND	ND
Mirex	ND	ND	ND	ND	0.63	ND
Oxychlordane	ND	ND	ND	0.32	0.73	0.42
Trans-nonachlor	0.10	ND	ND	ND	1.46	0.11
Cl2(08)	ND	66.03	39.22	2.67	ND	2.31
Cl3(18)	2.00	5.19	1.24	1.74	2.24	2.21
Cl3(28)	ND	7.36	ND	4.39	3.61	4.18
Cl4(44)	1.57	7.97	1.80	3.38	4.51	4.43
Cl4(52)	3.10	12.03	3.66	5.84	9.38	8.04
Cl4(66)	2.04	6.98	2.22	3.01	5.23	2.80
Cl4(77)	0.27	ND	ND	0.61	4.00	0.70
Cl5(101)	3.20	9.05	5.38	6.41	10.74	7.66
Cl5(105)	0.55	0.67	0.45	0.58	2.79	0.90
Cl5(110)	3.11	7.55	3.84	5.46	19.81	8.31
Cl5(118)	1.75	5.77	2.60	3.16	12.50	4.63
Cl5(126)	ND	1.71	ND	8.22	110.77	ND
Cl6(128)	ND	1.27	0.78	ND	0.48	1.21
Cl6(129)	1.96	0.87	ND	0.54	ND	ND
Cl6(138)	3.58	5.92	3.89	6.02	18.63	9.64
Cl6(153)	4.92	8.33	5.27	8.37	35.96	13.08
Cl6(169)	ND	ND	ND	ND	ND	ND
Cl7(170)	0.87	3.18	1.98	2.44	14.12	2.96
Cl7(180)	1.96	3.32	2.29	4.00	13.71	5.49
Cl7(187)	1.21	2.77	1.84	2.20	9.29	2.88
Cl8(195)	0.13	ND	0.11	0.39	1.88	0.58
Cl9(206)	0.72	ND	0.62	0.43	3.15	0.48
Cl10(209)	0.08	ND	0.39	0.25	1.28	0.27
DDT	1.11	2.56	1.06	1.77	8.65	1.96
DDD	2.44	3.66	1.77	3.24	20.60	4.63
DDE	1.96	3.56	3.13	4.11	16.51	4.54
Total DDTs	5.52	9.78	5.96	9.12	45.76	11.12
BHCs	0.18	ND	1.72	0.84	0.22	ND
Chlordanes	0.65	ND	ND	0.79	6.33	1.85
Endosulfans	0.19	2.33	1.79	0.45	1.79	1.30
PCBs	33.04	89.93	38.32	67.44	284.08	80.44
Other Chlorinated	11.86	96.32	56.94	3.47	8.69	24.94

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
FIELD SAMPLE DATA
8081M- SURROGATE CORRECTED

SITE_ID	ORT09	ORT10	ORT11	ORT12	ORT13	ORT14
BATCH_ID	98-178	98-178	98-191	98-191	98-178	98-337
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	0.93	1.65	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.23
1,2-Dichlorobenzene	ND	ND	ND	35.76	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	7.69	ND	2.15
1,4-Dichlorobenzene	ND	11.73	53.04	69.66	67.14	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	12.54	12.84	ND	ND	ND	0.15
Hexachlorocyclopentadiene	0.24	0.56	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	0.30	0.23	0.06
2,4-DDD	1.17	0.82	0.89	0.73	1.98	0.86
4,4-DDD	3.21	2.79	2.34	5.44	4.46	1.13
2,4-DDE	0.35	ND	ND	ND	ND	ND
4,4-DDE	7.13	3.20	6.65	5.21	7.92	0.81
2,4-DDT	ND	ND	1.11	1.02	ND	ND
4,4-DDT	3.93	2.67	ND	3.43	6.44	1.75
Aldrin	ND	ND	ND	ND	ND	ND
a-BHC	ND	ND	ND	ND	ND	ND
b-BHC	ND	ND	ND	ND	ND	ND
d-BHC	ND	ND	0.32	0.50	ND	ND
g-BHC	2.68	1.77	ND	ND	ND	0.48
Cis-chlordane	0.89	0.96	0.75	1.48	1.70	ND
g-Chlordane	2.01	2.16	1.68	2.92	2.75	ND
Cis-nonachlor	0.65	0.71	0.80	1.89	1.85	ND
Dieldrin	0.75	0.65	1.00	1.71	ND	ND
Dursban	ND	ND	ND	0.93	ND	0.22
Endosulfan I	ND	ND	ND	ND	ND	ND
Endosulfan II	2.81	1.80	1.55	2.71	3.12	ND
Endosulfan sulfate	1.17	0.58	1.07	1.00	1.31	ND
Endrin	ND	ND	ND	0.32	0.46	0.20
Endrin aldehyde	ND	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND	0.19
Heptachlor epoxide	ND	ND	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	ND
Mirex	ND	ND	ND	ND	ND	ND
Oxychlordane	0.39	ND	ND	ND	ND	ND
Trans-nonachlor	0.39	0.55	0.26	0.53	0.76	ND
Cl2(08)	63.03	118.80	ND	4.08	34.64	2.49
Cl3(18)	4.61	6.72	2.98	5.03	7.41	0.47
Cl3(28)	3.86	6.76	4.89	8.25	17.00	0.72
Cl4(44)	5.80	7.89	6.73	8.64	11.50	0.30
Cl4(52)	9.05	16.13	9.21	15.97	18.21	0.45
Cl4(66)	4.45	7.92	5.43	8.69	11.09	0.29
Cl4(77)	ND	ND	ND	ND	ND	0.17
Cl5(101)	9.64	10.43	8.02	10.73	15.50	0.65
Cl5(105)	1.11	0.46	1.04	1.46	1.86	0.33
Cl5(110)	9.59	6.08	9.24	12.40	16.71	0.64
Cl5(118)	7.18	4.90	7.02	10.52	12.10	0.31
Cl5(126)	9.38	1.45	ND	6.52	3.49	3.70
Cl6(128)	1.68	0.80	1.98	1.57	2.75	ND
Cl6(129)	0.94	0.82	ND	2.67	1.86	0.74
Cl6(138)	9.54	6.03	ND	12.02	15.75	1.67
Cl6(153)	12.05	9.26	10.44	15.86	21.36	0.81
Cl6(169)	ND	ND	ND	ND	ND	ND
Cl7(170)	3.85	3.20	2.58	6.67	6.73	1.19
Cl7(180)	5.00	3.43	4.10	6.24	8.88	0.93
Cl7(187)	5.93	3.12	5.24	6.52	8.56	0.50
Cl8(195)	0.53	0.54	0.50	0.70	1.36	ND
Cl9(206)	1.06	0.74	1.13	1.54	1.78	0.89
Cl10(209)	1.31	0.84	0.50	0.68	1.23	0.26
DDT	3.93	2.67	1.11	4.45	6.44	1.75
DDD	4.38	3.60	3.23	6.17	6.44	1.98
DDE	7.48	3.20	6.65	5.21	7.92	0.81
Total DDTs	15.79	9.47	10.99	15.83	20.80	4.54
BHCs	2.68	1.77	0.32	0.50	ND	0.48
Chlordanes	3.29	3.12	2.43	4.39	4.45	ND
Endosulfans	3.99	2.38	2.61	3.72	4.43	ND
PCBs	106.54	97.54	81.03	142.68	185.13	15.03
Other Chlorinated	13.71	26.78	53.04	113.42	67.38	2.60

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
FIELD SAMPLE DATA
8081M- SURROGATE CORRECTED

SITE_ID	ORT15	ORT16	ORT18	ORT19	ORT20	ORT21
BATCH_ID	98-076	98-337	98-337	98-356	98-337	98-119
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	0.35	0.18	5.54	0.18	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	3.43	3.16	ND	2.69	6.89
1,4-Dichlorobenzene	74.30	ND	ND	ND	ND	19.88
Hexachlorobenzene	ND	ND	ND	ND	ND	3.25
Hexachlorobutadiene	ND	0.22	0.16	ND	0.16	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	0.28
Hexachloroethane	ND	0.05	0.09	ND	0.08	ND
2,4-DDD	4.70	2.92	1.48	6.04	0.34	1.53
4,4-DDD	5.96	3.76	1.83	2.23	0.79	2.84
2,4-DDE	ND	ND	ND	ND	ND	ND
4,4-DDE	6.13	5.03	3.03	2.16	0.56	5.53
2,4-DDT	ND	0.34	0.22	ND	ND	1.28
4,4-DDT	6.06	3.75	1.49	1.24	1.24	2.46
Aldrin	ND	ND	ND	0.18	ND	ND
a-BHC	ND	ND	ND	ND	ND	ND
b-BHC	ND	0.14	0.18	ND	ND	ND
d-BHC	ND	ND	ND	ND	ND	ND
g-BHC	ND	1.04	0.81	ND	0.51	1.35
Cis-chlordane	4.06	0.62	0.94	0.79	0.12	0.82
g-Chlordane	5.60	1.45	1.62	1.10	0.32	2.31
Cis-nonachlor	3.18	1.29	0.70	0.91	0.14	1.10
Dieldrin	2.57	0.71	0.23	ND	0.06	1.04
Dursban	2.14	0.54	0.66	1.33	0.34	ND
Endosulfan I	ND	ND	ND	0.01	ND	ND
Endosulfan II	ND	ND	ND	ND	ND	1.26
Endosulfan sulfate	0.89	0.67	0.33	1.23	0.07	ND
Endrin	ND	ND	0.47	0.33	ND	ND
Endrin aldehyde	ND	ND	ND	1.16	ND	ND
Endrin ketone	ND	0.26	ND	0.42	ND	1.02
Heptachlor	ND	0.34	0.28	ND	0.10	ND
Heptachlor epoxide	ND	ND	0.23	0.03	ND	0.23
Methoxychlor	3.77	ND	ND	ND	ND	ND
Mirex	ND	ND	ND	0.44	ND	ND
Oxychlordane	ND	0.81	0.68	ND	ND	0.51
Trans-nonachlor	2.20	0.24	0.38	0.70	ND	0.46
Cl2(08)	2.78	4.78	2.64	0.90	2.21	ND
Cl3(18)	5.95	6.14	4.69	2.22	0.78	6.96
Cl3(28)	9.28	9.22	8.38	4.27	4.00	10.19
Cl4(44)	8.50	9.98	8.88	4.24	0.46	12.50
Cl4(52)	15.00	15.33	14.67	8.03	0.84	21.88
Cl4(66)	9.95	9.81	8.45	4.93	0.56	11.56
Cl4(77)	33.45	1.28	0.55	1.66	0.16	ND
Cl5(101)	9.13	10.48	11.21	6.26	0.91	11.13
Cl5(105)	3.15	1.38	0.91	1.12	0.48	0.88
Cl5(110)	ND	10.88	5.50	5.44	0.84	9.67
Cl5(118)	9.62	7.63	3.77	4.89	0.64	6.66
Cl5(126)	9.46	10.75	78.74	4.39	ND	ND
Cl6(128)	1.26	0.32	0.17	0.10	ND	1.13
Cl6(129)	1.05	0.74	0.16	0.73	2.41	ND
Cl6(138)	14.64	9.73	4.64	12.31	1.89	5.76
Cl6(153)	16.31	14.39	6.23	48.95	0.82	12.80
Cl6(169)	ND	ND	ND	ND	ND	ND
Cl7(170)	7.35	4.98	2.48	22.11	0.89	2.44
Cl7(180)	7.25	6.42	2.57	49.56	0.61	4.72
Cl7(187)	3.48	3.97	1.65	19.91	0.41	4.19
Cl8(195)	1.05	0.75	0.34	4.61	ND	0.35
Cl9(206)	1.93	1.07	0.53	2.31	ND	0.80
Cl10(209)	0.70	0.37	0.51	0.22	ND	ND
DDT	6.06	4.09	1.71	1.24	1.24	3.74
DDD	10.67	6.68	3.31	8.26	1.13	4.37
DDE	6.13	5.03	3.03	2.16	0.56	5.53
Total DDTs	22.86	15.80	8.05	11.66	2.93	13.63
BHCs	ND	1.18	0.99	ND	0.51	1.35
Chlordanes	9.66	2.88	3.24	1.88	0.44	3.65
Endosulfans	0.89	0.67	0.33	1.24	0.07	1.26
PCBs	168.53	135.61	165.03	208.25	16.69	123.62
Other Chlorinated	74.30	4.05	3.59	5.54	3.12	27.05

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
FIELD SAMPLE DATA
8081M- SURROGATE CORRECTED

SITE_ID	ORT22	ORT23	ORT24	ORT25	ORT26	ORT27
BATCH_ID	98-356	98-119	98-119	98-120	98-120	98-076
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	1.58	ND
1,2,4-Trichlorobenzene	1.91	0.79	ND	ND	ND	1.49
1,2-Dichlorobenzene	ND	8.69	ND	ND	ND	ND
1,3-Dichlorobenzene	1.71	12.06	15.34	5.81	10.50	3.92
1,4-Dichlorobenzene	1.89	17.71	25.34	12.19	17.69	29.88
Hexachlorobenzene	ND	9.31	2.51	1.54	0.90	ND
Hexachlorobutadiene	0.07	0.78	0.56	0.32	ND	0.20
Hexachlorocyclopentadiene	ND	ND	1.16	1.27	ND	ND
Hexachloroethane	ND	0.22	ND	0.11	ND	ND
2,4-DDD	3.55	3.61	1.78	1.53	1.33	4.01
4,4-DDD	3.88	2.57	5.68	6.86	5.15	3.44
2,4-DDE	ND	ND	ND	ND	ND	ND
4,4-DDE	5.35	6.00	11.46	9.15	8.60	6.49
2,4-DDT	ND	ND	2.54	1.68	1.60	ND
4,4-DDT	1.18	2.62	5.50	5.86	4.92	3.28
Aldrin	0.56	ND	ND	1.34	ND	ND
a-BHC	ND	4.81	ND	ND	ND	ND
b-BHC	0.09	ND	ND	ND	ND	ND
d-BHC	ND	ND	ND	ND	ND	ND
g-BHC	0.52	1.83	2.11	2.28	1.58	ND
Cis-chlordane	2.24	0.95	3.38	9.00	3.41	3.98
g-Chlordane	3.15	4.29	4.55	13.92	6.88	6.32
Cis-nonachlor	2.70	1.22	2.84	6.77	3.97	4.34
Dieldrin	0.38	0.92	1.96	3.45	1.56	2.44
Dursban	1.85	ND	0.43	7.90	0.87	1.21
Endosulfan I	ND	ND	ND	ND	ND	ND
Endosulfan II	ND	1.44	2.37	4.88	2.44	1.49
Endosulfan sulfate	1.14	1.34	ND	2.91	ND	1.62
Endrin	0.41	ND	ND	ND	ND	0.31
Endrin aldehyde	0.33	ND	ND	0.16	ND	ND
Endrin ketone	0.28	1.78	1.74	3.36	ND	ND
Heptachlor	0.08	ND	ND	ND	ND	ND
Heptachlor epoxide	0.12	ND	ND	0.39	ND	0.50
Methoxychlor	ND	ND	ND	ND	ND	2.28
Mirex	0.34	ND	0.16	0.39	0.22	ND
Oxychlordane	0.74	0.47	0.56	0.81	0.59	1.46
Trans-nonachlor	1.55	0.51	1.77	8.10	1.86	1.59
Cl2(08)	2.08	2.06	ND	ND	4.79	10.87
Cl3(18)	7.23	7.31	5.85	16.84	12.21	27.65
Cl3(28)	12.15	11.17	9.84	25.06	18.59	42.24
Cl4(44)	13.45	13.47	14.11	35.06	26.92	50.71
Cl4(52)	30.02	19.86	22.05	61.01	43.97	86.35
Cl4(66)	14.85	11.83	12.82	34.30	25.00	45.76
Cl4(77)	2.34	ND	ND	3.39	1.97	2.56
Cl5(101)	14.03	10.83	14.11	23.29	19.74	30.47
Cl5(105)	3.05	1.94	2.68	6.12	4.04	5.03
Cl5(110)	16.03	11.43	16.83	24.19	20.28	30.56
Cl5(118)	13.56	7.53	10.76	23.51	17.64	26.85
Cl5(126)	4.13	ND	ND	ND	ND	22.13
Cl6(128)	0.58	1.45	1.50	3.45	2.57	2.60
Cl6(129)	0.81	ND	ND	ND	ND	1.41
Cl6(138)	13.68	8.97	13.54	18.51	14.86	24.44
Cl6(153)	21.03	12.48	20.00	29.46	27.22	43.98
Cl6(169)	ND	ND	ND	0.26	0.37	ND
Cl7(170)	7.99	3.43	6.76	19.86	11.46	9.01
Cl7(180)	7.97	4.62	7.65	13.27	11.43	13.15
Cl7(187)	4.78	5.00	6.18	9.36	7.15	6.50
Cl8(195)	1.15	0.31	ND	1.64	1.50	1.87
Cl9(206)	1.86	0.60	1.20	2.69	2.11	1.73
Cl10(209)	0.64	ND	ND	2.28	1.82	1.36
DDT	1.18	2.62	8.04	7.54	6.51	3.28
DDD	7.43	6.18	7.46	8.39	6.49	7.44
DDE	5.35	6.00	11.46	9.15	8.60	6.49
Total DDTs	13.97	14.81	26.96	25.08	21.60	17.21
BHCs	0.61	6.64	2.11	2.28	1.58	ND
Chlordanes	6.14	5.70	8.49	23.74	10.89	11.75
Endosulfans	1.14	2.78	2.37	7.78	2.44	3.11
PCBs	191.33	132.24	165.87	353.57	270.86	476.35
Other Chlorinated	5.57	40.25	42.40	19.69	29.77	35.50

SITE_ID	ORT28	ORT29	ORT30	ORT31	ORT32	ORT33
BATCH_ID	98-120	98-076	98-191	98-120	98-120	98-356
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	1.20	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.60
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.36	ND	ND	6.95	7.64	3.71
1,4-Dichlorobenzene	5.96	10.90	15.85	12.12	8.75	1.67
Hexachlorobenzene	3.46	0.92	ND	1.49	1.03	ND
Hexachlorobutadiene	0.27	ND	3.14	0.30	0.22	0.06
Hexachlorocyclopentadiene	1.22	ND	ND	0.38	ND	ND
Hexachloroethane	0.06	ND	ND	ND	ND	ND
2,4-DDD	1.01	0.51	ND	0.99	3.87	5.68
4,4-DDD	4.70	0.67	0.23	5.67	6.77	13.03
2,4-DDE	ND	ND	ND	1.44	0.59	ND
4,4-DDE	6.74	0.26	0.70	21.68	10.93	16.38
2,4-DDT	3.25	ND	ND	1.47	0.49	ND
4,4-DDT	4.24	0.83	ND	3.94	4.76	16.35
Aldrin	ND	ND	0.64	1.12	ND	1.43
a-BHC	ND	ND	ND	ND	ND	ND
b-BHC	ND	ND	ND	ND	ND	0.23
d-BHC	ND	ND	ND	ND	ND	0.10
g-BHC	1.84	0.27	0.40	2.67	2.02	0.30
Cis-chlordane	3.08	0.38	ND	16.47	7.28	20.10
g-Chlordane	4.96	1.22	ND	66.47	15.80	32.45
Cis-nonachlor	2.83	0.57	ND	6.89	4.53	11.47
Dieldrin	2.48	0.31	0.20	1.09	2.24	8.06
Dursban	0.61	0.32	ND	0.64	0.37	21.70
Endosulfan I	ND	ND	ND	ND	ND	0.07
Endosulfan II	2.01	ND	0.32	2.04	2.69	ND
Endosulfan sulfate	ND	ND	ND	ND	ND	ND
Endrin	ND	ND	ND	ND	ND	5.04
Endrin aldehyde	ND	ND	ND	0.39	ND	2.28
Endrin ketone	1.52	0.21	ND	ND	1.51	6.46
Heptachlor	ND	ND	ND	0.75	ND	0.52
Heptachlor epoxide	2.54	0.54	ND	0.12	ND	1.59
Methoxychlor	ND	ND	ND	ND	ND	ND
Mirex	0.21	ND	ND	0.34	0.21	0.87
Oxychlordane	ND	ND	ND	2.49	0.49	1.25
Trans-nonachlor	2.00	0.14	ND	8.60	4.75	19.24
Cl2(08)	1.95	3.27	ND	ND	ND	ND
Cl3(18)	4.65	9.36	0.49	3.13	2.09	0.80
Cl3(28)	7.89	7.78	ND	4.02	3.58	1.69
Cl4(44)	11.87	6.30	0.40	7.81	4.90	1.62
Cl4(52)	17.23	9.87	0.46	14.24	8.44	2.05
Cl4(66)	10.82	2.17	0.15	7.54	5.55	1.57
Cl4(77)	1.75	0.46	ND	1.07	1.28	2.52
Cl5(101)	9.46	2.58	0.34	21.29	10.24	3.01
Cl5(105)	2.51	1.04	ND	1.95	2.18	1.16
Cl5(110)	10.85	1.63	0.55	10.84	10.48	6.24
Cl5(118)	9.73	2.02	ND	7.54	6.22	5.23
Cl5(126)	ND	0.49	ND	ND	ND	10.84
Cl6(128)	1.50	ND	ND	2.08	1.33	0.21
Cl6(129)	ND	1.80	ND	ND	ND	1.45
Cl6(138)	9.62	1.00	ND	11.20	10.82	13.64
Cl6(153)	14.52	1.22	0.55	18.56	16.67	7.75
Cl6(169)	ND	ND	ND	0.24	0.21	ND
Cl7(170)	7.80	0.68	ND	6.23	8.01	17.91
Cl7(180)	5.93	0.49	0.27	7.13	6.31	5.30
Cl7(187)	4.23	0.27	0.54	4.41	4.94	1.96
Cl8(195)	0.72	ND	ND	0.93	0.94	1.45
Cl9(206)	2.27	ND	ND	1.56	2.64	0.79
Cl10(209)	1.03	ND	ND	1.34	1.38	0.67
DDT	7.49	0.83	ND	5.41	5.25	16.35
DDD	5.71	1.19	0.23	6.66	10.64	18.71
DDE	6.74	0.26	0.70	23.11	11.52	16.38
Total DDTs	19.94	2.28	0.93	35.18	27.41	51.44
BHCs	1.84	0.27	0.40	2.67	2.02	0.63
Chlordanes	8.05	1.60	ND	85.44	23.57	53.80
Endosulfans	2.01	ND	0.32	2.04	2.69	0.07
PCBs	134.37	49.18	3.76	133.10	108.22	87.87
Other Chlorinated	12.87	10.90	18.98	19.74	17.81	6.03

SITE_ID	ORT34	ORT35	ORT36	ORT37	ORT38	ORT39
BATCH_ID	98-337	98-119	98-120	98-119	98-191	98-076
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	0.23	0.50	ND	ND	ND	1.28
1,2-Dichlorobenzene	ND	ND	ND	ND	20.33	ND
1,3-Dichlorobenzene	2.68	5.19	8.95	6.08	ND	25.27
1,4-Dichlorobenzene	ND	11.60	6.68	19.01	41.64	ND
Hexachlorobenzene	ND	9.57	1.23	1.40	ND	ND
Hexachlorobutadiene	0.20	0.70	0.31	0.35	ND	ND
Hexachlorocyclopentadiene	ND	0.59	0.79	0.51	ND	ND
Hexachloroethane	0.13	0.08	0.01	0.16	0.07	ND
2,4-DDD	2.54	0.89	1.04	1.05	0.97	5.25
4,4-DDD	2.55	2.26	3.48	5.26	6.00	6.33
2,4-DDE	0.14	ND	0.26	ND	1.17	ND
4,4-DDE	5.37	4.89	6.09	7.64	21.47	14.63
2,4-DDT	0.05	1.33	4.44	ND	4.59	ND
4,4-DDT	2.25	2.35	3.88	3.32	3.38	4.22
Aldrin	ND	ND	0.29	ND	ND	ND
a-BHC	ND	ND	ND	ND	ND	ND
b-BHC	0.09	ND	ND	ND	ND	ND
d-BHC	ND	ND	ND	ND	ND	ND
g-BHC	0.80	1.54	1.51	1.69	ND	1.33
Cis-chlordane	1.04	1.32	1.79	5.27	1.90	1.69
g-Chlordane	1.78	2.99	3.55	7.32	2.97	3.59
Cis-nonachlor	1.59	1.24	2.07	4.53	2.22	2.99
Dieldrin	0.47	0.75	0.88	2.21	1.53	0.88
Dursban	0.64	ND	0.47	1.26	ND	ND
Endosulfan I	ND	ND	ND	ND	ND	ND
Endosulfan II	ND	1.41	1.41	2.35	1.81	0.41
Endosulfan sulfate	0.44	0.92	ND	1.41	2.09	ND
Endrin	0.24	ND	ND	ND	0.23	ND
Endrin aldehyde	0.19	ND	ND	ND	ND	ND
Endrin ketone	0.62	1.24	1.60	ND	ND	1.14
Heptachlor	0.19	ND	ND	ND	ND	0.08
Heptachlor epoxide	ND	ND	0.28	0.11	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	0.46
Mirex	ND	0.13	0.25	ND	ND	ND
Oxychlordane	0.83	0.38	0.61	0.49	ND	1.48
Trans-nonachlor	0.44	0.78	1.25	2.39	0.50	0.63
Cl2(08)	3.41	2.31	ND	7.59	2.90	6.44
Cl3(18)	5.30	3.52	3.76	24.51	5.89	21.18
Cl3(28)	9.28	7.02	6.97	28.87	8.02	23.33
Cl4(44)	9.39	8.12	9.51	37.61	11.08	39.57
Cl4(52)	15.07	12.84	14.49	61.83	16.39	60.11
Cl4(66)	9.10	7.52	8.58	32.54	9.67	27.20
Cl4(77)	0.72	ND	0.77	2.64	ND	3.01
Cl5(101)	8.57	7.83	7.95	19.86	11.48	21.18
Cl5(105)	1.31	1.58	1.51	3.44	1.59	3.05
Cl5(110)	8.51	7.58	8.67	18.77	12.76	22.11
Cl5(118)	6.33	5.91	7.31	17.04	11.68	16.53
Cl5(126)	9.64	ND	ND	ND	ND	2.91
Cl6(128)	ND	0.94	1.45	1.65	1.18	2.32
Cl6(129)	0.42	ND	ND	ND	ND	3.18
Cl6(138)	7.43	5.25	6.68	11.56	11.96	13.16
Cl6(153)	10.08	9.39	11.15	24.32	14.85	24.84
Cl6(169)	ND	ND	ND	0.17	ND	ND
Cl7(170)	3.57	3.83	4.57	6.69	3.97	5.36
Cl7(180)	4.84	3.33	5.07	9.07	6.68	8.35
Cl7(187)	2.86	2.79	3.61	5.68	9.26	5.15
Cl8(195)	0.66	0.60	0.55	0.98	0.64	0.75
Cl9(206)	0.86	1.31	1.45	1.35	1.34	1.17
Cl10(209)	0.45	0.57	1.22	0.93	1.27	0.65
DDT	2.30	3.69	8.32	3.32	7.97	4.22
DDD	5.09	3.15	4.52	6.30	6.97	11.58
DDE	5.51	4.89	6.35	7.64	22.64	14.63
Total DDTs	12.90	11.73	19.19	17.27	37.58	30.43
BHCs	0.89	1.54	1.51	1.69	ND	1.33
Chlordanes	3.65	4.69	5.95	13.08	4.87	6.76
Endosulfans	0.44	2.33	1.41	3.75	3.90	0.41
PCBs	114.39	89.95	105.26	309.50	139.70	305.10
Other Chlorinated	3.25	18.66	16.74	26.11	62.03	26.55

SITE_ID	ORT39-1	ORT40	ORT41
BATCH_ID	98-337	98-191	98-356
MATRIX	Sediment	Sediment	Sediment
ANAL_MET	8081-MOD	8081-MOD	8081-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
1,2,4,5-Tetrachlorobenzene	ND	2.78	ND
1,2,4-Trichlorobenzene	0.12	ND	ND
1,2-Dichlorobenzene	ND	53.62	ND
1,3-Dichlorobenzene	4.79	ND	2.76
1,4-Dichlorobenzene	ND	66.52	2.67
Hexachlorobenzene	ND	ND	ND
Hexachlorobutadiene	0.21	12.68	0.13
Hexachlorocyclopentadiene	ND	ND	ND
Hexachloroethane	0.08	0.05	0.09
2,4-DDD	2.42	0.71	1.51
4,4-DDD	4.92	1.74	2.25
2,4-DDE	ND	ND	0.19
4,4-DDE	8.74	3.84	4.51
2,4-DDT	0.34	1.14	ND
4,4-DDT	3.18	ND	1.31
Aldrin	ND	ND	0.51
a-BHC	ND	ND	ND
b-BHC	0.15	ND	ND
d-BHC	ND	0.43	ND
g-BHC	1.13	2.19	0.66
Cis-chlordane	0.68	2.83	0.38
g-Chlordane	1.46	4.41	0.63
Cis-nonachlor	1.59	1.34	0.76
Dieldrin	0.39	0.46	0.30
Dursban	0.49	1.38	0.28
Endosulfan I	ND	0.30	ND
Endosulfan II	ND	0.76	ND
Endosulfan sulfate	0.36	1.59	0.23
Endrin	0.63	0.49	0.51
Endrin aldehyde	ND	0.24	0.14
Endrin ketone	0.30	1.36	0.27
Heptachlor	0.30	ND	0.10
Heptachlor epoxide	0.13	ND	0.08
Methoxychlor	ND	ND	ND
Mirex	ND	0.14	ND
Oxychlordane	1.24	ND	0.17
Trans-nonachlor	0.19	0.70	0.14
Cl2(08)	4.15	ND	ND
Cl3(18)	7.10	8.04	1.28
Cl3(28)	12.67	12.90	1.75
Cl4(44)	ND	19.13	2.01
Cl4(52)	18.19	28.70	2.98
Cl4(66)	12.46	17.39	1.98
Cl4(77)	1.07	0.67	0.85
Cl5(101)	9.74	15.80	2.31
Cl5(105)	2.12	0.79	1.56
Cl5(110)	11.45	5.58	3.25
Cl5(118)	7.79	3.82	2.29
Cl5(126)	ND	ND	59.56
Cl6(128)	0.18	ND	ND
Cl6(129)	2.76	ND	ND
Cl6(138)	6.58	ND	4.81
Cl6(153)	9.91	5.84	3.34
Cl6(169)	ND	ND	ND
Cl7(170)	5.22	1.71	0.83
Cl7(180)	4.82	2.28	1.69
Cl7(187)	3.11	3.94	1.11
Cl8(195)	0.50	0.22	0.17
Cl9(206)	0.62	0.69	0.37
Cl10(209)	0.47	0.49	0.29
DDT	3.53	1.14	1.31
DDD	7.34	2.45	3.76
DDE	8.74	3.84	4.71
Total DDTs	19.61	7.43	9.78
BHCs	1.28	2.62	0.66
Chlordanes	3.38	7.23	1.18
Endosulfans	0.36	2.65	0.23
PCBs	116.75	127.99	92.42
Other Chlorinated	5.21	135.66	5.66

Appendix D. Chlorophenolic Compound (Method 8321M) Data

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8321M- SURROGATE CORRECTED

SITE_ID	BAY01	BOL04	BUCK03	CDRC01	CO06	DUN01
BATCH_ID	98-337	97-089	97-089	98-356	97-089	98-337
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
2,4-Dichlorophenol	247.96	ND	ND	157.03	ND	ND
2,6-Dichlorophenol	ND	ND	ND	ND	ND	ND
2-Chlorophenol	922.23	95.83	490.99	725.31	494.07	1714.70
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	51.88
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND
2,3,4,5-Tetrachlorophenol	ND	ND	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	3827.20	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND
2-Chloroanisole	ND	ND	ND	ND	ND	ND
2,4-Dichloroanisole	103.06	ND	ND	88.28	113.33	257.84
Pentachloroanisole	ND	ND	ND	ND	2596.74	ND
4,5-Dichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,5-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,6-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
4,5,6-Trichloroguaiacol	ND	ND	ND	200.78	ND	244.57
Tetrachloroguaiacol	ND	ND	841.27	ND	2188.41	ND
4-Chlorocatechol	ND	ND	ND	ND	ND	ND
3,5-Dichlorocatechol	142.22	ND	ND	980.30	148.33	ND
4,5-Dichlorocatechol	ND	ND	ND	ND	ND	ND
3,4,5-Trichlorocatechol	ND	ND	ND	ND	ND	1529.53
3,4,6-Trichlorocatechol	ND	ND	ND	ND	585.62	427.27
Tetrachlorocatechol	7589.57	ND	ND	ND	ND	9562.95
Phenols	1170.19	95.83	490.99	4709.54	494.07	1766.57
Anisoles	103.06	ND	ND	88.28	2710.07	257.84
Guaiacols	ND	ND	841.27	200.78	2188.41	244.57
Catechols	7731.79	ND	ND	980.30	733.95	11519.76
Total Chlorophenolics	9005.04	95.83	1332.26	5978.90	6126.50	13788.73

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8321M- SURROGATE CORRECTED

SITE_ID	GC02	HSP05	JUL02	LSJ01	LSJ02	LSJ03
BATCH_ID	98-337	97-089	98-337	96-178	96-178	96-146
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
2,4-Dichlorophenol	ND	ND	ND	ND	ND	31.31
2,6-Dichlorophenol	ND	ND	155.53	ND	ND	ND
2-Chlorophenol	494.05	311.67	1180.89	1125.63	3578.57	870.00
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	519.96	503.05	ND
2,3,4,5-Tetrachlorophenol	ND	ND	1428.57	866.17	280.06	276.24
2,3,4,6-Tetrachlorophenol	ND	ND	124.63	ND	ND	ND
Pentachlorophenol	ND	ND	ND	2886.36	249.19	265.29
4-Chloro-3-methylphenol	ND	ND	ND	131.74	ND	ND
2-Chloroanisole	ND	ND	ND	ND	ND	54.77
2,4-Dichloroanisole	184.29	ND	ND	ND	ND	ND
Pentachloroanisole	ND	ND	ND	ND	ND	ND
4,5-Dichloroguaiacol	ND	ND	ND	ND	ND	34.23
3,4,5-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,6-Trichloroguaiacol	ND	ND	ND	ND	ND	103.08
4,5,6-Trichloroguaiacol	ND	ND	480.54	ND	ND	46.15
Tetrachloroguaiacol	ND	2514.71	ND	3846.74	1792.72	1592.28
4-Chlorocatechol	ND	630.00	ND	ND	ND	ND
3,5-Dichlorocatechol	ND	ND	ND	343.91	140.32	160.77
4,5-Dichlorocatechol	ND	ND	ND	ND	ND	ND
3,4,5-Trichlorocatechol	377.91	ND	139.29	ND	ND	ND
3,4,6-Trichlorocatechol	ND	ND	ND			
Tetrachlorocatechol	3958.44	ND	8870.24			
Phenols	494.05	311.67	2889.62	5529.86	4610.87	1442.83
Anisoles	184.29	ND	ND	ND	ND	54.77
Guaiacols	ND	2514.71	480.54	3846.74	1792.72	1775.75
Catechols	4336.34	630.00	9009.52	343.91	140.32	160.77
Total Chlorophenolics	5014.68	3456.37	12379.68	9720.50	6543.92	3434.12

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8321M- SURROGATE CORRECTED

SITE_ID	LSJ04	LSJ05	LSJ06	LSJ07	LSJ08	LSJ09
BATCH_ID	96-146	96-146	96-146	96-146	96-146	96-146
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND
2,6-Dichlorophenol	ND	ND	ND	ND	ND	ND
2-Chlorophenol	104.36	2411.90	238.61	769.44	522.84	323.73
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	74.52	ND
2,3,4,5-Tetrachlorophenol	ND	507.94	252.97	238.73	414.91	325.90
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND
Pentachlorophenol	130.00	572.37	ND	ND	668.55	131.25
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND
2-Chloroanisole	ND	ND	ND	ND	ND	ND
2,4-Dichloroanisole	ND	ND	ND	ND	ND	ND
Pentachloroanisole	ND	ND	ND	ND	ND	ND
4,5-Dichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,5-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,6-Trichloroguaiacol	ND	260.21	79.69	141.55	113.71	ND
4,5,6-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
Tetrachloroguaiacol	836.67	3487.82	1260.16	816.90	1786.77	893.13
4-Chlorocatechol	ND	ND	ND	ND	ND	ND
3,5-Dichlorocatechol	ND	ND	ND	ND	621.68	ND
4,5-Dichlorocatechol	ND	ND	ND	ND	ND	ND
3,4,5-Trichlorocatechol	ND	ND	ND	ND	ND	ND
3,4,6-Trichlorocatechol						
Tetrachlorocatechol						
Phenols	234.36	3492.22	491.58	1008.18	1680.82	780.88
Anisoles	ND	ND	ND	ND	ND	ND
Guaiacols	836.67	3748.03	1339.84	958.45	1900.48	893.13
Catechols	ND	ND	ND	ND	621.68	ND
Total Chlorophenolics	1071.02	7240.24	1831.42	1966.63	4202.97	1674.01

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8321M- SURROGATE CORRECTED

SITE_ID	LSJ10	LSJ11	LSJ12	LSJ13	LSJ14	LSJ15
BATCH_ID	96-146	96-146	96-146	96-140	96-140	96-140
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
2,4-Dichlorophenol	ND	ND	88.24	ND	ND	ND
2,6-Dichlorophenol	ND	ND	ND	ND	ND	ND
2-Chlorophenol	43.87	376.02	416.02	254.50	1081.75	227.72
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND
2,3,4,5-Tetrachlorophenol	17.89	255.34	394.12	219.48	589.46	34.02
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND
Pentachlorophenol	2.00	ND	ND	887.89	646.01	179.13
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND
2-Chloroanisole	ND	116.18	ND	ND	ND	ND
2,4-Dichloroanisole	ND	ND	ND	ND	ND	ND
Pentachloroanisole	ND	ND	ND	ND	ND	ND
4,5-Dichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,5-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,6-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
4,5,6-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
Tetrachloroguaiacol	46.26	1777.79	1155.88	490.56	1359.30	177.10
4-Chlorocatechol	ND	ND	ND	ND	ND	ND
3,5-Dichlorocatechol	30.86	158.09	441.91	177.14	532.81	ND
4,5-Dichlorocatechol	ND	ND	ND	ND	ND	ND
3,4,5-Trichlorocatechol	ND	ND	ND	ND	ND	15.63
3,4,6-Trichlorocatechol						
Tetrachlorocatechol						
Phenols	63.76	631.36	898.37	1361.88	2317.21	440.87
Anisoles	ND	116.18	ND	ND	ND	ND
Guaiacols	46.26	1777.79	1155.88	490.56	1359.30	177.10
Catechols	30.86	158.09	441.91	177.14	532.81	15.63
Total Chlorophenolics	140.88	2683.42	2496.17	2029.58	4209.33	633.60

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8321M- SURROGATE CORRECTED

SITE_ID	LSJ16	LSJ17	LSJ18	LSJ19	LSJ20	LSJ21
BATCH_ID	96-140	96-140	96-140	96-140	96-140	96-140
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
2,4-Dichlorophenol	ND	ND	ND	ND	4.47	ND
2,6-Dichlorophenol	ND	ND	ND	ND	ND	ND
2-Chlorophenol	495.23	473.65	304.61	234.87	230.50	401.71
2,4,5-Trichlorophenol	ND	36.14	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND
2,3,4,5-Tetrachlorophenol	502.61	364.81	ND	163.84	81.41	ND
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND
Pentachlorophenol	546.70	422.60	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND
2-Chloroanisole	ND	ND	ND	ND	ND	ND
2,4-Dichloroanisole	ND	ND	ND	ND	ND	ND
Pentachloroanisole	ND	ND	ND	ND	ND	ND
4,5-Dichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,5-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,6-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
4,5,6-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
Tetrachloroguaiacol	918.41	1118.70	254.42	268.68	181.52	ND
4-Chlorocatechol	ND	ND	ND	ND	ND	ND
3,5-Dichlorocatechol	ND	ND	ND	ND	ND	ND
4,5-Dichlorocatechol	ND	ND	ND	ND	ND	ND
3,4,5-Trichlorocatechol	ND	ND	ND	ND	28.82	ND
3,4,6-Trichlorocatechol						
Tetrachlorocatechol						
Phenols	1544.55	1297.19	304.61	398.71	316.38	401.71
Anisoles	ND	ND	ND	ND	ND	ND
Guaiacols	918.41	1118.70	254.42	268.68	181.52	ND
Catechols	ND	ND	ND	ND	28.82	ND
Total Chlorophenolics	2462.95	2415.90	559.03	667.39	526.72	401.71

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8321M- SURROGATE CORRECTED

SITE_ID	LSJ22	LSJ23	LSJ24	LSJ25	LSJ26	LSJ27
BATCH_ID	96-140	96-158	96-158	96-158	96-158	96-158
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
2,4-Dichlorophenol	ND	ND	ND	ND	19.54	ND
2,6-Dichlorophenol	ND	ND	ND	ND	ND	ND
2-Chlorophenol	663.14	113.54	106.60	602.27	76.25	2493.89
2,4,5-Trichlorophenol	ND	57.58	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	230.43	ND	ND	ND	ND
2,3,4,5-Tetrachlorophenol	57.59	1407.57	410.07	1091.82	137.69	549.37
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND
Pentachlorophenol	230.85	1967.74	ND	244.87	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND
2-Chloroanisole	ND	336.41	ND	ND	ND	ND
2,4-Dichloroanisole	ND	96.52	ND	ND	ND	ND
Pentachloroanisole	ND	991.94	ND	ND	ND	ND
4,5-Dichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,5-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,6-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
4,5,6-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
Tetrachloroguaiacol	344.64	7264.03	1396.53	500.54	ND	2489.50
4-Chlorocatechol	ND	ND	ND	ND	ND	ND
3,5-Dichlorocatechol	ND	247.58	1034.72	901.95	260.10	918.57
4,5-Dichlorocatechol	ND	ND	ND	ND	ND	ND
3,4,5-Trichlorocatechol	ND	ND	ND	ND	ND	ND
3,4,6-Trichlorocatechol						
Tetrachlorocatechol						
Phenols	951.58	3776.87	516.67	1938.97	233.48	3043.26
Anisoles	ND	1424.87	ND	ND	ND	ND
Guaiacols	344.64	7264.03	1396.53	500.54	ND	2489.50
Catechols	ND	247.58	1034.72	901.95	260.10	918.57
Total Chlorophenolics	1296.23	12713.34	2947.92	3341.45	493.58	6451.33

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8321M- SURROGATE CORRECTED

SITE_ID	LSJ28	LSJ29	LSJ30	LSJ31	LSJ32	LSJ33
BATCH_ID	96-178	96-178	96-178	96-178	96-178	96-178
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND
2,6-Dichlorophenol	ND	ND	ND	ND	ND	ND
2-Chlorophenol	376.79	1167.37	695.79	287.45	1799.05	148.83
2,4,5-Trichlorophenol	ND	64.17	ND	ND	ND	ND
2,4,6-Trichlorophenol	110.00	38.00	277.46	ND	372.72	ND
2,3,4,5-Tetrachlorophenol	253.33	351.42	ND	ND	597.00	ND
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	165.83	3290.89	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND
2-Chloroanisole	ND	ND	ND	ND	ND	ND
2,4-Dichloroanisole	ND	ND	ND	ND	ND	ND
Pentachloroanisole	ND	ND	ND	ND	ND	ND
4,5-Dichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,5-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,6-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
4,5,6-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
Tetrachloroguaiacol	850.00	1544.26	7222.97	ND	3316.10	ND
4-Chlorocatechol	ND	ND	ND	ND	ND	ND
3,5-Dichlorocatechol	124.17	452.28	ND	ND	501.38	29.50
4,5-Dichlorocatechol	ND	ND	ND	ND	ND	ND
3,4,5-Trichlorocatechol	ND	ND	ND	ND	ND	ND
3,4,6-Trichlorocatechol						
Tetrachlorocatechol						
Phenols	740.12	1786.79	4264.14	287.45	2768.76	148.83
Anisoles	ND	ND	ND	ND	ND	ND
Guaiacols	850.00	1544.26	7222.97	ND	3316.10	ND
Catechols	124.17	452.28	ND	ND	501.38	29.50
Total Chlorophenolics	1714.29	3783.33	11487.11	287.45	6586.24	178.33

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8321M- SURROGATE CORRECTED

SITE_ID	LSJ35	LSJ36	LSJ37	LSJ39	LSJ40	LSJRC01
BATCH_ID	96-158	96-158	96-158	96-158	96-158	96-234
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND
2,6-Dichlorophenol	ND	ND	ND	ND	ND	ND
2-Chlorophenol	1407.14	27.35	ND	ND	195.00	525.23
2,4,5-Trichlorophenol	ND	ND	ND	ND	161.96	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	406.15
2,3,4,5-Tetrachlorophenol	531.58	66.97	ND	30.42	1233.87	232.27
2,3,4,6-Tetrachlorophenol	ND	33.31	ND	ND	ND	31.12
Pentachlorophenol	2947.37	47.62	ND	ND	294.57	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND
2-Chloroanisole	ND	ND	ND	ND	ND	ND
2,4-Dichloroanisole	ND	ND	ND	ND	ND	183.31
Pentachloroanisole	ND	ND	ND	ND	2543.48	ND
4,5-Dichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,5-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,6-Trichloroguaiacol	243.42	34.32	ND	ND	ND	ND
4,5,6-Trichloroguaiacol	ND	ND	ND	ND	ND	94.66
Tetrachloroguaiacol	2161.84	292.52	ND	ND	6250.42	823.72
4-Chlorocatechol	ND	ND	ND	ND	ND	ND
3,5-Dichlorocatechol	1378.95	171.35	ND	ND	681.52	35.68
4,5-Dichlorocatechol	ND	ND	ND	ND	ND	ND
3,4,5-Trichlorocatechol	ND	ND	ND	ND	ND	276.45
3,4,6-Trichlorocatechol						ND
Tetrachlorocatechol						ND
Phenols	4886.09	175.25	ND	30.42	1885.39	1194.76
Anisoles	ND	ND	ND	ND	2543.48	183.31
Guaiacols	2405.26	326.84	ND	ND	6250.42	918.38
Catechols	1378.95	171.35	ND	ND	681.52	312.12
Total Chlorophenolics	8670.30	673.45	ND	30.42	11360.81	2608.58

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8321M- SURROGATE CORRECTED

SITE_ID	LSJRC02	LSJRC03	LSJRC04	LSJRC05	LSJRC06	LSJRC07
BATCH_ID	96-234	96-234	96-234	96-234	96-234	96-234
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND
2,6-Dichlorophenol	ND	ND	ND	46.82	62.50	ND
2-Chlorophenol	1521.88	2165.96	1256.52	858.02	1528.97	471.20
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	53.05	378.73	256.67
2,3,4,5-Tetrachlorophenol	966.35	1187.72	357.12	ND	ND	ND
2,3,4,6-Tetrachlorophenol	500.19	247.32	89.84	ND	ND	ND
Pentachlorophenol	ND	648.21	164.71	377.70	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	41.55	ND	ND
2-Chloroanisole	154.23	ND	ND	ND	ND	75.79
2,4-Dichloroanisole	523.49	ND	ND	ND	1486.54	159.83
Pentachloroanisole	ND	ND	ND	ND	ND	ND
4,5-Dichloroguaiacol	ND	ND	ND	ND	ND	9.44
3,4,5-Trichloroguaiacol	ND	ND	ND	ND	341.25	ND
3,4,6-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
4,5,6-Trichloroguaiacol	429.15	ND	ND	41.08	1797.84	106.94
Tetrachloroguaiacol	2531.69	2880.58	558.64	ND	ND	ND
4-Chlorocatechol	ND	ND	ND	20605.19	181.19	ND
3,5-Dichlorocatechol	ND	ND	ND	160.26	225.00	71.92
4,5-Dichlorocatechol	ND	ND	ND	296.34	297.50	58.53
3,4,5-Trichlorocatechol	419.01	ND	ND	414.91	386.25	576.06
3,4,6-Trichlorocatechol	ND	ND	ND	ND	ND	ND
Tetrachlorocatechol	ND	ND	ND	ND	ND	ND
Phenols	2988.41	4249.22	1868.19	1377.14	1970.20	727.87
Anisoles	677.71	ND	ND	ND	1486.54	235.63
Guaiacols	2960.84	2880.58	558.64	41.08	2139.09	116.39
Catechols	419.01	ND	ND	21476.69	1089.94	706.51
Total Chlorophenolics	7045.98	7129.80	2426.83	22894.91	6685.78	1786.40

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8321M- SURROGATE CORRECTED

SITE_ID	LSJRC08	LSJRC09	LSJRC10	LSJRC11	LSJRC12	LSJRC13
BATCH_ID	96-234	96-234	96-234	96-239	96-239	96-239
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND
2,6-Dichlorophenol	ND	ND	ND	38.19	ND	ND
2-Chlorophenol	2535.71	3369.67	2074.12	497.36	19.21	349.57
2,4,5-Trichlorophenol	ND	301.22	ND	ND	ND	ND
2,4,6-Trichlorophenol	797.16	354.92	ND	ND	ND	90.79
2,3,4,5-Tetrachlorophenol	ND	ND	ND	ND	ND	119.70
2,3,4,6-Tetrachlorophenol	333.80	695.12	604.09	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	249.40	ND	ND	ND	ND
2-Chloroanisole	127.46	ND	ND	1536.00	ND	50.00
2,4-Dichloroanisole	648.47	557.47	736.62	635.42	ND	135.69
Pentachloroanisole	ND	ND	ND	ND	ND	ND
4,5-Dichloroguaiacol	46.47	64.17	ND	ND	ND	ND
3,4,5-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,6-Trichloroguaiacol	ND	226.39	ND	ND	ND	ND
4,5,6-Trichloroguaiacol	753.86	272.35	325.12	390.33	ND	57.63
Tetrachloroguaiacol	2345.16	1693.32	4208.47	ND	ND	206.82
4-Chlorocatechol	ND	ND	ND	110.58	ND	161.94
3,5-Dichlorocatechol	186.62	ND	45.86	ND	ND	ND
4,5-Dichlorocatechol	ND	214.58	ND	33.13	ND	ND
3,4,5-Trichlorocatechol	370.51	560.21	1418.36	ND	ND	166.45
3,4,6-Trichlorocatechol	ND	ND	ND	ND	ND	ND
Tetrachlorocatechol	ND	ND	ND	ND	ND	ND
Phenols	3666.67	4970.33	2678.21	535.56	19.21	560.06
Anisoles	775.94	557.47	736.62	2171.42	ND	185.69
Guaiacols	3145.49	2256.23	4533.60	390.33	ND	264.45
Catechols	557.13	774.79	1464.22	143.70	ND	328.39
Total Chlorophenolics	8145.23	8558.82	9412.64	3241.01	19.21	1338.59

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8321M- SURROGATE CORRECTED

SITE_ID	LSJRC13-02	LSJRC14	LSJRC15	LSJRC16	LSJRC17	LSJRC18
BATCH_ID	98-337	96-239	96-239	96-239	96-239	96-239
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND
2,6-Dichlorophenol	ND	ND	ND	ND	ND	ND
2-Chlorophenol	598.61	200.87	871.09	324.77	122.69	73.63
2,4,5-Trichlorophenol	ND	3.28	ND	ND	2.34	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	25.81
2,3,4,5-Tetrachlorophenol	ND	257.94	526.89	495.38	151.92	ND
2,3,4,6-Tetrachlorophenol	ND	40.42	175.93	139.71	37.12	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND
2-Chloroanisole	ND	ND	58.27	ND	23.93	ND
2,4-Dichloroanisole	111.36	33.81	233.05	298.11	88.68	13.56
Pentachloroanisole	ND	ND	ND	ND	ND	ND
4,5-Dichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,5-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,6-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
4,5,6-Trichloroguaiacol	ND	ND	108.02	ND	51.42	9.83
Tetrachloroguaiacol	ND	492.76	736.22	655.22	391.48	ND
4-Chlorocatechol	ND	ND	ND	ND	ND	105.45
3,5-Dichlorocatechol	ND	ND	111.39	89.05	ND	ND
4,5-Dichlorocatechol	ND	ND	ND	ND	ND	ND
3,4,5-Trichlorocatechol	305.30	136.16	ND	ND	93.15	ND
3,4,6-Trichlorocatechol	ND	ND	ND	ND	ND	ND
Tetrachlorocatechol	5840.91	ND	ND	ND	ND	ND
Phenols	598.61	502.50	1573.90	959.85	314.08	99.44
Anisoles	111.36	33.81	291.32	298.11	112.61	13.56
Guaiacols	ND	492.76	844.25	655.22	442.89	9.83
Catechols	6146.21	136.16	111.39	89.05	93.15	105.45
Total Chlorophenolics	6856.19	1165.23	2820.87	2002.23	962.73	228.29

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8321M- SURROGATE CORRECTED

SITE_ID	LSJRC19	LSJRC20	MOC07	NASCP01	NASM01	OBB
BATCH_ID	96-239	96-239	97-089	97-089	97-089	97-089
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND
2,6-Dichlorophenol	ND	ND	ND	153.93	55.07	ND
2-Chlorophenol	491.12	599.02	276.27	226.86	486.28	565.89
2,4,5-Trichlorophenol	ND	26.99	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	42.44	ND	ND	ND	ND
2,3,4,5-Tetrachlorophenol	468.93	325.35	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	368.68	234.62	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND
2-Chloroanisole	160.68	ND	ND	ND	ND	ND
2,4-Dichloroanisole	225.00	224.06	ND	ND	ND	ND
Pentachloroanisole	ND	ND	ND	ND	ND	ND
4,5-Dichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,5-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,6-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
4,5,6-Trichloroguaiacol	30.00	135.26	ND	ND	ND	ND
Tetrachloroguaiacol	678.05	831.71	382.03	903.85	572.78	1715.36
4-Chlorocatechol	ND	ND	ND	ND	ND	ND
3,5-Dichlorocatechol	194.44	140.00	175.81	ND	572.07	ND
4,5-Dichlorocatechol	ND	ND	ND	ND	ND	ND
3,4,5-Trichlorocatechol	ND	ND	ND	34.78	ND	ND
3,4,6-Trichlorocatechol	ND	ND	ND	ND	ND	ND
Tetrachlorocatechol	ND	ND	ND	ND	ND	ND
Phenols	1328.73	1228.41	276.27	380.79	541.35	565.89
Anisoles	385.68	224.06	ND	ND	ND	ND
Guaiacols	708.05	966.97	382.03	903.85	572.78	1715.36
Catechols	194.44	140.00	175.81	34.78	572.07	ND
Total Chlorophenolics	2616.90	2559.44	834.11	1319.42	1686.20	2281.25

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
8321M- SURROGATE CORRECTED

SITE_ID	ORG01	PA32	PP61	RCCP02	WEK02
BATCH_ID	97-089	96-178	96-178	97-089	98-337
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
2,4-Dichlorophenol	ND	ND	ND	ND	ND
2,6-Dichlorophenol	ND	ND	ND	ND	ND
2-Chlorophenol	744.89	122.62	171.49	ND	720.31
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	429.33	ND
2,3,4,5-Tetrachlorophenol	ND	870.69	412.64	216.67	1836.36
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND
Pentachlorophenol	ND	336.56	ND	1363.82	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND
2-Chloroanisole	ND	ND	ND	241.62	ND
2,4-Dichloroanisole	ND	ND	ND	265.88	127.27
Pentachloroanisole	1320.00	ND	ND	ND	ND
4,5-Dichloroguaiacol	ND	ND	ND	ND	ND
3,4,5-Trichloroguaiacol	ND	ND	ND	ND	ND
3,4,6-Trichloroguaiacol	ND	ND	ND	ND	552.73
4,5,6-Trichloroguaiacol	ND	ND	ND	1364.12	199.82
Tetrachloroguaiacol	1488.63	559.74	315.29	488.00	ND
4-Chlorocatechol	ND	ND	ND	138.78	ND
3,5-Dichlorocatechol	701.55	130.89	79.85	237.93	ND
4,5-Dichlorocatechol	ND	ND	ND	ND	53.09
3,4,5-Trichlorocatechol	ND	ND	ND	180.00	1085.45
3,4,6-Trichlorocatechol	ND			ND	ND
Tetrachlorocatechol	ND			ND	7663.64
Phenols	744.89	1329.87	584.13	2009.82	2556.67
Anisoles	1320.00	ND	ND	507.50	127.27
Guaiacols	1488.63	559.74	315.29	1852.12	752.55
Catechols	701.55	130.89	79.85	556.71	8802.18
Total Chlorophenolics	4255.07	2020.50	979.27	4926.15	12238.67

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
FIELD SAMPLE DATA
8321M- SURROGATE CORRECTED

SITE_ID	CED03	CED04	ORT02	ORT04	ORT06-1	ORT07
BATCH_ID	98-356	98-337	98-356	98-356	98-337	98-356
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
2,4-Dichlorophenol	ND	ND	ND	ND	277.27	ND
2,6-Dichlorophenol	90.00	526.92	ND	ND	ND	131.72
2-Chlorophenol	675.76	757.89	263.16	508.11	292.68	540.00
2,4,5-Trichlorophenol	ND	ND	88.96	ND	ND	164.06
2,4,6-Trichlorophenol	250.00	600.00	ND	ND	ND	132.97
2,3,4,5-Tetrachlorophenol	ND	ND	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	4423.08	301.30	1168.18	ND	3140.63
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	170.31
2-Chloroanisole	ND	ND	272.73	ND	ND	ND
2,4-Dichloroanisole	201.92	358.46	102.99	151.52	ND	162.50
Pentachloroanisole	ND	ND	ND	ND	ND	ND
4,5-Dichloroguaiacol	43.08	ND	ND	ND	ND	ND
3,4,5-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
3,4,6-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
4,5,6-Trichloroguaiacol	ND	345.38	57.92	121.82	ND	165.63
Tetrachloroguaiacol	ND	ND	ND	ND	ND	ND
4-Chlorocatechol	ND	ND	ND	ND	ND	ND
3,5-Dichlorocatechol	136.35	253.08	ND	ND	ND	514.06
4,5-Dichlorocatechol	ND	ND	ND	ND	ND	ND
3,4,5-Trichlorocatechol	ND	842.31	ND	ND	ND	ND
3,4,6-Trichlorocatechol	ND	ND	ND	ND	ND	ND
Tetrachlorocatechol	ND	13961.54	1961.04	ND	4795.45	ND
Phenols	1015.76	6307.89	653.42	1676.29	569.96	4279.69
Anisoles	201.92	358.46	375.71	151.52	ND	162.50
Guaiacols	43.08	345.38	57.92	121.82	ND	165.63
Catechols	136.35	15056.92	1961.04	ND	4795.45	514.06
Total Chlorophenolics	1397.10	22068.66	3048.09	1949.62	5365.41	5121.88

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
FIELD SAMPLE DATA
8321M- SURROGATE CORRECTED

SITE_ID	ORT14	ORT16	ORT18	ORT19	ORT20	ORT22
BATCH_ID	98-337	98-337	98-337	98-356	98-337	98-356
MATRIX	Sediment	Sediment	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD	8321-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
2,4-Dichlorophenol	ND	ND	ND	85.29	ND	ND
2,6-Dichlorophenol	ND	ND	ND	55.31	ND	119.70
2-Chlorophenol	304.76	512.50	850.00	281.32	338.10	646.90
2,4,5-Trichlorophenol	ND	ND	ND	72.55	ND	94.09
2,4,6-Trichlorophenol	ND	ND	ND	172.90	ND	63.94
2,3,4,5-Tetrachlorophenol	ND	ND	ND	808.82	ND	ND
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	1999.90	ND	1840.91
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	80.28
2-Chloroanisole	ND	ND	ND	ND	ND	ND
2,4-Dichloroanisole	ND	ND	ND	137.80	ND	149.27
Pentachloroanisole	ND	ND	ND	ND	ND	ND
4,5-Dichloroguaiacol	ND	ND	ND	24.78	ND	ND
3,4,5-Trichloroguaiacol	ND	ND	ND	133.90	ND	ND
3,4,6-Trichloroguaiacol	ND	ND	ND	ND	ND	ND
4,5,6-Trichloroguaiacol	ND	ND	ND	48.64	ND	66.59
Tetrachloroguaiacol	ND	4354.84	1669.77	ND	ND	ND
4-Chlorocatechol	ND	ND	ND	ND	ND	ND
3,5-Dichlorocatechol	ND	ND	ND	393.01	ND	620.47
4,5-Dichlorocatechol	ND	ND	ND	ND	ND	ND
3,4,5-Trichlorocatechol	ND	ND	ND	31.95	ND	ND
3,4,6-Trichlorocatechol	ND	ND	ND	ND	ND	ND
Tetrachlorocatechol	5229.17	7612.90	6837.21	ND	5588.24	ND
Phenols	304.76	512.50	850.00	3476.11	338.10	2845.82
Anisoles	ND	ND	ND	137.80	ND	149.27
Guaiacols	ND	4354.84	1669.77	207.32	ND	66.59
Catechols	5229.17	7612.90	6837.21	424.96	5588.24	620.47
Total Chlorophenolics	5533.93	12480.24	9356.98	4246.18	5926.33	3682.16

SITE_ID	ORT33	ORT34	ORT39-1	ORT41
BATCH_ID	98-356	98-337	98-337	98-356
MATRIX	Sediment	Sediment	Sediment	Sediment
ANAL_MET	8321-MOD	8321-MOD	8321-MOD	8321-MOD
UNIT	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.	ug/kg, dry wt.
2,4-Dichlorophenol	ND	ND	ND	152.24
2,6-Dichlorophenol	ND	ND	ND	ND
2-Chlorophenol	206.33	476.92	635.48	421.74
2,4,5-Trichlorophenol	91.76	ND	ND	ND
2,4,6-Trichlorophenol	855.81	ND	ND	ND
2,3,4,5-Tetrachlorophenol	1950.98	ND	ND	ND
2,3,4,6-Tetrachlorophenol	147.17	ND	ND	ND
Pentachlorophenol	ND	4230.77	ND	800.00
4-Chloro-3-methylphenol	33.92	ND	ND	ND
2-Chloroanisole	ND	ND	ND	ND
2,4-Dichloroanisole	189.87	ND	219.78	189.55
Pentachloroanisole	ND	ND	ND	ND
4,5-Dichloroguaiacol	ND	ND	ND	ND
3,4,5-Trichloroguaiacol	401.61	ND	ND	ND
3,4,6-Trichloroguaiacol	ND	ND	ND	ND
4,5,6-Trichloroguaiacol	ND	ND	ND	ND
Tetrachloroguaiacol	ND	ND	ND	ND
4-Chlorocatechol	ND	ND	ND	ND
3,5-Dichlorocatechol	ND	ND	ND	ND
4,5-Dichlorocatechol	ND	ND	ND	ND
3,4,5-Trichlorocatechol	613.13	ND	ND	ND
3,4,6-Trichlorocatechol	188.43	579.49	ND	ND
Tetrachlorocatechol	ND	8179.49	7577.78	ND
Phenols	3285.97	4707.69	635.48	1373.98
Anisoles	189.87	ND	219.78	189.55
Guaiacols	401.61	ND	ND	ND
Catechols	801.56	8758.97	7577.78	ND
Total Chlorophenolics	4679.01	13466.67	8433.04	1563.53

Appendix E. Metals Data

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
MG/KG DRY WT.
200.8-MOD, 200.9-MOD & 245.5

Site	Aluminum	Antimony	Arsenic	Berylium	Cadmium	Chromium	Cobalt	Copper	Iron	Lead	Lithium	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
BAY01	26700	0.216	3.42	0.239	0.864	46.7	3.12	19.3	20100	27.7	24.3	155	0.271	14.6	2.80	0.276	0.410	1.81	43.7	160.0
BOL04	54100	0.389	8.99	1.295	0.900	91.8	5.97	31.2	32050	74.5	40.7	331	0.383	19.4	1.85	1.060	0.448	5.10	73.5	163.0
BUCK03	47700	0.440	6.81	0.983	1.027	83.0	5.48	23.4	30800	49.1	32.8	280	0.373	19.2	2.13	0.715	0.381	4.06	71.7	219.0
CDRC01	19850	0.235	2.09	0.507	0.450	17.2	2.28	12.6	13050	25.2	12.4	69	0.327	9.4	2.14	0.193	0.265	1.44	30.0	72.5
CO06	54450	0.508	7.66	1.251	1.219	86.2	5.55	62.0	32700	94.7	40.7	278	0.645	19.4	1.95	0.810	0.411	6.21	63.8	240.5
DUN01	17400	0.138	2.80	0.216	0.319	38.0	2.16	11.1	23900	20.3	15.8	91	0.231	9.5	3.61	0.157	0.450	1.17	31.4	87.4
GC02	16600	0.236	2.13	0.503	1.408	12.6	1.42	10.6	8150	21.8	7.2	142	0.115	5.5	0.79	0.213	0.290	1.07	21.2	40.9
HSP05	49600	0.953	9.57	1.175	0.870	78.3	5.43	40.0	28550	76.2	32.9	361	0.335	17.9	1.63	0.735	0.430	4.94	66.6	176.0
JUL02	41650	0.295	6.57	0.705	0.806	74.5	5.55	26.3	30500	45.2	45.0	265	0.322	19.1	2.45	0.553	0.410	3.09	67.9	240.0
LSJ01	48400	0.639	6.27	1.645	0.587	66.4	5.36	37.3	24400	63.0	34.9	364	0.318	16.3	1.21	0.552	0.378	2.72	73.1	169.0
LSJ02	47250	0.478	7.38	1.550	0.598	69.4	5.53	27.5	29200	53.1	40.6	485	0.285	18.0	2.03	0.563	0.379	3.88	74.1	146.5
LSJ03	47550	0.455	8.78	1.310	0.829	74.4	5.42	52.6	27750	50.5	36.3	380	0.328	18.9	2.72	0.699	0.323	4.21	74.4	148.0
LSJ04	17650	0.200	7.30	0.391	0.174	15.6	1.77	8.1	4355	13.8	8.3	152	0.083	5.0	0.37	0.165	0.173	1.14	24.6	39.1
LSJ05	42450	0.390	7.52	1.105	0.766	62.6	4.55	20.3	24150	35.4	29.7	347	0.265	16.0	2.44	0.547	0.290	3.42	60.3	108.5
LSJ06	32850	0.410	13.15	0.872	0.401	45.1	3.21	11.6	16550	18.8	22.6	235	0.186	9.9	1.62	0.276	0.290	2.25	47.1	53.2
LSJ07	45900	0.394	6.74	1.170	0.581	68.4	5.21	22.7	26750	40.7	34.9	332	0.271	17.7	2.73	0.503	0.298	3.62	69.7	125.0
LSJ08	39950	0.433	7.08	0.944	0.707	55.7	4.10	17.4	18750	39.2	26.0	312	0.336	14.6	2.48	0.687	0.291	3.14	60.6	95.9
LSJ09	45700	0.376	6.96	1.275	0.588	69.3	4.95	21.4	26800	38.1	35.3	361	0.314	17.4	2.92	0.481	0.262	3.44	70.4	117.5
LSJ10	2405	0.063	0.73	ND	ND	5.5	0.29	1.2	1265	1.7	3.3	23	0.026	0.6	0.32	0.024	0.226	0.20	6.3	5.8
LSJ11	41150	0.427	7.62	1.151	0.843	68.7	4.28	22.8	23150	50.6	30.8	425	0.423	17.3	2.77	0.959	0.307	4.10	70.4	108.7
LSJ12	44650	0.403	6.90	1.245	0.617	67.6	4.60	22.2	26050	38.4	32.4	324	0.321	17.0	3.14	0.501	0.269	3.51	65.3	114.0
LSJ13	19150	0.256	10.27	0.445	0.310	28.0	2.13	8.4	10400	19.0	16.7	144	0.166	6.8	0.90	0.235	0.190	1.55	28.8	48.8
LSJ14	41200	0.435	7.90	1.105	0.650	63.2	4.45	20.8	22900	43.3	34.8	306	0.309	16.0	2.80	0.507	0.301	3.53	62.9	110.0
LSJ15	6905	0.114	3.80	0.110	0.052	8.6	0.91	3.1	3045	6.4	7.5	109	0.054	2.6	0.37	0.076	0.075	0.57	11.9	18.9
LSJ16	36900	0.565	6.86	0.782	0.560	54.2	3.44	16.0	21900	31.4	28.7	275	0.261	13.0	3.19	0.376	0.287	2.81	51.3	84.2
LSJ17	21050	0.318	10.43	0.438	0.196	32.2	1.95	8.5	14250	13.4	17.2	139	0.141	7.0	1.47	0.147	0.244	1.31	30.1	37.9
LSJ18	12150	0.450	7.98	0.168	0.162	21.2	1.24	5.6	7885	10.7	8.2	113	0.112	4.1	0.80	0.090	0.168	0.94	9.4	35.0
LSJ19	26450	0.205	6.56	0.447	0.121	40.3	2.28	5.3	17900	14.0	19.4	194	0.105	9.8	2.83	0.075	0.266	0.95	35.5	22.5
LSJ20	2580	0.055	1.68	0.065	ND	4.5	0.37	1.6	1745	2.0	3.9	21	0.026	1.2	0.24	0.035	0.025	0.28	6.8	7.8
LSJ21	20600	0.263	10.46	0.337	0.279	25.3	1.92	9.8	11400	15.0	12.8	175	0.166	7.4	1.78	0.152	0.345	1.35	28.8	47.3
LSJ22	10615	0.156	6.39	0.178	0.121	15.9	1.15	5.1	6640	7.7	7.9	94	0.068	4.1	0.69	0.082	0.155	0.82	17.6	25.2
LSJ23	15400	0.180	1.39	0.338	0.145	19.0	1.11	4.9	8965	12.1	9.0	121	0.107	3.2	1.37	0.052	0.257	0.83	20.8	28.5
LSJ24	22700	0.298	2.43	0.594	0.416	40.1	2.25	11.4	17600	22.8	19.5	132	0.214	9.6	1.69	0.145	0.339	1.75	37.0	57.9
LSJ25	21500	0.248	2.64	0.594	0.358	39.3	2.34	11.6	16300	24.0	17.8	155	0.181	10.3	1.84	0.140	0.353	1.60	39.1	52.4
LSJ26	3005	0.066	0.18	0.084	ND	5.0	0.32	1.2	1630	1.6	3.5	41	0.012	0.8	0.29	ND	0.043	0.26	7.5	4.8
LSJ27	24950	0.248	3.19	0.704	0.471	46.8	2.61	16.5	18500	24.7	21.0	112	0.187	14.0	2.46	0.162	0.366	1.74	45.8	57.6
LSJ28	12715	0.177	5.14	0.251	0.270	23.3	1.30	6.6	14350	15.8	9.1	91	0.232	5.9	2.61	0.090	0.323	0.46	22.8	34.3
LSJ29	7810	0.126	2.56	0.171	0.219	16.1	1.05	6.1	7080	11.3	6.6	55	0.100	4.8	1.18	0.080	0.179	0.90	15.7	42.3
LSJ30	15750	0.230	4.50	0.385	0.283	28.1	2.06	6.7	11450	9.3	9.4	109	0.105	7.0	3.54	0.073	0.511	0.81	36.4	27.1
LSJ31	647	0.048	0.12	ND	ND	3.0	0.23	0.7	870	0.3	2.7	24	0.022	0.3	ND	ND	ND	0.25	5.3	2.1
LSJ32	18600	0.206	3.68	0.526	0.355	33.9	1.81	11.0	14250	20.7	11.4	96	0.245	9.6	2.89	0.141	0.489	1.44	33.2	42.9
LSJ33	651	0.093	0.15	ND	ND	4.1	0.28	0.7	1430	0.6	3.1	48	0.022	0.4	ND	ND	ND	0.29	7.2	2.9
LSJ35	25250	0.267	3.32	0.562	0.440	42.0	2.61	15.9	17550	29.1	15.5	87	0.171	13.1	3.18	0.207	0.343	2.08	40.9	52.4
LSJ36	25850	0.221	1.16	0.718	0.268	40.3	1.75	5.5	9355	9.4	15.7	73	0.029	6.2	3.65	0.047	0.298	0.85	53.5	27.4
LSJ37	867	0.075	0.16	ND	ND	4.4	0.37	0.8	1400	0.6	2.9	60	0.008	0.4	0.28	ND	0.011	0.29	7.6	4.4
LSJ39	2975	0.072	0.43	1.463	ND	5.0	0.38	0.9	1255	1.6	2.4	63	0.008	0.5	ND	ND	0.089	0.29	7.4	3.3
LSJ40	20700	0.234	3.27	0.583	0.397	56.9	2.18	9.3	17200	24.7	14.1	131	0.161	8.8	4.74	0.109	0.380	1.73	38.4	41.8

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
MG/KG DRY WT.
200.8-MOD, 200.9-MOD & 245.5

	Aluminum	Antimony	Arsenic	Berylium	Cadmium	Chromium	Cobalt	Copper	Iron	Lead	Lithium	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
LSJRC01	5950	0.137	1.06	0.070	0.151	9.6	0.70	5.1	2885	8.4	3.5	84	0.113	4.6	0.71	0.047	0.116	1.14	18.1	39.5
LSJRC02	20800	0.225	3.64	0.441	0.535	33.9	2.29	18.2	13250	22.8	11.1	123	0.273	16.8	2.58	0.203	0.339	1.77	38.3	93.1
LSJRC03	22250	0.250	4.68	0.466	0.419	40.3	2.15	12.1	15900	26.9	12.5	99	0.243	11.7	3.09	0.218	0.469	1.64	33.8	57.1
LSJRC04	8500	0.110	1.00	0.155	0.114	11.2	0.61	3.2	3785	8.6	3.4	83	0.051	2.3	0.80	0.032	0.165	0.64	11.4	27.0
LSJRC05	1151	0.046	0.23	ND	ND	3.0	0.19	1.3	ND	1.9	1.5	26	0.026	1.3	0.08	0.011	0.022	0.28	5.3	11.5
LSJRC06	22500	0.259	2.56	0.423	0.907	35.7	3.02	27.1	10500	24.8	11.7	313	0.440	29.8	2.07	0.223	0.356	2.25	87.3	161.5
LSJRC07	3190	0.086	0.40	ND	0.104	6.9	0.49	3.2	1405	4.2	2.5	45	0.063	4.0	0.25	0.120	0.052	0.56	16.4	28.2
LSJRC08	22550	0.209	3.31	0.460	0.701	40.2	2.84	18.6	13900	24.2	13.4	157	0.338	22.6	3.01	0.224	0.368	2.07	58.2	102.0
LSJRC09	25600	0.206	4.21	0.572	0.566	48.3	2.87	16.4	16800	28.3	15.9	119	0.267	18.0	3.40	0.222	0.417	2.23	45.3	78.0
LSJRC10	16650	0.243	4.05	0.462	0.692	30.7	2.41	20.0	10010	19.9	10.6	161	0.338	19.3	2.27	0.177	0.326	1.87	56.8	101.4
LSJRC11	24350	0.428	3.17	0.543	0.630	46.1	2.64	30.2	15700	28.7	13.6	106	0.859	18.9	3.43	0.330	0.409	2.70	52.3	96.9
LSJRC12	637	0.086	0.14	0.194	ND	3.4	0.16	1.0	505	2.0	1.4	37	0.062	0.4	ND	ND	0.016	0.41	3.8	3.8
LSJRC13	18900	0.189	3.06	0.486	0.261	31.3	1.67	6.3	12050	12.8	9.6	83	0.299	7.3	3.14	0.072	0.241	1.33	28.5	22.7
LSJRC13-02	16200	0.118	2.50	0.113	0.205	29.1	1.73	8.6	11480	14.1	15.3	92	0.235	8.6	2.18	0.161	0.242	1.14	31.5	82.8
LSJRC14	12700	0.268	1.80	0.385	0.147	18.7	0.99	4.0	7515	9.2	5.1	96	0.102	4.2	1.99	0.052	0.214	0.82	17.5	14.9
LSJRC15	26750	0.286	3.52	0.780	0.605	46.9	2.68	18.1	18750	29.3	14.7	109	0.274	15.0	3.74	0.220	0.396	2.36	40.8	61.5
LSJRC16	13300	0.177	2.47	0.379	0.266	21.5	1.26	7.5	9570	13.7	6.7	91	0.192	6.0	1.90	0.093	0.242	1.22	22.1	27.8
LSJRC17	8585	0.183	1.45	0.435	0.144	14.5	0.81	6.7	5230	9.2	4.5	71	0.155	4.3	1.36	0.073	0.121	0.84	16.0	18.8
LSJRC18	1180	0.100	0.22	0.227	0.047	3.9	0.21	1.2	773	2.7	1.5	41	0.262	0.7	ND	ND	0.019	0.43	4.4	6.7
LSJRC19	25400	0.296	3.46	0.619	0.561	43.3	2.52	23.4	16800	23.0	13.3	88	0.312	17.2	3.36	0.205	0.395	1.98	39.8	64.6
LSJRC20	24850	0.255	3.15	0.600	0.555	43.0	2.53	19.8	16400	20.9	13.1	79	0.308	16.4	2.95	0.215	0.314	3.13	38.0	69.3
MOC07	26900	0.215	5.17	0.609	0.432	44.8	3.37	14.9	18250	28.9	18.3	190	0.215	10.8	1.62	0.400	0.232	2.28	41.8	76.4
NASCP01	22700	0.287	5.06	0.534	0.524	38.8	2.83	14.4	14650	27.5	14.4	152	0.148	9.1	0.89	0.330	0.225	2.22	35.2	119.0
NASM01	31100	0.342	7.31	0.764	0.696	63.4	4.56	21.8	25050	39.5	25.0	299	0.259	16.0	2.20	0.515	0.310	3.33	59.1	148.0
OBB	40000	0.476	5.24	0.886	0.812	69.1	4.52	28.8	28600	41.7	27.9	196	0.390	16.1	2.12	0.385	0.367	3.59	52.7	152.0
ORG01	41500	0.415	6.18	0.875	0.739	69.2	3.79	18.5	25850	45.0	24.0	214	0.298	16.4	2.56	0.315	0.480	3.20	51.5	96.1
PA32	6425	0.125	1.03	0.144	0.130	11.1	0.62	2.5	4500	4.9	4.4	71	0.053	1.9	0.98	0.033	0.169	0.57	12.4	12.4
PP61	9090	0.112	1.05	0.600	0.121	12.0	0.68	2.5	4340	7.3	6.2	61	0.060	2.1	0.43	0.091	0.101	0.54	12.0	17.3
RCCP02	5740	0.109	0.40	ND	0.111	10.5	0.67	3.5	2345	4.3	3.7	95	0.020	7.4	0.30	0.169	0.057	0.67	38.5	85.8
WEK02	18250	0.164	2.45	0.128	0.417	52.7	1.98	11.6	15400	27.8	16.9	133	0.212	8.1	4.44	0.158	0.368	1.21	33.5	116.5

CEDAR & ORTEGA RIVER BASIN BASIN ASSESSMENT
FIELD SAMPLE DATA
MG/KG DRY WT.
200.8-MOD, 200.9-MOD & 245.5

	Aluminum	Antimony	Arsenic	Berylium	Cadmium	Chromium	Cobalt	Copper	Iron	Lead	Lithium	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
CED01	54800	1.200	24.50	0.340	3.830	96.0	5.96	83.1	28900	268.0	23.7	107	0.921	22.8	3.28	5.390	0.376	15.70	72.3	2050.0
CED02	48000	1.130	15.10	0.777	3.640	93.9	7.42	104.0	36600	384.0	31.8	151	0.918	23.9	2.30	4.040	0.464	14.90	69.8	1430.0
CED03	37700	0.686	6.23	1.060	2.070	52.6	5.40	65.5	21400	176.0	26.5	143	0.738	16.5	1.70	1.060	0.424	6.88	46.2	608.0
CED04	60600	0.846	8.61	0.796	3.030	81.0	6.54	88.1	29100	315.0	52.1	175	0.953	22.6	1.64	1.370	0.498	12.20	65.8	796.0
CED05	17100	0.208	1.73	1.610	0.559	22.6	2.56	13.7	15300	58.9	13.5	96	0.294	7.3	0.81	0.263	0.226	3.04	27.5	151.0
CED06	28300	0.584	5.50	1.130	1.330	57.5	4.60	54.0	26500	144.0	23.0	143	0.638	15.1	1.49	0.868	0.355	7.54	43.7	449.0
CED07	31400	0.355	5.16	0.845	1.650	66.4	4.72	56.8	30200	157.0	24.7	152	1.140	16.6	1.68	1.110	0.369	6.71	46.3	423.0
CED08	30600	0.461	2.85	0.413	1.290	48.9	3.95	45.8	24300	84.1	25.0	127	0.538	14.0	2.13	0.471	0.318	5.12	42.5	286.0
CED09	35900	0.588	5.01	0.360	1.430	51.7	4.02	52.5	21300	149.0	27.0	126	0.530	15.0	2.01	0.683	0.295	5.34	45.1	523.0
ORT01	38300	0.279	5.36	2.150	1.430	58.2	4.06	21.5	29100	52.0	32.0	170	0.642	13.8	1.51	0.799	0.343	4.14	52.8	112.0
ORT02	46100	0.244	3.81	1.450	0.503	54.8	4.86	10.5	27200	16.8	38.6	180	0.482	14.4	1.56	0.367	0.420	1.60	59.9	52.6
ORT03	42900	0.099	4.18	2.690	0.215	50.8	4.24	5.3	32200	11.7	33.5	160	0.057	12.7	1.97	0.108	0.337	1.24	54.6	58.2
ORT04	45400	0.239	4.35	1.270	0.661	54.6	4.92	13.8	26900	23.5	39.8	172	0.598	15.2	1.71	0.386	0.420	1.92	58.7	65.1
ORT05	41400	0.189	4.36	2.320	0.762	53.6	4.30	18.9	35200	40.7	35.2	165	0.499	13.6	2.02	0.456	0.345	3.06	54.6	108.0
ORT06	39700	0.214	4.89	2.680	0.835	61.8	4.09	14.5	28300	28.3	34.9	166	0.383	13.2	1.74	0.451	0.298	2.96	56.0	84.4
ORT06-1	42000	0.230	3.89	0.803	0.933	53.8	4.32	16.1	24600	30.4	43.5	182	0.345	13.8	1.60	0.501	0.351	2.39	55.6	77.4
ORT07	48800	0.617	7.37	1.410	1.630	74.9	5.92	54.9	28400	90.2	39.9	270	1.040	20.9	1.94	1.080	0.447	5.51	70.3	229.0
ORT08	48000	0.341	5.47	0.506	1.080	65.7	4.63	24.9	34100	47.0	35.9	189	0.588	16.7	2.67	0.903	0.352	3.98	58.8	172.0
ORT09	31500	0.343	6.37	2.700	1.700	58.7	4.10	28.5	29300	63.2	33.3	170	1.030	13.8	1.53	0.911	0.351	6.18	56.1	234.0
ORT10	41200	0.276	6.50	2.400	1.360	59.5	4.40	37.0	31700	69.8	32.2	205	1.060	14.8	1.73	0.942	0.359	5.19	55.0	189.0
ORT11	46100	0.299	6.78	2.340	1.040	63.1	4.95	26.0	33100	55.1	33.2	199	0.492	16.0	1.65	0.646	0.400	4.27	63.5	219.0
ORT12	47300	0.293	6.59	2.070	0.906	62.0	4.85	44.6	35400	62.7	34.8	185	0.571	15.8	1.84	0.629	0.403	4.36	61.3	155.0
ORT13	48100	0.318	6.66	2.970	1.320	66.1	5.06	38.2	34500	82.7	36.9	207	0.638	17.1	1.76	0.791	0.403	5.30	63.3	248.0
ORT14	43100	0.162	3.20	0.833	0.413	51.5	4.59	10.9	27000	17.5	51.8	167	0.161	13.7	1.46	0.289	0.362	1.59	55.9	47.6
ORT15	40900	0.501	10.20	1.050	1.250	68.5	5.33	101.0	29300	74.3	33.7	249	0.751	18.5	2.84	1.160	0.351	5.51	60.3	315.0
ORT16	48500	0.258	4.09	0.683	0.844	60.1	4.84	31.7	27400	49.1	52.0	179	0.607	15.9	1.67	0.574	0.376	3.09	59.4	127.0
ORT18	40400	0.303	3.73	0.679	0.908	50.2	4.36	29.0	23900	56.5	42.6	185	0.536	14.1	1.29	0.501	0.323	3.28	51.0	140.0
ORT19	11550	0.339	2.87	0.008	0.296	15.5	1.67	91.9	8355	51.9	14.9	116	2.095	4.4	0.50	0.266	0.122	2.92	17.8	134.1
ORT20	38700	0.186	3.33	0.590	0.291	41.4	4.23	12.5	23900	18.3	43.7	148	0.105	12.3	1.26	0.191	0.308	1.16	48.4	47.1
ORT21	32400	0.259	4.63	1.270	0.855	56.9	3.98	30.3	25900	69.5	25.2	154	0.822	13.9	1.69	0.704	0.286	3.95	45.2	137.0
ORT22	37250	0.403	6.51	0.846	1.275	54.1	4.61	80.8	24550	78.7	37.5	239	1.678	15.3	1.39	0.728	0.334	4.51	52.1	366.0
ORT23	30300	0.246	4.61	1.170	0.580	56.3	4.09	26.3	27600	51.5	34.5	151	0.698	13.7	1.47	0.474	0.262	3.02	46.8	189.0
ORT24	37200	0.353	6.61	1.220	1.010	66.4	4.71	50.3	29700	89.0	31.7	195	0.885	16.8	1.89	0.851	0.328	5.09	53.4	233.0
ORT25	34900	0.797	6.95	1.390	1.730	80.6	5.77	85.3	31100	133.0	30.7	228	0.746	20.1	2.25	1.180	0.508	6.58	67.2	520.0
ORT26	30700	0.560	5.38	1.160	1.570	70.8	5.04	58.7	30300	107.0	28.2	203	0.952	18.0	1.89	0.953	0.474	5.80	57.6	251.0
ORT27	44700	0.649	6.12	0.702	1.740	71.4	4.84	71.4	36100	133.0	31.2	191	1.090	18.7	2.60	1.390	0.375	7.77	52.4	587.0
ORT28	24300	0.472	7.54	0.764	1.170	58.2	4.37	51.4	25200	76.9	27.2	205	0.650	15.5	2.04	0.706	0.405	4.27	50.9	327.0
ORT29	44400	0.339	2.09	0.572	1.110	55.9	4.31	27.8	26600	57.3	34.3	151	0.737	15.9	1.83	0.625	0.299	4.17	49.2	125.0
ORT30	15000	0.093	1.36	1.330	0.139	18.5	1.48	4.9	10600	10.1	11.5	100	0.101	4.3	0.41	0.107	0.137	1.07	26.8	75.5
ORT31	18500	0.570	5.07	0.935	1.650	56.8	3.62	42.2	21100	243.0	21.5	172	0.896	14.3	1.48	2.360	0.441	5.36	47.8	274.0
ORT32	37100	0.522	6.60	0.906	1.210	64.0	4.52	42.4	24200	98.1	25.7	217	0.551	15.7	1.65	1.240	0.437	5.03	56.2	187.0
ORT33	12450	0.333	1.81	0.975	0.571	16.8	1.63	21.8	8070	86.6	15.3	101	0.089	5.1	0.25	0.251	0.144	2.22	21.8	217.0
ORT34	41100	0.304	3.31	0.719	1.060	53.8	4.73	33.1	27200	66.2	50.0	172	0.587	15.2	1.44	0.551	0.349	3.94	53.0	181.0
ORT35	26000	0.258	5.09	0.806	0.478	48.3	3.65	28.3	23500	53.2	27.2	139	0.582	12.3	1.67	0.375	0.232	3.15	40.4	140.0
ORT36	35500	0.390	5.12	0.595	1.020	57.1	4.36	32.1	26400	64.2	26.2	159	0.547	14.8	1.92	0.554	0.428	3.73	50.1	148.0
ORT37	30300	0.534	5.13	0.836	1.270	63.5	4.68	48.2	30300	101.0	25.5	166	0.917	16.3	1.85	0.649	0.510	5.42	48.3	248.0
ORT38	51100	0.354	7.89	2.340	1.710	60.8	4.60	29.1	32000	71.3	33.0	142	1.380	15.4	1.65	0.792	0.372	6.65	59.8	154.0

CEDAR & ORTEGA RIVER BASIN BASIN ASSESSMENT
FIELD SAMPLE DATA
MG/KG DRY WT.
200.8-MOD, 200.9-MOD & 245.5

	Aluminum	Antimony	Arsenic	Berylium	Cadmium	Chromium	Cobalt	Copper	Iron	Lead	Lithium	Manganese	Mercury	Nickel	Selenium	Silver	Thallium	Tin	Vanadium	Zinc
ORT39	52000	0.442	4.53	0.367	1.730	77.1	5.03	32.2	29900	79.6	31.4	134	1.680	19.5	2.06	1.030	0.353	5.91	57.6	222.0
ORT39-1	43900	0.260	3.74	0.656	0.976	53.0	4.96	21.7	27600	52.7	54.0	143	0.562	15.8	1.41	0.462	0.361	3.15	54.3	145.0
ORT40	46200	0.289	4.78	3.180	1.460	56.9	4.40	41.8	30100	98.4	34.0	147	0.725	16.2	1.44	0.712	0.331	6.13	54.2	276.0
ORT41	37700	0.315	3.02	1.190	0.647	40.0	4.29	19.2	23900	28.7	37.5	115	0.728	13.0	1.71	0.325	0.335	1.99	44.2	80.3

Appendix F. TOC, Grain Size, Moisture Content, Total Solids, and Total Volatile Solids Data

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	BAY01	BOL04	BUCK03	CDRC01
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	86.3	83.2	85.9	87.1
SM17 2540G	% of wet weight	TOTAL SOLIDS	13.7	16.8	14.1	12.9
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	28.2	21.3	25.5	30.6
SW846 9060	mg/kg	TOC	195500	111000	138000	193500
Folk 1994	% of dry volume	PERCENT SAND	40.4	21.8	26.7	48.5
Folk 1994	% of dry volume	PERCENT SILT	56.8	71.9	69.3	49.6
Folk 1994	% of dry volume	PERCENT CLAY	2.9	6.3	3.9	2.1
Folk 1994	% of dry volume	PERCENT MUD	59.7	78.2	73.2	51.7
Coulter 1994	um	MEAN	39.9	24.0	30.3	72.0
Coulter 1994	um	MEDIAN	44.2	22.4	29.0	63.9
Coulter 1994	um	MODE	106.0	18.0	23.8	36.3
Coulter 1994	um	STDDEV	3.10	3.53	3.32	4.42
Coulter 1994	-	SKEWNESS	-0.58	0.14	-0.01	0.10
Coulter 1994	-	KURTOSIS	0.17	0.41	0.32	-0.09
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	0.3	0.2	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.3	0.5	0.3	0.1
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.3	0.6	0.4	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.4	0.9	0.5	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.6	1.4	0.8	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	1.1	2.5	1.6	0.7
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	2.0	4.2	2.8	1.3
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	3.4	6.5	4.8	2.2
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	5.1	8.8	7.0	3.5
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	7.4	11.3	9.9	5.5
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	9.5	12.4	12.0	7.8
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	10.0	11.1	11.9	9.4
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	10.0	9.6	11.2	10.3
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	9.7	8.0	9.7	9.9
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	10.9	6.5	8.1	8.6
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	13.0	5.4	6.5	7.4
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	10.6	4.2	4.7	6.9
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	4.5	2.5	3.2	5.7
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	1.1	1.2	2.0	4.0
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	0.5	0.7	1.2	3.4
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	ND	0.3	0.4	3.1
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	ND	0.4	0.3	3.5
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	ND	0.5	0.3	3.4
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	ND	ND	ND	2.8
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	ND
Coulter 1994	um	INORG MEAN	15.0	11.0	10.0	32.0
Coulter 1994	um	INORG MEDIAN	14.5	11.0	9.0	38.0
Coulter 1994	um	INORG MODE	15.0	12.0	5.0	98.5
Coulter 1994	um	INORG STD DEV	2.9	2.7	3.9	5.4
Coulter 1994	-	INORG SKEWNESS	-0.1	-0.1	0.4	0.2
Coulter 1994	-	INORG KURTOSIS	0.4	0.8	-0.3	-0.6

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	CO06	DUN01	GC02	HSP05
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	77.6	89.0	72.1	78.8
SM17 2540G	% of wet weight	TOTAL SOLIDS	22.5	11.1	28.0	21.2
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	19.4	48.6	11.5	17.6
SW846 9060	mg/kg	TOC	130000	291500	67250	84400
Folk 1994	% of dry volume	PERCENT SAND	28.3	68.0	49.9	37.1
Folk 1994	% of dry volume	PERCENT SILT	63.1	30.9	47.6	58.1
Folk 1994	% of dry volume	PERCENT CLAY	8.6	1.2	2.6	4.8
Folk 1994	% of dry volume	PERCENT MUD	71.7	32.0	50.2	62.9
Coulter 1994	um	MEAN	26.1	183.0	53.3	39.6
Coulter 1994	um	MEDIAN	22.9	238.0	62.2	35.8
Coulter 1994	um	MODE	16.4	1440.0	134.0	19.8
Coulter 1994	um	STDDEV	4.41	5.77	3.63	4.56
Coulter 1994	-	SKEWNESS	0.19	-0.40	-0.38	0.32
Coulter 1994	-	KURTOSIS	-0.11	-0.94	-0.06	0.26
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	0.4	ND	ND	0.2
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.7	ND	0.2	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.9	ND	0.3	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	1.3	ND	0.4	0.7
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	2.0	0.3	0.6	1.1
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	3.3	0.5	1.0	1.9
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	5.0	0.9	1.7	3.1
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	6.9	1.5	3.0	4.8
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	8.6	2.3	4.5	6.6
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	9.9	3.5	6.5	8.6
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	10.0	4.8	8.3	9.6
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	8.5	5.7	8.6	9.0
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	7.4	6.2	8.0	8.4
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	6.8	6.2	7.3	8.0
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	6.4	5.8	8.8	8.1
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	6.3	5.0	11.6	8.3
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	5.4	4.3	12.0	6.6
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	3.7	3.6	8.6	4.0
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	2.1	4.0	4.6	2.5
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	1.5	5.7	2.2	1.8
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	1.0	7.5	0.9	1.2
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	0.9	9.9	0.8	1.3
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	0.7	11.3	0.5	1.0
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	0.4	11.2	ND	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	2.1
Coulter 1994	um	INORG MEAN	11.0	37.5	41.0	15.0
Coulter 1994	um	INORG MEDIAN	11.0	22.5	71.0	14.0
Coulter 1994	um	INORG MODE	12.0	8.5	132.5	14.0
Coulter 1994	um	INORG STD DEV	3.0	7.4	4.5	3.7
Coulter 1994	-	INORG SKEWNESS	0.4	0.3	-0.7	0.4
Coulter 1994	-	INORG KURTOSIS	1.6	-1.1	-0.6	0.8

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	JUL02	LSJ01	LSJ02	LSJ03
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	85.4	76.8	85.4	84.6
SM17 2540G	% of wet weight	TOTAL SOLIDS	14.7	23.3	14.7	15.5
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	28.0	14.3	21.2	22.9
SW846 9060	mg/kg	TOC	166000	73000	107700	141000
Folk 1994	% of dry volume	PERCENT SAND	25.6	38.6	24.9	31.0
Folk 1994	% of dry volume	PERCENT SILT	69.9	54.8	70.0	63.3
Folk 1994	% of dry volume	PERCENT CLAY	4.6	6.6	5.1	5.6
Folk 1994	% of dry volume	PERCENT MUD	74.5	61.4	75.1	68.9
Coulter 1994	um	MEAN	27.2	36.3	26.8	30.1
Coulter 1994	um	MEDIAN	25.9	36.0	25.5	27.6
Coulter 1994	um	MODE	19.8	87.9	19.8	18.0
Coulter 1994	um	STDDEV	3.27	4.62	3.45	3.85
Coulter 1994	-	SKEWNESS	-0.08	0.02	0.11	ND
Coulter 1994	-	KURTOSIS	0.18	-0.27	0.37	-0.15
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	0.2	0.3	0.2	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.4	0.5	0.4	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.4	0.7	0.4	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.6	1.0	0.7	0.8
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	1.0	1.5	1.2	1.3
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	1.9	2.5	2.2	2.3
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	3.5	3.9	3.8	3.8
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	5.6	5.5	6.0	5.8
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	8.0	7.0	8.2	7.8
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	10.7	8.2	10.6	9.9
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	12.3	8.4	11.7	10.6
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	11.4	7.4	10.8	9.6
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	9.9	7.0	10.0	8.5
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	8.8	7.4	8.9	7.4
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	8.1	8.4	8.1	6.9
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	7.4	8.7	7.0	7.9
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	5.5	6.8	4.3	7.2
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	2.5	4.7	2.2	4.0
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	1.0	3.4	1.2	2.2
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	0.6	2.4	0.6	1.3
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	ND	1.2	0.4	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	0.3	1.0	0.5	0.6
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	0.2	1.2	0.7	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	ND	0.8	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	ND
Coulter 1994	um	INORG MEAN	11.5	16.0	9.0	8.0
Coulter 1994	um	INORG MEDIAN	11.5	15.0	9.0	7.0
Coulter 1994	um	INORG MODE	13.0	73.0	9.0	5.0
Coulter 1994	um	INORG STD DEV	2.7	4.7	3.1	3.4
Coulter 1994	-	INORG SKEWNESS	0.0	0.1	0.1	0.2
Coulter 1994	-	INORG KURTOSIS	0.9	-0.5	0.2	-0.2

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

ANAL_MET	UNIT	PARAMETER	SITE_ID LSJ04	LSJ05	LSJ06	LSJ07
SM17 2540G	% of wet weight	PERCENT MOISTURE	47.7	84.2	72.6	87.5
SM17 2540G	% of wet weight	TOTAL SOLIDS	52.3	15.9	27.5	12.5
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	5.3	23.7	14.6	26.2
SW846 9060	mg/kg	TOC	21450	154000	78050	169000
Folk 1994	% of dry volume	PERCENT SAND	70.1	30.9	19.8	23.4
Folk 1994	% of dry volume	PERCENT SILT	26.5	63.8	75.4	70.7
Folk 1994	% of dry volume	PERCENT CLAY	3.5	5.3	4.8	5.9
Folk 1994	% of dry volume	PERCENT MUD	30.0	69.1	80.2	76.6
Coulter 1994	um	MEAN	125.0	29.5	23.8	24.6
Coulter 1994	um	MEDIAN	196.0	28.7	22.5	23.3
Coulter 1994	um	MODE	2380.0	19.8	19.8	18.0
Coulter 1994	um	STDDEV	5.70	3.56	3.12	3.41
Coulter 1994	-	SKEWNESS	-0.56	-0.18	-0.01	0.03
Coulter 1994	-	KURTOSIS	-0.19	-0.23	0.46	0.22
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	0.3	0.3	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.3	0.4	0.4	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.4	0.5	0.5	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.5	0.7	0.6	0.8
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.8	1.2	1.0	1.4
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	1.3	2.2	1.9	2.5
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	1.9	3.6	3.5	4.2
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	2.8	5.6	6.0	6.4
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	3.5	7.6	8.8	8.7
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	4.1	9.7	12.2	11.1
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	4.2	10.6	14.1	11.9
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	3.6	9.7	12.7	10.7
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	3.2	8.9	10.3	9.5
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	3.2	8.0	7.9	8.2
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	3.5	7.8	6.4	7.5
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	4.3	9.0	5.5	7.0
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	8.4	7.5	3.8	4.4
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	14.9	3.5	2.1	2.0
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	13.6	1.6	0.9	1.1
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	7.9	1.0	0.5	0.6
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	3.8	0.3	0.2	ND
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	3.9	ND	0.2	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	3.0	ND	ND	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	0.7	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	6.0	ND	ND	ND
Coulter 1994	um	INORG MEAN	127.0	9.0	14.0	8.0
Coulter 1994	um	INORG MEDIAN	192.0	9.0	14.0	8.0
Coulter 1994	um	INORG MODE	2380.0	7.0	18.0	9.0
Coulter 1994	um	INORG STD DEV	6.2	3.3	4.1	2.9
Coulter 1994	-	INORG SKEWNESS	-0.9	-0.1	0.0	0.0
Coulter 1994	-	INORG KURTOSIS	0.7	-0.7	-0.8	0.0

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	LSJ08	LSJ09	LSJ10	LSJ11
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	83.0	86.4	26.0	83.6
SM17 2540G	% of wet weight	TOTAL SOLIDS	17.1	13.6	74.0	16.5
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	21.4	27.1	0.9	22.7
SW846 9060	mg/kg	TOC	156500	189000	5095	173500
Folk 1994	% of dry volume	PERCENT SAND	41.7	26.8	90.2	21.2
Folk 1994	% of dry volume	PERCENT SILT	53.0	67.0	8.3	71.7
Folk 1994	% of dry volume	PERCENT CLAY	5.3	6.2	1.5	7.1
Folk 1994	% of dry volume	PERCENT MUD	58.3	73.2	9.8	78.8
Coulter 1994	um	MEAN	66.1	26.0	141.0	22.0
Coulter 1994	um	MEDIAN	40.0	23.8	180.0	22.0
Coulter 1994	um	MODE	2380.0	18.0	185.0	18.0
Coulter 1994	um	STDDEV	8.45	3.63	2.52	3.24
Coulter 1994	-	SKEWNESS	0.44	-0.01	-2.90	-0.30
Coulter 1994	-	KURTOSIS	-0.81	-0.10	8.78	-0.10
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	0.3	0.3	ND	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.4	0.5	ND	0.6
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.6	0.6	0.2	0.7
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.8	0.8	0.3	1.0
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	1.2	1.4	0.3	1.6
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	2.0	2.5	0.5	2.8
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	3.2	4.2	0.7	4.6
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	4.8	6.4	0.9	6.8
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	6.4	8.6	1.2	9.0
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	8.1	10.8	1.4	11.0
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	8.8	11.5	1.4	11.7
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	8.1	10.0	1.1	10.4
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	7.3	8.5	0.9	9.5
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	6.4	7.0	0.7	8.7
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	5.7	6.4	1.0	8.1
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	5.2	7.5	5.8	7.1
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	3.7	6.8	31.5	4.1
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	2.3	3.3	38.9	1.4
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	1.5	1.2	12.6	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	1.0	0.6	0.4	ND
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	0.7	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	1.2	0.4	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	1.9	0.3	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	2.9	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	15.6	ND	ND	ND
Coulter 1994	um	INORG MEAN	60.0	9.0	170.0	9.0
Coulter 1994	um	INORG MEDIAN	30.0	9.0	185.0	9.0
Coulter 1994	um	INORG MODE	2380.0	9.0	185.0	9.0
Coulter 1994	um	INORG STD DEV	19.4	3.0	1.9	3.1
Coulter 1994	-	INORG SKEWNESS	0.1	0.2	-5.2	0.1
Coulter 1994	-	INORG KURTOSIS	-1.6	0.3	33.5	0.2

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	LSJ12	LSJ13	LSJ14	LSJ15
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	85.4	71.9	85.9	45.0
SM17 2540G	% of wet weight	TOTAL SOLIDS	14.7	28.2	14.2	55.1
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	26.1	11.1	26.3	3.2
SW846 9060	mg/kg	TOC	193500	58500	180500	19850
Folk 1994	% of dry volume	PERCENT SAND	26.5	38.6	25.1	68.7
Folk 1994	% of dry volume	PERCENT SILT	67.9	56.1	68.3	27.4
Folk 1994	% of dry volume	PERCENT CLAY	5.6	5.3	6.6	3.8
Folk 1994	% of dry volume	PERCENT MUD	73.5	61.4	74.9	31.2
Coulter 1994	um	MEAN	26.0	39.0	26.2	125.0
Coulter 1994	um	MEDIAN	25.0	36.4	24.3	158.0
Coulter 1994	um	MODE	18.0	140.0	19.8	2380.0
Coulter 1994	um	STDDEV	3.36	4.54	3.94	6.58
Coulter 1994	-	SKEWNESS	-0.22	0.20	0.39	-0.36
Coulter 1994	-	KURTOSIS	-0.21	0.25	1.17	-0.51
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	0.3	0.3	0.4	0.2
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.4	0.4	0.6	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.5	0.6	0.7	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.7	0.8	0.9	0.6
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	1.3	1.2	1.5	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	2.3	2.0	2.5	1.3
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	3.9	3.2	4.1	2.1
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	6.1	4.9	6.2	3.0
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	8.3	6.6	8.3	3.8
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	10.6	8.4	10.4	4.5
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	11.5	9.3	11.3	4.5
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	10.4	8.6	10.3	3.8
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	9.2	7.9	9.4	3.1
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	7.9	7.2	8.2	2.6
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	7.4	6.8	7.5	2.1
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	8.1	8.8	7.1	6.3
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	6.6	10.1	4.8	16.7
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	3.1	5.8	2.1	13.6
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	1.0	1.6	0.8	3.5
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	0.4	0.7	0.4	1.5
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	ND	0.5	ND	2.0
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	ND	0.8	0.3	4.4
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	ND	1.0	0.2	6.6
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	ND	0.7	ND	6.3
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	1.7	1.8	5.8
Coulter 1994	um	INORG MEAN	11.0	25.0	10.0	179.0
Coulter 1994	um	INORG MEDIAN	11.0	27.0	9.0	180.0
Coulter 1994	um	INORG MODE	11.0	154.0	2380.0	169.0
Coulter 1994	um	INORG STD DEV	3.0	6.3	5.7	5.7
Coulter 1994	-	INORG SKEWNESS	0.0	-0.1	1.2	-0.9
Coulter 1994	-	INORG KURTOSIS	0.2	-0.7	2.0	0.9

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	LSJ16	LSJ17	LSJ18	LSJ19
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	85.0	75.4	67.7	80.7
SM17 2540G	% of wet weight	TOTAL SOLIDS	15.0	24.7	32.3	19.4
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	24.1	15.8	9.3	21.2
SW846 9060	mg/kg	TOC	165000	107300	56850	193000
Folk 1994	% of dry volume	PERCENT SAND	31.5	37.6	48.0	29.8
Folk 1994	% of dry volume	PERCENT SILT	63.5	57.6	47.5	66.1
Folk 1994	% of dry volume	PERCENT CLAY	4.9	4.8	4.6	4.1
Folk 1994	% of dry volume	PERCENT MUD	68.4	62.4	52.1	70.2
Coulter 1994	um	MEAN	31.2	35.7	48.2	36.2
Coulter 1994	um	MEDIAN	30.3	33.4	53.6	29.3
Coulter 1994	um	MODE	19.8	140.0	154.0	2380.0
Coulter 1994	um	STDDEV	3.59	3.99	4.64	4.64
Coulter 1994	-	SKEWNESS	-0.15	-0.10	-0.17	0.78
Coulter 1994	-	KURTOSIS	-0.03	-0.37	-0.55	1.11
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	0.3	0.2	0.2	0.2
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.4	0.4	0.4	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.5	0.5	0.5	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.7	0.6	0.6	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	1.1	1.1	1.0	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	1.9	2.0	1.8	1.6
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	3.2	3.4	3.1	2.9
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	5.1	5.3	4.8	4.9
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	7.1	7.2	6.4	7.2
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	9.4	9.1	7.9	9.9
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	10.7	9.8	8.2	11.6
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	10.2	8.7	6.8	11.2
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	9.4	7.7	5.6	10.1
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	8.4	6.5	4.7	8.3
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	8.1	6.4	5.3	7.3
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	8.4	9.0	9.3	6.9
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	6.9	10.0	12.6	4.6
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	4.2	6.0	9.0	2.1
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	2.2	2.7	4.1	1.1
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	0.9	1.6	2.4	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	ND	0.6	1.5	0.7
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	0.4	0.7	2.1	0.8
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	0.3	0.5	1.6	0.7
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	ND	ND	ND	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	4.6
Coulter 1994	um	INORG MEAN	11.0	27.0	45.0	28.0
Coulter 1994	um	INORG MEDIAN	10.0	31.0	98.0	16.0
Coulter 1994	um	INORG MODE	8.0	154.0	154.0	2380.0
Coulter 1994	um	INORG STD DEV	3.4	5.5	5.0	10.4
Coulter 1994	-	INORG SKEWNESS	0.2	-0.3	-0.9	0.7
Coulter 1994	-	INORG KURTOSIS	-0.3	-1.2	-0.5	-0.5

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	LSJ20	LSJ21	LSJ22	LSJ23
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	43.5	80.3	70.5	66.7
SM17 2540G	% of wet weight	TOTAL SOLIDS	56.6	19.7	29.5	33.4
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	2.7	18.4	9.4	23.2
SW846 9060	mg/kg	TOC	15500	111000	49650	11900
Folk 1994	% of dry volume	PERCENT SAND	79.2	49.3	45.8	80.0
Folk 1994	% of dry volume	PERCENT SILT	17.9	47.3	51.1	18.1
Folk 1994	% of dry volume	PERCENT CLAY	2.9	3.3	3.1	1.9
Folk 1994	% of dry volume	PERCENT MUD	20.8	50.6	54.2	20.0
Coulter 1994	um	MEAN	107.0	62.9	46.6	206.0
Coulter 1994	um	MEDIAN	184.0	60.0	50.0	305.0
Coulter 1994	um	MODE	204.0	116.0	140.0	568.0
Coulter 1994	um	STDDEV	3.70	5.48	3.75	4.72
Coulter 1994	-	SKEWNESS	-1.74	0.20	-0.27	-0.98
Coulter 1994	-	KURTOSIS	2.10	-0.45	-0.11	0.49
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	0.2	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.3	0.3	0.3	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.4	0.3	0.3	ND
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.4	0.5	0.4	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.6	0.7	0.7	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	1.0	1.4	1.2	0.7
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	1.7	2.4	2.2	1.0
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	2.6	3.9	3.6	1.4
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	3.1	5.5	5.3	1.8
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	3.1	7.4	7.4	2.3
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	2.7	8.4	8.9	2.6
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	1.9	7.7	8.7	2.6
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	1.5	6.7	8.1	2.9
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	1.3	5.6	6.8	3.4
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	1.3	6.3	6.6	4.5
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	3.6	9.3	11.1	6.2
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	20.5	8.9	14.6	6.8
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	36.2	5.7	8.1	7.3
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	16.2	3.8	1.9	9.2
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	1.4	2.5	0.8	11.7
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	ND	1.2	0.8	11.9
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	ND	1.9	1.0	10.3
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	ND	3.9	0.8	7.2
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	ND	4.9	ND	4.9
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	1.0	ND	ND
Coulter 1994	um	INORG MEAN	159.0	36.0	41.0	37.0
Coulter 1994	um	INORG MEDIAN	197.0	53.0	105.0	65.0
Coulter 1994	um	INORG MODE	204.0	106.0	154.0	116.0
Coulter 1994	um	INORG STD DEV	2.7	6.5	5.1	5.4
Coulter 1994	-	INORG SKEWNESS	-3.7	-0.1	-0.7	-0.4
Coulter 1994	-	INORG KURTOSIS	14.2	-0.5	-0.8	-0.7

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	LSJ24	LSJ25	LSJ26	LSJ27
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	82.3	82.0	36.7	86.5
SM17 2540G	% of wet weight	TOTAL SOLIDS	17.7	18.0	63.3	13.6
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	21.0	22.4	1.6	32.6
SW846 9060	mg/kg	TOC	116500	129000	9275	207500
Folk 1994	% of dry volume	PERCENT SAND	35.7	39.1	83.8	35.4
Folk 1994	% of dry volume	PERCENT SILT	61.5	57.4	13.8	60.5
Folk 1994	% of dry volume	PERCENT CLAY	2.8	3.5	2.4	4.1
Folk 1994	% of dry volume	PERCENT MUD	64.3	60.9	16.2	64.6
Coulter 1994	um	MEAN	38.6	43.6	107.0	35.2
Coulter 1994	um	MEDIAN	40.7	39.3	154.0	32.5
Coulter 1994	um	MODE	31.5	23.8	169.0	19.8
Coulter 1994	um	STDDEV	3.08	4.25	3.12	3.76
Coulter 1994	-	SKEWNESS	-0.36	0.28	-2.10	-0.02
Coulter 1994	-	KURTOSIS	0.74	0.32	4.13	-0.10
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	ND	ND	0.2
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.3	0.3	0.3	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.3	0.4	0.3	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.4	0.5	0.4	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.6	0.8	0.4	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	1.0	1.4	0.7	1.7
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	1.7	2.4	1.2	3.0
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	3.1	3.9	1.8	4.8
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	4.8	5.7	2.2	6.9
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	7.3	8.1	2.3	9.3
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	9.9	9.9	2.1	10.7
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	11.3	10.0	1.6	10.0
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	11.9	9.4	1.3	8.6
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	11.6	8.0	1.3	7.3
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	11.4	7.9	2.8	7.4
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	10.8	9.3	13.8	9.1
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	7.3	8.1	31.0	8.4
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	3.6	4.5	25.2	4.9
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	1.3	2.1	10.1	2.3
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	0.4	1.3	0.9	1.3
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	0.2	0.6	ND	0.6
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	0.4	0.9	ND	0.7
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	0.3	1.8	ND	0.6
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	ND	2.6	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	ND
Coulter 1994	um	INORG MEAN	21.0	18.0	142.0	13.0
Coulter 1994	um	INORG MEDIAN	18.0	15.0	162.0	12.0
Coulter 1994	um	INORG MODE	9.0	12.0	169.0	10.0
Coulter 1994	um	INORG STD DEV	4.1	4.1	2.2	3.5
Coulter 1994	-	INORG SKEWNESS	0.0	0.3	-4.1	0.1
Coulter 1994	-	INORG KURTOSIS	-0.9	0.2	20.5	-0.1

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	LSJ28	LSJ29	LSJ30	LSJ31
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	78.9	71.7	86.6	25.3
SM17 2540G	% of wet weight	TOTAL SOLIDS	21.1	28.3	13.5	74.8
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	21.6	12.6	38.0	0.3
SW846 9060	mg/kg	TOC	124500	72350	233000	2295
Folk 1994	% of dry volume	PERCENT SAND	72.1	45.2	62.8	97.3
Folk 1994	% of dry volume	PERCENT SILT	26.2	52.5	35.1	2.2
Folk 1994	% of dry volume	PERCENT CLAY	1.7	2.3	2.1	0.5
Folk 1994	% of dry volume	PERCENT MUD	27.9	54.8	37.2	2.7
Coulter 1994	um	MEAN	195.0	49.2	111.0	223.0
Coulter 1994	um	MEDIAN	252.0	51.5	121.0	237.0
Coulter 1994	um	MODE	2380.0	140.0	356.0	245.0
Coulter 1994	um	STDDEV	6.10	3.41	5.20	1.96
Coulter 1994	-	SKEWNESS	-0.51	-0.36	-0.28	-3.23
Coulter 1994	-	KURTOSIS	-0.67	ND	-0.66	18.10
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	ND	0.2	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	ND	0.3	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.2	0.3	0.3	ND
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.4	0.5	0.5	ND
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	0.7	0.8	0.9	ND
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	1.2	1.6	1.4	0.2
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	1.9	2.8	2.3	0.2
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	2.7	4.4	3.2	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	3.8	6.7	4.5	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	4.5	8.9	5.5	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	4.4	9.7	5.8	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	4.1	9.6	6.2	0.2
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	3.7	8.8	6.3	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	3.7	8.5	6.5	0.7
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	4.6	10.3	6.9	3.3
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	6.4	11.3	6.9	16.3
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	7.3	8.3	6.7	32.6
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	6.4	3.8	6.7	27.8
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	6.3	1.6	7.2	12.6
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	6.3	0.7	6.8	2.4
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	7.6	0.6	6.1	1.3
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	8.9	ND	5.0	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	9.1	ND	4.1	ND
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	5.6	ND	ND	ND
Coulter 1994	um	INORG MEAN	47.0	38.0	31.0	235.0
Coulter 1994	um	INORG MEDIAN	82.0	50.0	32.0	238.0
Coulter 1994	um	INORG MODE	185.0	204.0	128.0	223.0
Coulter 1994	um	INORG STD DEV	5.3	5.3	5.0	1.7
Coulter 1994	-	INORG SKEWNESS	-0.3	-0.4	-0.2	-2.8
Coulter 1994	-	INORG KURTOSIS	-0.9	-1.0	-1.0	22.8

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	LSJ32	LSJ33	LSJ35	LSJ36
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	82.8	27.7	89.9	49.4
SM17 2540G	% of wet weight	TOTAL SOLIDS	17.2	72.4	10.2	50.7
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	25.3	0.4	40.9	7.4
SW846 9060	mg/kg	TOC	148500	2680	251500	28350
Folk 1994	% of dry volume	PERCENT SAND	48.9	97.8	43.2	47.6
Folk 1994	% of dry volume	PERCENT SILT	47.7	1.8	54.5	41.3
Folk 1994	% of dry volume	PERCENT CLAY	3.5	ND	2.3	11.1
Folk 1994	% of dry volume	PERCENT MUD	51.2	1.8	56.8	52.4
Coulter 1994	um	MEAN	63.3	240.0	48.4	41.9
Coulter 1994	um	MEDIAN	58.4	256.0	49.0	49.4
Coulter 1994	um	MODE	21.7	269.0	31.5	185.0
Coulter 1994	um	STDDEV	5.29	1.83	3.40	6.13
Coulter 1994	-	SKEWNESS	0.03	-4.05	-0.24	-0.30
Coulter 1994	-	KURTOSIS	-0.66	24.90	0.31	-0.74
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	0.2
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	ND	ND	0.8
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.3	ND	0.2	1.3
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.4	ND	0.3	1.6
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.5	ND	0.3	1.9
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.8	ND	0.5	2.3
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	1.4	ND	0.8	3.1
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	2.3	ND	1.5	3.9
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	3.7	0.2	2.7	4.8
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	5.3	0.3	4.2	5.6
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	7.2	0.3	6.4	6.6
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	8.4	0.3	8.8	6.7
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	7.9	0.2	10.2	5.4
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	6.9	ND	10.8	4.5
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	6.0	0.2	9.9	3.7
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	5.9	0.5	9.1	3.5
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	6.7	1.5	10.2	6.2
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	6.9	10.2	10.3	11.5
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	6.2	32.6	6.7	11.8
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	5.3	35.3	3.0	5.9
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	4.9	15.3	1.6	2.9
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	3.8	1.7	0.9	1.8
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	3.4	0.6	0.7	1.8
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	3.1	ND	0.5	1.5
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	2.5	ND	ND	0.7
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	ND
Coulter 1994	um	INORG MEAN	18.0	252.0	12.0	31.0
Coulter 1994	um	INORG MEDIAN	15.0	257.0	11.0	38.0
Coulter 1994	um	INORG MODE	10.0	269.0	9.0	185.0
Coulter 1994	um	INORG STD DEV	4.1	1.6	3.6	6.6
Coulter 1994	-	INORG SKEWNESS	0.1	-3.4	0.3	-0.4
Coulter 1994	-	INORG KURTOSIS	-0.6	30.0	-0.3	-1.1

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	LSJ37	LSJ39	LSJ40	LSJRC01
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	25.2	24.6	86.9	66.7
SM17 2540G	% of wet weight	TOTAL SOLIDS	74.8	75.4	13.2	33.4
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	0.4	0.9	36.8	14.0
SW846 9060	mg/kg	TOC	2835	2470	216500	95000
Folk 1994	% of dry volume	PERCENT SAND	98.4	97.5	51.0	72.1
Folk 1994	% of dry volume	PERCENT SILT	1.2	2.0	46.3	25.8
Folk 1994	% of dry volume	PERCENT CLAY	ND	0.5	2.8	2.1
Folk 1994	% of dry volume	PERCENT MUD	1.2	2.5	49.1	27.9
Coulter 1994	um	MEAN	347.0	213.0	68.7	126.0
Coulter 1994	um	MEDIAN	358.0	213.0	65.6	143.0
Coulter 1994	um	MODE	324.0	204.0	26.1	140.0
Coulter 1994	um	STDDEV	2.01	2.02	4.79	4.67
Coulter 1994	-	SKEWNESS	-2.93	-2.13	-0.06	-0.50
Coulter 1994	-	KURTOSIS	17.60	14.00	-0.49	-0.06
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	ND	ND	0.2	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	ND	ND	0.3	0.2
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	ND	ND	0.4	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	ND	ND	0.6	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	ND	ND	1.0	0.8
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	ND	ND	1.8	1.3
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	ND	ND	2.9	1.9
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	ND	0.2	4.3	2.5
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	ND	0.2	6.1	3.4
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	ND	0.3	7.7	4.0
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	ND	0.2	8.1	4.1
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	ND	0.2	8.1	4.2
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	ND	0.4	7.4	4.6
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	0.3	0.9	6.9	6.3
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	0.9	5.4	7.4	10.8
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	4.5	22.5	7.3	12.8
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	15.8	33.9	6.5	9.3
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	25.3	20.9	5.7	6.5
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	25.3	7.4	5.1	6.4
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	15.8	2.3	4.2	5.9
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	8.2	2.0	3.7	5.4
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	2.3	1.7	2.7	4.9
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	ND	0.5	1.5	3.9
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	ND
Coulter 1994	um	INORG MEAN	364.0	209.0	26.0	70.0
Coulter 1994	um	INORG MEDIAN	362.0	210.0	19.0	113.0
Coulter 1994	um	INORG MODE	324.0	204.0	8.0	128.0
Coulter 1994	um	INORG STD DEV	1.8	1.8	5.4	3.6
Coulter 1994	-	INORG SKEWNESS	-1.2	-2.7	0.3	-1.3
Coulter 1994	-	INORG KURTOSIS	9.2	21.7	-0.8	1.3

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	LSJRC02	LSJRC03	LSJRC04	LSJRC05
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	88.7	85.5	61.3	29.2
SM17 2540G	% of wet weight	TOTAL SOLIDS	11.3	14.5	38.8	70.9
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	51.9	36.1	8.1	2.3
SW846 9060	mg/kg	TOC	345500	242500	43550	10810
Folk 1994	% of dry volume	PERCENT SAND	70.7	50.7	74.9	87.0
Folk 1994	% of dry volume	PERCENT SILT	27.8	46.4	23.4	10.8
Folk 1994	% of dry volume	PERCENT CLAY	1.5	2.9	1.7	2.2
Folk 1994	% of dry volume	PERCENT MUD	29.3	49.3	25.1	13.0
Coulter 1994	um	MEAN	133.0	70.5	139.0	134.0
Coulter 1994	um	MEDIAN	148.0	65.4	149.0	187.0
Coulter 1994	um	MODE	154.0	21.7	140.0	204.0
Coulter 1994	um	STDDEV	4.47	5.36	4.56	2.96
Coulter 1994	-	SKEWNESS	-0.44	-0.02	-0.44	-2.39
Coulter 1994	-	KURTOSIS	-0.23	-0.83	0.01	5.39
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	ND	0.2	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	ND	0.3	ND	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.2	0.4	0.3	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.4	0.6	0.4	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	0.6	1.2	0.7	0.7
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	1.0	2.2	1.1	1.1
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	1.5	3.6	1.6	1.4
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	2.1	5.2	2.2	1.6
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	3.0	7.0	3.0	1.7
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	4.0	8.1	3.7	1.6
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	4.7	7.7	3.9	1.3
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	5.4	6.8	4.0	1.1
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	6.1	5.8	4.0	1.1
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	7.1	5.4	5.5	1.6
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	8.9	6.0	11.6	5.4
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	9.7	6.3	15.7	24.2
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	8.8	6.1	10.8	36.9
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	7.5	5.7	5.4	16.5
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	7.3	6.0	4.3	2.3
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	6.6	5.1	4.4	ND
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	6.5	4.6	5.4	ND
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	5.3	3.7	6.1	ND
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	3.1	2.0	5.8	ND
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	ND
Coulter 1994	um	INORG MEAN	20.0	21.0	76.0	173.0
Coulter 1994	um	INORG MEDIAN	15.0	19.0	124.0	193.0
Coulter 1994	um	INORG MODE	12.0	9.0	140.0	204.0
Coulter 1994	um	INORG STD DEV	4.8	4.5	3.7	2.0
Coulter 1994	-	INORG SKEWNESS	0.5	0.2	-1.7	-4.5
Coulter 1994	-	INORG KURTOSIS	-0.1	-0.3	1.9	25.5

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	LSJRC06	LSJRC07	LSJRC08	LSJRC09
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	89.1	53.2	88.3	90.8
SM17 2540G	% of wet weight	TOTAL SOLIDS	10.9	46.9	11.7	9.2
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	58.2	7.3	48.5	45.0
SW846 9060	mg/kg	TOC	396000	43400	314000	289000
Folk 1994	% of dry volume	PERCENT SAND	56.7	68.6	61.7	49.8
Folk 1994	% of dry volume	PERCENT SILT	40.0	29.1	36.6	47.8
Folk 1994	% of dry volume	PERCENT CLAY	3.3	2.3	1.7	2.3
Folk 1994	% of dry volume	PERCENT MUD	43.3	31.4	38.3	50.1
Coulter 1994	um	MEAN	75.0	96.6	110.0	66.1
Coulter 1994	um	MEDIAN	85.6	155.0	107.0	62.0
Coulter 1994	um	MODE	140.0	204.0	96.5	116.0
Coulter 1994	um	STDDEV	4.83	4.03	5.13	4.66
Coulter 1994	-	SKEWNESS	-0.26	-0.78	-0.14	0.12
Coulter 1994	-	KURTOSIS	-0.42	0.33	-0.68	-0.32
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.3	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.3	0.2	ND	0.2
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.5	0.3	0.2	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.8	0.5	0.4	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	1.3	0.9	0.7	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	2.0	1.4	1.3	1.7
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	3.0	2.2	2.1	2.8
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	4.0	3.0	3.0	4.3
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	5.3	4.0	4.3	6.2
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	6.2	4.7	5.6	8.0
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	6.3	4.7	6.4	8.5
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	6.5	4.6	7.0	8.5
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	6.8	4.5	7.2	7.9
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	7.4	4.7	7.4	8.1
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	8.7	6.5	7.8	9.4
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	9.1	14.3	7.2	8.3
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	7.6	20.7	5.7	5.1
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	6.2	12.9	5.1	3.3
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	5.7	3.7	5.9	3.4
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	4.2	1.1	6.4	3.2
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	3.7	1.9	6.5	3.4
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	2.9	1.9	5.3	3.4
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	1.1	1.0	3.2	2.5
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	1.4	ND
Coulter 1994	um	INORG MEAN	25.0	130.0	18.0	15.0
Coulter 1994	um	INORG MEDIAN	20.0	189.0	14.0	12.0
Coulter 1994	um	INORG MODE	10.0	204.0	12.0	9.0
Coulter 1994	um	INORG STD DEV	5.2	3.2	4.5	4.5
Coulter 1994	-	INORG SKEWNESS	0.3	-2.3	0.8	0.7
Coulter 1994	-	INORG KURTOSIS	-0.6	5.3	0.8	0.6

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	LSJRC10	LSJRC11	LSJRC12	LSJRC13
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	87.7	87.6	22.0	82.7
SM17 2540G	% of wet weight	TOTAL SOLIDS	12.4	12.4	78.1	17.4
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	50.5	45.6	0.3	29.5
SW846 9060	mg/kg	TOC	333500	306500	2645	196000
Folk 1994	% of dry volume	PERCENT SAND	63.6	60.8	96.9	61.7
Folk 1994	% of dry volume	PERCENT SILT	34.6	37.0	2.5	35.9
Folk 1994	% of dry volume	PERCENT CLAY	1.8	2.2	0.5	2.4
Folk 1994	% of dry volume	PERCENT MUD	36.4	39.2	3.0	38.3
Coulter 1994	um	MEAN	115.0	90.8	194.0	108.0
Coulter 1994	um	MEDIAN	121.0	106.0	211.0	115.0
Coulter 1994	um	MODE	2380.0	154.0	223.0	2380.0
Coulter 1994	um	STDDEV	5.24	4.80	1.93	5.55
Coulter 1994	-	SKEWNESS	-0.13	-0.25	-3.33	-0.17
Coulter 1994	-	KURTOSIS	-0.51	-0.50	17.50	-0.64
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	ND	0.2	ND	0.2
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.3	0.3	ND	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.4	0.5	ND	0.6
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	0.7	0.9	ND	1.0
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	1.2	1.6	0.2	1.6
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	2.0	2.5	0.3	2.5
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	2.9	3.6	0.3	3.4
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	4.2	4.9	0.4	4.6
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	5.5	6.0	0.4	5.6
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	6.1	6.2	0.3	5.9
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	6.4	6.2	0.3	6.2
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	6.4	6.0	0.4	6.2
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	6.6	6.5	1.4	6.3
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	7.8	8.5	8.0	7.2
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	8.6	9.8	22.0	7.6
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	7.7	8.2	31.8	7.0
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	6.3	6.3	24.0	5.9
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	5.9	6.2	9.0	5.9
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	4.9	5.1	0.8	5.6
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	4.5	4.4	ND	5.3
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	4.2	3.7	ND	4.5
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	2.8	2.2	ND	2.8
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	4.4	ND	ND	3.5
Coulter 1994	um	INORG MEAN	26.0	21.0	202.0	30.0
Coulter 1994	um	INORG MEDIAN	21.0	16.0	212.0	31.0
Coulter 1994	um	INORG MODE	9.0	9.0	223.0	154.0
Coulter 1994	um	INORG STD DEV	5.1	5.1	1.7	5.8
Coulter 1994	-	INORG SKEWNESS	0.1	0.5	-3.5	-0.1
Coulter 1994	-	INORG KURTOSIS	-0.9	-0.3	24.1	-0.7

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	LSJRC13-02	LSJRC14	LSJRC15	LSJRC16
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	81.8	69.0	87.4	75.6
SM17 2540G	% of wet weight	TOTAL SOLIDS	18.3	31.1	12.7	24.5
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	24.8	14.7	39.2	20.8
SW846 9060	mg/kg	TOC	181000	79050	241000	118500
Folk 1994	% of dry volume	PERCENT SAND	53.3	65.2	39.1	51.3
Folk 1994	% of dry volume	PERCENT SILT	44.3	32.6	58.1	46.4
Folk 1994	% of dry volume	PERCENT CLAY	2.5	2.2	2.8	2.4
Folk 1994	% of dry volume	PERCENT MUD	46.8	34.8	60.9	48.8
Coulter 1994	um	MEAN	76.0	122.0	41.2	66.5
Coulter 1994	um	MEDIAN	74.0	140.0	42.3	66.5
Coulter 1994	um	MODE	140.0	140.0	28.7	154.0
Coulter 1994	um	STDDEV	4.90	5.73	3.29	4.54
Coulter 1994	-	SKEWNESS	-0.02	-0.31	-0.30	0.04
Coulter 1994	-	KURTOSIS	-0.44	-0.76	0.18	-0.22
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.2	ND	0.2	0.2
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.3	0.2	0.3	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.4	0.3	0.4	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.6	0.5	0.6	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	1.0	0.9	1.1	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	1.6	1.5	1.9	1.6
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	2.7	2.5	3.3	2.8
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	3.9	3.6	5.1	4.2
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	5.6	4.9	7.4	6.2
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	7.3	5.7	9.7	7.9
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	7.9	5.5	10.5	8.4
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	7.9	4.9	10.6	8.1
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	7.4	4.1	9.7	7.3
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	7.1	4.6	9.3	7.2
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	7.9	7.6	10.6	8.7
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	8.6	8.8	10.0	9.8
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	6.8	6.7	5.3	7.7
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	4.8	5.3	1.6	4.5
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	4.1	5.7	1.0	3.2
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	3.5	5.8	0.6	2.5
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	3.7	6.8	0.4	2.8
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	3.8	7.6	0.2	2.4
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	3.2	6.3	ND	1.5
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	1.0
Coulter 1994	um	INORG MEAN	33.5	53.0	16.0	38.0
Coulter 1994	um	INORG MEDIAN	41.5	98.0	15.0	52.0
Coulter 1994	um	INORG MODE	169.0	128.0	7.0	185.0
Coulter 1994	um	INORG STD DEV	5.0	4.4	4.0	5.0
Coulter 1994	-	INORG SKEWNESS	-0.3	-0.9	ND	-0.4
Coulter 1994	-	INORG KURTOSIS	-1.0	0.0	-0.6	-0.9

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	LSJRC17	LSJRC18	LSJRC19	LSJRC20
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	65.0	28.1	86.3	90.1
SM17 2540G	% of wet weight	TOTAL SOLIDS	35.0	72.0	13.8	10.0
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	10.5	1.3	39.9	42.5
SW846 9060	mg/kg	TOC	72200	7060	244500	251000
Folk 1994	% of dry volume	PERCENT SAND	62.7	91.0	70.8	43.3
Folk 1994	% of dry volume	PERCENT SILT	35.1	7.7	27.6	54.3
Folk 1994	% of dry volume	PERCENT CLAY	2.3	1.3	1.5	2.3
Folk 1994	% of dry volume	PERCENT MUD	37.4	9.0	29.1	56.6
Coulter 1994	um	MEAN	97.4	154.0	124.0	46.5
Coulter 1994	um	MEDIAN	124.0	191.0	149.0	48.9
Coulter 1994	um	MODE	154.0	204.0	154.0	106.0
Coulter 1994	um	STDDEV	5.14	2.52	4.10	3.37
Coulter 1994	-	SKEWNESS	-0.23	-2.63	-0.61	-0.24
Coulter 1994	-	KURTOSIS	-0.49	7.64	-0.07	0.19
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	ND	ND	ND	0.2
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.2	ND	ND	0.2
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.3	0.3	0.2	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.5	0.4	0.4	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	0.9	0.5	0.7	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	1.6	0.6	1.0	1.7
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	2.6	0.9	1.5	3.0
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	3.8	1.2	2.1	4.6
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	5.2	1.3	3.0	6.8
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	6.1	1.2	4.0	9.0
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	5.9	0.9	4.7	9.8
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	5.3	0.7	5.4	10.0
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	4.5	0.8	6.0	9.5
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	4.7	1.7	6.9	10.1
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	8.2	8.2	8.9	11.6
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	12.0	24.2	10.2	10.1
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	10.1	32.6	9.5	5.5
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	5.9	19.1	8.5	2.1
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	4.7	4.9	9.1	1.4
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	3.9	0.4	8.7	1.2
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	4.2	ND	6.2	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	4.5	ND	2.6	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	3.5	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	0.9	ND	ND	ND
Coulter 1994	um	INORG MEAN	66.0	180.0	16.0	14.0
Coulter 1994	um	INORG MEDIAN	127.0	195.0	14.0	12.0
Coulter 1994	um	INORG MODE	154.0	204.0	11.0	11.0
Coulter 1994	um	INORG STD DEV	4.3	1.9	3.9	4.0
Coulter 1994	-	INORG SKEWNESS	-1.2	-4.1	0.2	0.5
Coulter 1994	-	INORG KURTOSIS	0.2	24.3	-0.1	0.3

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

ANAL_MET	UNIT	PARAMETER / SITE_ID	MOC07	NASCP01	NASM01	OBB
SM17 2540G	% of wet weight	PERCENT MOISTURE	82.7	73.7	88.8	86.5
SM17 2540G	% of wet weight	TOTAL SOLIDS	17.4	26.3	11.3	13.6
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	18.3	12.0	29.3	27.1
SW846 9060	mg/kg	TOC	94700	63850	162500	172500
Folk 1994	% of dry volume	PERCENT SAND	31.1	41.7	29.1	27.0
Folk 1994	% of dry volume	PERCENT SILT	64.7	55.1	67.9	69.2
Folk 1994	% of dry volume	PERCENT CLAY	4.3	3.3	3.1	3.8
Folk 1994	% of dry volume	PERCENT MUD	69.0	58.3	71.0	73.0
Coulter 1994	um	MEAN	31.2	43.5	32.5	30.0
Coulter 1994	um	MEDIAN	30.8	44.1	32.8	28.5
Coulter 1994	um	MODE	21.7	140.0	26.1	21.7
Coulter 1994	um	STDDEV	3.32	3.77	3.10	3.26
Coulter 1994	-	SKEWNESS	-0.28	-0.14	-0.14	-0.02
Coulter 1994	-	KURTOSIS	-0.17	-0.14	0.47	0.48
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	0.2	ND	ND	0.2
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.3	0.3	0.3	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.4	0.3	0.3	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.6	0.5	0.4	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.9	0.8	0.7	0.8
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	1.7	1.4	1.4	1.5
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	3.0	2.4	2.5	2.8
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	4.9	4.0	4.2	4.8
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	7.0	5.7	6.3	7.1
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	9.5	7.8	9.0	10.1
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	11.0	9.2	11.3	12.3
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	10.6	9.1	11.9	12.0
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	9.8	8.7	11.8	10.9
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	8.8	8.4	11.0	9.2
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	8.0	8.3	10.1	7.5
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	8.7	9.5	8.7	7.0
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	8.1	9.8	5.3	6.4
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	4.2	6.7	2.2	3.6
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	1.3	3.1	1.1	1.3
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	0.6	1.8	0.9	0.7
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	ND	1.0	0.4	ND
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	ND	0.8	0.3	ND
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	ND	0.7	0.3	ND
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	ND	0.2	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	0.4
Coulter 1994	um	INORG MEAN	24.0	28.5	15.5	15.0
Coulter 1994	um	INORG MEDIAN	25.0	27.0	15.0	14.0
Coulter 1994	um	INORG MODE	20.0	154.0	16.0	16.0
Coulter 1994	um	INORG STD DEV	3.1	4.1	2.9	3.1
Coulter 1994	-	INORG SKEWNESS	-0.4	-0.2	0.0	0.6
Coulter 1994	-	INORG KURTOSIS	0.2	-0.8	1.1	2.8

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	ORG01	PA32	PP61	RCCP02
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	84.7	59.3	45.9	45.0
SM17 2540G	% of wet weight	TOTAL SOLIDS	15.4	40.7	54.2	55.1
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	26.3	9.7	3.2	6.6
SW846 9060	mg/kg	TOC	167000	40450	18050	22450
Folk 1994	% of dry volume	PERCENT SAND	36.9	82.6	71.9	86.5
Folk 1994	% of dry volume	PERCENT SILT	60.2	15.8	24.9	11.8
Folk 1994	% of dry volume	PERCENT CLAY	2.8	1.7	3.2	1.8
Folk 1994	% of dry volume	PERCENT MUD	63.0	17.5	28.1	13.5
Coulter 1994	um	MEAN	38.0	220.0	78.5	248.0
Coulter 1994	um	MEDIAN	41.0	209.0	139.0	236.0
Coulter 1994	um	MODE	87.9	2380.0	169.0	1292.0
Coulter 1994	um	STDDEV	3.04	5.01	3.56	4.62
Coulter 1994	-	SKEWNESS	-0.54	-0.68	-1.41	-0.87
Coulter 1994	-	KURTOSIS	0.24	0.19	1.08	0.99
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.3	ND	0.2	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.3	ND	0.3	ND
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.4	0.3	0.5	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.6	0.4	0.7	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	1.1	0.7	1.2	0.7
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	2.0	1.0	1.8	1.0
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	3.4	1.4	2.7	1.3
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	5.2	1.9	3.5	1.5
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	7.6	2.3	4.2	1.7
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	9.8	2.5	4.1	1.7
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	10.6	2.3	3.3	1.5
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	10.9	2.2	2.8	1.5
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	10.8	2.1	2.5	1.7
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	10.7	3.0	2.5	2.1
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	10.9	8.8	11.9	5.4
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	9.5	14.7	30.0	13.9
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	4.8	10.9	23.7	18.1
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	0.6	5.5	3.9	10.5
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	0.2	5.0	ND	4.3
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	ND	6.1	ND	4.0
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	ND	7.2	ND	6.4
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	ND	8.1	ND	8.1
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	ND	9.0	ND	8.7
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	4.3	ND	5.3
Coulter 1994	um	INORG MEAN	15.0	105.0	123.0	197.0
Coulter 1994	um	INORG MEDIAN	15.0	142.0	158.0	200.5
Coulter 1994	um	INORG MODE	14.0	154.0	169.0	204.0
Coulter 1994	um	INORG STD DEV	3.2	3.0	2.7	3.1
Coulter 1994	-	INORG SKEWNESS	-0.1	-2.4	-3.2	-1.6
Coulter 1994	-	INORG KURTOSIS	0.1	5.9	10.6	6.5

LOWER ST. JOHNS RIVER ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	WEK02	CED01	CED01-1	CED02
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	82.1	64.8	74.7	71.1
SM17 2540G	% of wet weight	TOTAL SOLIDS	18.0	35.2	25.3	28.9
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	29.7	16.2	13.1	21.8
SW846 9060	mg/kg	TOC	224000	65600	55700	107000
Folk 1994	% of dry volume	PERCENT SAND	56.8	19.8	31.9	25.6
Folk 1994	% of dry volume	PERCENT SILT	40.9	56.5	61.4	61.6
Folk 1994	% of dry volume	PERCENT CLAY	2.3	23.7	6.6	12.9
Folk 1994	% of dry volume	PERCENT MUD	43.2	80.2	68.0	74.5
Coulter 1994	um	MEAN	87.5	14.5	32.2	24.0
Coulter 1994	um	MEDIAN	90.6	11.3	29.5	19.9
Coulter 1994	um	MODE	88.9	7.1	21.7	19.8
Coulter 1994	um	STDDEV	4.95	5.95	4.21	5.41
Coulter 1994	-	SKEWNESS	-0.14	0.53	ND	0.33
Coulter 1994	-	KURTOSIS	-0.55	-0.23	-0.08	-0.40
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	0.5	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	1.6	0.4	0.6
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.1	2.5	0.6	1.1
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.3	3.1	0.8	1.4
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.4	3.9	1.0	2.0
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.5	5.2	1.5	3.1
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	0.9	6.9	2.3	4.5
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	1.5	8.2	3.5	6.0
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	2.5	8.9	5.1	7.4
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	3.7	8.6	6.8	8.2
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	5.3	8.2	8.9	9.0
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	6.9	7.7	10.5	9.4
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	7.2	6.0	10.1	8.4
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	7.2	4.7	8.9	7.2
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	6.9	4.2	7.7	6.0
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	6.8	3.4	6.2	4.5
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	7.5	2.7	5.6	3.3
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	7.7	2.4	7.1	2.7
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	6.6	2.3	6.4	2.6
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	6.1	1.8	3.1	2.7
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	6.0	2.1	1.0	3.4
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	4.9	2.0	0.5	3.5
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	4.7	1.8	1.0	2.4
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	4.1	1.4	1.0	0.6
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	2.7	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	ND
Coulter 1994	um	INORG MEAN	33.0	6.0		7.0
Coulter 1994	um	INORG MEDIAN	39.0	6.0		7.0
Coulter 1994	um	INORG MODE	74.0	7.0		9.0
Coulter 1994	um	INORG STD DEV	5.1	3.3		3.1
Coulter 1994	-	INORG SKEWNESS	0.0	0.5		0.3
Coulter 1994	-	INORG KURTOSIS	-0.6	0.8		0.8

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	CED03	CED04	CED05	CED06
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	74.8	80.6	73.9	71.6
SM17 2540G	% of wet weight	TOTAL SOLIDS	25.2	19.4	26.1	28.4
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	19.2	23.4	17.7	23.1
SW846 9060	mg/kg	TOC	112000	142000	74400	134000
Folk 1994	% of dry volume	PERCENT SAND	36.7	15.9	78.5	72.9
Folk 1994	% of dry volume	PERCENT SILT	56.3	73.8	19.8	24.7
Folk 1994	% of dry volume	PERCENT CLAY	7.1	10.3	1.6	2.5
Folk 1994	% of dry volume	PERCENT MUD	63.4	84.1	21.4	27.2
Coulter 1994	um	MEAN	36.5	18.6	171.0	153.0
Coulter 1994	um	MEDIAN	33.1	18.4	202.0	215.0
Coulter 1994	um	MODE	19.8	18.0	204.0	517.0
Coulter 1994	um	STDDEV	4.86	3.62	4.36	4.92
Coulter 1994	-	SKEWNESS	0.08	0.09	-0.70	-0.76
Coulter 1994	-	KURTOSIS	-0.28	0.53	0.41	0.01
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	0.4	0.6	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.6	0.9	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.8	1.2	ND	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	1.1	1.6	0.3	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	1.6	2.3	0.4	0.6
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	2.5	3.6	0.7	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	3.8	5.3	0.9	1.3
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	5.3	7.5	1.3	1.7
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	6.8	9.5	1.6	2.1
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	8.3	11.6	2.2	2.8
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	9.0	12.4	2.7	3.5
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	8.3	10.9	3.1	3.9
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	7.6	9.2	3.7	4.5
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	7.2	7.6	4.4	5.0
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	6.7	5.7	5.3	5.4
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	6.6	3.6	7.6	6.2
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	6.8	2.5	11.0	7.2
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	5.4	1.4	12.2	7.4
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	3.3	1.0	10.8	8.2
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	2.3	0.6	8.8	11.2
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	1.7	ND	5.8	11.8
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	1.6	0.4	5.1	9.0
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	1.4	0.5	5.7	4.4
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	1.0	ND	6.3	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	1.5
Coulter 1994	um	INORG MEAN	19.0	9.0		
Coulter 1994	um	INORG MEDIAN	15.0	8.0		
Coulter 1994	um	INORG MODE	8.0	6.0		
Coulter 1994	um	INORG STD DEV	4.9	3.6		
Coulter 1994	-	INORG SKEWNESS	0.1	0.6		
Coulter 1994	-	INORG KURTOSIS	-1.0	0.5		

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

ANAL_MET	UNIT	PARAMETER	CED07	CED07-1	CED08	CED09
SM17 2540G	% of wet weight	PERCENT MOISTURE	74.2	84.1	64.7	69.9
SM17 2540G	% of wet weight	TOTAL SOLIDS	25.8	15.9	35.3	30.1
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	24.5	27.5	21.7	21.7
SW846 9060	mg/kg	TOC	125000	157000	142000	119000
Folk 1994	% of dry volume	PERCENT SAND	65.3	24.6	42.2	44.9
Folk 1994	% of dry volume	PERCENT SILT	31.1	69.0	49.6	47.8
Folk 1994	% of dry volume	PERCENT CLAY	3.6	6.4	8.2	7.3
Folk 1994	% of dry volume	PERCENT MUD	34.7	75.4	57.8	55.1
Coulter 1994	um	MEAN	117.0	26.1	47.5	50.7
Coulter 1994	um	MEDIAN	160.0	25.7	42.2	47.5
Coulter 1994	um	MODE	684.0	19.8	2380.0	19.8
Coulter 1994	um	STDDEV	5.62	3.59	6.53	6.11
Coulter 1994	-	SKEWNESS	-0.57	ND	0.19	0.04
Coulter 1994	-	KURTOSIS	-0.59	0.43	-0.60	-0.71
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	0.4	0.3	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.2	0.6	0.6	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.3	0.7	0.8	0.8
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.6	0.9	1.3	1.2
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.9	1.4	2.0	1.8
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	1.4	2.4	3.1	2.7
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	2.0	3.8	4.2	3.8
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	2.7	5.8	5.4	5.0
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	3.2	7.8	6.1	5.8
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	3.9	10.1	6.6	6.6
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	4.5	11.3	7.0	7.0
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	4.6	10.7	6.7	6.6
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	5.0	10.0	6.7	6.5
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	5.3	9.6	6.9	6.5
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	5.4	8.4	6.5	6.2
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	5.6	6.4	6.1	6.4
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	6.1	4.2	5.5	6.2
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	6.1	2.0	4.4	5.1
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	6.7	1.2	3.3	4.2
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	8.9	0.7	3.0	3.7
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	10.6	0.4	2.6	3.3
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	10.1	0.5	2.9	3.7
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	5.3	0.6	3.2	3.7
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	0.5	ND	2.6	2.5
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	2.2	ND
Coulter 1994	um	INORG MEAN			16.0	19.0
Coulter 1994	um	INORG MEDIAN			12.0	13.0
Coulter 1994	um	INORG MODE			9.0	9.0
Coulter 1994	um	INORG STD DEV			5.2	6.0
Coulter 1994	-	INORG SKEWNESS			0.4	0.5
Coulter 1994	-	INORG KURTOSIS			-0.4	-0.4

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	CED12	CED13	CED14	ORT01
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	67.4	65.7	62.3	78.9
SM17 2540G	% of wet weight	TOTAL SOLIDS	32.6	34.3	37.7	21.1
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	15.8	12.6	9.4	18.5
SW846 9060	mg/kg	TOC	90100	63100	43400	105000
Folk 1994	% of dry volume	PERCENT SAND	21.7	65.1	49.1	23.8
Folk 1994	% of dry volume	PERCENT SILT	59.8	30.5	45.4	69.7
Folk 1994	% of dry volume	PERCENT CLAY	18.5	4.4	5.6	6.5
Folk 1994	% of dry volume	PERCENT MUD	78.3	34.9	51.0	76.2
Coulter 1994	um	MEAN	16.9	111.0	58.2	24.5
Coulter 1994	um	MEDIAN	15.2	133.0	58.7	23.1
Coulter 1994	um	MODE	18.0	154.0	2380.0	19.8
Coulter 1994	um	STDDEV	5.07	6.39	5.75	3.52
Coulter 1994	-	SKEWNESS	0.26	-0.37	-0.04	-0.04
Coulter 1994	-	KURTOSIS	-0.29	-0.59	-0.46	0.03
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	0.3	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	1.1	0.2	0.3	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	1.8	0.4	0.5	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	2.3	0.5	0.7	0.6
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	3.0	0.7	0.9	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	4.2	1.0	1.3	1.5
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	5.7	1.5	1.9	2.6
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	7.1	2.1	2.9	4.2
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	8.1	2.9	4.2	6.4
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	8.4	3.5	5.5	8.6
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	8.6	4.3	7.0	10.9
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	8.5	4.7	7.7	11.9
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	7.3	4.4	6.9	10.6
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	6.2	4.2	6.0	9.1
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	5.7	4.5	5.3	7.9
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	5.0	5.3	4.5	6.9
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	4.4	8.1	4.4	6.1
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	3.9	10.4	8.3	5.2
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	2.6	7.4	12.1	3.0
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	1.5	4.4	8.1	1.4
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	1.3	4.2	3.0	0.6
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	1.1	4.2	1.2	ND
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	0.9	5.4	1.5	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	0.8	7.7	1.7	ND
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	ND	8.0	0.8	ND
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	3.5	ND
Coulter 1994	um	INORG MEAN				
Coulter 1994	um	INORG MEDIAN				
Coulter 1994	um	INORG MODE				
Coulter 1994	um	INORG STD DEV				
Coulter 1994	-	INORG SKEWNESS				
Coulter 1994	-	INORG KURTOSIS				

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	ORT02	ORT03	ORT04	ORT04-1
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	74.5	78.5	76.8	78.8
SM17 2540G	% of wet weight	TOTAL SOLIDS	25.5	21.5	23.2	21.2
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	17.6	19.0	20.1	20.6
SW846 9060	mg/kg	TOC	97400	116000	118000	120000
Folk 1994	% of dry volume	PERCENT SAND	17.3	15.9	17.8	20.2
Folk 1994	% of dry volume	PERCENT SILT	73.6	75.9	73.5	72.0
Folk 1994	% of dry volume	PERCENT CLAY	9.0	8.3	8.7	7.8
Folk 1994	% of dry volume	PERCENT MUD	82.6	84.2	82.2	79.8
Coulter 1994	um	MEAN	19.9	18.7	20.3	22.6
Coulter 1994	um	MEDIAN	18.0	17.6	18.2	20.1
Coulter 1994	um	MODE	18.0	16.4	16.4	18.0
Coulter 1994	um	STDDEV	3.81	3.32	3.82	3.92
Coulter 1994	-	SKEWNESS	0.40	0.08	0.42	0.39
Coulter 1994	-	KURTOSIS	0.66	0.11	0.62	0.61
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	0.4	0.4	0.4	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.7	0.6	0.6	0.6
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.9	0.8	0.8	0.8
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	1.3	1.1	1.2	1.1
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	2.1	1.9	2.0	1.8
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	3.5	3.4	3.5	3.0
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	5.5	5.5	5.5	4.8
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	7.9	8.2	8.0	7.2
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	10.1	10.6	10.1	9.4
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	12.2	12.9	12.1	11.7
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	12.8	13.2	12.5	12.5
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	10.8	10.8	10.5	10.8
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	8.2	8.3	8.3	8.7
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	6.1	6.4	6.5	6.9
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	4.5	4.8	4.8	5.2
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	3.3	3.6	3.4	3.9
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	3.2	3.1	3.0	3.4
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	2.3	2.4	2.2	2.6
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	1.2	1.5	1.3	1.7
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	0.6	0.5	0.8	1.0
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	0.6	ND	0.6	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	0.8	ND	0.9	0.7
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	0.7	ND	0.8	0.8
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	ND	ND	ND	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	ND
Coulter 1994	um	INORG MEAN	14.0		12.0	
Coulter 1994	um	INORG MEDIAN	13.0		11.0	
Coulter 1994	um	INORG MODE	20.0		5.0	
Coulter 1994	um	INORG STD DEV	4.3		4.4	
Coulter 1994	-	INORG SKEWNESS	0.2		0.4	
Coulter 1994	-	INORG KURTOSIS	-0.6		-0.3	

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	ORT04-2	ORT05	ORT06	ORT06-1
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	78.4	78.6	77.0	75.1
SM17 2540G	% of wet weight	TOTAL SOLIDS	21.6	21.4	23.0	24.9
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	20.0	21.3	17.3	17.0
SW846 9060	mg/kg	TOC	117000	125000	110000	93200
Folk 1994	% of dry volume	PERCENT SAND	18.7	21.6	19.9	21.9
Folk 1994	% of dry volume	PERCENT SILT	73.2	71.0	72.6	70.1
Folk 1994	% of dry volume	PERCENT CLAY	8.1	7.4	7.5	8.0
Folk 1994	% of dry volume	PERCENT MUD	81.3	78.4	80.1	78.1
Coulter 1994	um	MEAN	21.0	23.7	21.6	22.9
Coulter 1994	um	MEDIAN	19.2	20.3	19.9	20.0
Coulter 1994	um	MODE	18.0	18.0	18.0	18.0
Coulter 1994	um	STDDEV	3.71	4.09	3.57	4.02
Coulter 1994	-	SKEWNESS	0.30	0.52	0.16	0.35
Coulter 1994	-	KURTOSIS	0.52	0.64	0.30	0.35
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	0.4	0.3	0.4	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.6	0.5	0.6	0.6
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.8	0.7	0.7	0.8
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	1.1	1.0	1.0	1.1
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	1.9	1.7	1.7	1.8
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	3.2	3.1	3.0	3.1
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	5.1	5.0	4.8	5.0
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	7.5	7.4	7.3	7.3
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	9.8	9.5	9.6	9.5
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	11.9	11.6	11.9	11.6
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	12.5	12.1	12.7	12.2
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	10.7	10.3	10.8	10.2
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	8.7	8.4	8.7	8.0
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	6.9	6.8	6.9	6.4
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	5.3	5.4	5.4	5.0
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	3.9	4.2	4.6	4.3
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	3.3	3.6	4.3	4.6
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	2.3	2.6	2.7	3.1
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	1.3	1.6	1.3	1.5
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	0.7	0.9	0.6	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	0.5	0.5	ND	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	0.6	0.9	0.3	1.0
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	0.6	1.2	0.4	1.0
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	ND	0.9	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	ND
Coulter 1994	um	INORG MEAN				15.0
Coulter 1994	um	INORG MEDIAN				12.0
Coulter 1994	um	INORG MODE				10.0
Coulter 1994	um	INORG STD DEV				4.0
Coulter 1994	-	INORG SKEWNESS				0.3
Coulter 1994	-	INORG KURTOSIS				-0.4

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	ORT07	ORT08	ORT09	ORT10
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	82.3	75.7	78.2	80.8
SM17 2540G	% of wet weight	TOTAL SOLIDS	17.7	24.3	21.8	19.2
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	22.4	20.1	19.4	22.0
SW846 9060	mg/kg	TOC	136000	117000	90000	129000
Folk 1994	% of dry volume	PERCENT SAND	23.8	31.1	28.4	25.5
Folk 1994	% of dry volume	PERCENT SILT	69.9	62.6	65.2	67.9
Folk 1994	% of dry volume	PERCENT CLAY	6.3	6.3	6.4	6.6
Folk 1994	% of dry volume	PERCENT MUD	76.2	68.9	71.6	74.5
Coulter 1994	um	MEAN	25.1	34.0	29.5	26.8
Coulter 1994	um	MEDIAN	23.9	27.0	24.9	23.5
Coulter 1994	um	MODE	19.8	18.0	18.0	18.0
Coulter 1994	um	STDDEV	3.53	4.90	4.33	4.08
Coulter 1994	-	SKEWNESS	0.02	0.36	0.32	0.36
Coulter 1994	-	KURTOSIS	0.26	-0.40	0.09	0.40
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	0.3	0.2	0.3	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.5	0.4	0.5	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.6	0.5	0.6	0.6
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.9	0.9	0.9	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	1.4	1.5	1.5	1.5
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	2.5	2.7	2.5	2.7
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	4.1	4.4	4.1	4.4
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	6.3	6.3	6.1	6.5
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	8.4	8.0	8.2	8.6
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	10.7	9.5	10.3	10.7
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	11.7	10.0	11.2	11.3
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	10.6	9.1	9.9	10.0
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	9.5	8.2	8.4	8.7
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	8.7	7.2	7.1	7.7
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	7.6	5.7	6.1	6.7
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	6.0	4.5	5.6	5.5
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	4.4	3.6	4.9	4.3
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	2.7	2.9	3.4	2.8
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	1.5	2.8	2.3	1.7
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	0.6	3.4	1.7	1.1
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	0.2	3.5	1.1	0.7
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	0.3	3.1	1.5	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	0.3	1.5	1.3	1.1
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	ND	ND	0.5	0.8
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	ND
Coulter 1994	um	INORG MEAN	11.0	11.0		
Coulter 1994	um	INORG MEDIAN	11.0	11.0		
Coulter 1994	um	INORG MODE	11.0	14.0		
Coulter 1994	um	INORG STD DEV	3.1	3.0		
Coulter 1994	-	INORG SKEWNESS	0.4	0.2		
Coulter 1994	-	INORG KURTOSIS	0.8	0.8		

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	ORT11	ORT12	ORT13	ORT14
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	80.6	81.2	81.4	78.2
SM17 2540G	% of wet weight	TOTAL SOLIDS	19.4	18.8	18.6	21.8
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	23.5	22.2	23.8	19.8
SW846 9060	mg/kg	TOC	128000	130000	146000	110000
Folk 1994	% of dry volume	PERCENT SAND	60.5	27.9	20.4	26.3
Folk 1994	% of dry volume	PERCENT SILT	36.5	65.4	71.7	67.5
Folk 1994	% of dry volume	PERCENT CLAY	3.0	6.7	7.9	6.2
Folk 1994	% of dry volume	PERCENT MUD	39.5	72.1	79.6	73.7
Coulter 1994	um	MEAN	114.0	29.8	21.9	28.3
Coulter 1994	um	MEDIAN	154.0	24.3	20.3	23.7
Coulter 1994	um	MODE	751.0	18.0	18.0	18.0
Coulter 1994	um	STDDEV	6.16	4.59	3.65	4.24
Coulter 1994	-	SKEWNESS	-0.38	0.38	0.16	0.42
Coulter 1994	-	KURTOSIS	-1.06	-0.10	0.31	0.32
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	0.3	0.4	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	ND	0.5	0.6	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.2	0.6	0.8	0.6
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.4	0.9	1.1	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.8	1.6	1.8	1.4
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	1.4	2.7	3.1	2.5
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	2.2	4.4	5.0	4.2
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	3.2	6.5	7.3	6.3
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	4.2	8.5	9.4	8.5
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	5.2	10.3	11.4	10.8
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	5.8	10.8	11.9	11.7
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	5.6	9.5	10.3	10.4
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	5.4	8.2	8.8	8.6
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	4.9	7.2	7.7	7.0
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	4.3	5.9	6.4	5.6
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	3.9	4.6	5.0	4.7
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	4.0	3.7	3.5	4.9
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	4.1	2.7	1.9	3.8
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	5.1	2.3	1.3	2.6
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	8.1	2.6	1.0	1.4
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	11.3	2.5	0.4	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	11.6	2.2	0.5	0.7
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	6.9	1.2	0.5	1.2
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	1.2	ND	ND	1.2
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	ND
Coulter 1994	um	INORG MEAN				15.0
Coulter 1994	um	INORG MEDIAN				14.0
Coulter 1994	um	INORG MODE				15.0
Coulter 1994	um	INORG STD DEV				3.2
Coulter 1994	-	INORG SKEWNESS				0.3
Coulter 1994	-	INORG KURTOSIS				0.4

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	ORT15	ORT16	ORT18	ORT19
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	78.8	79.3	78.5	63.0
SM17 2540G	% of wet weight	TOTAL SOLIDS	21.2	20.7	21.5	37.0
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	25.1	19.9	19.9	6.7
SW846 9060	mg/kg	TOC	157000	136000	128000	29800
Folk 1994	% of dry volume	PERCENT SAND	34.6	18.0	31.2	56.4
Folk 1994	% of dry volume	PERCENT SILT	59.1	73.9	62.4	39.8
Folk 1994	% of dry volume	PERCENT CLAY	6.4	8.1	6.5	3.8
Folk 1994	% of dry volume	PERCENT MUD	65.5	82.0	68.9	43.6
Coulter 1994	um	MEAN	38.1	20.2	34.2	67.0
Coulter 1994	um	MEDIAN	31.6	19.5	25.9	104.0
Coulter 1994	um	MODE	19.8	18.0	18.0	185.0
Coulter 1994	um	STDDEV	5.19	3.38	5.29	4.73
Coulter 1994	-	SKEWNESS	0.31	-0.03	0.52	-0.38
Coulter 1994	-	KURTOSIS	-0.43	0.04	-0.02	-0.43
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	0.2	0.4	0.3	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.4	0.6	0.5	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.5	0.8	0.6	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.9	1.1	0.9	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	1.6	1.9	1.5	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	2.7	3.2	2.6	1.4
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	4.2	5.1	4.2	2.4
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	5.8	7.5	6.3	3.6
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	7.2	9.7	8.2	4.8
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	8.5	11.8	9.9	6.1
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	9.0	12.4	10.4	6.7
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	8.5	10.8	9.1	6.0
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	8.1	9.1	7.7	5.3
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	7.8	7.6	6.5	4.9
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	6.8	6.0	5.6	4.2
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	5.4	4.3	4.9	6.0
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	3.9	3.5	4.7	14.0
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	2.8	2.2	3.4	15.3
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	2.6	1.2	2.0	7.1
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	3.0	0.7	1.5	2.8
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	3.3	ND	1.4	1.7
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	3.5	ND	1.7	2.2
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	2.7	ND	2.4	2.2
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	0.6	ND	3.5	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	ND
Coulter 1994	um	INORG MEAN	9.0	13.0	15.0	
Coulter 1994	um	INORG MEDIAN	9.0	12.0	12.0	
Coulter 1994	um	INORG MODE	10.0	11.0	10.0	
Coulter 1994	um	INORG STD DEV	2.9	3.8	4.8	
Coulter 1994	-	INORG SKEWNESS	0.2	0.8	0.4	
Coulter 1994	-	INORG KURTOSIS	0.9	1.3	-0.4	

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	ORT19	ORT20	ORT21	ORT22
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	53.9	76.4	72.9	81.0
SM17 2540G	% of wet weight	TOTAL SOLIDS	46.1	23.6	27.1	19.0
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	5.8	19.8	18.1	19.5
SW846 9060	mg/kg	TOC	26700	110000	125000	138000
Folk 1994	% of dry volume	PERCENT SAND	56.0	25.2	73.6	29.5
Folk 1994	% of dry volume	PERCENT SILT	39.6	67.8	24.2	65.0
Folk 1994	% of dry volume	PERCENT CLAY	4.4	7.0	2.2	5.5
Folk 1994	% of dry volume	PERCENT MUD	44.0	74.8	26.4	70.5
Coulter 1994	um	MEAN	64.1	26.8	191.0	31.1
Coulter 1994	um	MEDIAN	107.0	22.8	334.0	27.0
Coulter 1994	um	MODE	185.0	18.0	825.0	19.8
Coulter 1994	um	STDDEV	4.94	4.28	5.54	4.19
Coulter 1994	-	SKEWNESS	-0.38	0.43	-0.78	0.32
Coulter 1994	-	KURTOSIS	-0.51	0.39	-0.31	0.26
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	0.3	ND	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.3	0.5	ND	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.5	0.7	ND	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.7	1.0	0.3	0.8
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	1.0	1.6	0.6	1.2
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	1.7	2.8	1.0	2.2
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	2.7	4.5	1.4	3.7
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	4.0	6.6	1.9	5.7
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	5.2	8.7	2.4	7.8
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	6.3	10.7	3.0	10.1
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	6.6	11.5	3.6	11.1
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	5.7	10.1	3.8	10.0
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	4.8	8.5	4.0	8.8
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	4.3	7.2	4.1	7.9
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	3.6	5.8	4.0	7.0
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	5.6	4.6	4.1	6.0
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	14.5	4.4	4.8	5.3
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	16.4	3.3	5.4	3.6
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	6.9	1.9	6.4	2.0
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	2.1	1.1	9.5	1.3
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	1.7	0.6	12.7	1.0
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	2.0	1.0	13.6	1.0
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	2.1	1.3	8.6	1.1
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	1.2	1.1	2.0	1.1
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	2.6	ND
Coulter 1994	um	INORG MEAN	66.0	15.0		
Coulter 1994	um	INORG MEDIAN	150.0	13.0		
Coulter 1994	um	INORG MODE	185.0	10.0		
Coulter 1994	um	INORG STD DEV	4.9	3.9		
Coulter 1994	-	INORG SKEWNESS	-1.1	0.3		
Coulter 1994	-	INORG KURTOSIS	-0.3	-0.5		

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	ORT22	ORT23	ORT24	ORT25
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	81.0	72.8	78.0	77.9
SM17 2540G	% of wet weight	TOTAL SOLIDS	19.0	27.2	22.0	22.1
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	17.3	20.4	25.3	27.5
SW846 9060	mg/kg	TOC	100000	140000	149000	157000
Folk 1994	% of dry volume	PERCENT SAND	30.4	69.8	77.6	79.3
Folk 1994	% of dry volume	PERCENT SILT	64.7	26.9	20.8	19.1
Folk 1994	% of dry volume	PERCENT CLAY	5.0	3.3	1.7	1.6
Folk 1994	% of dry volume	PERCENT MUD	69.7	30.2	22.5	20.7
Coulter 1994	um	MEAN	32.9	175.0	229.0	272.0
Coulter 1994	um	MEDIAN	28.9	351.0	402.0	511.0
Coulter 1994	um	MODE	19.8	825.0	905.0	905.0
Coulter 1994	um	STDDEV	4.13	6.64	5.15	5.16
Coulter 1994	-	SKEWNESS	0.29	-0.71	-0.91	-1.04
Coulter 1994	-	KURTOSIS	0.30	-0.69	-0.06	0.19
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	0.3	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.4	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.5	0.3	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.7	0.5	0.3	0.2
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	1.1	0.9	0.5	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	1.9	1.4	0.8	0.7
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	3.3	2.0	1.1	1.0
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	5.2	2.7	1.5	1.3
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	7.3	3.3	1.9	1.7
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	9.7	3.8	2.5	2.2
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	11.1	4.1	3.0	2.8
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	10.4	3.9	3.2	3.1
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	9.3	3.6	3.6	3.4
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	8.2	3.5	4.0	3.7
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	7.1	3.3	4.2	3.7
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	6.1	3.4	4.6	3.7
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	5.6	4.0	4.9	3.7
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	3.8	4.3	5.1	4.0
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	2.1	4.8	5.9	5.2
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	1.4	6.9	8.4	8.4
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	0.8	11.1	12.1	12.5
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	1.1	14.1	14.8	15.7
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	1.3	11.1	11.9	13.8
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	1.0	6.8	5.7	8.6
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	ND
Coulter 1994	um	INORG MEAN	15.0			
Coulter 1994	um	INORG MEDIAN	11.0			
Coulter 1994	um	INORG MODE	9.0			
Coulter 1994	um	INORG STD DEV	5.0			
Coulter 1994	-	INORG SKEWNESS	0.5			
Coulter 1994	-	INORG KURTOSIS	-0.5			

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	ORT26	ORT27	ORT28	ORT29
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	79.4	73.2	80.3	73.0
SM17 2540G	% of wet weight	TOTAL SOLIDS	20.6	26.8	19.7	27.0
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	24.9	25.2	25.3	20.4
SW846 9060	mg/kg	TOC	151000	146000	161000	128000
Folk 1994	% of dry volume	PERCENT SAND	74.5	28.8	76.5	41.1
Folk 1994	% of dry volume	PERCENT SILT	23.7	62.9	21.7	52.4
Folk 1994	% of dry volume	PERCENT CLAY	1.8	8.3	1.8	6.5
Folk 1994	% of dry volume	PERCENT MUD	25.5	71.2	23.5	58.9
Coulter 1994	um	MEAN	171.0	29.0	135.0	54.4
Coulter 1994	um	MEDIAN	264.0	25.6	193.0	38.5
Coulter 1994	um	MODE	623.0	18.0	324.0	2380.0
Coulter 1994	um	STDDEV	4.71	4.79	3.84	7.36
Coulter 1994	-	SKEWNESS	-0.82	0.35	-1.00	0.36
Coulter 1994	-	KURTOSIS	-0.11	-0.02	0.75	-0.75
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	0.3	ND	0.2
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	ND	0.6	ND	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	ND	0.8	ND	0.6
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.3	1.2	0.3	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.5	2.0	0.5	1.6
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	0.8	3.3	0.8	2.7
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	1.2	4.9	1.1	4.1
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	1.6	6.7	1.5	5.6
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	2.1	8.0	2.0	6.8
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	2.7	9.0	2.5	7.8
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	3.3	9.3	3.0	7.9
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	3.7	8.6	3.3	7.2
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	4.3	8.4	3.8	6.7
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	4.8	8.1	4.6	6.4
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	5.2	6.9	5.6	5.6
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	5.7	5.4	7.7	4.7
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	6.1	4.0	10.2	3.8
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	6.3	2.6	13.2	2.9
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	7.7	2.0	15.7	2.4
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	11.4	2.1	13.7	2.8
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	13.8	1.7	5.7	3.3
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	11.9	1.5	2.1	3.5
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	5.7	1.5	1.5	3.1
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	0.5	1.1	1.0	2.1
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	6.9
Coulter 1994	um	INORG MEAN		10.0		26.0
Coulter 1994	um	INORG MEDIAN		10.0		13.0
Coulter 1994	um	INORG MODE		12.0		2380.0
Coulter 1994	um	INORG STD DEV		4.0		11.8
Coulter 1994	-	INORG SKEWNESS		0.5		0.7
Coulter 1994	-	INORG KURTOSIS		1.2		-0.6

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	ORT30	ORT31	ORT32	ORT33
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	55.2	73.3	74.5	61.0
SM17 2540G	% of wet weight	TOTAL SOLIDS	44.8	26.7	25.5	39.0
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	5.5	19.6	20.5	7.3
SW846 9060	mg/kg	TOC	23200	123000	114000	41100
Folk 1994	% of dry volume	PERCENT SAND	62.8	73.8	72.7	53.3
Folk 1994	% of dry volume	PERCENT SILT	34.1	24.4	25.5	43.2
Folk 1994	% of dry volume	PERCENT CLAY	3.1	1.8	1.8	3.5
Folk 1994	% of dry volume	PERCENT MUD	37.2	26.2	27.3	46.7
Coulter 1994	um	MEAN	68.7	161.0	174.0	61.8
Coulter 1994	um	MEDIAN	112.0	191.0	253.0	76.6
Coulter 1994	um	MODE	154.0	2380.0	825.0	154.0
Coulter 1994	um	STDDEV	3.79	4.95	5.16	4.51
Coulter 1994	-	SKEWNESS	-0.82	-0.46	-0.68	-0.24
Coulter 1994	-	KURTOSIS	0.20	-0.04	-0.44	-0.20
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.2	ND	ND	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.3	ND	ND	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.5	0.3	0.3	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.8	0.5	0.5	0.8
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	1.3	0.7	0.8	1.2
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	2.0	1.0	1.2	2.0
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	2.9	1.5	1.8	3.2
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	3.8	1.9	2.3	4.5
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	4.8	2.6	3.0	6.2
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	5.4	3.3	3.7	7.4
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	5.2	3.8	4.0	7.3
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	5.1	4.6	4.5	6.6
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	5.1	5.6	4.9	6.0
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	5.8	6.2	5.0	5.8
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	12.2	7.3	5.5	9.5
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	20.4	8.5	6.1	14.4
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	14.9	8.5	5.9	9.7
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	5.6	8.7	6.2	3.7
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	2.0	9.8	8.6	2.5
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	0.5	8.6	11.5	2.0
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	0.7	5.8	12.3	2.4
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	0.7	2.3	8.3	2.5
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	ND	ND	3.2	1.0
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	8.0	0.2	ND
Coulter 1994	um	INORG MEAN				
Coulter 1994	um	INORG MEDIAN				
Coulter 1994	um	INORG MODE				
Coulter 1994	um	INORG STD DEV				
Coulter 1994	-	INORG SKEWNESS				
Coulter 1994	-	INORG KURTOSIS				

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	ORT33	ORT34	ORT35	ORT36
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	56.7	79.7	77.7	76.7
SM17 2540G	% of wet weight	TOTAL SOLIDS	43.3	20.3	22.3	23.3
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	7.6	23.7	23.5	28.5
SW846 9060	mg/kg	TOC	45200	166000	136000	166000
Folk 1994	% of dry volume	PERCENT SAND	55.0	31.7	73.9	67.6
Folk 1994	% of dry volume	PERCENT SILT	41.2	61.7	23.5	29.1
Folk 1994	% of dry volume	PERCENT CLAY	3.8	6.6	2.7	3.3
Folk 1994	% of dry volume	PERCENT MUD	45.0	68.3	26.2	32.4
Coulter 1994	um	MEAN	61.2	31.6	157.0	141.0
Coulter 1994	um	MEDIAN	85.0	28.6	240.0	251.0
Coulter 1994	um	MODE	154.0	18.0	391.0	751.0
Coulter 1994	um	STDDEV	4.49	4.37	5.23	6.00
Coulter 1994	-	SKEWNESS	-0.34	0.17	-0.74	-0.66
Coulter 1994	-	KURTOSIS	-0.24	-0.10	-0.05	-0.70
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	0.2	0.3	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.3	0.5	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.4	0.6	0.2	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.6	0.9	0.4	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.9	1.5	0.7	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	1.4	2.6	1.1	1.4
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	2.2	4.0	1.6	2.1
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	3.4	5.9	2.2	2.8
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	4.7	7.6	2.6	3.4
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	6.2	9.2	3.1	4.0
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	7.0	9.8	3.4	4.3
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	6.5	9.0	3.4	4.2
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	5.8	8.3	3.5	4.2
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	5.4	8.0	3.8	4.2
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	5.7	7.4	4.2	4.2
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	10.2	6.6	5.2	4.2
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	15.6	5.7	6.9	4.5
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	10.2	3.6	8.8	4.7
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	3.8	2.2	11.2	5.9
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	2.4	1.8	13.0	9.3
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	2.2	1.4	9.6	13.1
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	2.4	1.7	5.8	13.5
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	2.0	1.3	3.6	7.5
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	0.5	ND	2.7	0.9
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	3.0	ND
Coulter 1994	um	INORG MEAN	58.0	21.0		
Coulter 1994	um	INORG MEDIAN	124.0	14.0		
Coulter 1994	um	INORG MODE	154.0	9.0		
Coulter 1994	um	INORG STD DEV	4.7	5.7		
Coulter 1994	-	INORG SKEWNESS	-1.2	0.6		
Coulter 1994	-	INORG KURTOSIS	0.0	-0.3		

CEDAR AND ORTEGA RIVER BASIN ASSESSMENT
ANCILLARY MEASUREMENTS - SEDIMENT
(FIELD DATA)

		SITE_ID	ORT37	ORT38	ORT39	ORT39-1
ANAL_MET	**UNIT**	**PARAMETER**				
SM17 2540G	% of wet weight	PERCENT MOISTURE	79.2	79.9	79.1	80.1
SM17 2540G	% of wet weight	TOTAL SOLIDS	20.8	20.1	20.9	19.9
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	25.0	27.2	29.1	29.9
SW846 9060	mg/kg	TOC	146000	153000	179000	189000
Folk 1994	% of dry volume	PERCENT SAND	68.9	60.4	48.8	34.1
Folk 1994	% of dry volume	PERCENT SILT	28.8	35.6	45.9	58.6
Folk 1994	% of dry volume	PERCENT CLAY	2.3	3.9	5.3	7.4
Folk 1994	% of dry volume	PERCENT MUD	31.1	39.5	51.2	66.0
Coulter 1994	um	MEAN	102.0	98.5	60.9	36.2
Coulter 1994	um	MEDIAN	138.0	138.0	58.5	28.7
Coulter 1994	um	MODE	296.0	568.0	19.8	18.0
Coulter 1994	um	STDDEV	3.92	5.95	5.81	5.50
Coulter 1994	-	SKEWNESS	-0.84	-0.44	-0.05	0.34
Coulter 1994	-	KURTOSIS	0.33	-0.91	-0.83	-0.37
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	ND	ND	ND	0.3
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	ND	ND	0.3	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.2	0.3	0.5	0.7
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	0.4	0.6	0.8	1.1
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	0.6	1.0	1.3	1.8
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	0.9	1.7	2.2	2.9
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	1.3	2.5	3.3	4.4
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	1.8	3.5	4.5	6.1
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	2.4	4.4	5.5	7.6
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	3.1	5.1	6.4	8.9
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	3.9	5.4	6.9	9.3
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	4.5	5.1	6.5	8.2
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	5.4	4.9	6.4	7.4
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	6.4	4.8	6.5	6.8
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	7.4	4.6	6.3	5.9
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	8.8	4.6	6.3	5.1
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	10.3	5.0	5.9	4.8
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	11.7	5.5	5.0	3.5
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	12.9	7.1	4.7	2.7
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	11.0	10.0	5.5	2.6
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	4.5	10.6	5.4	2.3
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	1.6	8.6	4.9	2.6
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	0.8	4.2	3.4	2.8
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	ND	0.3	1.5	2.0
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND	ND	ND
Coulter 1994	um	INORG MEAN			12.0	14.0
Coulter 1994	um	INORG MEDIAN			12.0	11.0
Coulter 1994	um	INORG MODE			14.0	8.0
Coulter 1994	um	INORG STD DEV			3.4	4.6
Coulter 1994	-	INORG SKEWNESS			0.6	0.6
Coulter 1994	-	INORG KURTOSIS			1.7	0.2

		SITE_ID	ORT40	ORT41
ANAL_MET	**UNIT**	**PARAMETER**		
SM17 2540G	% of wet weight	PERCENT MOISTURE	84.1	83.1
SM17 2540G	% of wet weight	TOTAL SOLIDS	15.9	16.9
SM17 2540G	% of dry weight	TOTAL VOLATILE SOLIDS	28.2	27.7
SW846 9060	mg/kg	TOC	165000	216000
Folk 1994	% of dry volume	PERCENT SAND	35.1	44.2
Folk 1994	% of dry volume	PERCENT SILT	57.3	50.8
Folk 1994	% of dry volume	PERCENT CLAY	7.6	5.0
Folk 1994	% of dry volume	PERCENT MUD	64.9	55.8
Coulter 1994	um	MEAN	33.0	55.2
Coulter 1994	um	MEDIAN	30.7	46.3
Coulter 1994	um	MODE	18.0	19.8
Coulter 1994	um	STDDEV	4.73	5.88
Coulter 1994	-	SKEWNESS	0.11	0.18
Coulter 1994	-	KURTOSIS	-0.22	-0.65
Coulter 1994	% of tot. sed. vol.	VOL% 0-0.49 um	ND	ND
Coulter 1994	% of tot. sed. vol.	VOL% 0.49-0.69 um	0.4	0.2
Coulter 1994	% of tot. sed. vol.	VOL% 0.69-0.98 um	0.6	0.4
Coulter 1994	% of tot. sed. vol.	VOL% 0.98-1.38 um	0.8	0.5
Coulter 1994	% of tot. sed. vol.	VOL% 1.38-1.95 um	1.1	0.7
Coulter 1994	% of tot. sed. vol.	VOL% 1.95-2.76 um	1.8	1.2
Coulter 1994	% of tot. sed. vol.	VOL% 2.76-3.91 um	2.8	2.0
Coulter 1994	% of tot. sed. vol.	VOL% 3.91-5.52 um	4.2	3.1
Coulter 1994	% of tot. sed. vol.	VOL% 5.52-7.81 um	5.9	4.6
Coulter 1994	% of tot. sed. vol.	VOL% 7.81-11.0 um	7.3	6.0
Coulter 1994	% of tot. sed. vol.	VOL% 11.0-15.6 um	8.6	7.5
Coulter 1994	% of tot. sed. vol.	VOL% 15.6-22.1 um	8.8	8.1
Coulter 1994	% of tot. sed. vol.	VOL% 22.1-31.0 um	7.9	7.6
Coulter 1994	% of tot. sed. vol.	VOL% 31.0-44.0 um	7.3	7.1
Coulter 1994	% of tot. sed. vol.	VOL% 44.0-62.5 um	7.3	6.7
Coulter 1994	% of tot. sed. vol.	VOL% 62.5-88.0 um	7.5	6.3
Coulter 1994	% of tot. sed. vol.	VOL% 88.0-125 um	7.6	5.9
Coulter 1994	% of tot. sed. vol.	VOL% 125-177 um	6.7	5.8
Coulter 1994	% of tot. sed. vol.	VOL% 177-250 um	4.3	4.8
Coulter 1994	% of tot. sed. vol.	VOL% 250-350 um	2.6	3.7
Coulter 1994	% of tot. sed. vol.	VOL% 350-500 um	1.7	3.3
Coulter 1994	% of tot. sed. vol.	VOL% 500-710 um	1.0	3.0
Coulter 1994	% of tot. sed. vol.	VOL% 710-1000 um	1.6	3.3
Coulter 1994	% of tot. sed. vol.	VOL% 1000-1410 um	1.6	3.9
Coulter 1994	% of tot. sed. vol.	VOL% 1410-2000 um	0.7	4.2
Coulter 1994	% of tot. sed. vol.	VOL% 2000-2830 um	ND	ND
Coulter 1994	um	INORG MEAN		18.0
Coulter 1994	um	INORG MEDIAN		13.0
Coulter 1994	um	INORG MODE		12.0
Coulter 1994	um	INORG STD DEV		4.7
Coulter 1994	-	INORG SKEWNESS		0.9
Coulter 1994	-	INORG KURTOSIS		0.9

Appendix G. Elutriate Water Calcium, Magnesium, Potassium, Sodium and Conductivity Data

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
6010M - Sediment Elutriate Data

FIELD_ID	BOL04A	BUCK03A	CO06A	HSP05A	JUL02A	LSJ01A	LSJ02A
BOS_ID	Z5488	Z5503	Z5494	Z5491	Z5500	Z1610	Z1613
BATCH_ID	97-14	97-14	97-14	97-14	97-14	96-51	96-51
MATRIX	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate
ANAL_MET	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD
UNIT	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PARAMETER							
Calicum	108000	91200	138000	156000	54200	86500	129000
Magnesium	127000	90500	197000	280000	26600	133000	195000
Potassium	34400	18300	52800	85100	6690	34300	44100
Sodium	904000	655000	1440000	2240000	98600	967000	1390000
Conductivity (umhoms/cm)	5900	4250	7430	12900	990	5830	8380
Method	9050-MOD	9050-MOD	9050-MOD	9050-MOD	9050-MOD	120	120

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
6010M - Sediment Elutriate Data

FIELD_ID	LSJ03A	LSJ04A	LSJ05A	LSJ06A	LSJ07A	LSJ08A	LSJ09A
BOS_ID	Z0933	Z0935	Z0937	Z0939	Z0941	Z0943	Z0945
BATCH_ID	96-39	96-39	96-39	96-39	96-39	96-39	96-39
MATRIX	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate
ANAL_MET	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD
UNIT	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PARAMETER							
Calicum	136000	71700	133000	94600	87600	85300	64500
Magnesium	124000	131000	97200	114000	88700	77000	51700
Potassium	33600	42600	23800	34100	24400	18800	13000
Sodium	1010000	1080000	596000	895000	625000	506000	325000
Conductivity (umhoms/cm)	6350	6350	4160	5540	4270	3460	2190
Method	120	120	120	120	120	120	120

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
6010M - Sediment Elutriate Data

FIELD_ID	LSJ11A	LSJ12A	LSJ13A	LSJ14A	LSJ15A	LSJ16A	LSJ17A
BOS_ID	Z0949	Z0951	Z0863	Z0866	Z0869	Z0872	Z0861
BATCH_ID	96-39	96-39	96-39	96-39	96-39	96-39	96-39
MATRIX	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate
ANAL_MET	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD
UNIT	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PARAMETER							
Calicum	75000	65000	103000	67900	87900	53600	53200
Magnesium	78300	41600	50700	44200	37700	42200	22200
Potassium	18300	11800	12500	10700	8800	9220	5990
Sodium	525000	260000	403000	238000	258000	225000	127000
Conductivity (umhoms/cm)	3460	1910	2710	1730	2030	1620	1040
Method	120	120	120	120	120	120	120

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
6010M - Sediment Elutriate Data

FIELD_ID	LSJ18A	LSJ19A	LSJ20A	LSJ21A	LSJ22A	LSJ23A	LSJ24A
BOS_ID	Z0851	Z0853	Z0855	Z0857	Z0859	Z1254	Z1257
BATCH_ID	96-39	96-39	96-39	96-39	96-39	96-43	96-43
MATRIX	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate
ANAL_MET	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD
UNIT	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PARAMETER							
Calicum	60000	56300	46800	65400	52600	49100	66200
Magnesium	20900	25500	15600	19200	16000	19300	23200
Potassium	4520	6660	4460	4700	4310	5050	4810
Sodium	110000	113000	90600	95600	86800	83800	87500
Conductivity (umhoms/cm)	904	983	757	881	768	833	959
Method	120	120	120	120	120	120	120

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
6010M - Sediment Elutriate Data

FIELD_ID	LSJ25A	LSJ26A	LSJ27A	LSJ28A	LSJ29A	LSJ30A	LSJ31A
BOS_ID	Z1240	Z1243	Z1246	Z1616	Z1589	Z1592	Z1604
BATCH_ID	96-43	96-43	96-43	96-51	96-51	96-51	96-51
MATRIX	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate
ANAL_MET	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD
UNIT	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PARAMETER							
Calicum	75600	42600	72200	82300	93100	74200	74000
Magnesium	24100	14100	22000	21100	20200	15000	16800
Potassium	5490	3550	4700	4570	3900	3080	6820
Sodium	87800	71600	82500	93100	80700	77900	76700
Conductivity (umhoms/cm)	1010	1140	928	912	891	711	530
Method	120	120	120	120	120	120	120

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
6010M - Sediment Elutriate Data

FIELD_ID	LSJ32A	LSJ33A	LSJ35A	LSJ36A	LSJ37A	LSJ39A	LSJ40A
BOS_ID	Z1595	Z1607	Z1195	Z1197	Z1199	Z1201	Z1204
BATCH_ID	96-51	96-51	96-43	96-43	96-43	96-43	96-43
MATRIX	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate
ANAL_MET	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD
UNIT	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PARAMETER							
Calicum	95200	62600	77700	47300	56200	43700	87600
Magnesium	20800	12300	25300	15200	17500	13600	19600
Potassium	3850	5050	4630	3740	5890	4230	6150
Sodium	92600	77400	90900	82200	91500	75400	77800
Conductivity (umhoms/cm)	955	530	1010	791	843	422	938
Method	120	120	120	120	120	120	120

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
6010M - Sediment Elutriate Data

FIELD_ID	LSJRC01A	LSJRC02A	LSJRC03A	LSJRC04A	LSJRC05A	LSJRC06A	LSJRC07A
BOS_ID	Z2490	Z2493	Z2499	Z2496	Z2502	Z2505	Z2508
BATCH_ID	96-72	96-72	96-72	96-72	96-72	96-72	96-72
MATRIX	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate
ANAL_MET	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD
UNIT	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PARAMETER							
Calicum	54800	105000	83000	64000	48200	74200	41500
Magnesium	12300	25700	18100	16300	8280	16700	8180
Potassium	2870	5350	3460	3810	2640	4550	2610
Sodium	91000	82600	97400	97100	64500	112000	69100
Conductivity (umhoms/cm)	734	1180	979	918	561	1080	520
Method	9050-MOD	9050-MOD	9050-MOD	9050-MOD	9050-MOD	9050-MOD	9050-MOD

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
6010M - Sediment Elutriate Data

FIELD_ID	LSJRC08A	LSJRC09A	LSJRC10A	LSJRC11A	LSJRC12A	LSJRC13A	LSJRC14A
BOS_ID	Z2510	Z2512	Z2514	Z2557	Z2560	Z2563	Z2566
BATCH_ID	96-72	96-72	96-72	96-72	96-72	96-72	96-72
MATRIX	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate
ANAL_MET	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD
UNIT	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PARAMETER							
Calicum	85400	64500	63000	70300	66600	61000	72200
Magnesium	23300	18400	13700	17300	14300	14500	17300
Potassium	5480	3930	2870	3040	5090	3260	3640
Sodium	109000	94300	88300	97700	92800	90600	96500
Conductivity (umhoms/cm)	1140	877	734	918	1070	867	918
Method	9050-MOD	9050-MOD	9050-MOD	9050-MOD	9050-MOD	9050-MOD	9050-MOD

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
6010M - Sediment Elutriate Data

FIELD_ID	LSJRC15A	LSJRC16A	LSJRC17A	LSJRC18A	LSJRC19A	LSJRC20A	MOC07A
BOS_ID	Z2572	Z2575	Z2569	Z2581	Z2577	Z2579	Z5506
BATCH_ID	96-72	96-72	96-72	96-72	96-72	96-72	97-14
MATRIX	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate
ANAL_MET	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD
UNIT	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PARAMETER							
Calicum	89200	75100	82700	51400	90200	86100	71700
Magnesium	22000	18800	19800	14400	24300	23600	49600
Potassium	3880	3580	4080	4440	4820	4290	12200
Sodium	105000	95800	75100	105000	99400	100000	341000
Conductivity (umhoms/cm)	1100	968	897	867	1140	1070	2440
Method	9050-MOD	9050-MOD	9050-MOD	9050-MOD	9050-MOD	9050-MOD	9050-MOD

LOWER ST. JOHNS RIVER ASSESSMENT
FIELD SAMPLE DATA
6010M - Sediment Elutriate Data

FIELD_ID	NASCP01A	NASAM01A	ORG01A	ORG01A-DUP	PA32A	PP61A	RCCP02
BOS_ID	Z5573	Z5576	Z5497	Z5497DUP	Z1598	Z1601	Z5579
BATCH_ID	97-14	97-14	97-14	97-14	96-51	96-51	97-14
MATRIX	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate
ANAL_MET	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD
UNIT	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PARAMETER							
Calicum	80700	67800	70600	64500	65800	55400	45400
Magnesium	46400	88900	25700	23800	15100	19500	8380
Potassium	12400	23000	5500	5540	3090	4750	7870
Sodium	276000	433000	118000	105000	80900	95100	299000
Conductivity (umhoms/cm)	2230	2980	1110	1110	711	796	1750
Method	9050-MOD	9050-MOD	9050-MOD	9050-MOD	120	120	9050-MOD

CEDAR ORTEGA RIVER BASIN ASSESSMENT
FIELD SAMPLE DATA
6010M - Sediment Elutriate Data

FIELD_ID	CED01A	CED02A	CED06A	CED07A	CED08A	CED09A
BOS_ID	Y0839	Y0841	Y1525	Y1528	Y0842	Y0844
BATCH_ID	98-31	98-31	98-31	98-31	98-31	98-31
MATRIX	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate
ANAL_MET	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD
UNIT	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PARAMETER						
Calicum	52500	63500	71300	53800	52500	41900
Magnesium	55300	72800	42200	51100	40800	42400
Potassium	15900	23700	16400	25700	14800	14200
Sodium	358000	572000	301000	473000	208000	241000
Conductivity (umhoms/cm)	2450	3340	1930	678	1560	1550
Method	9050-MOD	9050-MOD	9050-MOD	9050-MOD	9050-MOD	9050-MOD

CEDAR ORTEGA RIVER BASIN ASSESSMENT
FIELD SAMPLE DATA
6010M - Sediment Elutriate Data

FIELD_ID	ORT08A	ORT15A	ORT21A	ORT23A	ORT25A	ORT25A-DUP
BOS_ID	Y0846	Y0849	Y1531	Y1516	Y1537	Y1537DUP
BATCH_ID	98-31	98-31	98-31	98-31	98-31	98-31
MATRIX	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate
ANAL_MET	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD
UNIT	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PARAMETER						
Calicum	75600	40400	52600	69500	52600	50900
Magnesium	112000	52800	60500	65300	50500	48900
Potassium	32700	18600	27300	27700	17800	17400
Sodium	869000	368000	541000	571000	327000	327000
Conductivity (umhoms/cm)	5100	2160	3160	3280	2060	1990
Method	9050-MOD	9050-MOD	9050-MOD	9050-MOD	9050-MOD	9050-MOD

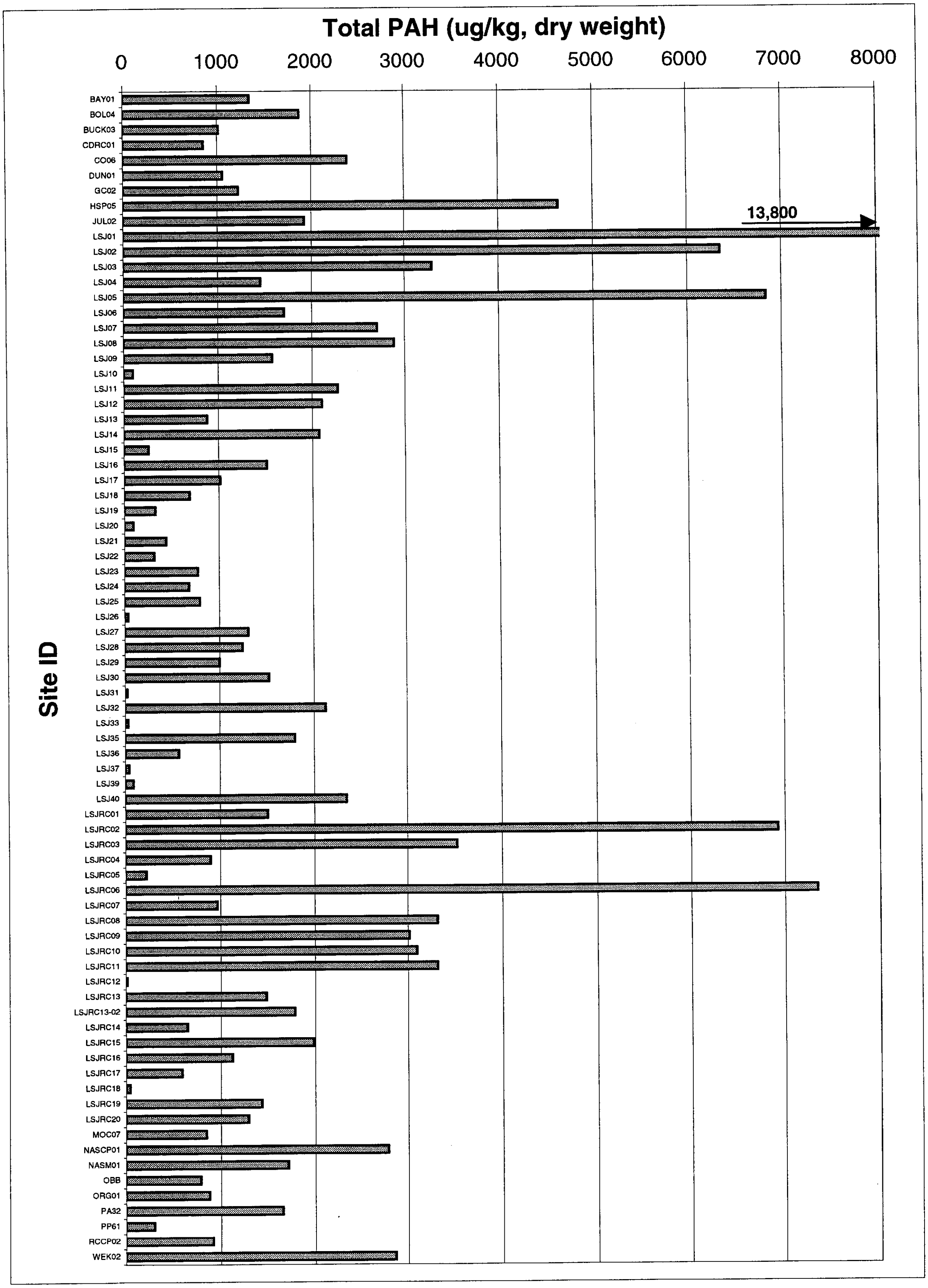
CEDAR ORTEGA RIVER BASIN ASSESSMENT
FIELD SAMPLE DATA
6010M - Sediment Elutriate Data

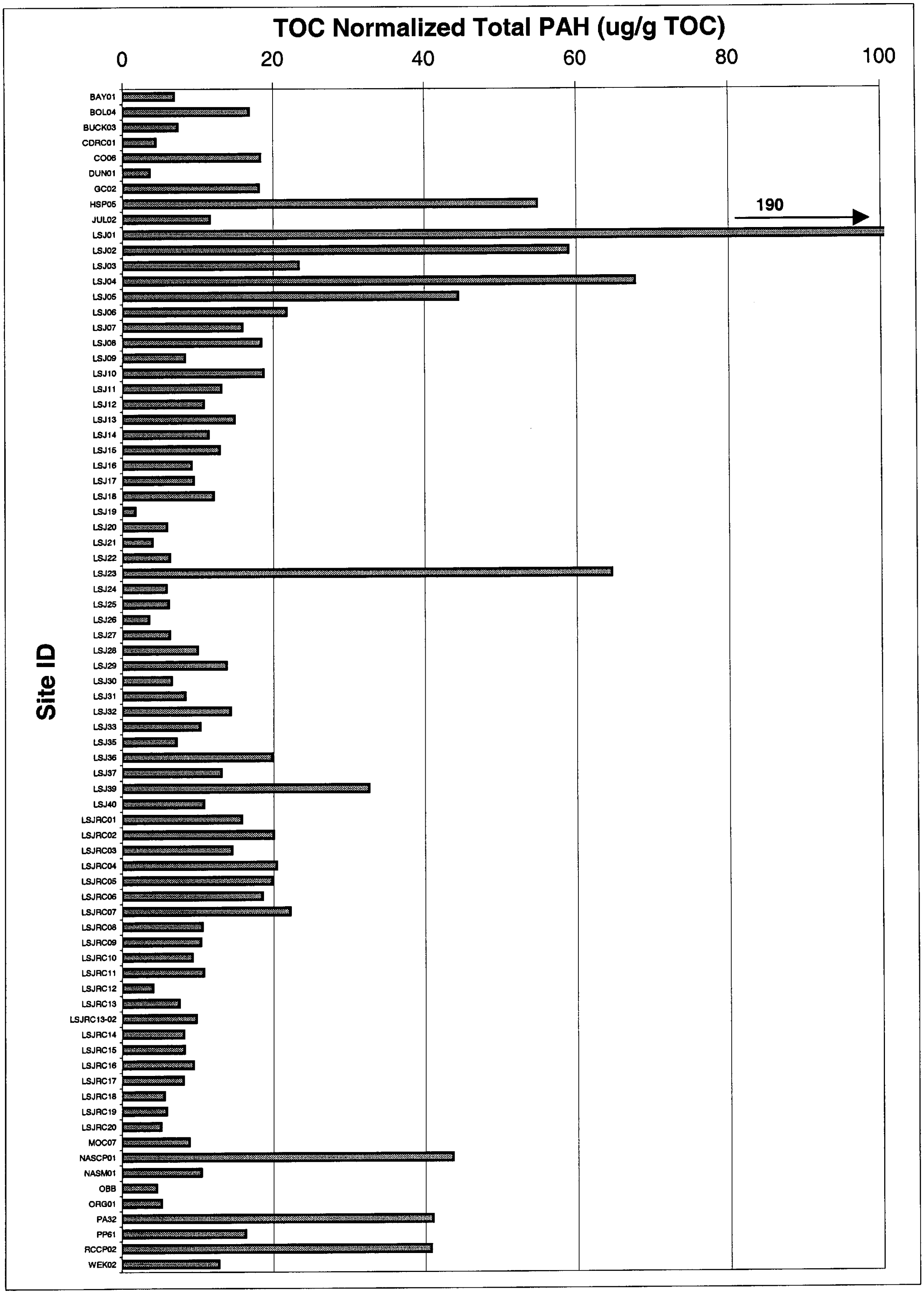
FIELD_ID	ORT26A	ORT27A	ORT28A	ORT29A	ORT31A	ORT32A
BOS_ID	Y1540	Y0852	Y1543	Y0855	Y1546	Y1549
BATCH_ID	98-31	98-31	98-31	98-31	98-31	98-31
MATRIX	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate	Elutriate
ANAL_MET	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD	6010-MOD
UNIT	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PARAMETER						
Calicum	47000	65800	36400	60900	63700	61200
Magnesium	62900	93800	46300	52700	59800	105000
Potassium	25900	27700	19200	20500	27900	36300
Sodium	499000	705000	344000	394000	513000	868000
Conductivity (umhoms/cm)	2820	4020	2000	2550	5100	4740
Method	9050-MOD	9050-MOD	9050-MOD	9050-MOD	9050-MOD	9050-MOD

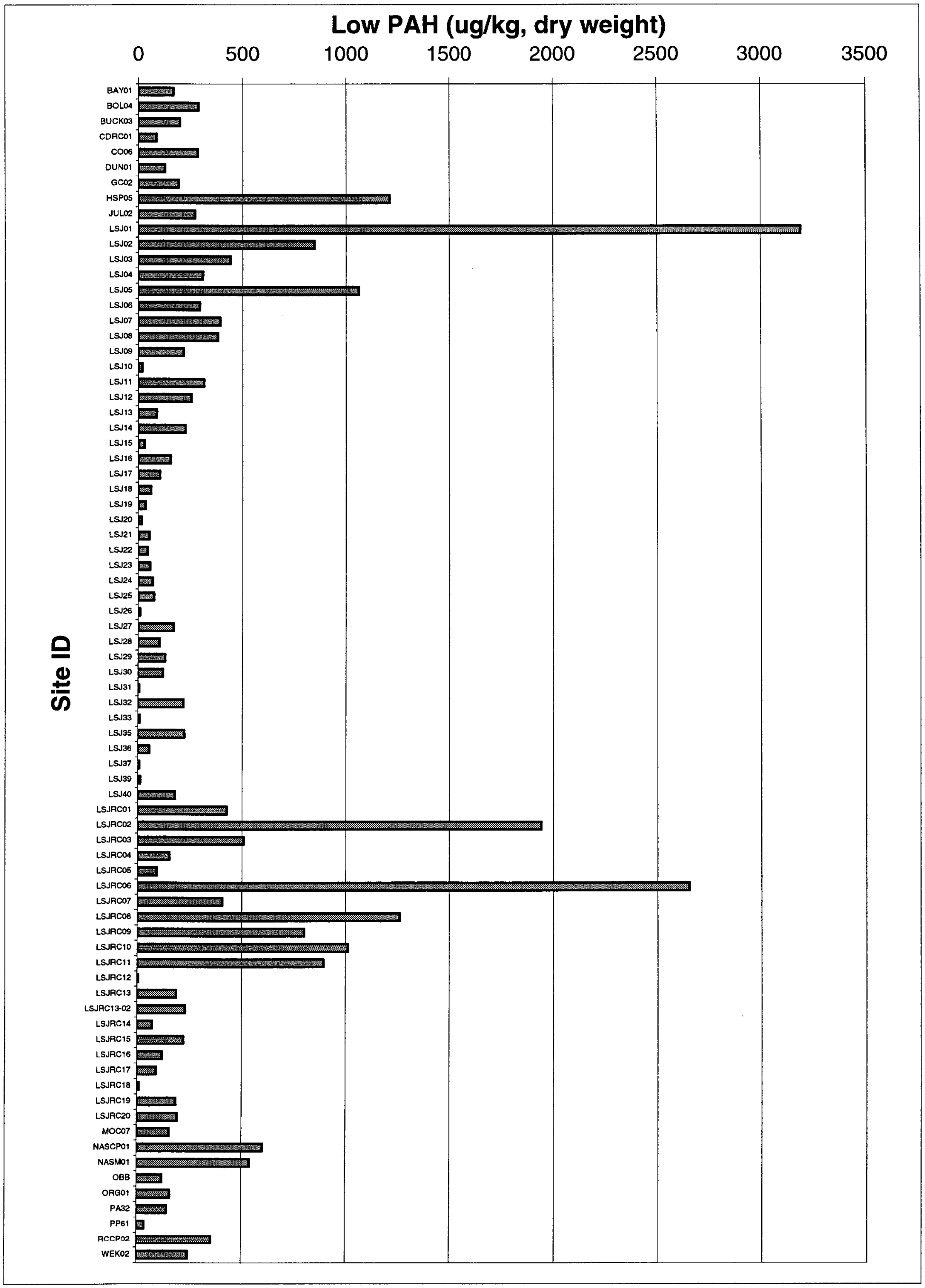
CEDAR ORTEGA RIVER BASIN ASSESSMENT
FIELD SAMPLE DATA
6010M - Sediment Elutriate Data

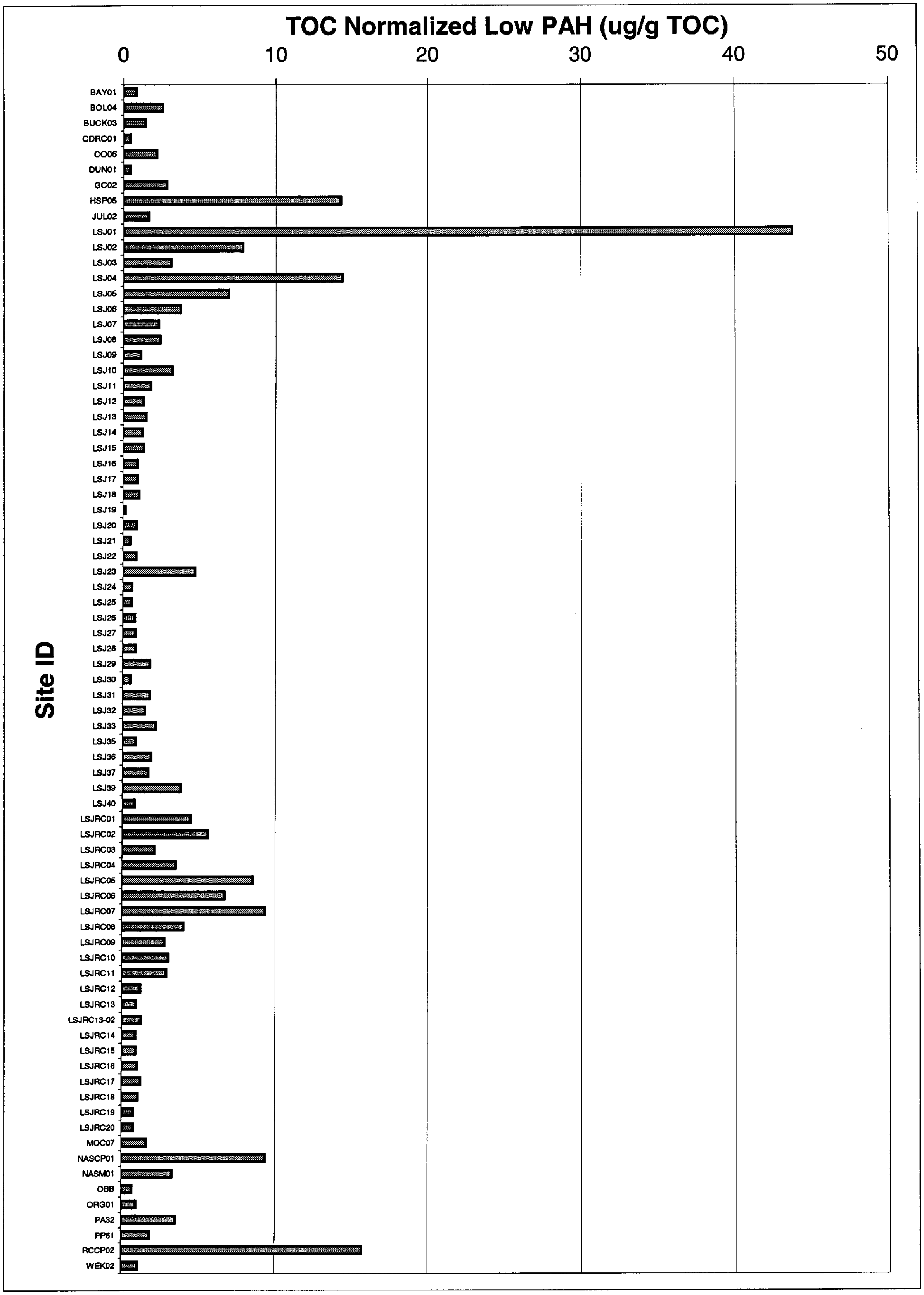
FIELD_ID	ORT35A	ORT36A	ORT37A	ORT39A
BOS_ID	Y1519	Y1552	Y1522	Y0837
BATCH_ID	98-31	98-31	98-31	98-31
MATRIX	Elutriate	Elutriate	Elutriate	Elutriate
ANAL_MET	6010-MOD	6010-MOD	6010-MOD	6010-MOD
UNIT	ug/L	ug/L	ug/L	ug/L
PARAMETER				
Calicum	54900	62800	48900	78900
Magnesium	56300	77300	58300	97400
Potassium	22600	24900	21400	29100
Sodium	453000	564000	472000	699000
Conductivity (umhoms/cm)	2710	3390	2820	4220
Method	9050-MOD	9050-MOD	9050-MOD	9050-MOD

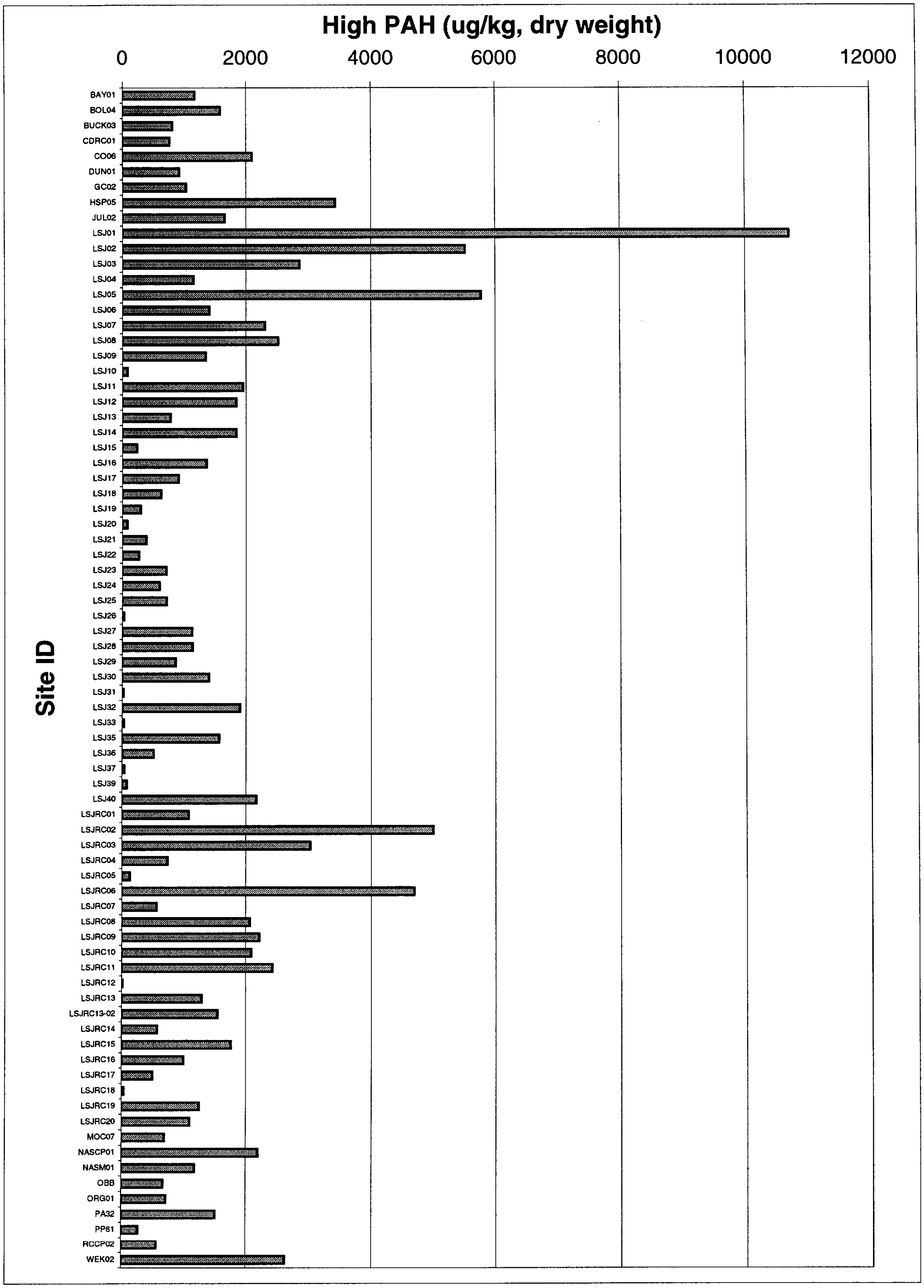
Appendix H. Charts with Organic Contaminant Concentration Data


Total PAH (ug/kg, dry weight)
0
1000
2000
3000
4000
5000
6000
7000
8000
13,800
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

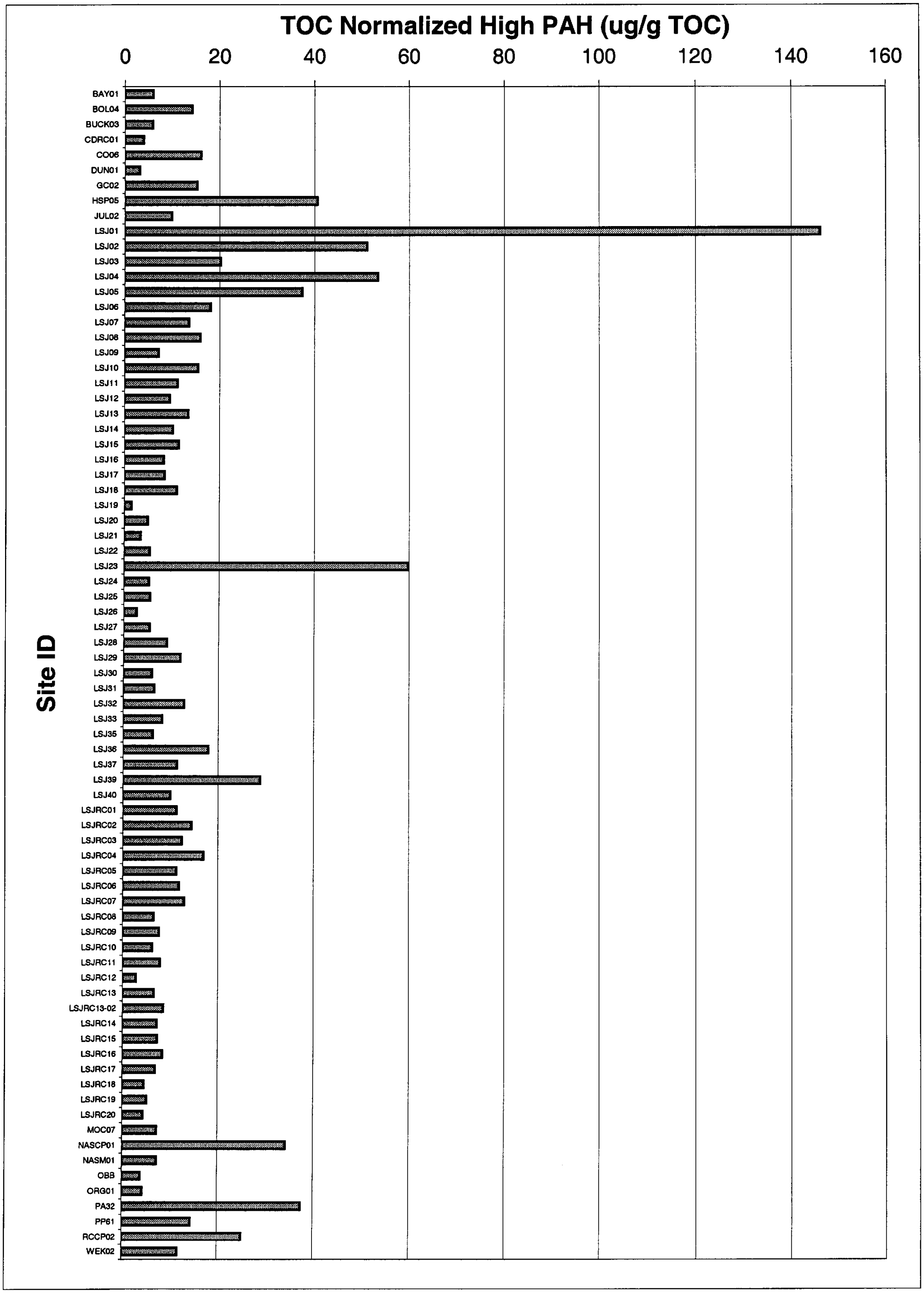

TOC Normalized Total PAH (ug/g TOC)
0
20
40
60
80
100
190
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

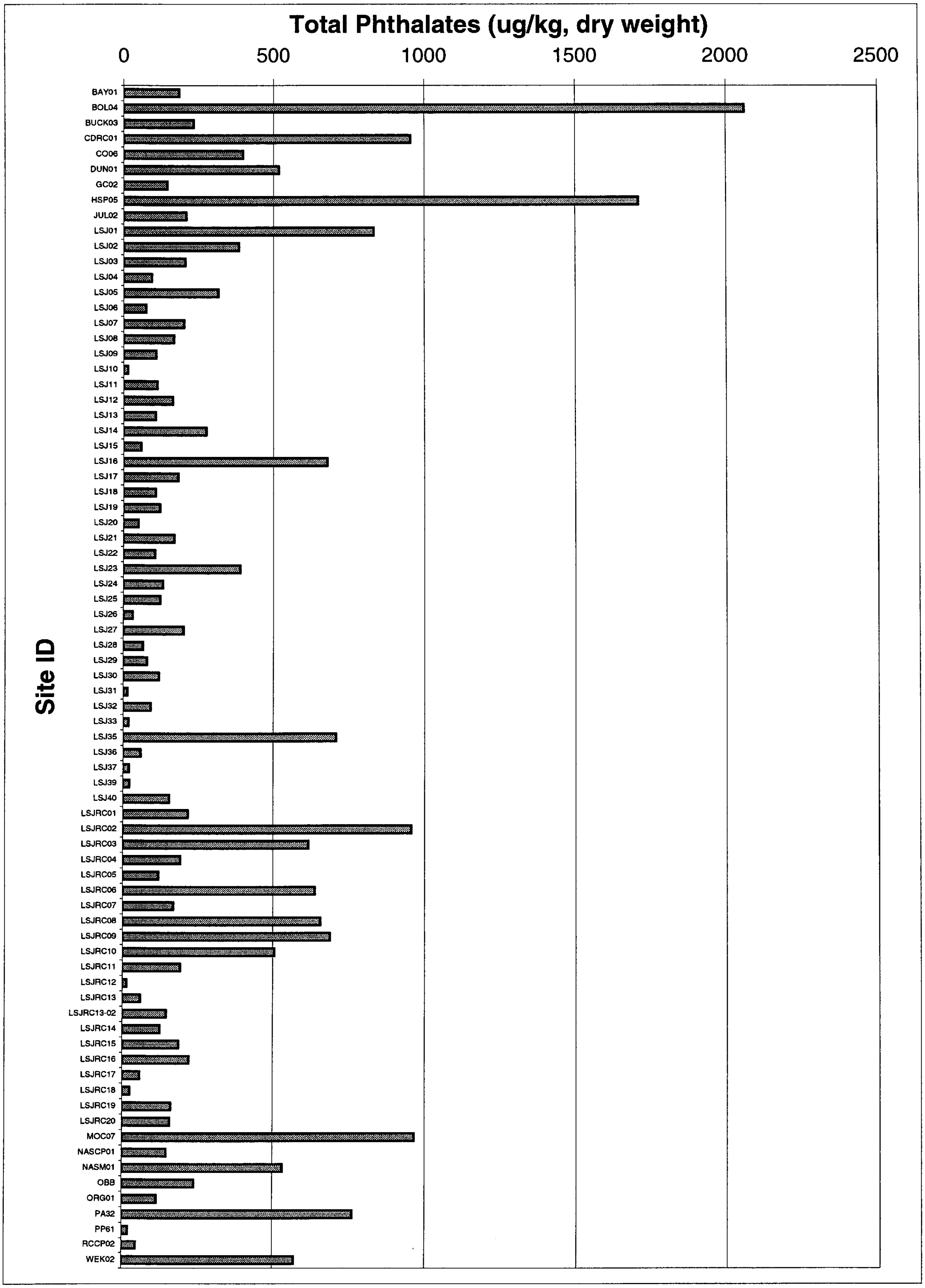

Low PAH (ug/kg, dry weight)
0
500
1000
1500
2000
2500
3000
3500
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

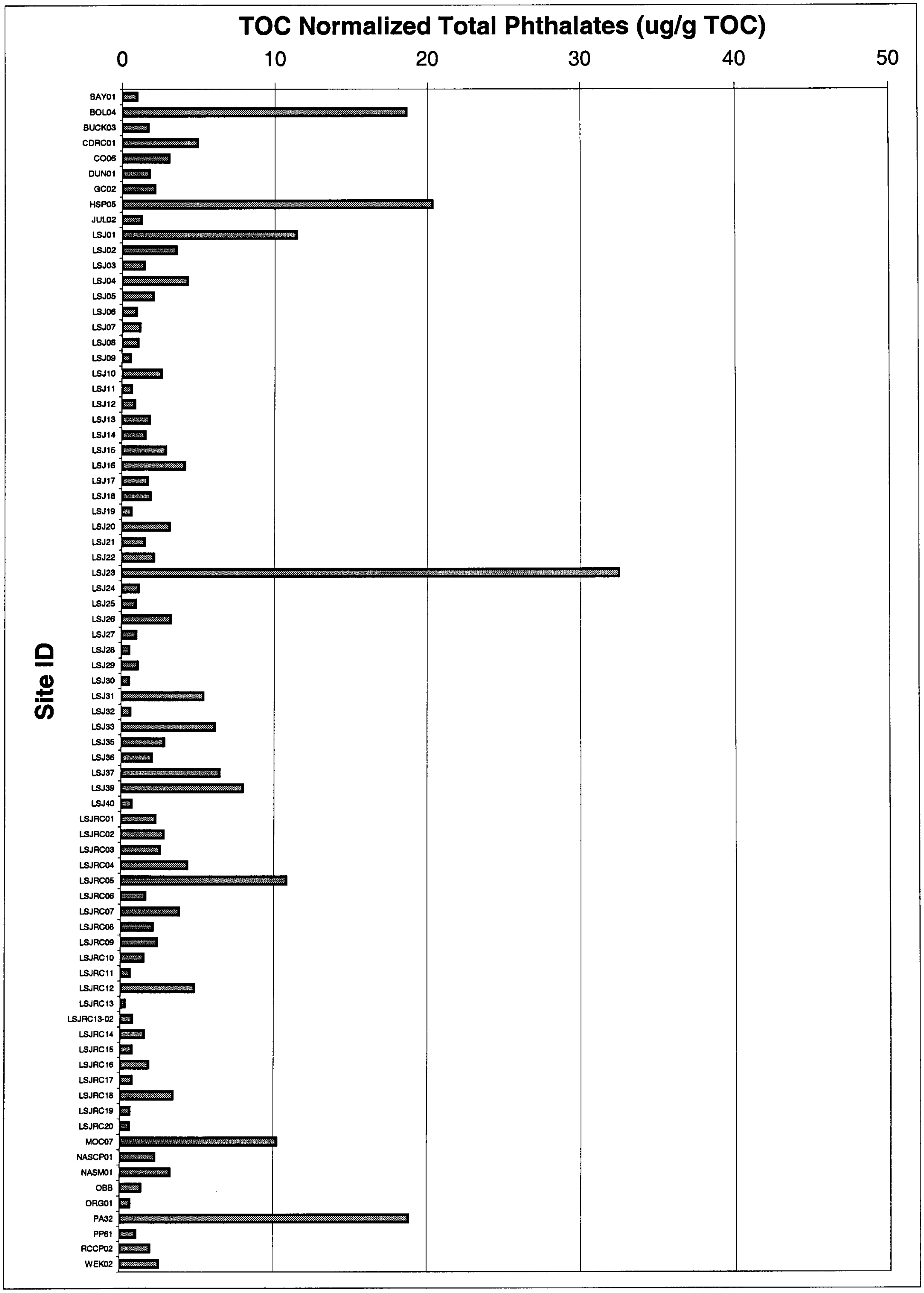

TOC Normalized Low PAH (ug/g TOC)
0
10
20
30
40
50
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



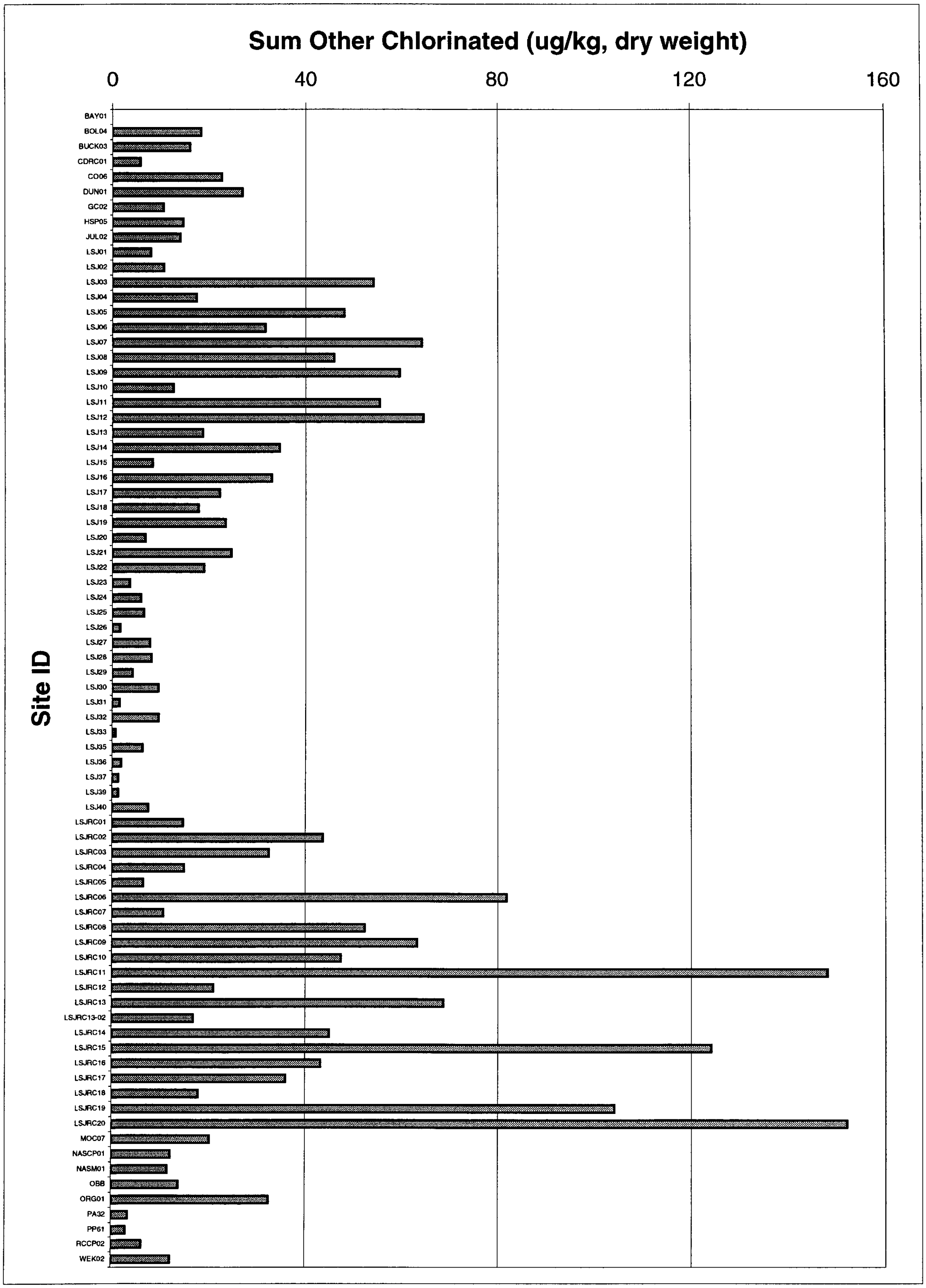
High PAH (ug/kg, dry weight)
0
2000
4000
6000
8000
10000
12000
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

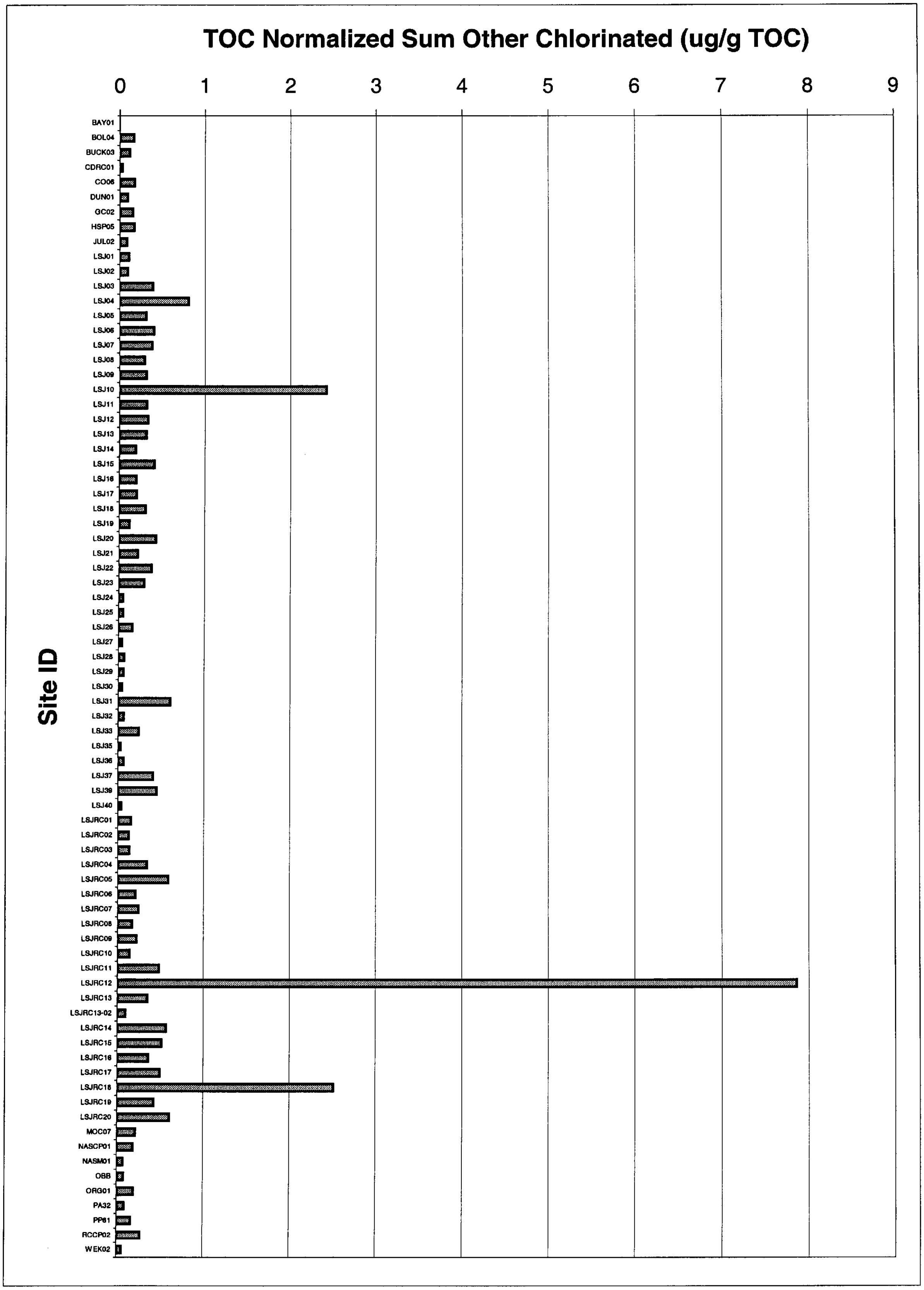

TOC Normalized High PAH (ug/g TOC)
0
20
40
60
80
100
120
140
160
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02


Total Phthalates (ug/kg, dry weight)
0
500
1000
1500
2000
2500
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

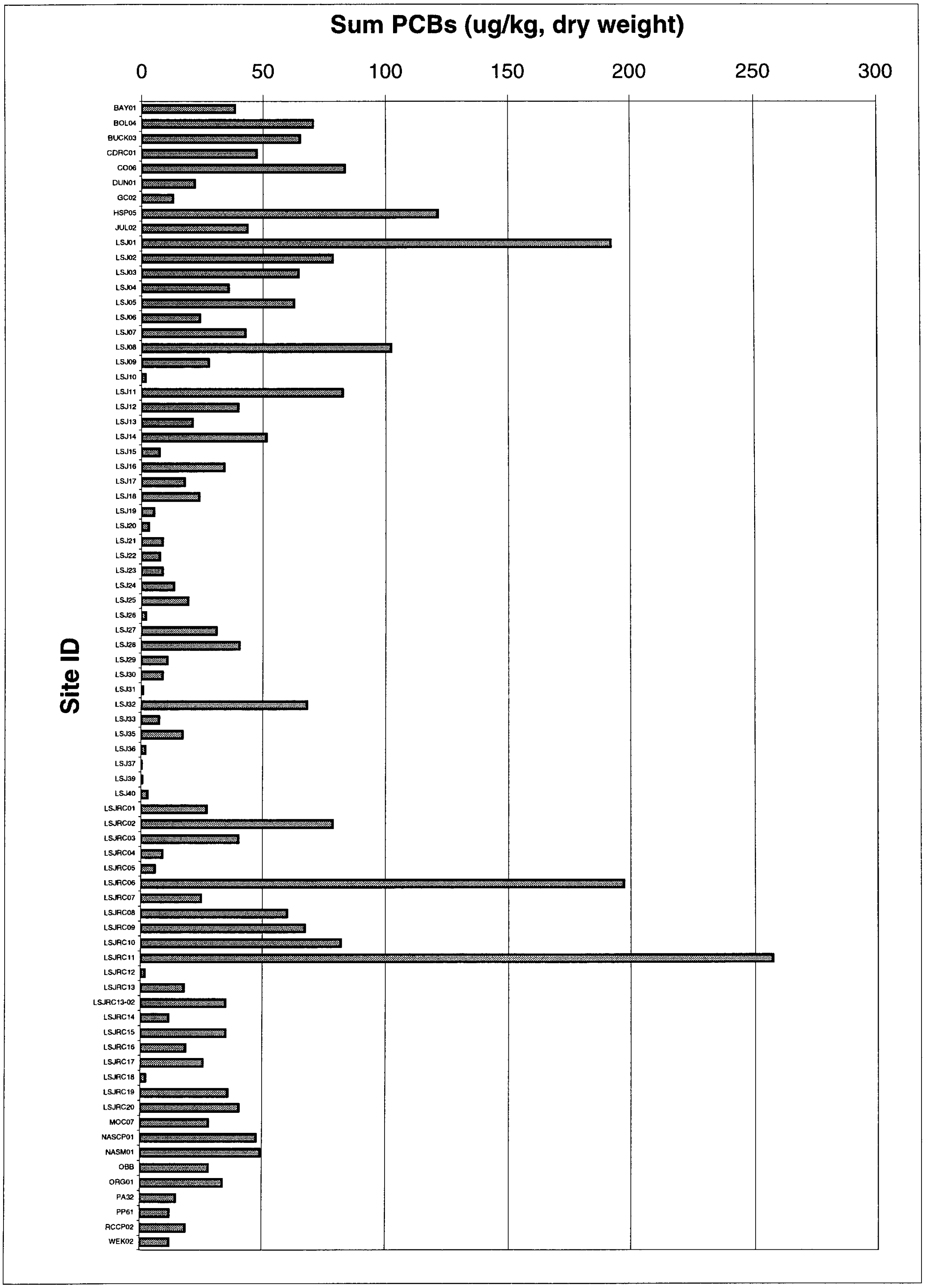


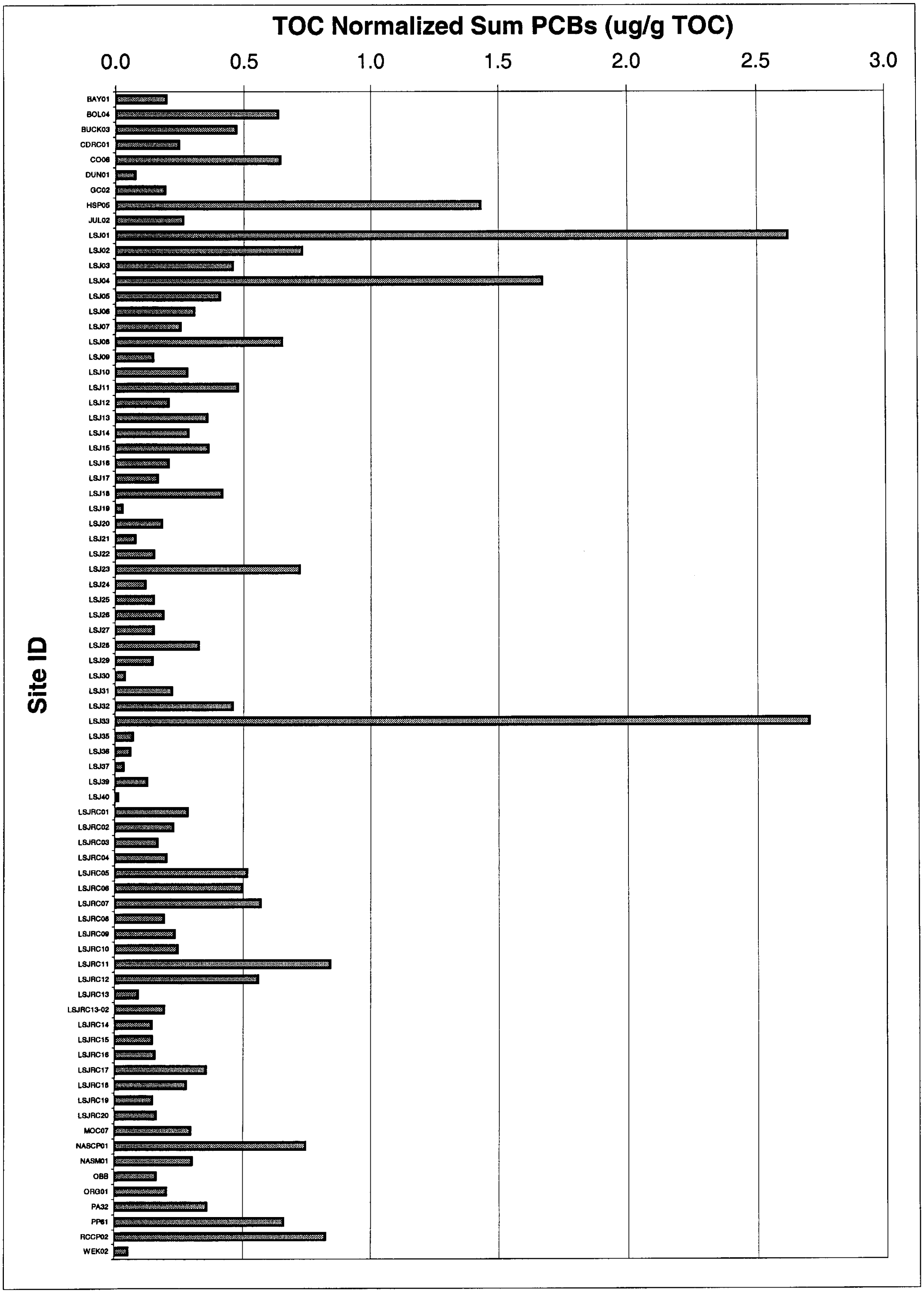
TOC Normalized Total Phthalates (ug/g TOC)
0
10
20
30
40
50
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

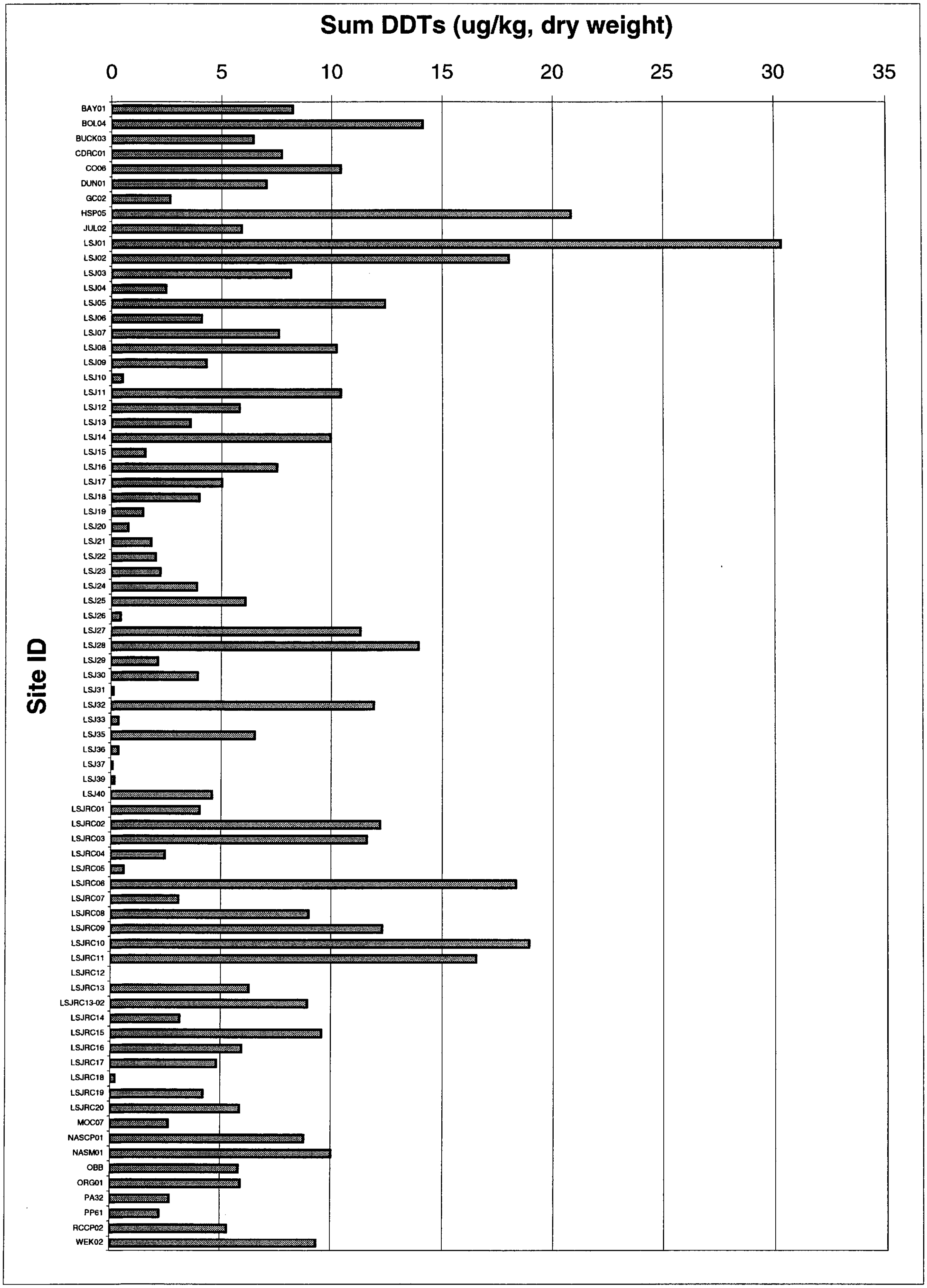

Sum Other Chlorinated (ug/kg, dry weight)
0
40
80
120
160
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OB8
ORG01
PA32
PP61
RCCP02
WEK02

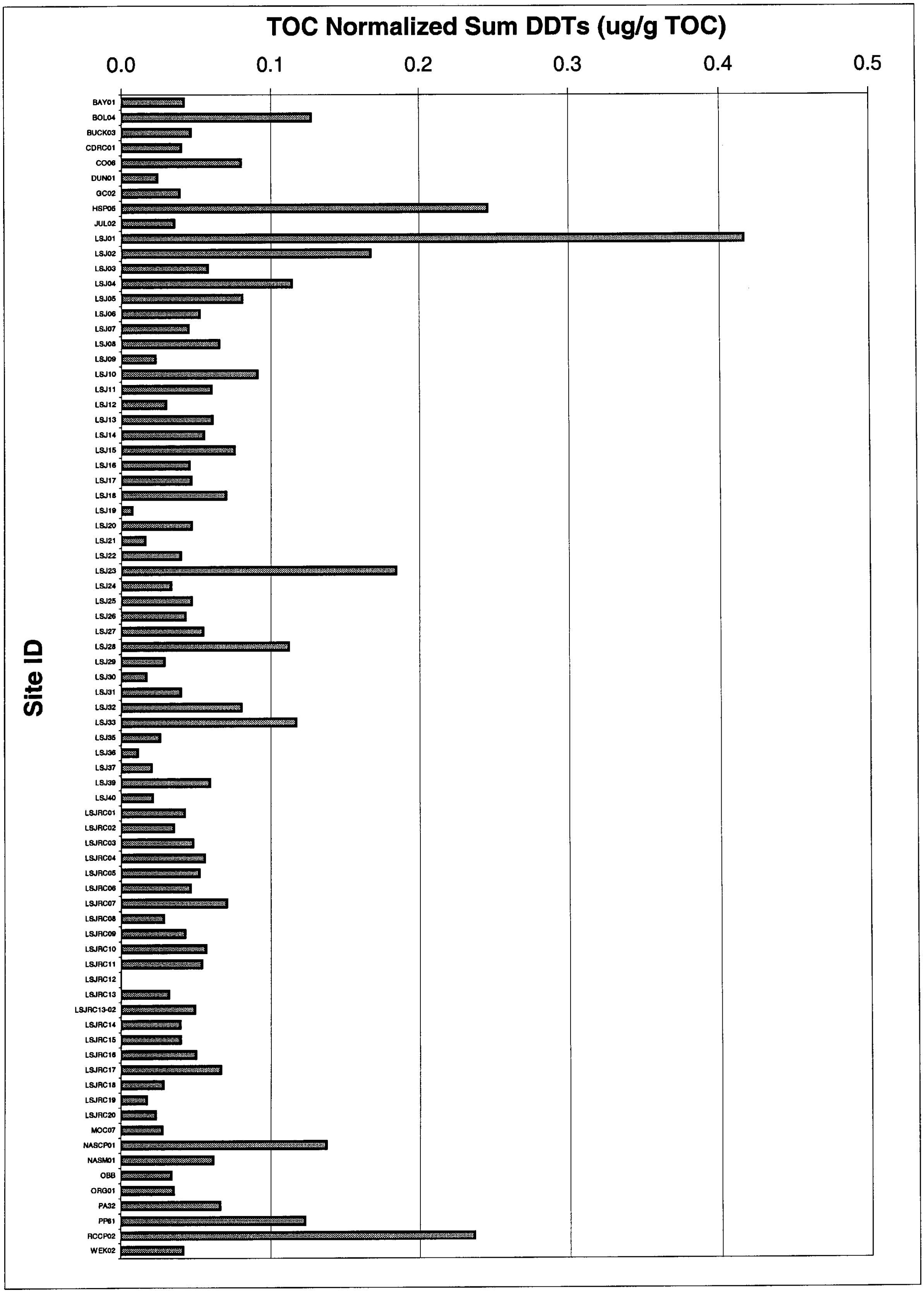


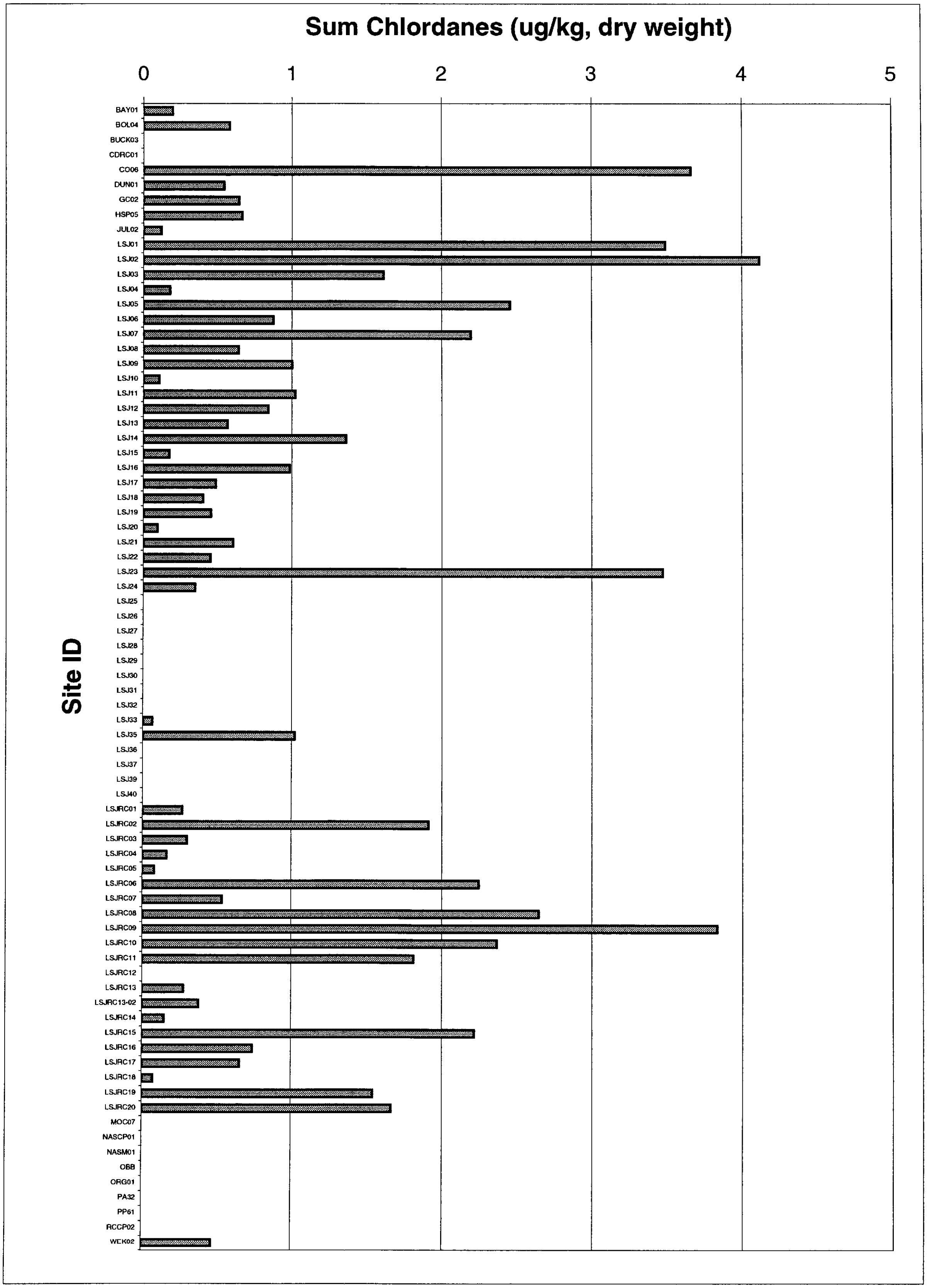
TOC Normalized Sum Other Chlorinated (ug/g TOC)
0
1
2
3
4
5
6
7
8
9
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02


Sum PCBs (ug/kg, dry weight)
0
50
100
150
200
250
300
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

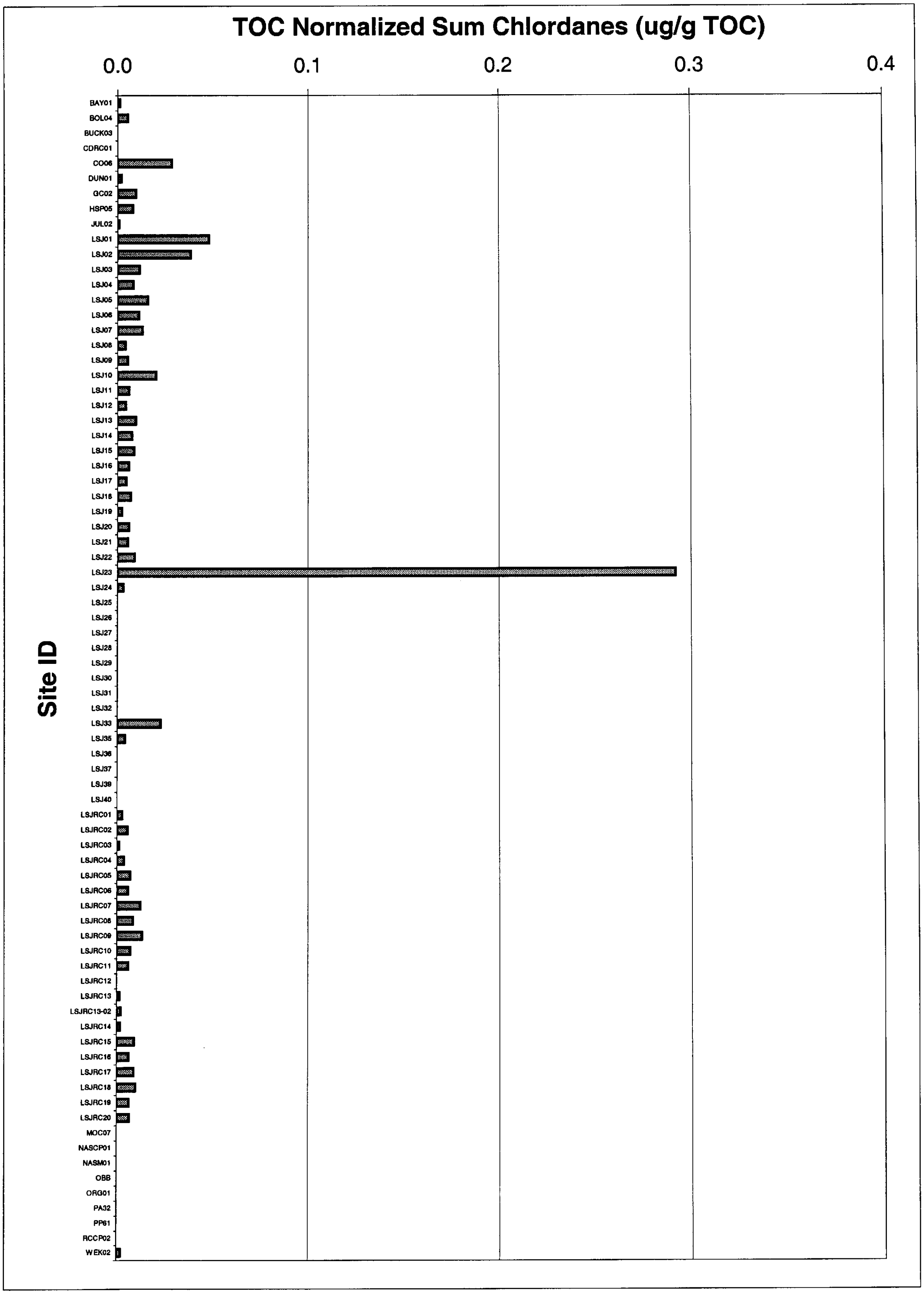

TOC Normalized Sum PCBs (ug/g TOC)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02


Sum DDTs (ug/kg, dry weight)
0
5
10
15
20
25
30
35
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

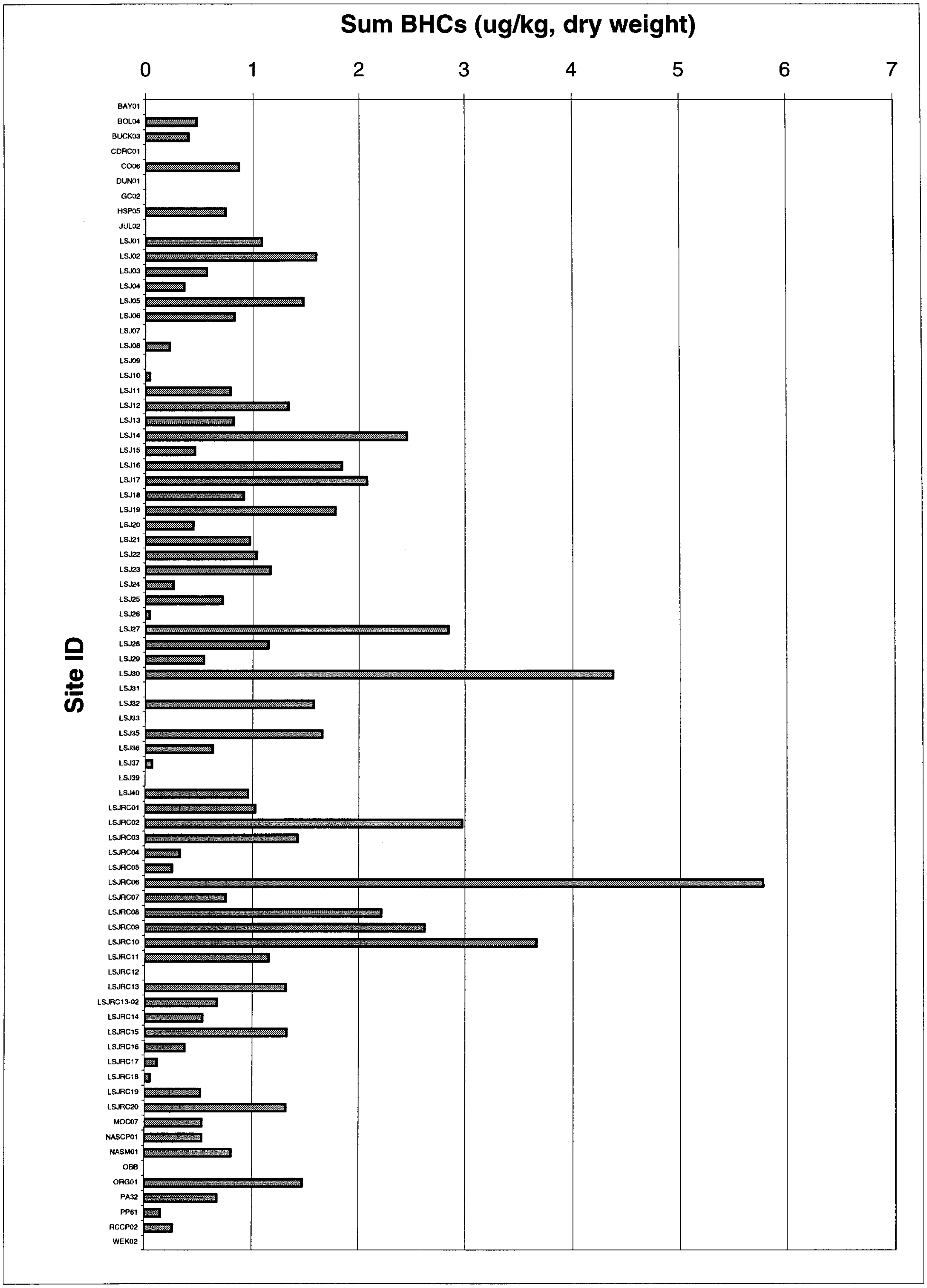

TOC Normalized Sum DDTs (ug/g TOC)
0.0
0.1
0.2
0.3
0.4
0.5
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



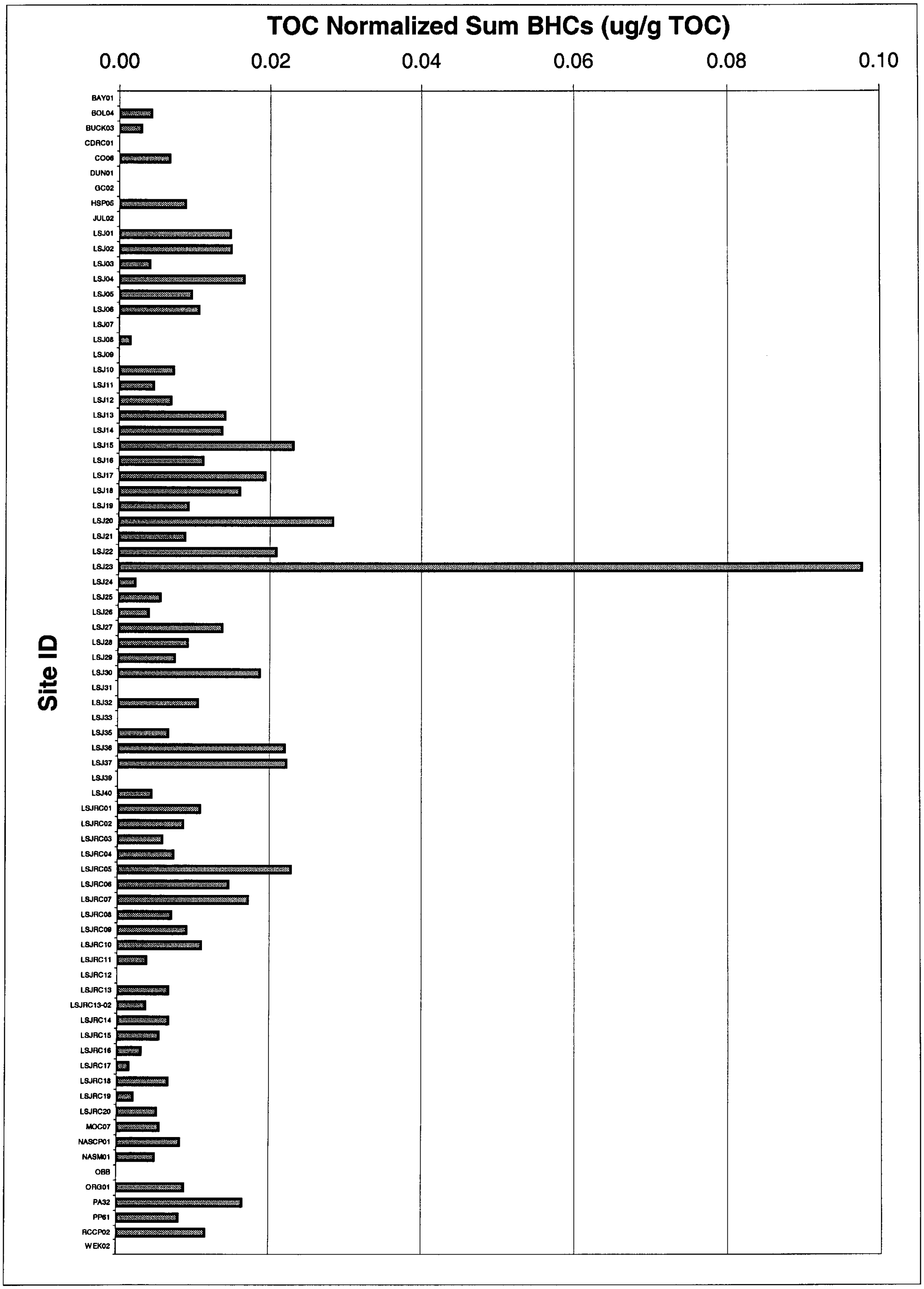
Sum Chlordanes (ug/kg, dry weight)
0
1
2
3
4
5
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WCK02

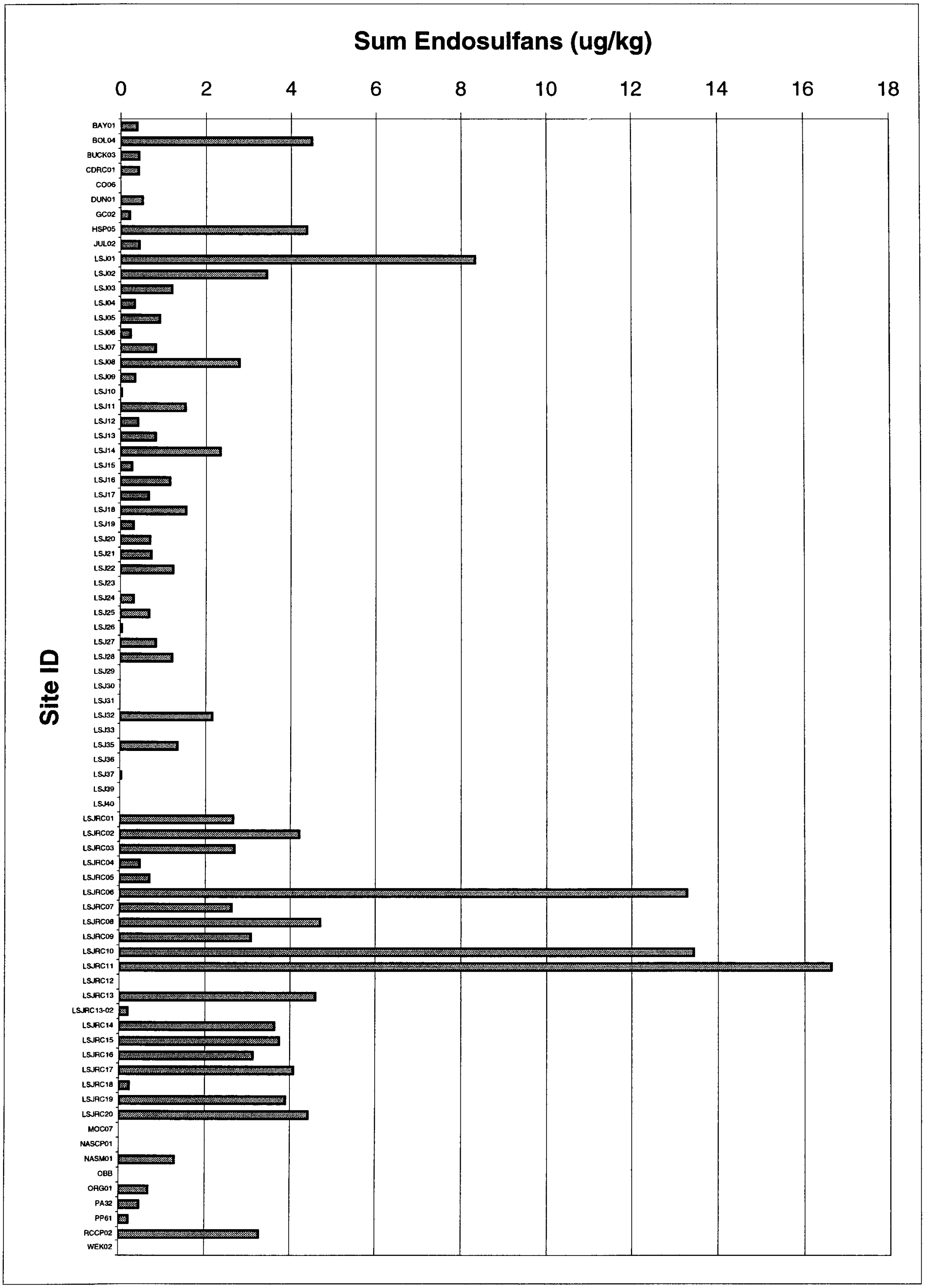


TOC Normalized Sum Chlordanes (ug/g TOC)
0.0
0.1
0.2
0.3
0.4
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

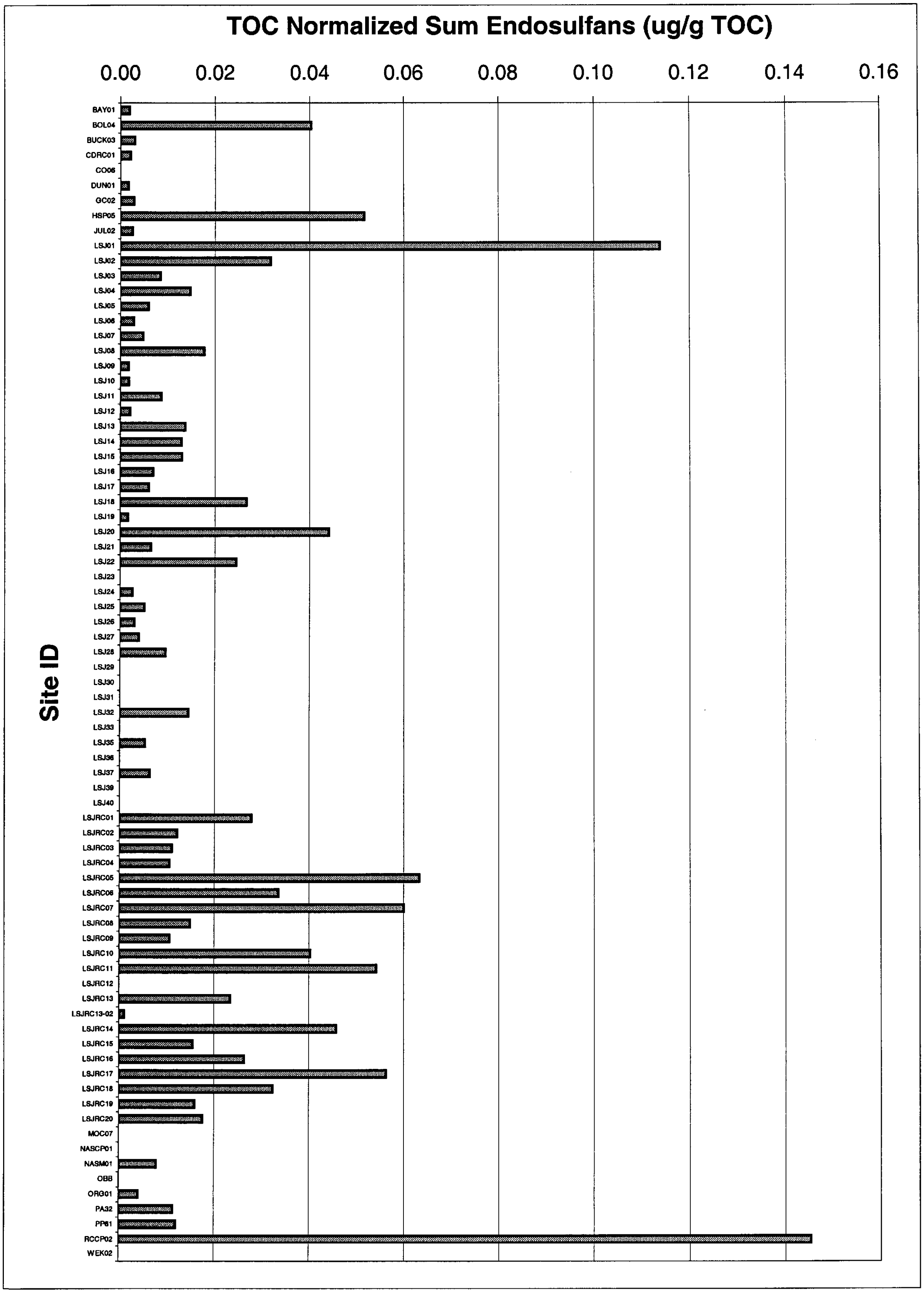


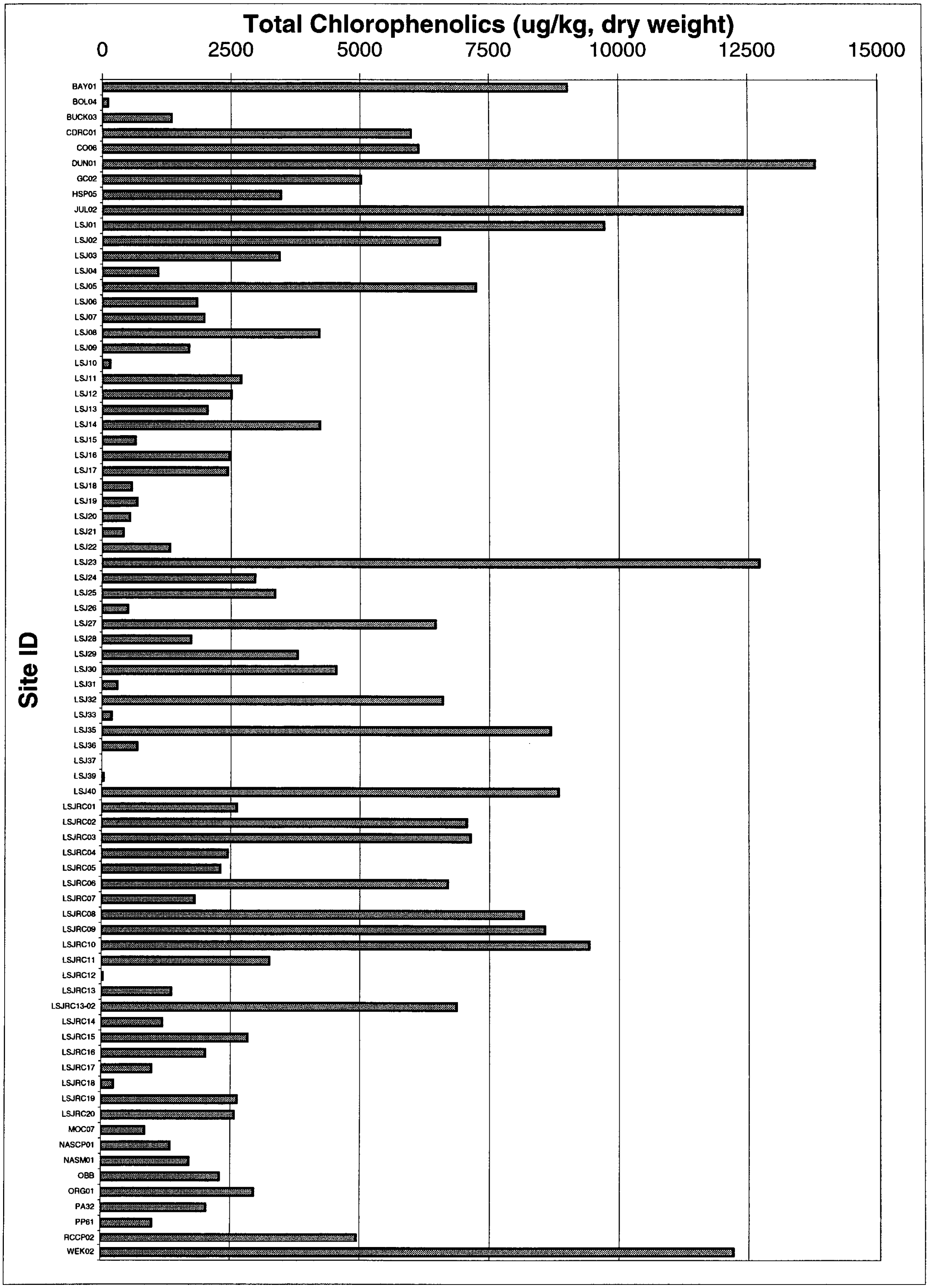
Sum BHCs (ug/kg, dry weight)
0
1
2
3
4
5
6
7
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP81
RCCP02
WEK02

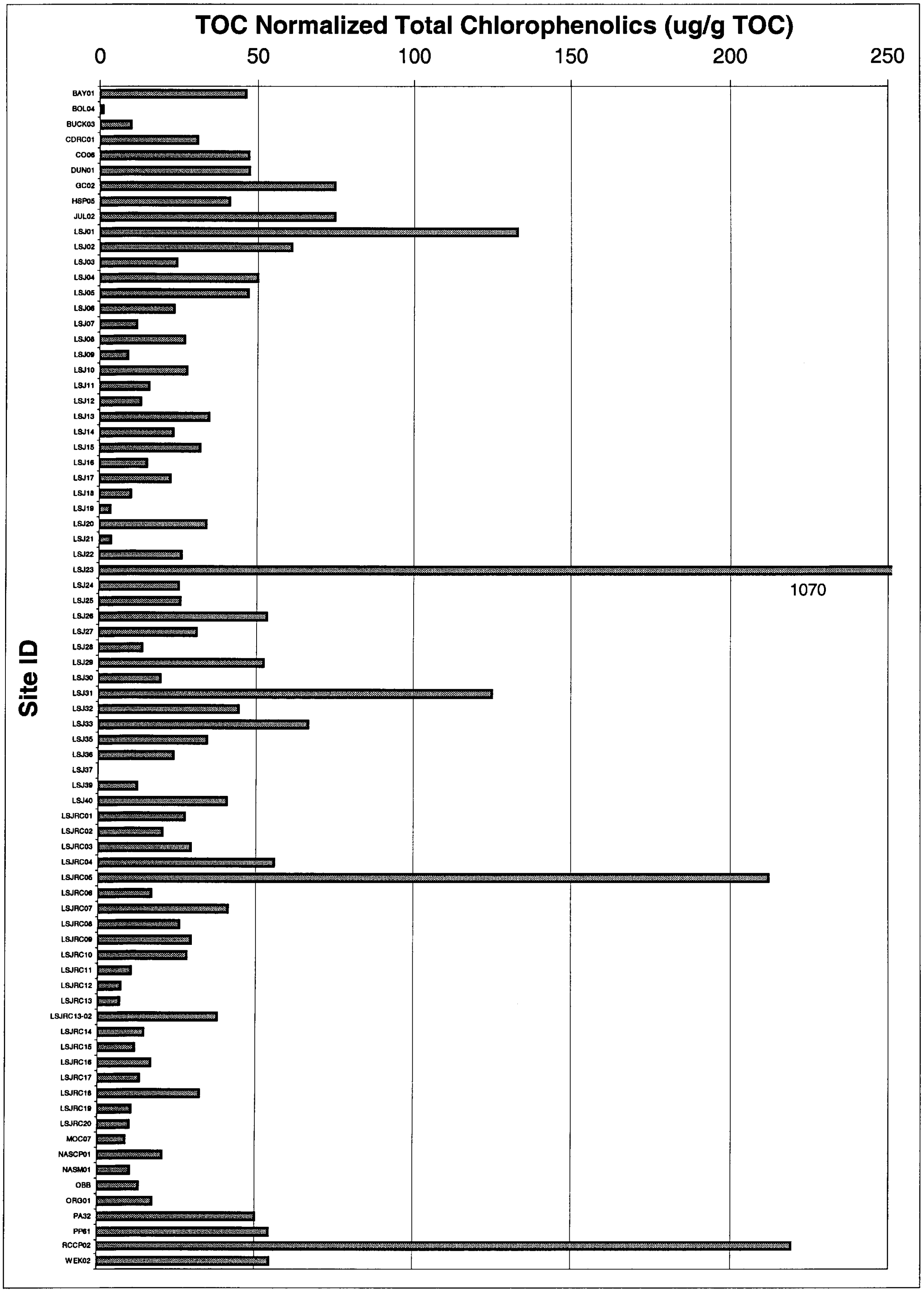

TOC Normalized Sum BHCs (ug/g TOC)
0.00
0.02
0.04
0.06
0.08
0.10
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

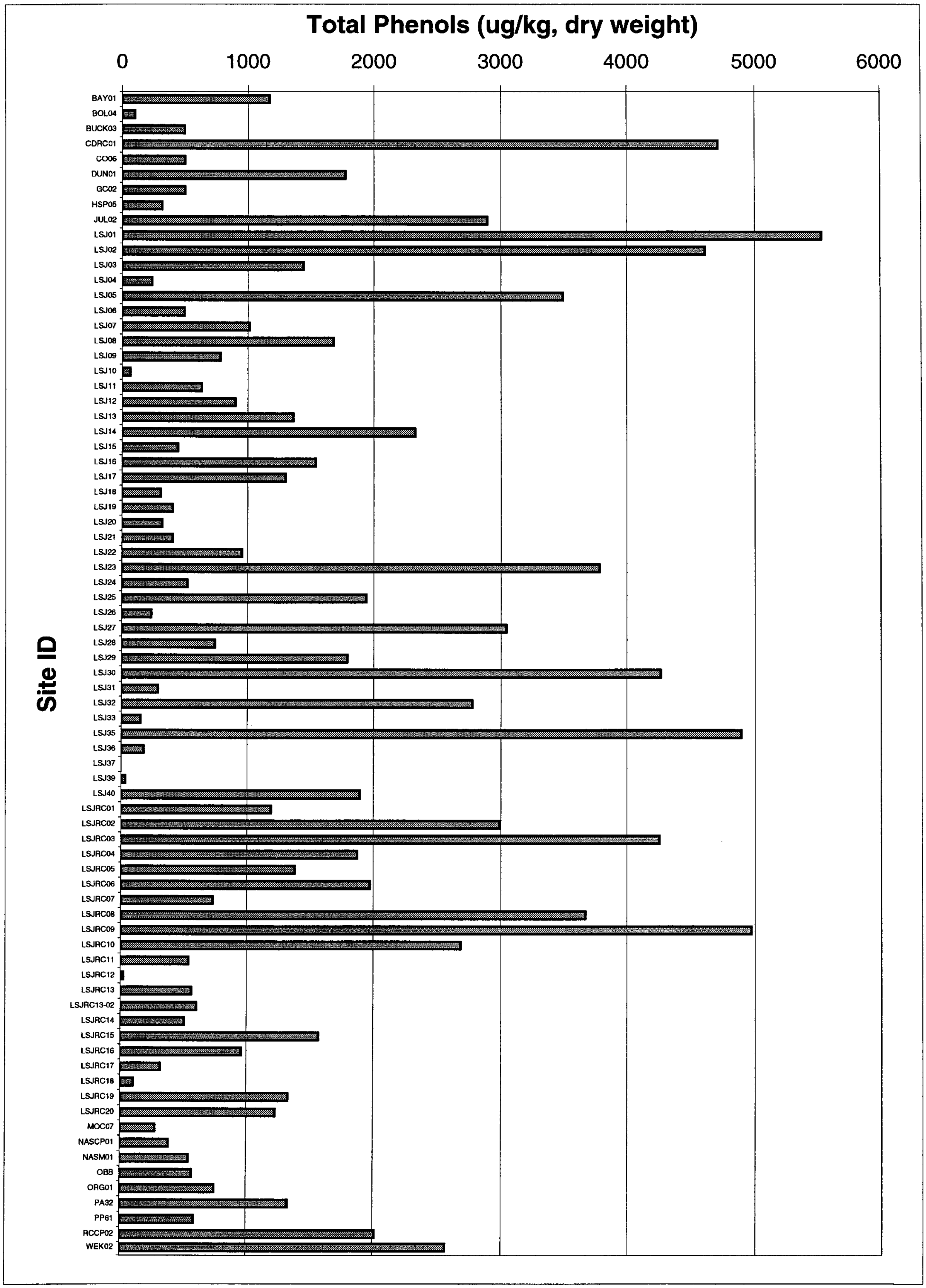


Sum Endosulfans (ug/kg)
0
2
4
6
8
10
12
14
16
18
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

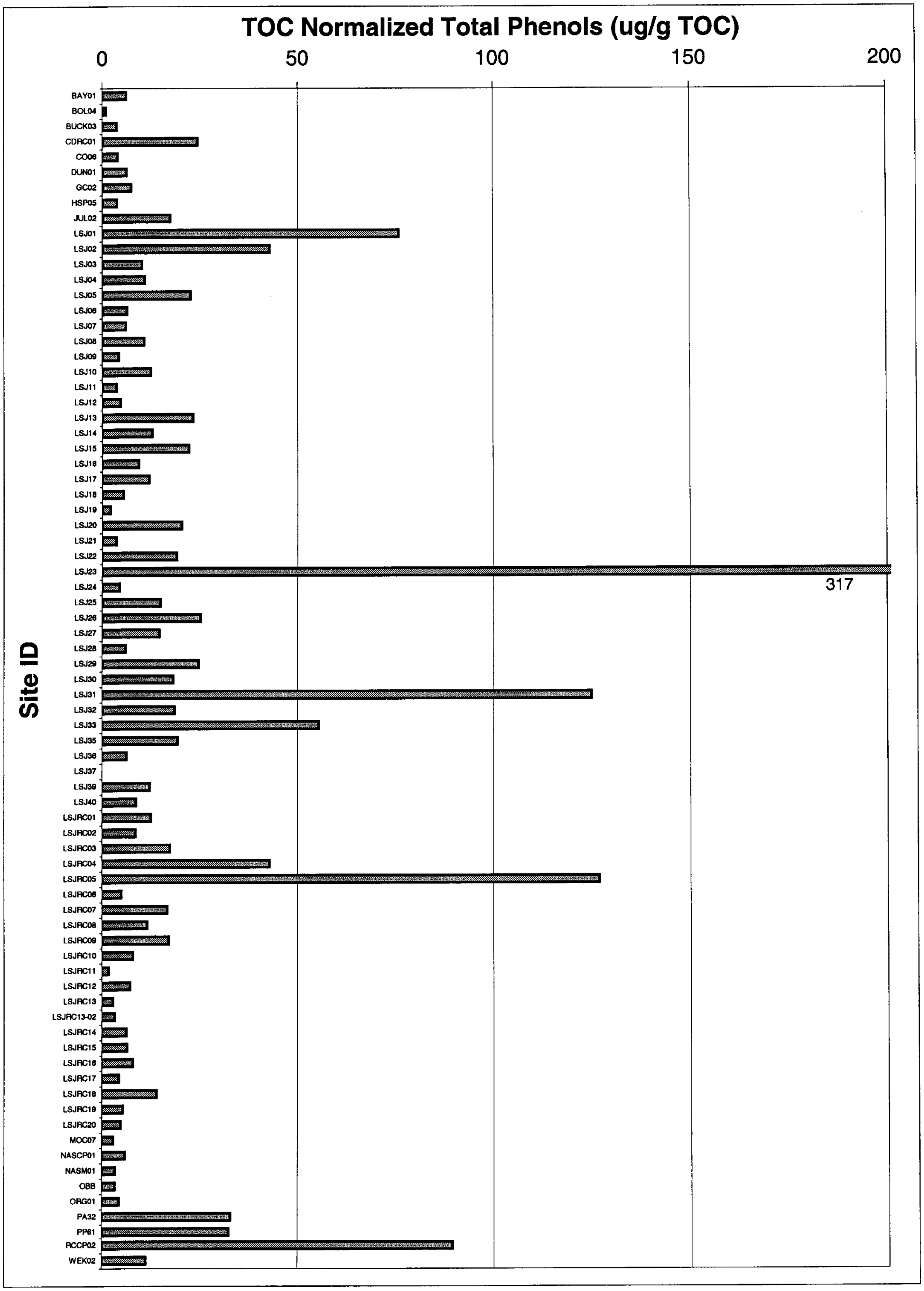

TOC Normalized Sum Endosulfans (ug/g TOC)
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.16
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02


Total Chlorophenolics (ug/kg, dry weight)
0
2500
5000
7500
10000
12500
15000
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

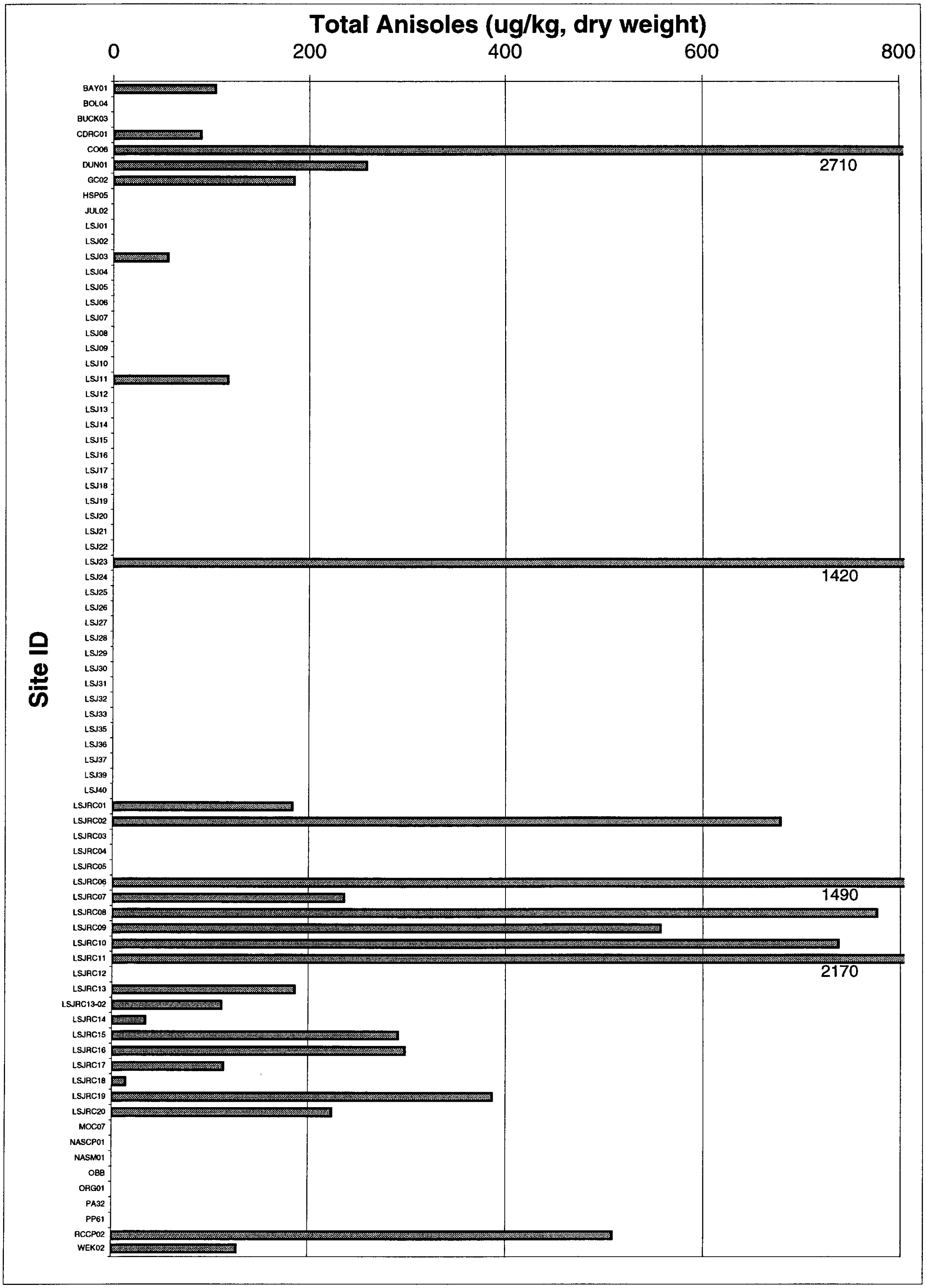

TOC Normalized Total Chlorophenolics (ug/g TOC)
0
50
100
150
200
250
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02
1070



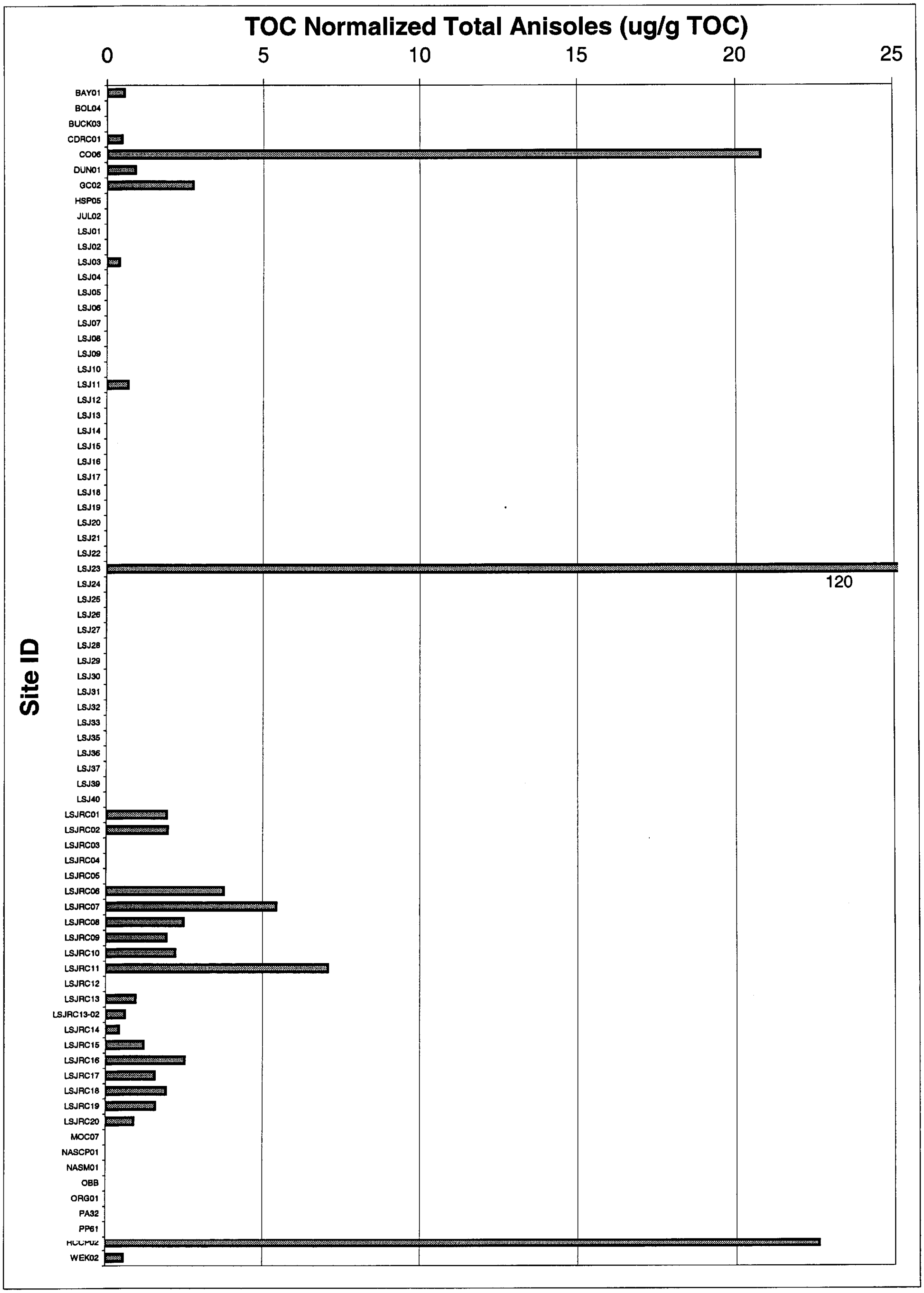
Total Phenols (ug/kg, dry weight)
0
1000
2000
3000
4000
5000
6000
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



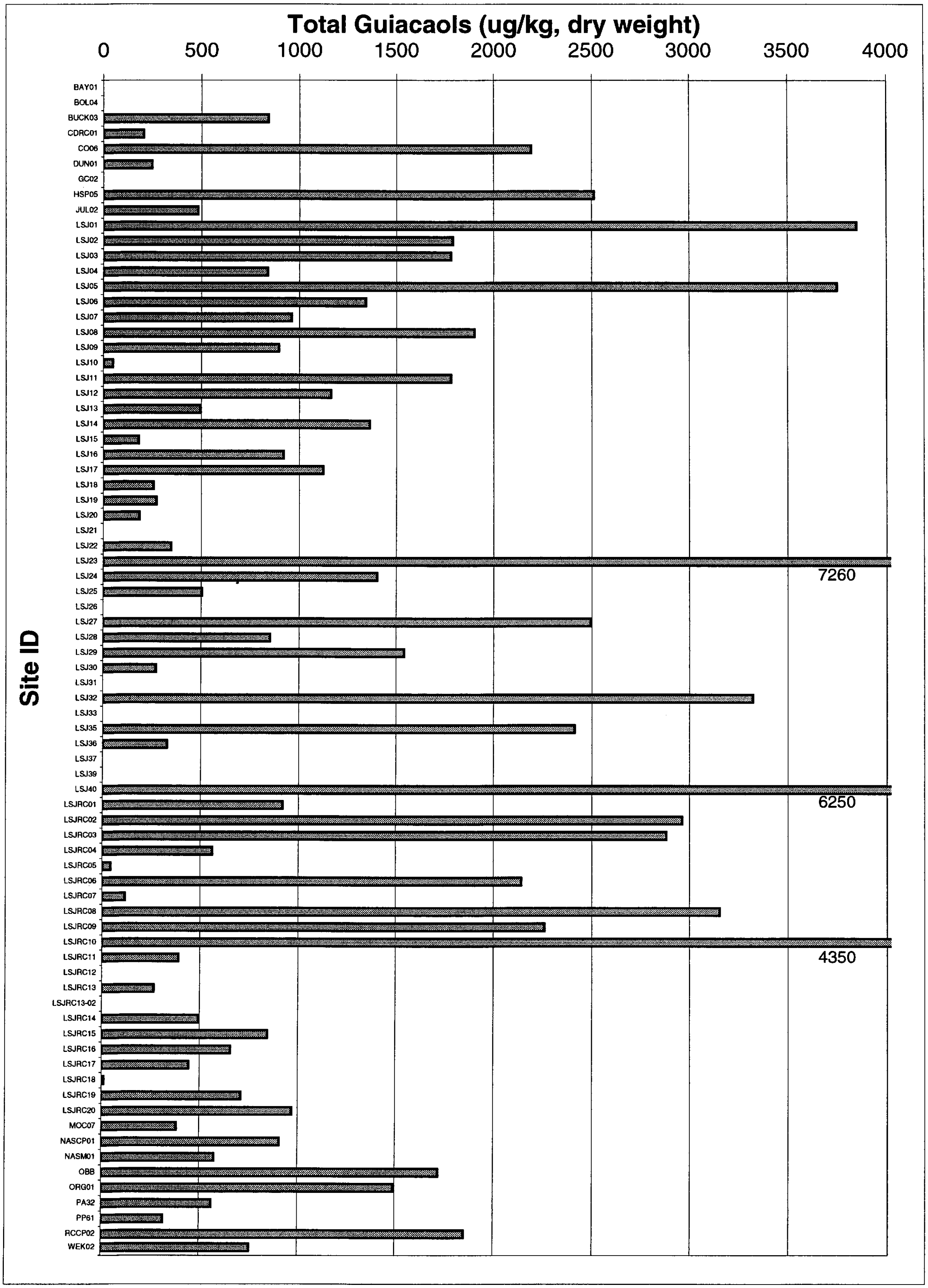
TOC Normalized Total Phenols (ug/g TOC)
0
50
100
150
200
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02
317



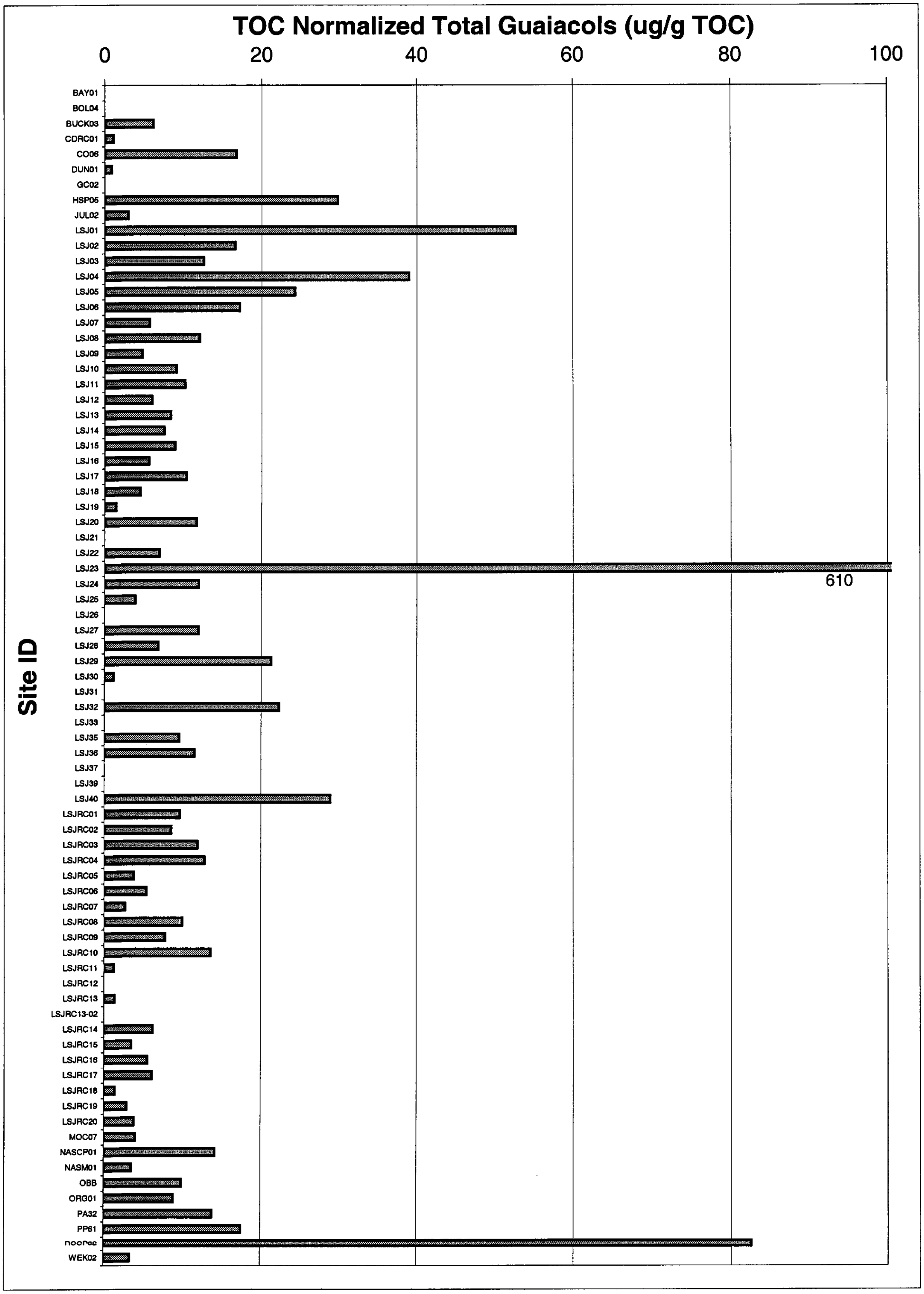
Total Anisoles (ug/kg, dry weight)
0
200
400
600
800
2710
1420
1490
2170
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

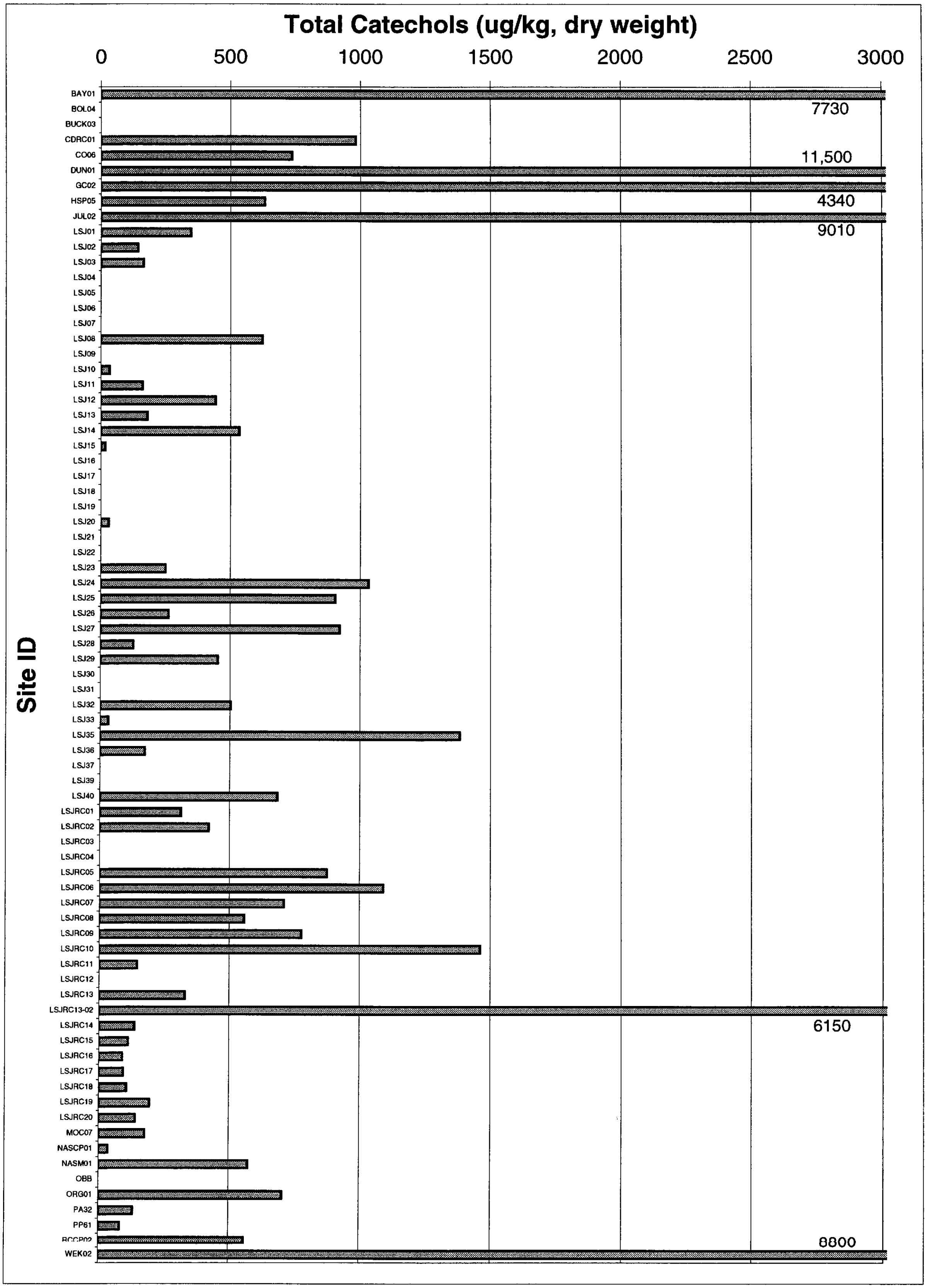


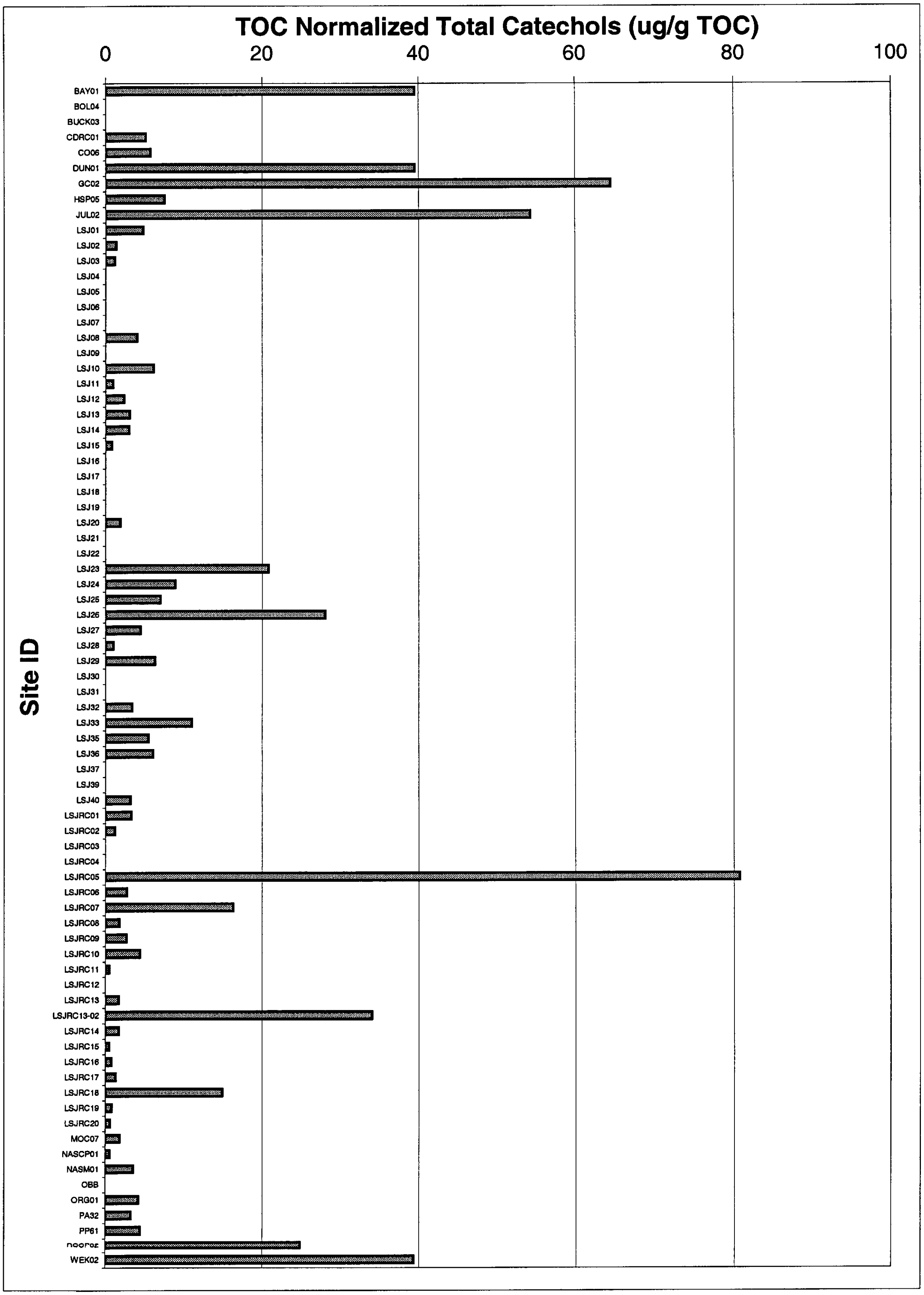
TOC Normalized Total Anisoles (ug/g TOC)
0
5
10
15
20
25
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
120
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02



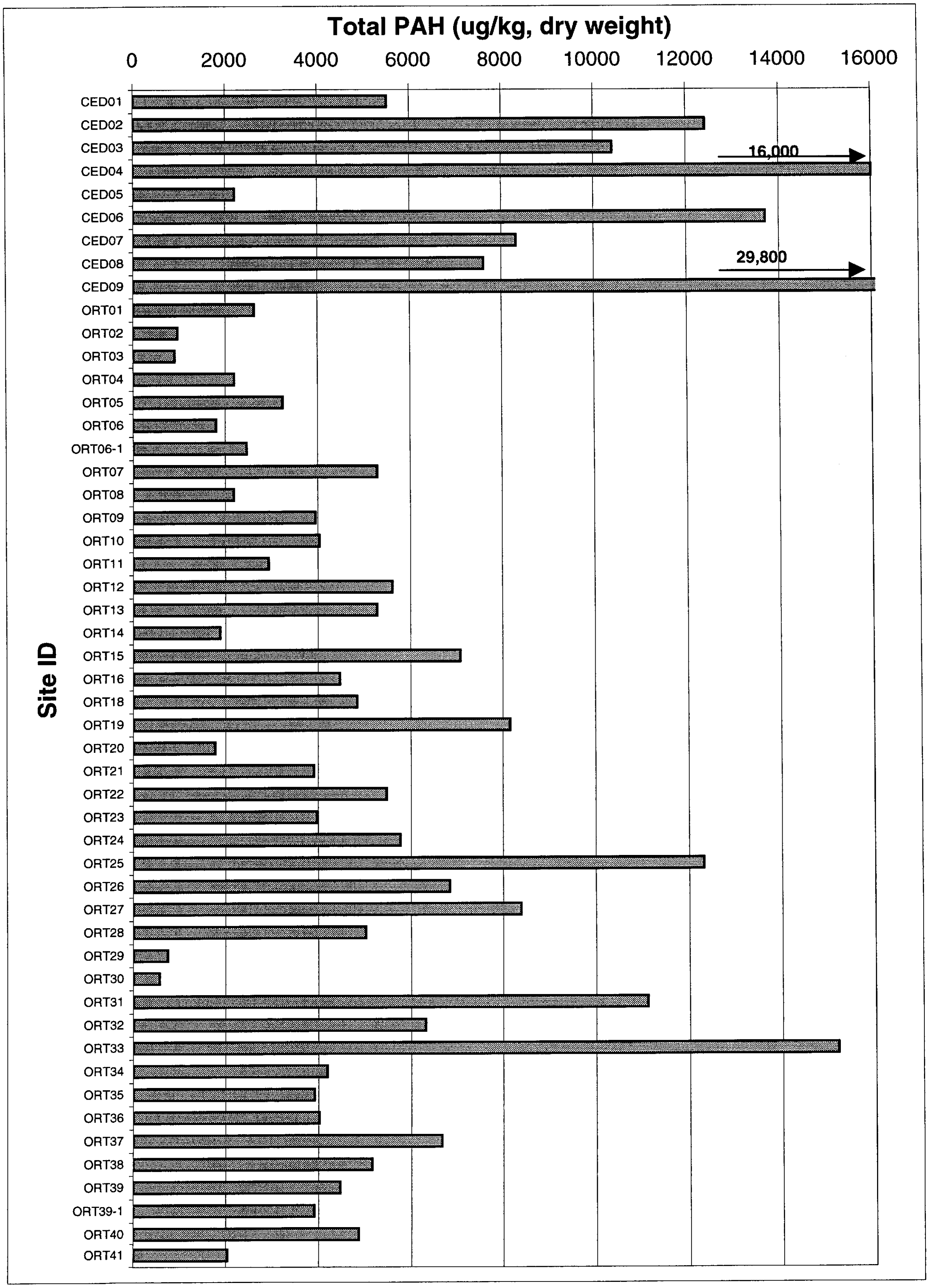
Total Guiacaols (ug/kg, dry weight)
0
500
1000
1500
2000
2500
3000
3500
4000
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
7260
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
6250
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
4350
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

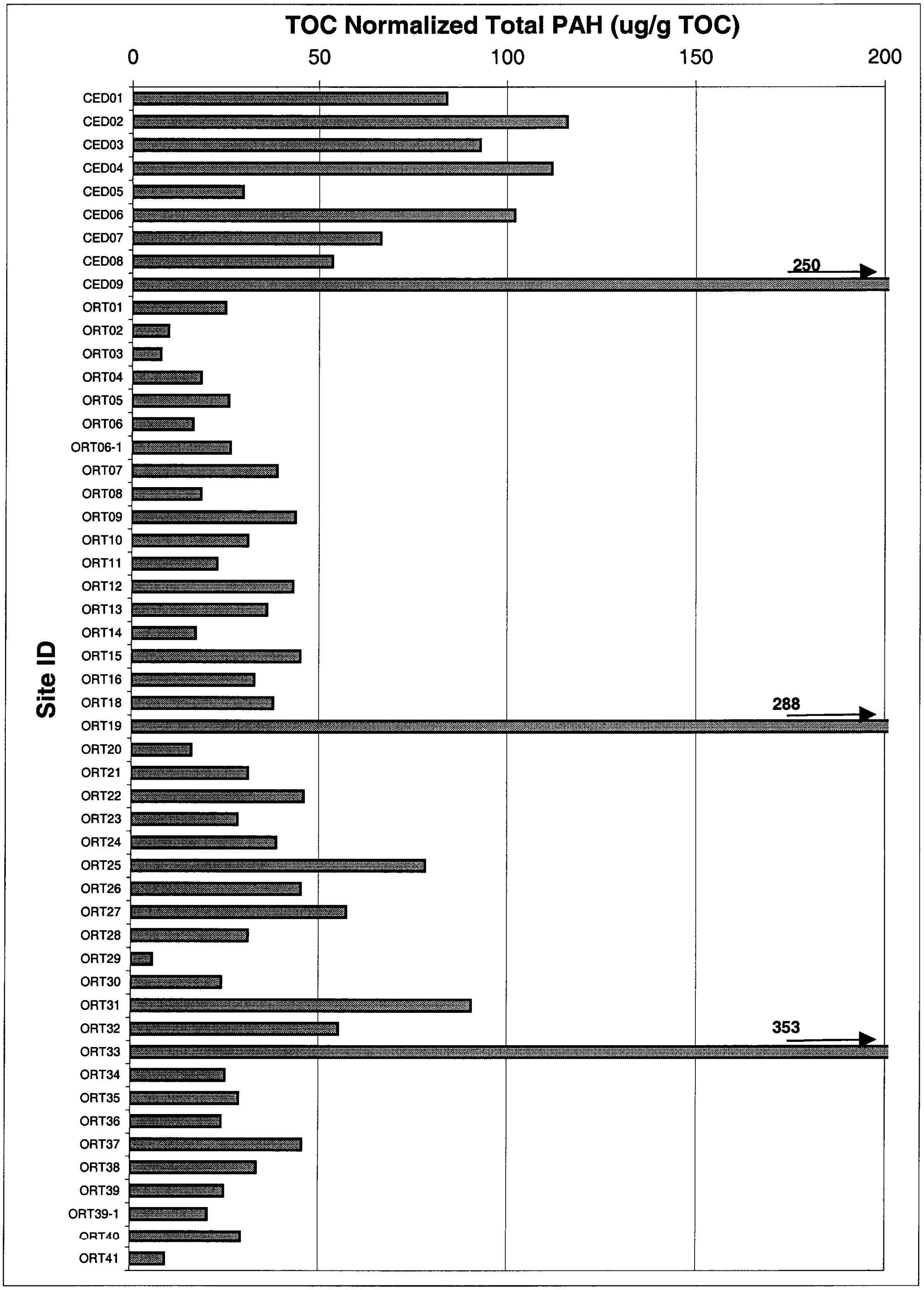

TOC Normalized Total Guaiacols (ug/g TOC)
0
20
40
60
80
100
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
610
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02


Total Catechols (ug/kg, dry weight)
0
500
1000
1500
2000
2500
3000
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02
7730
11,500
4340
9010
6150
8800

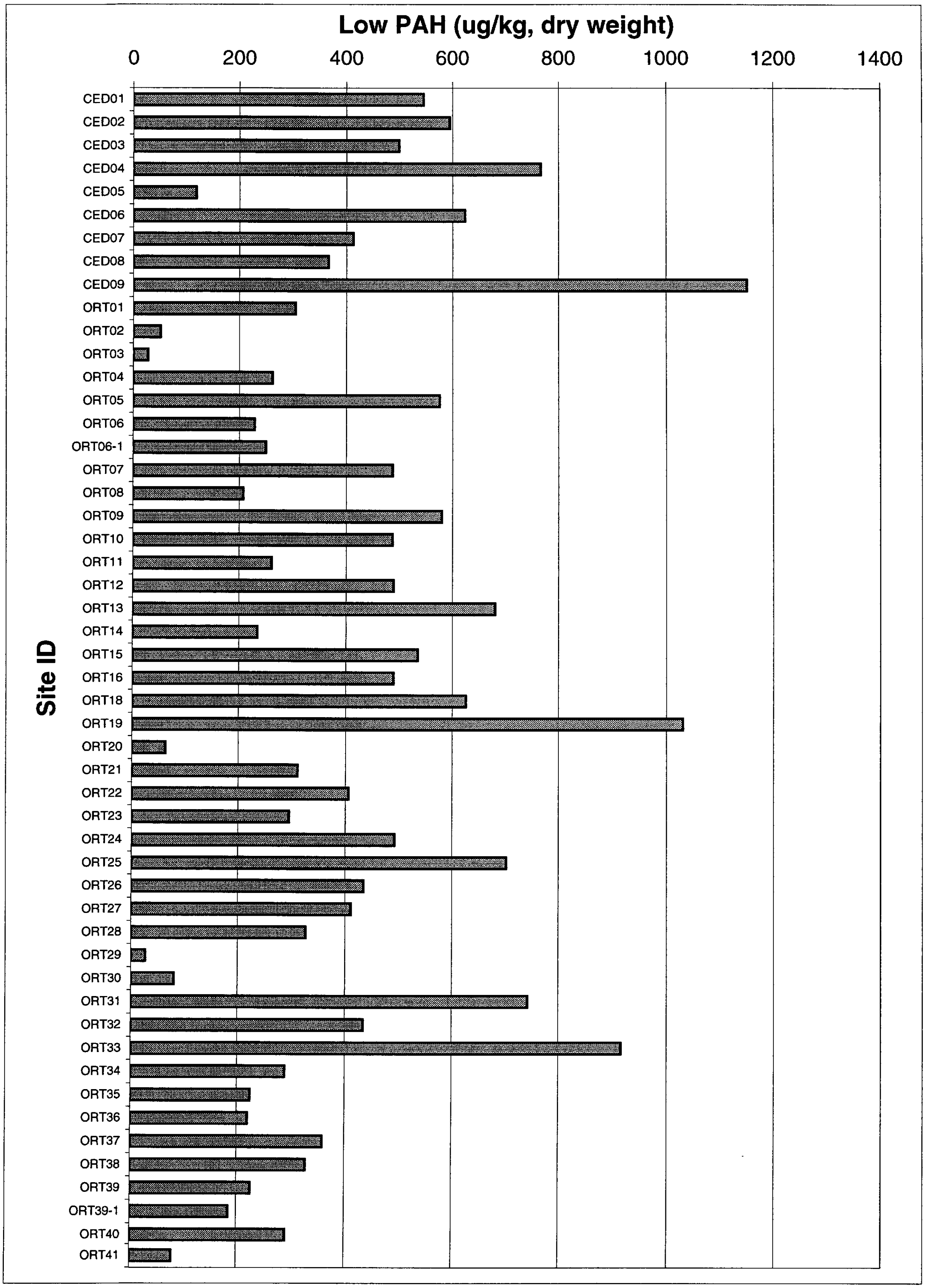


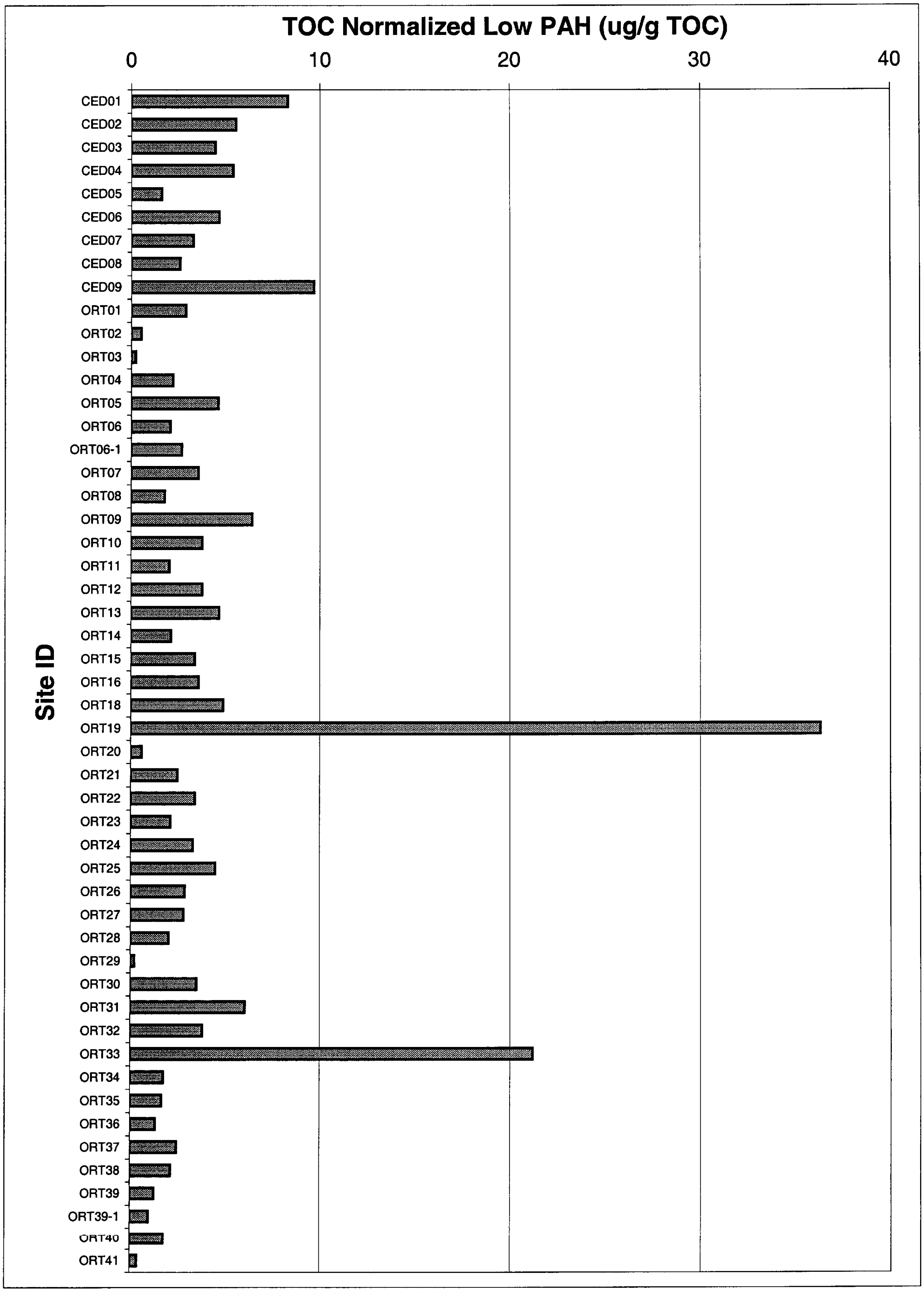
TOC Normalized Total Catechols (ug/g TOC)
0
20
40
60
80
100
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02


Total PAH (ug/kg, dry weight)
0
2000
4000
6000
8000
10000
12000
14000
16000
16,000
29,800
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

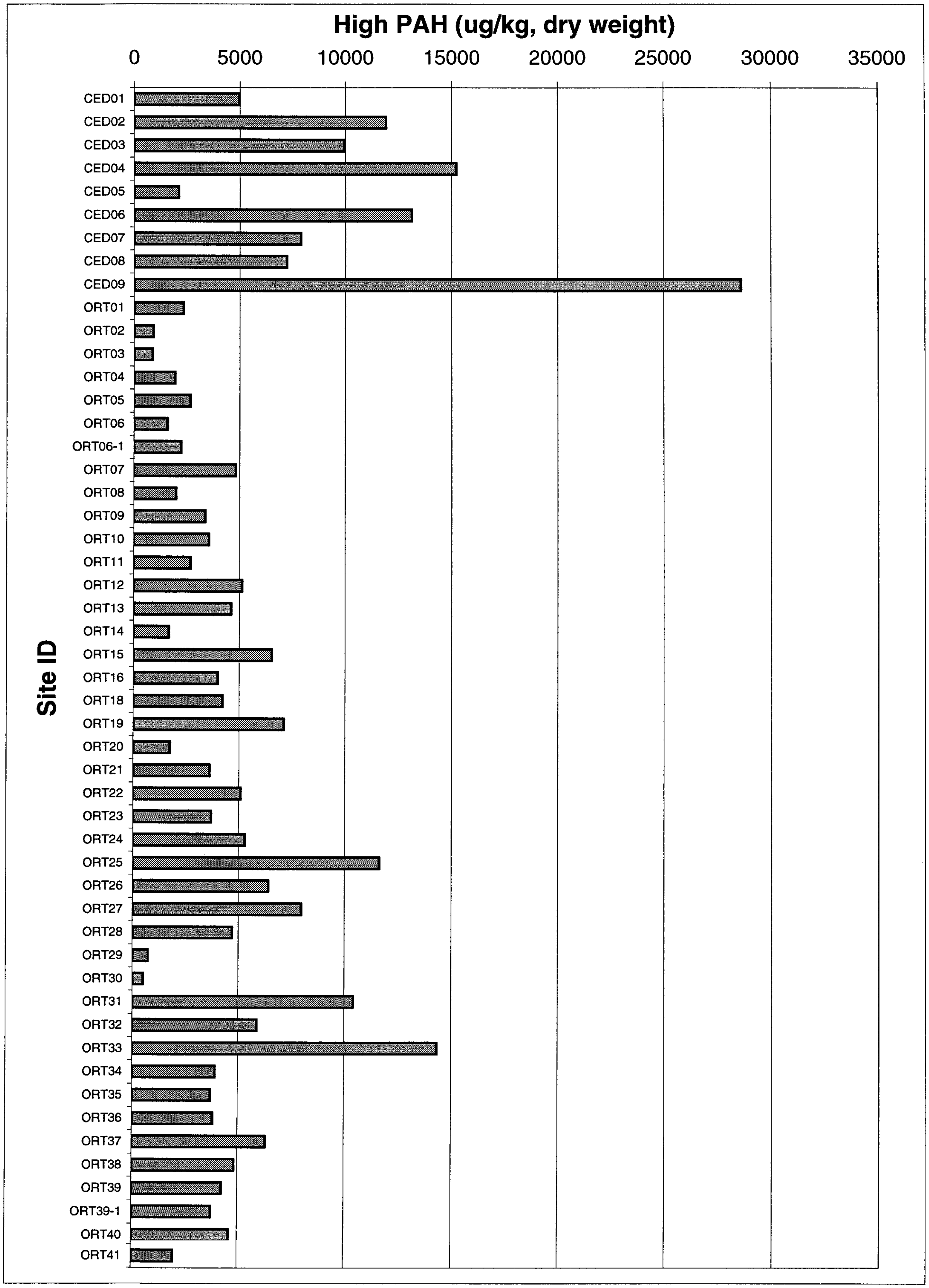


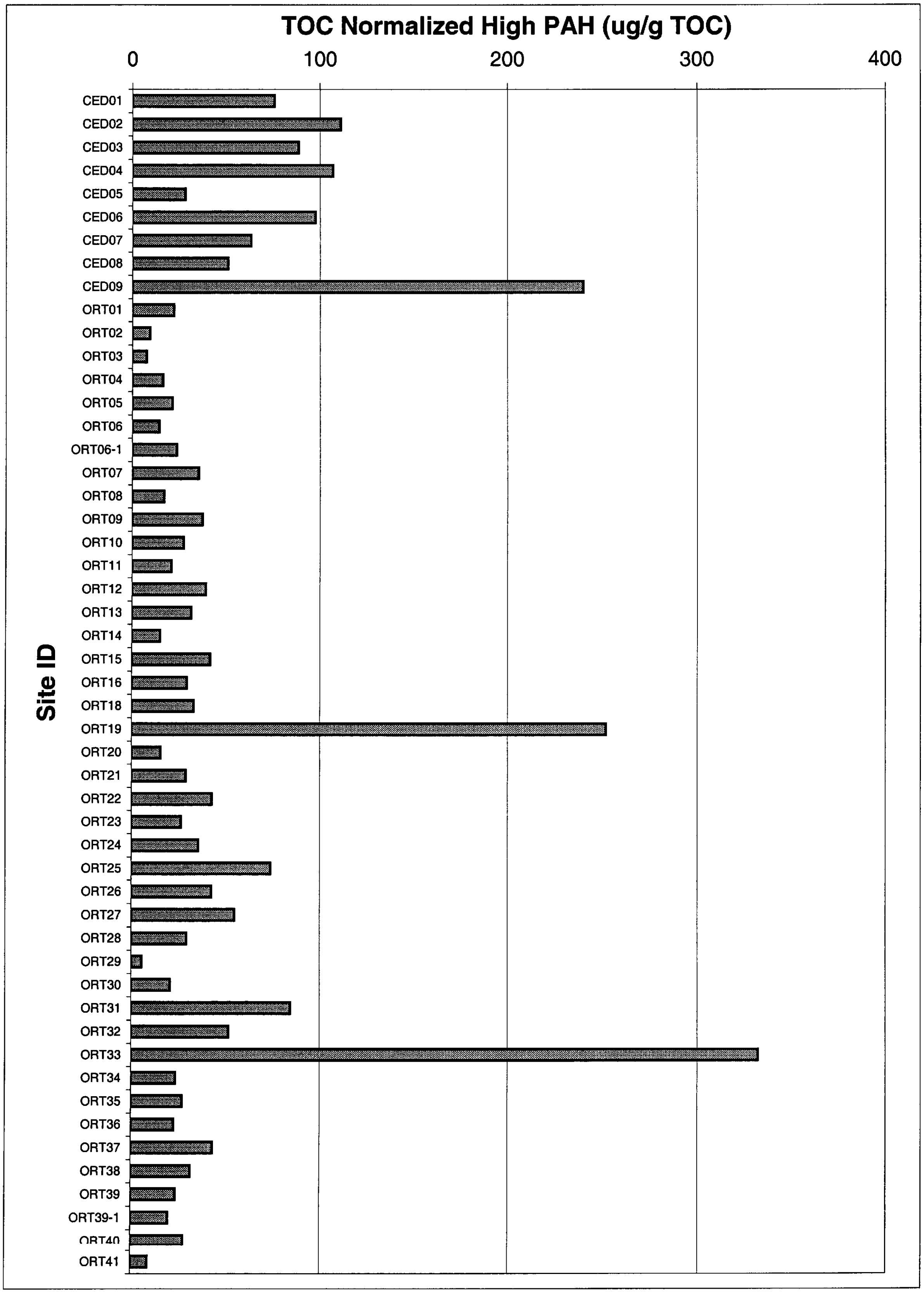
TOC Normalized Total PAH (ug/g TOC)
0
50
100
150
200
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41
250
288
353


Low PAH (ug/kg, dry weight)
0
200
400
600
800
1000
1200
1400
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

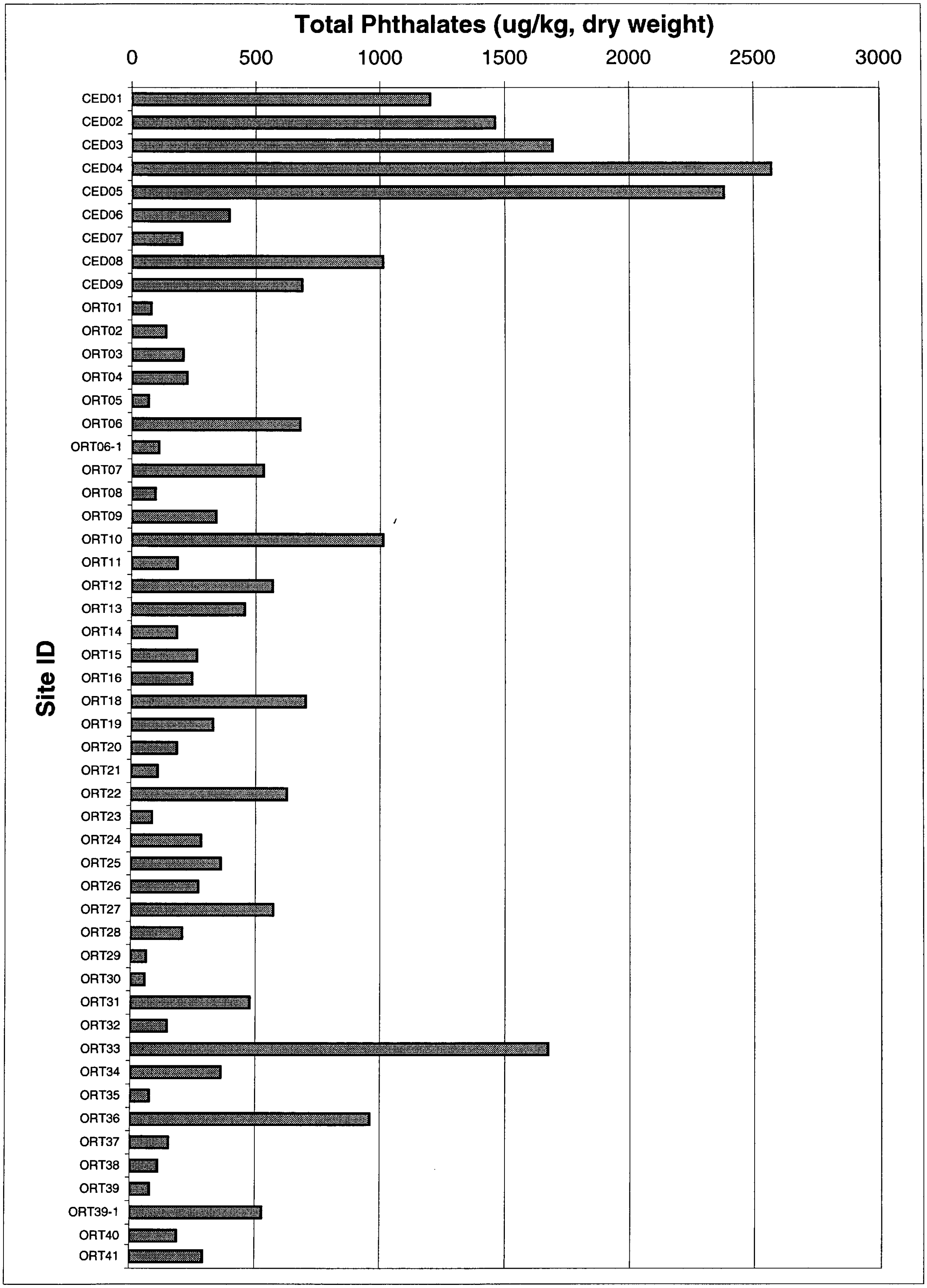


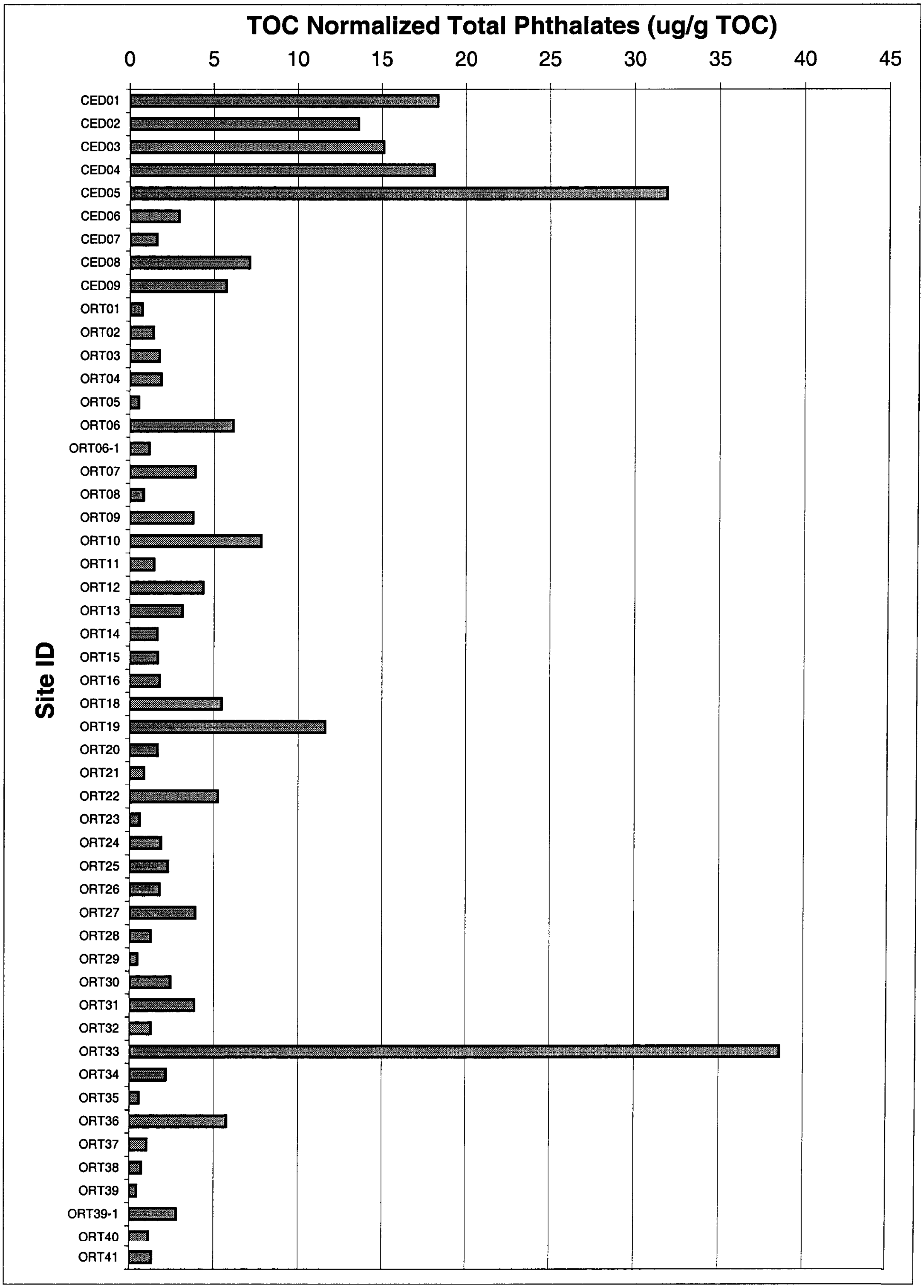
TOC Normalized Low PAH (ug/g TOC)
0
10
20
30
40
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

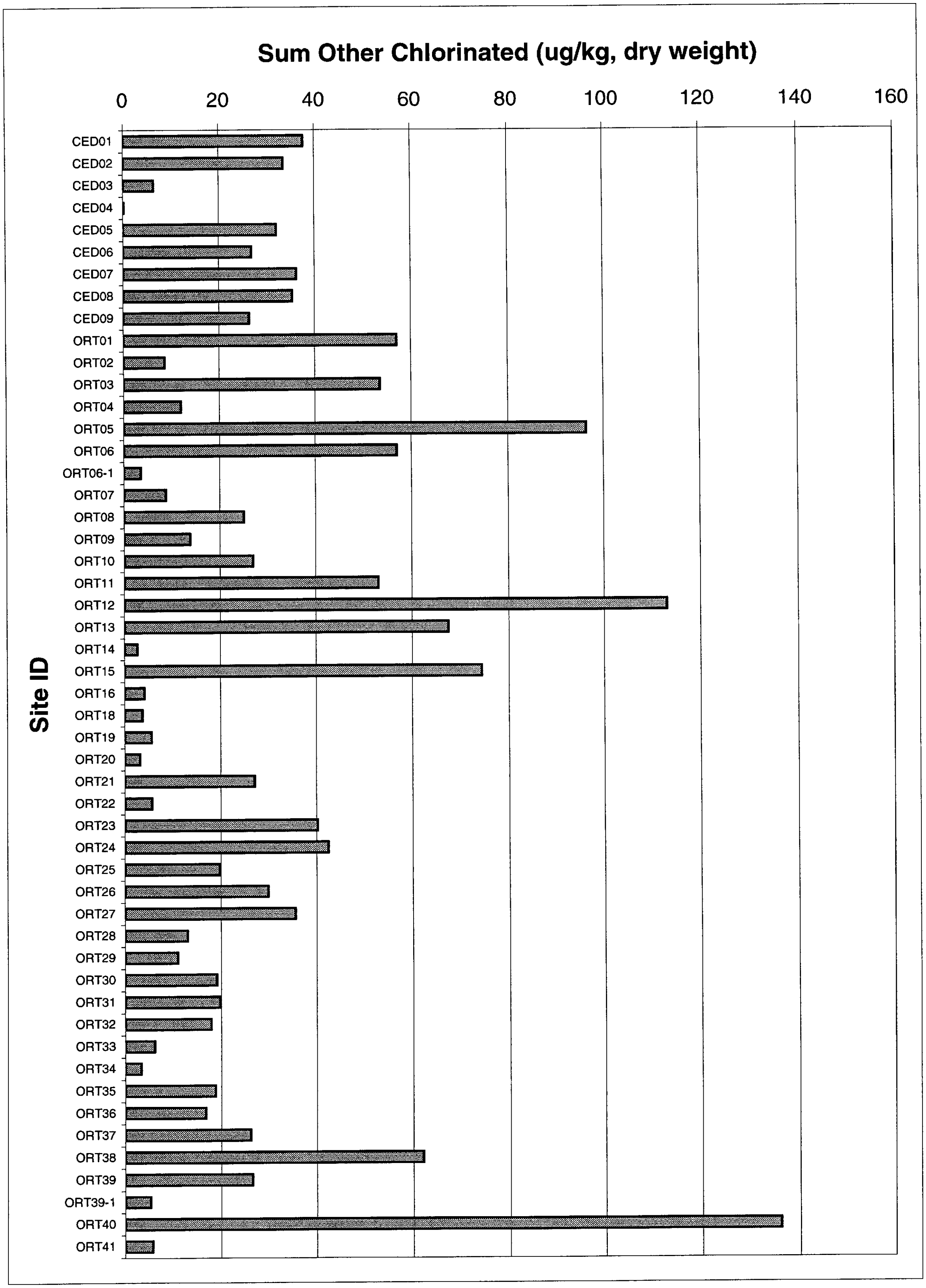

High PAH (ug/kg, dry weight)
0
5000
10000
15000
20000
25000
30000
35000
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

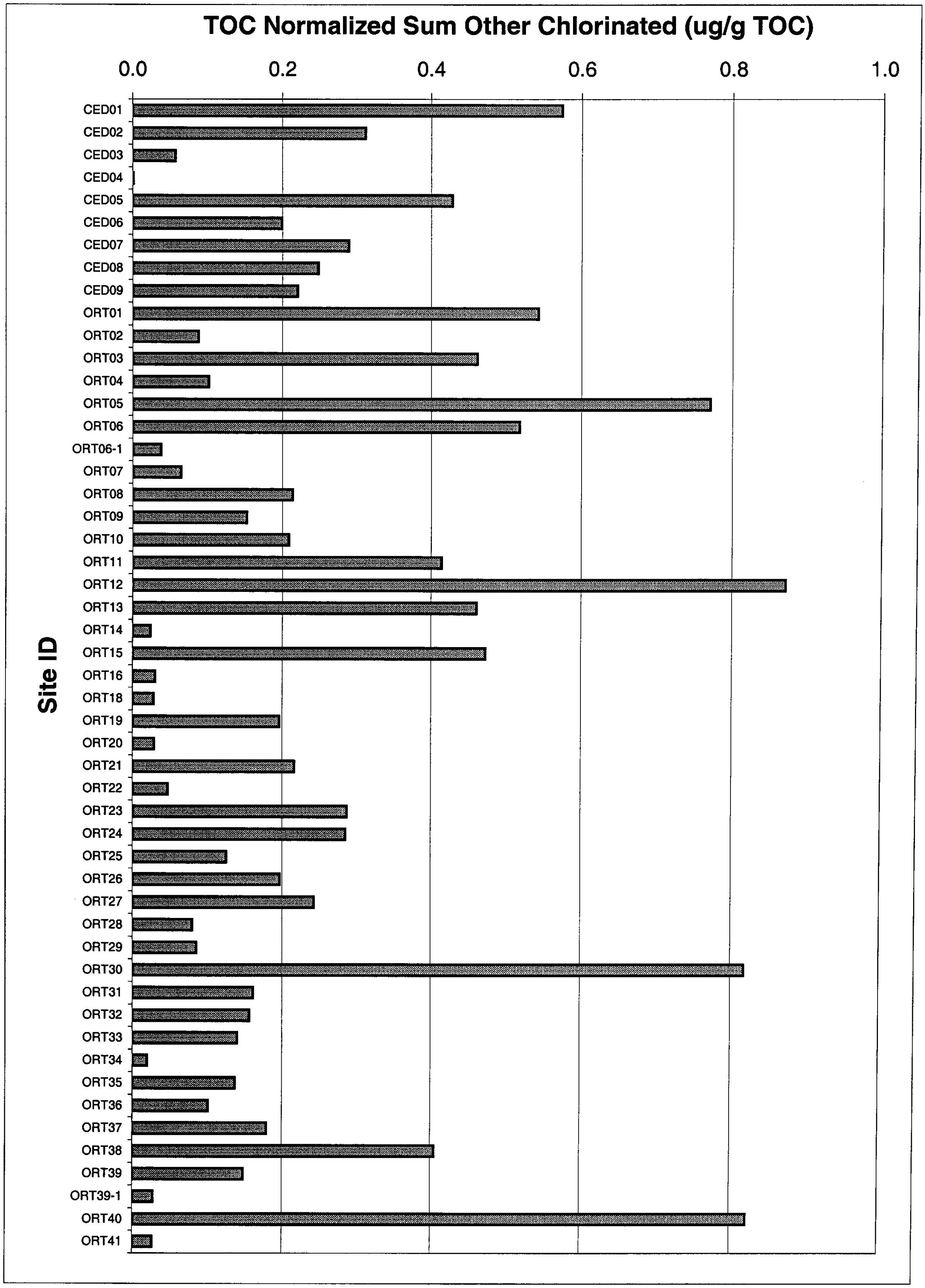


TOC Normalized High PAH (ug/g TOC)
0
100
200
300
400
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

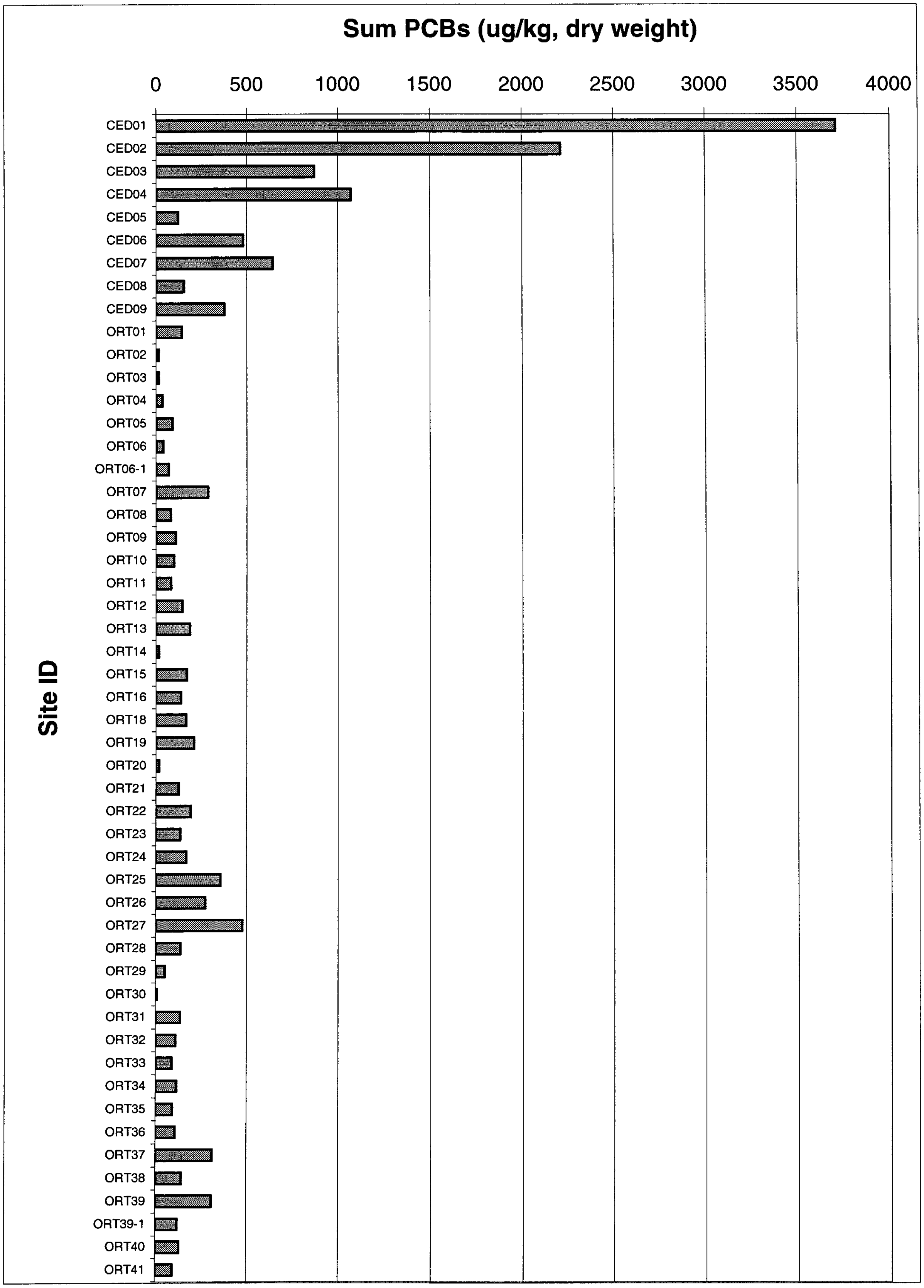

Total Phthalates (ug/kg, dry weight)
0
500
1000
1500
2000
2500
3000
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41


TOC Normalized Total Phthalates (ug/g TOC)
0
5
10
15
20
25
30
35
40
45
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

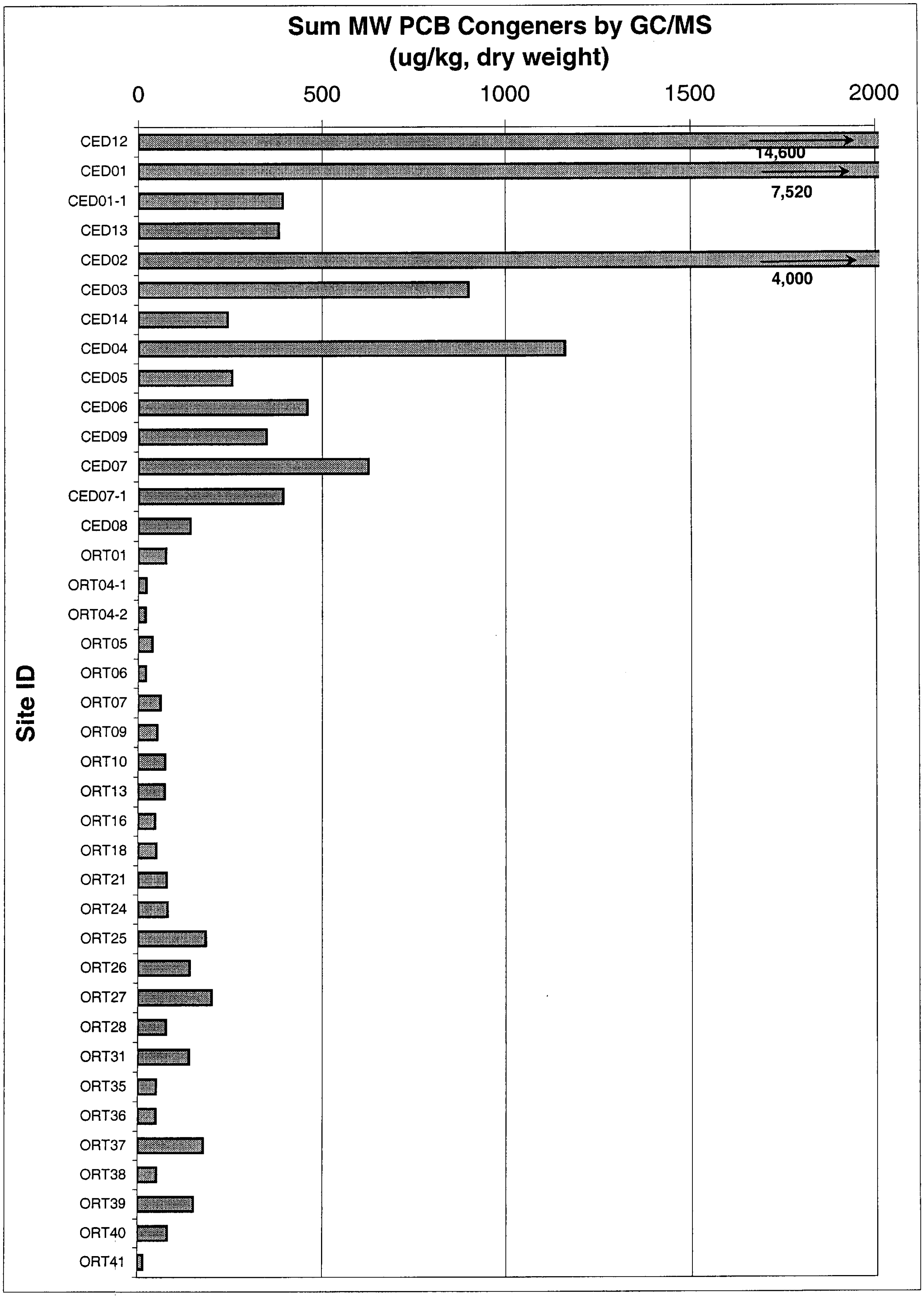

Sum Other Chlorinated (ug/kg, dry weight)
0
20
40
60
80
100
120
140
160
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41



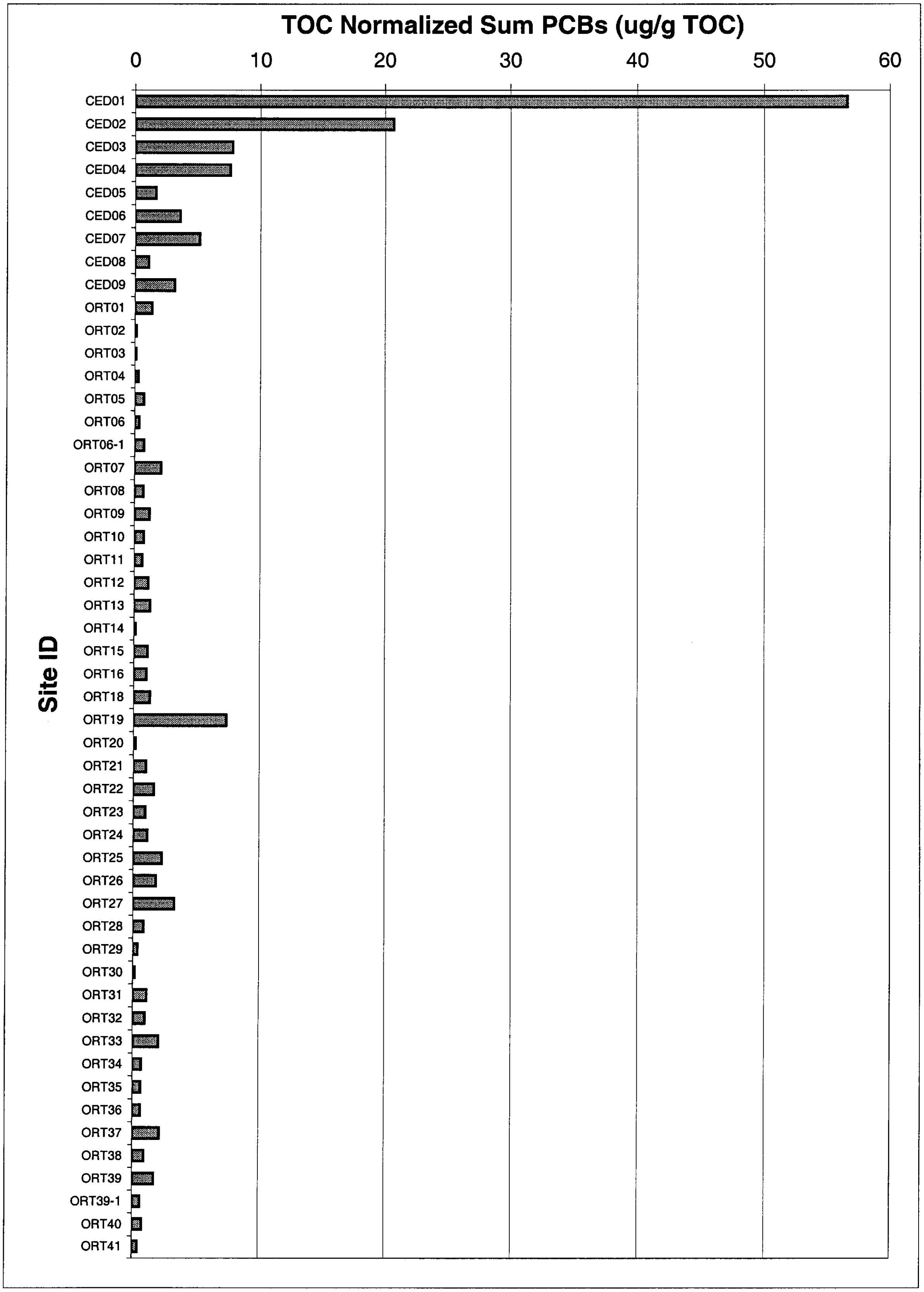
TOC Normalized Sum Other Chlorinated (ug/g TOC)
0.0
0.2
0.4
0.6
0.8
1.0
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

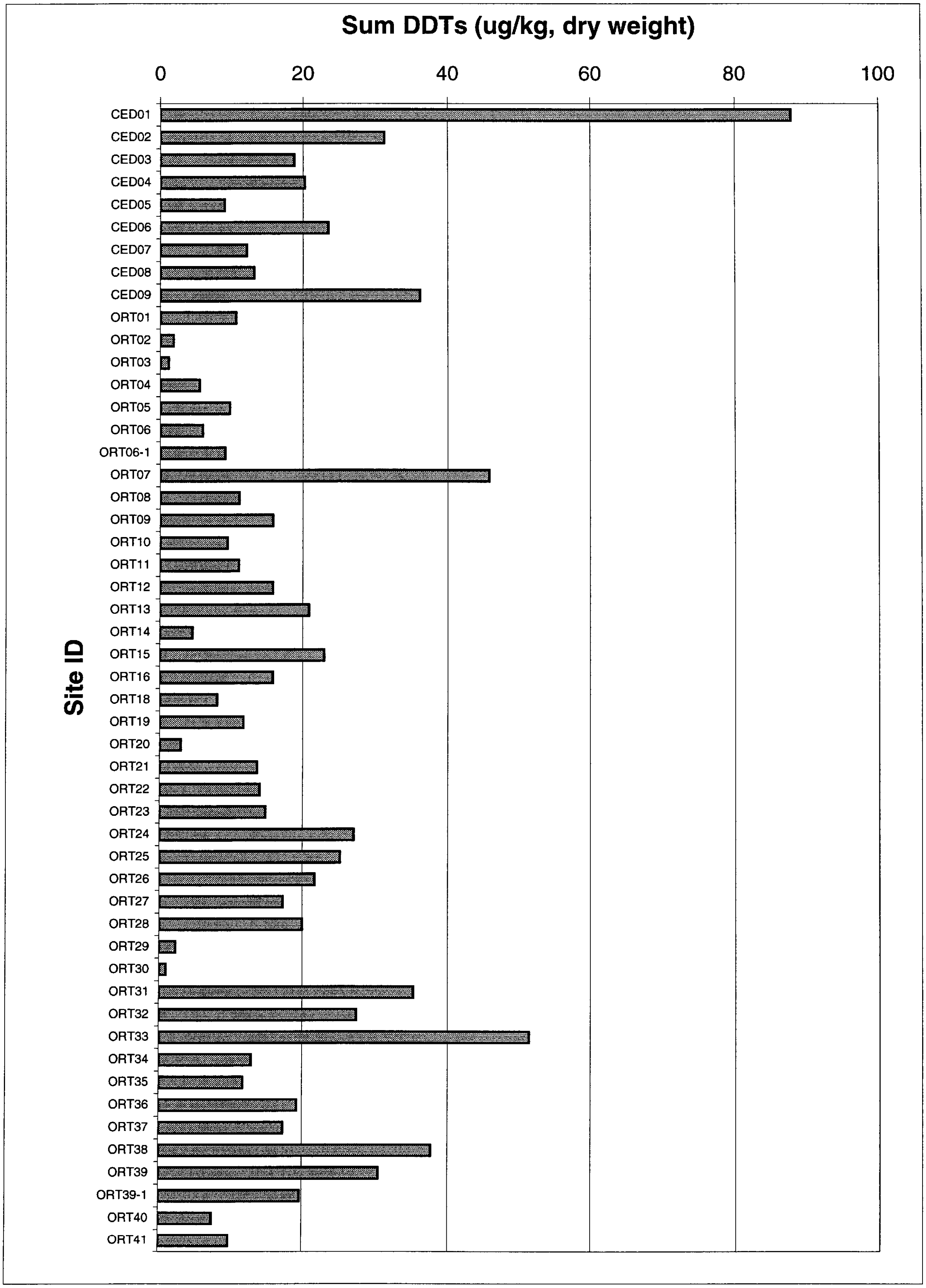


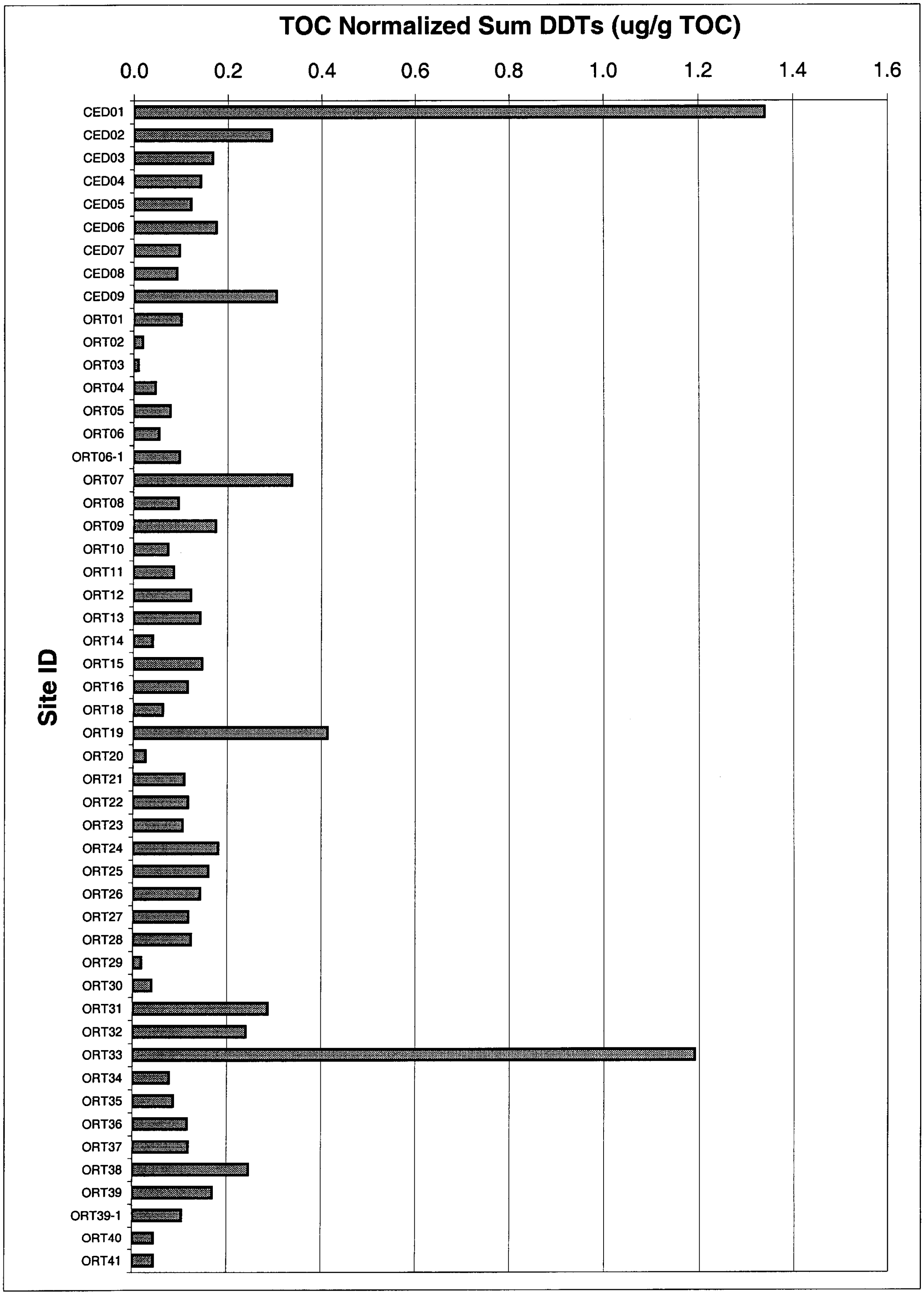
Sum PCBs (ug/kg, dry weight)
0
500
1000
1500
2000
2500
3000
3500
4000
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

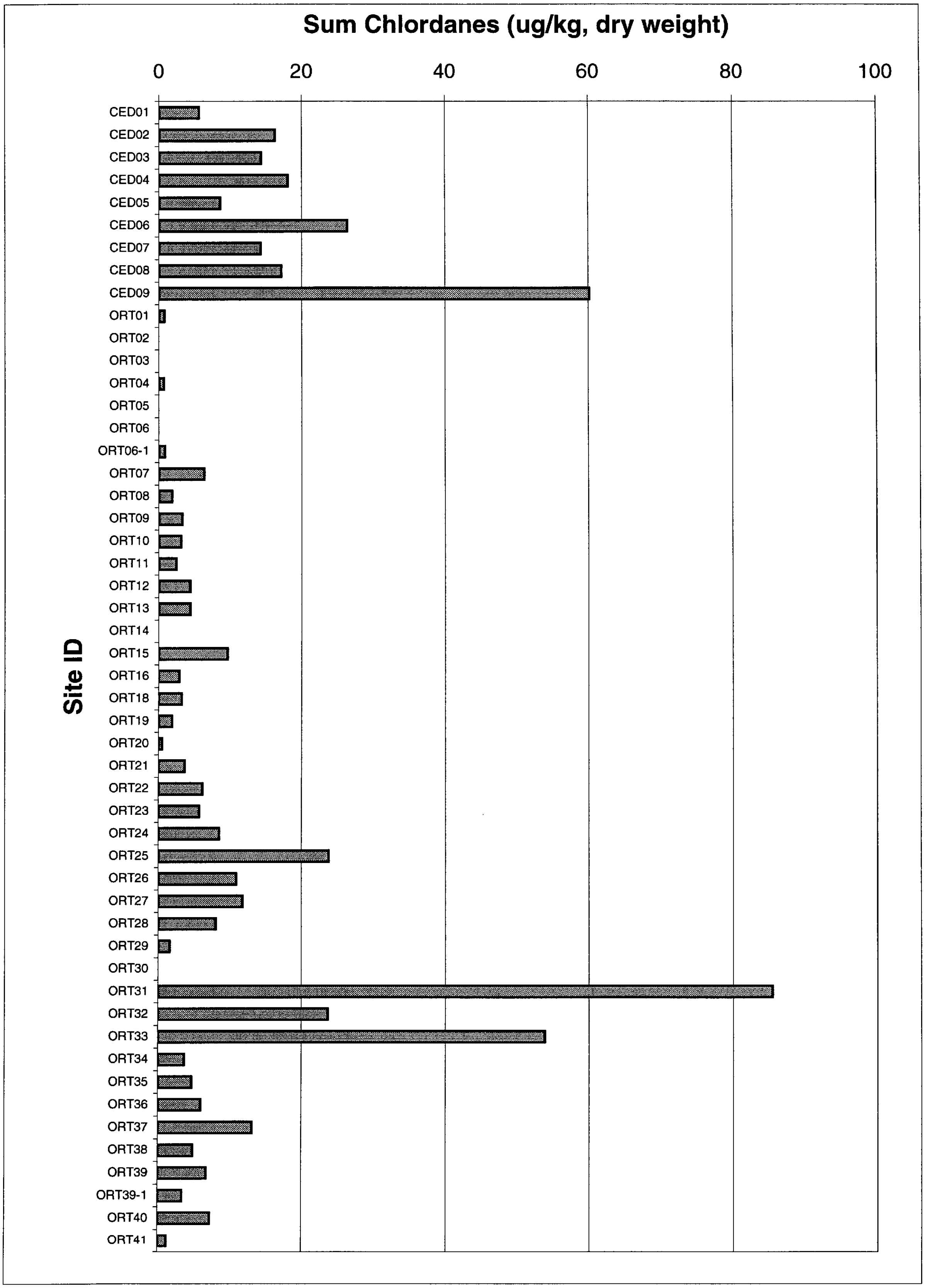


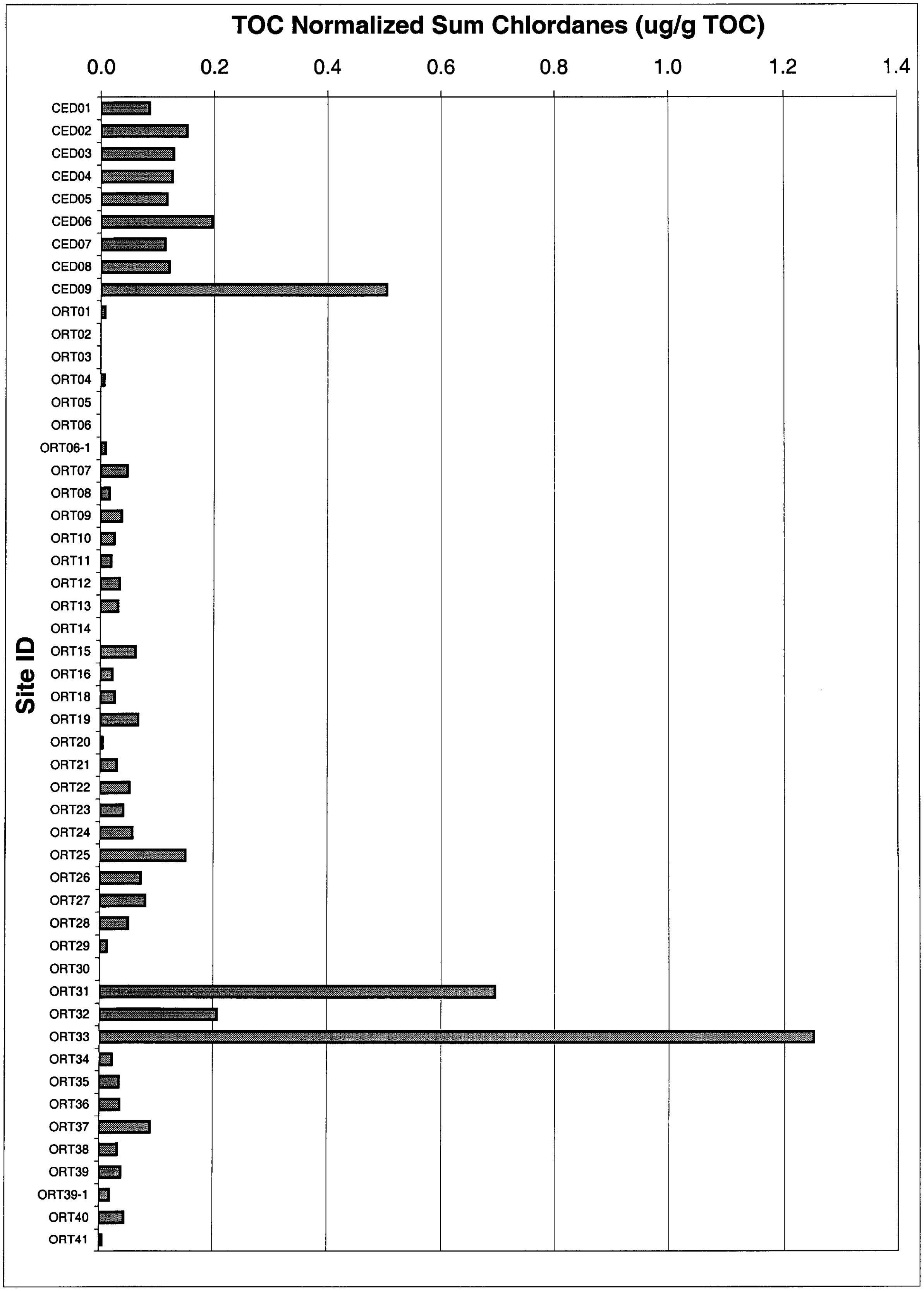
Sum MW PCB Congeners by GC/MS
(ug/kg, dry weight)
0
500
1000
1500
2000
Site ID
CED12
CED01
CED01-1
CED13
CED02
CED03
CED14
CED04
CED05
CED06
CED09
CED07
CED07-1
CED08
ORT01
ORT04-1
ORT04-2
ORT05
ORT06
ORT07
ORT09
ORT10
ORT13
ORT16
ORT18
ORT21
ORT24
ORT25
ORT26
ORT27
ORT28
ORT31
ORT35
ORT36
ORT37
ORT38
ORT39
ORT40
ORT41
14,600
7,520
4,000

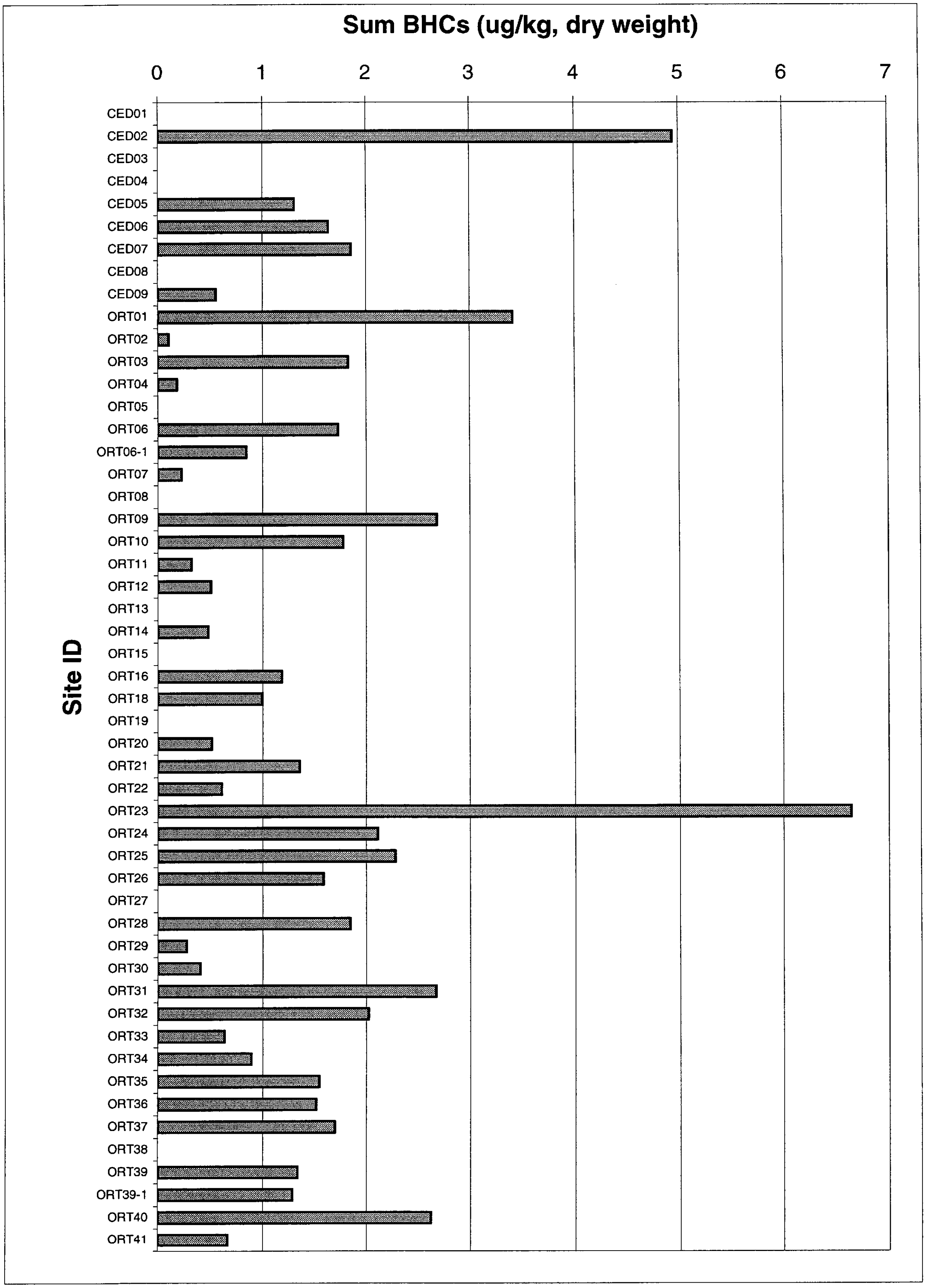

TOC Normalized Sum PCBs (ug/g TOC)
0
10
20
30
40
50
60
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

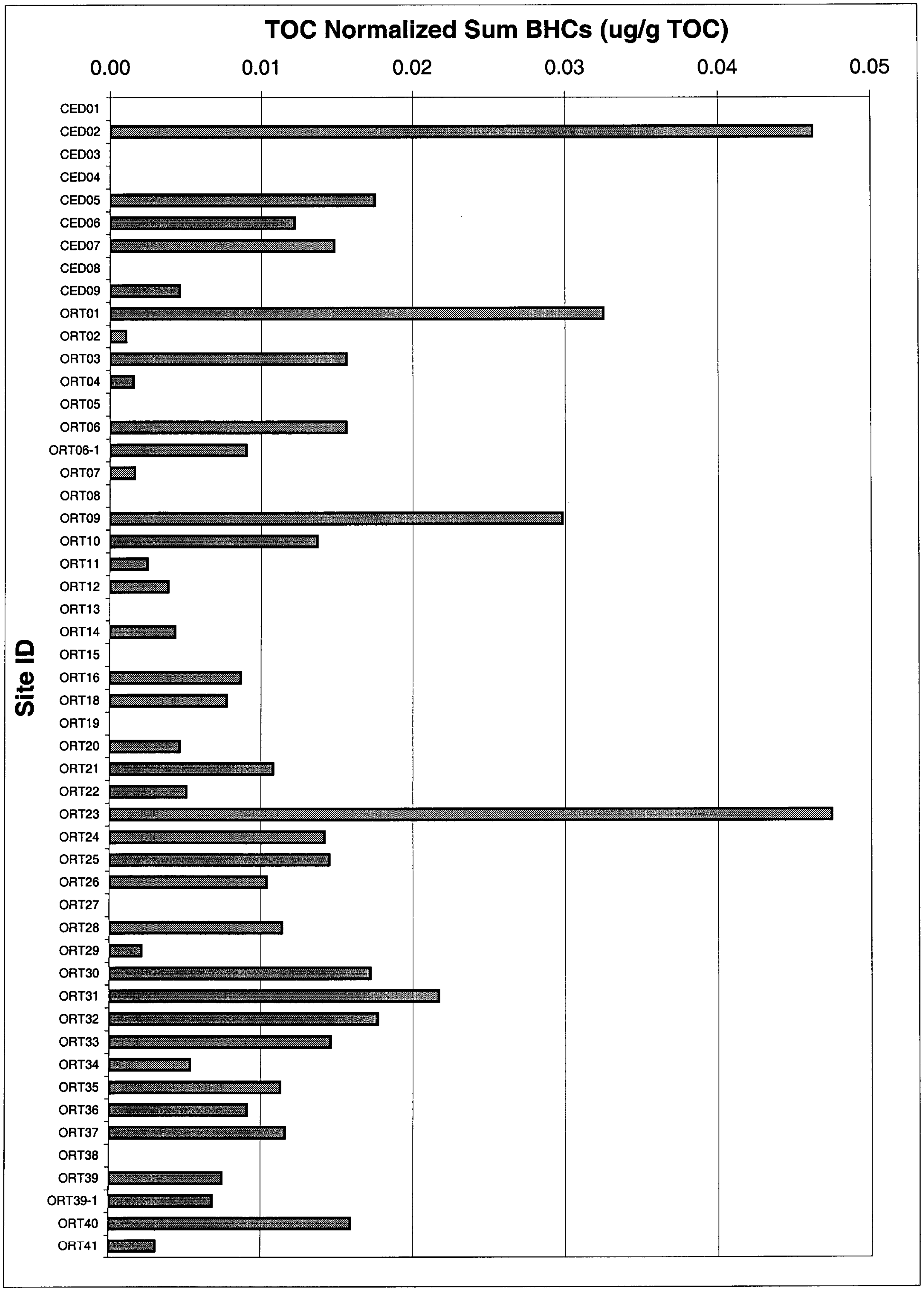

Sum DDTs (ug/kg, dry weight)
0
20
40
60
80
100
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

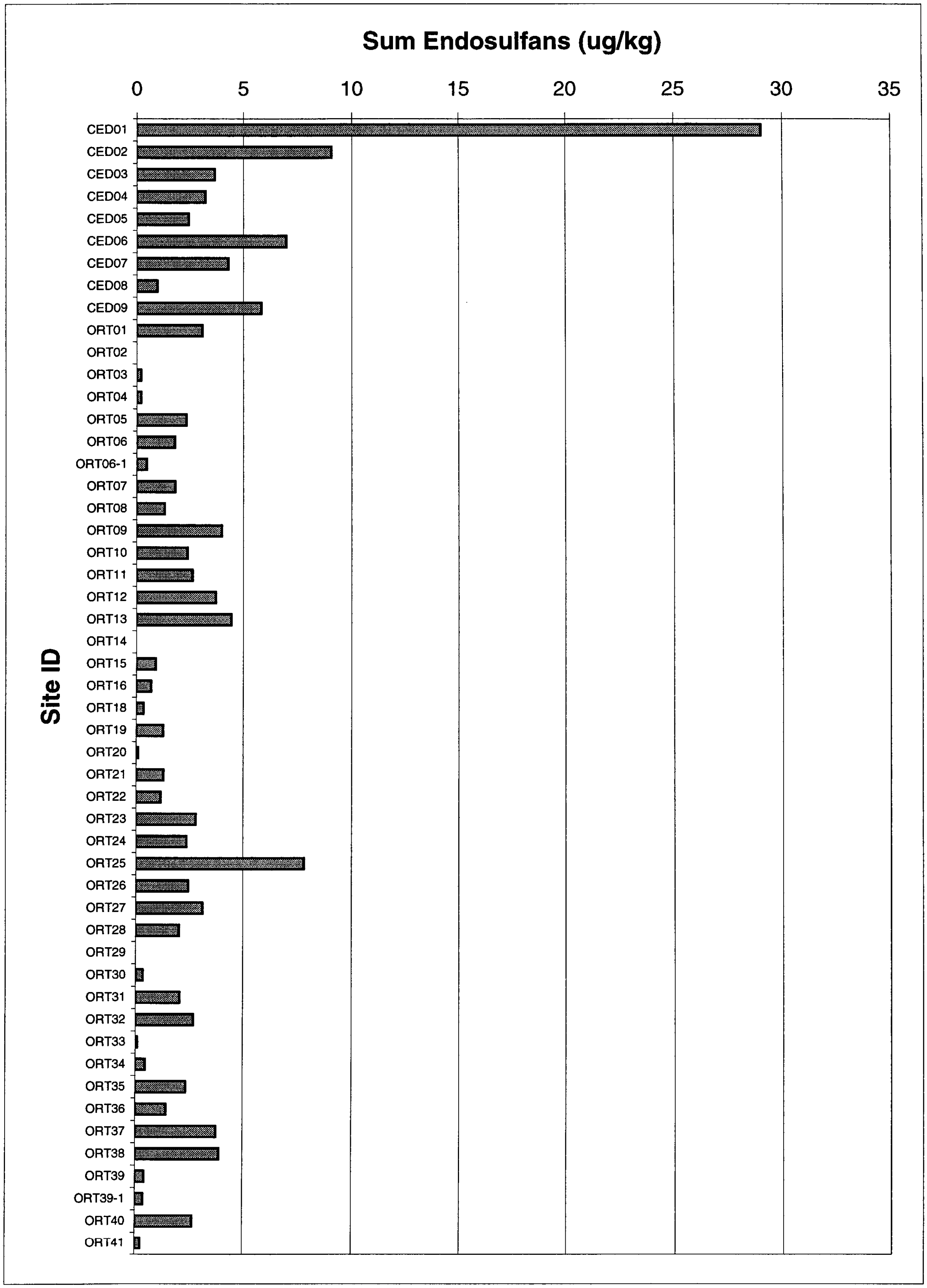

TOC Normalized Sum DDTs (ug/g TOC)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

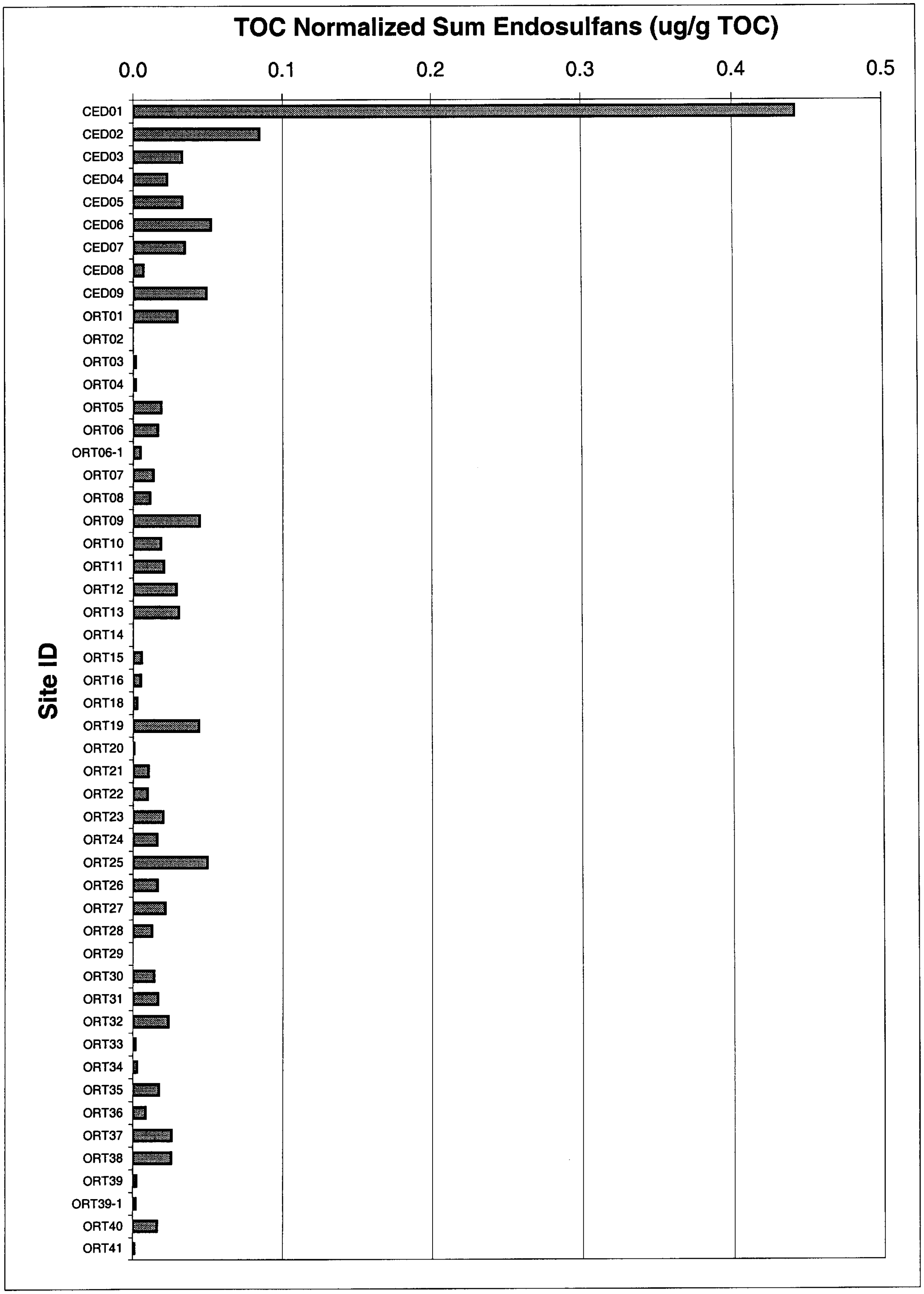

Sum Chlordanes (ug/kg, dry weight)
0
20
40
60
80
100
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

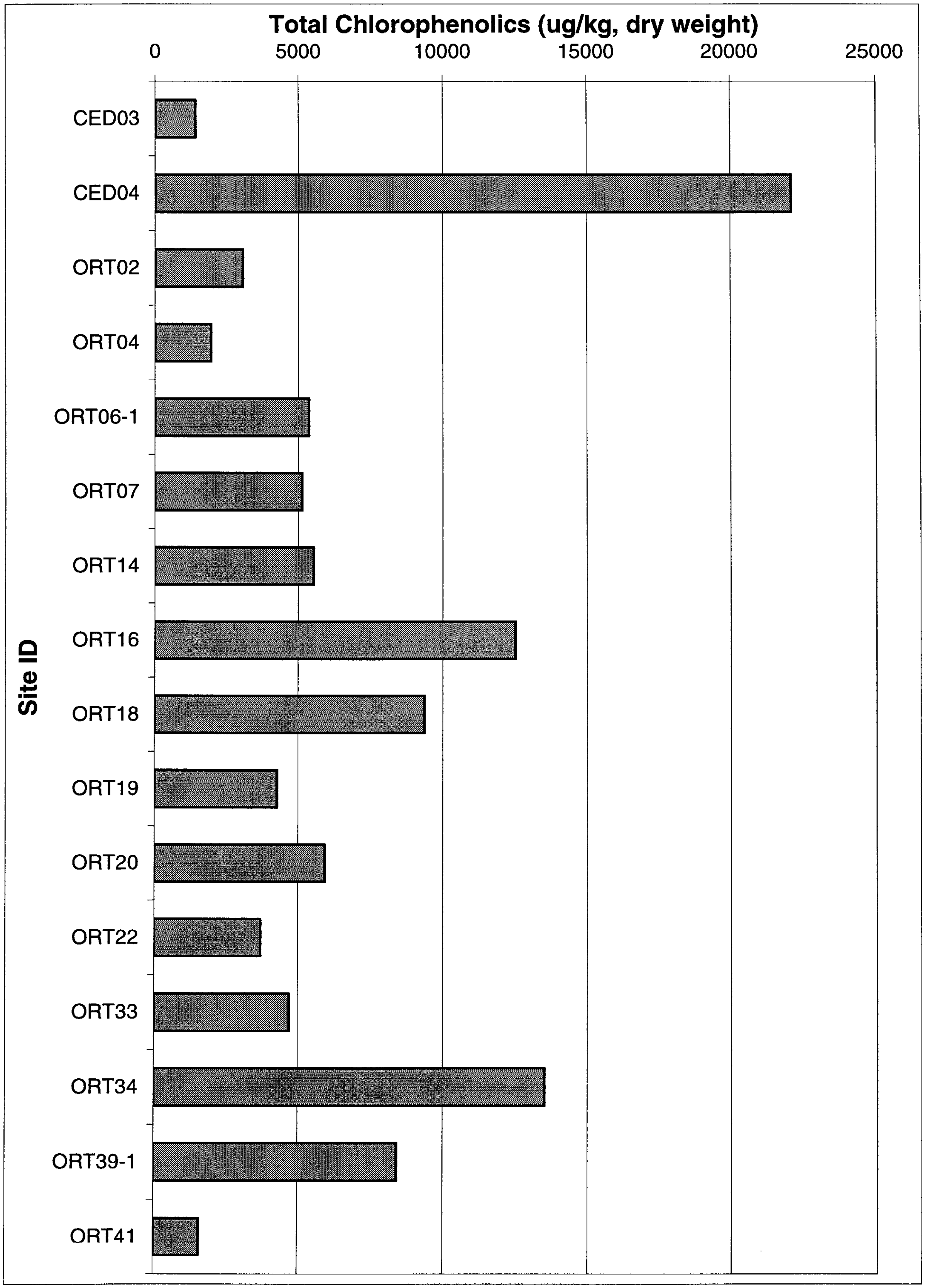

TOC Normalized Sum Chlordanes (ug/g TOC)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41


Sum BHCs (ug/kg, dry weight)
0
1
2
3
4
5
6
7
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

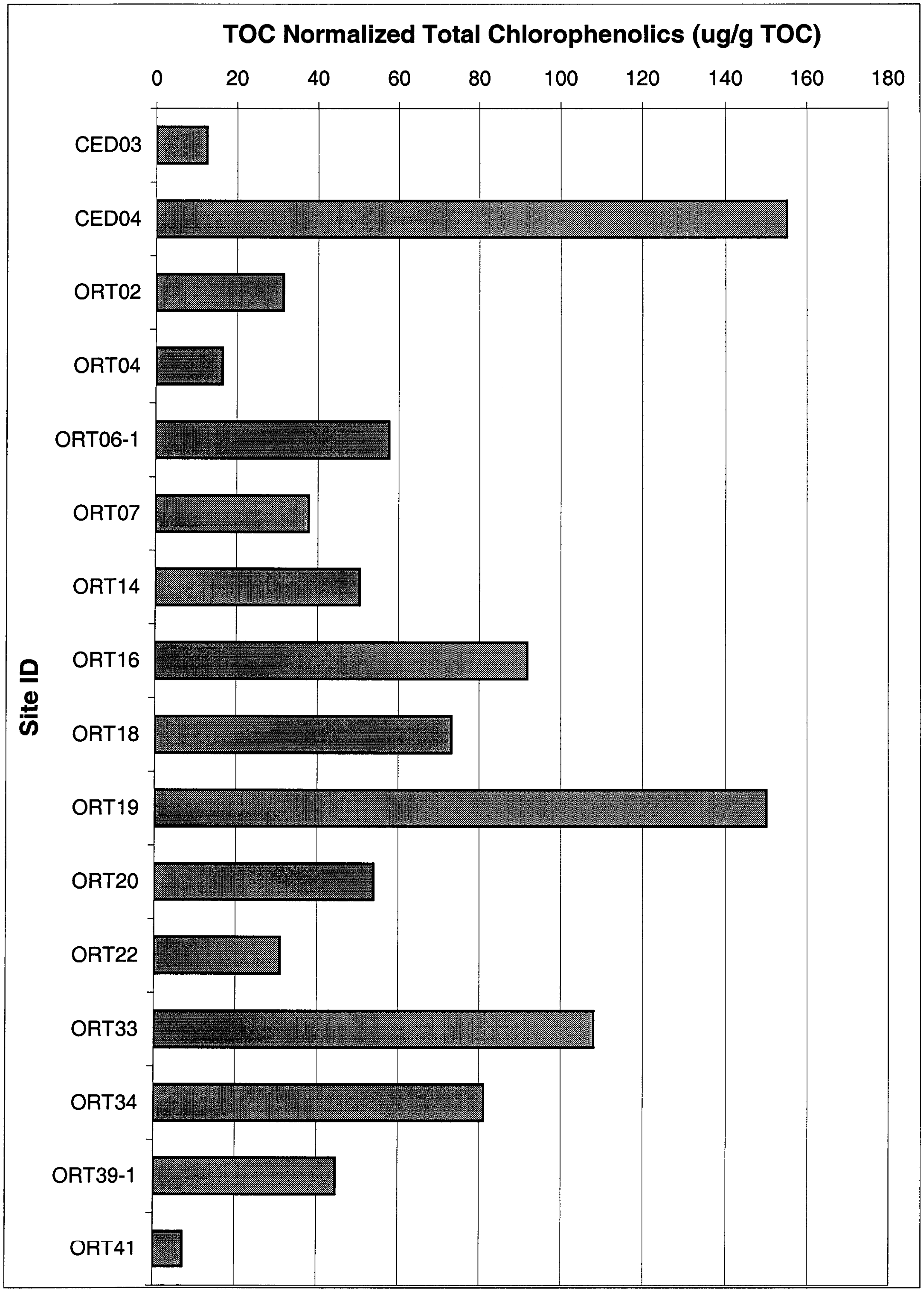

TOC Normalized Sum BHCs (ug/g TOC)
0.00
0.01
0.02
0.03
0.04
0.05
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41


Sum Endosulfans (ug/kg)
0
5
10
15
20
25
30
35
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

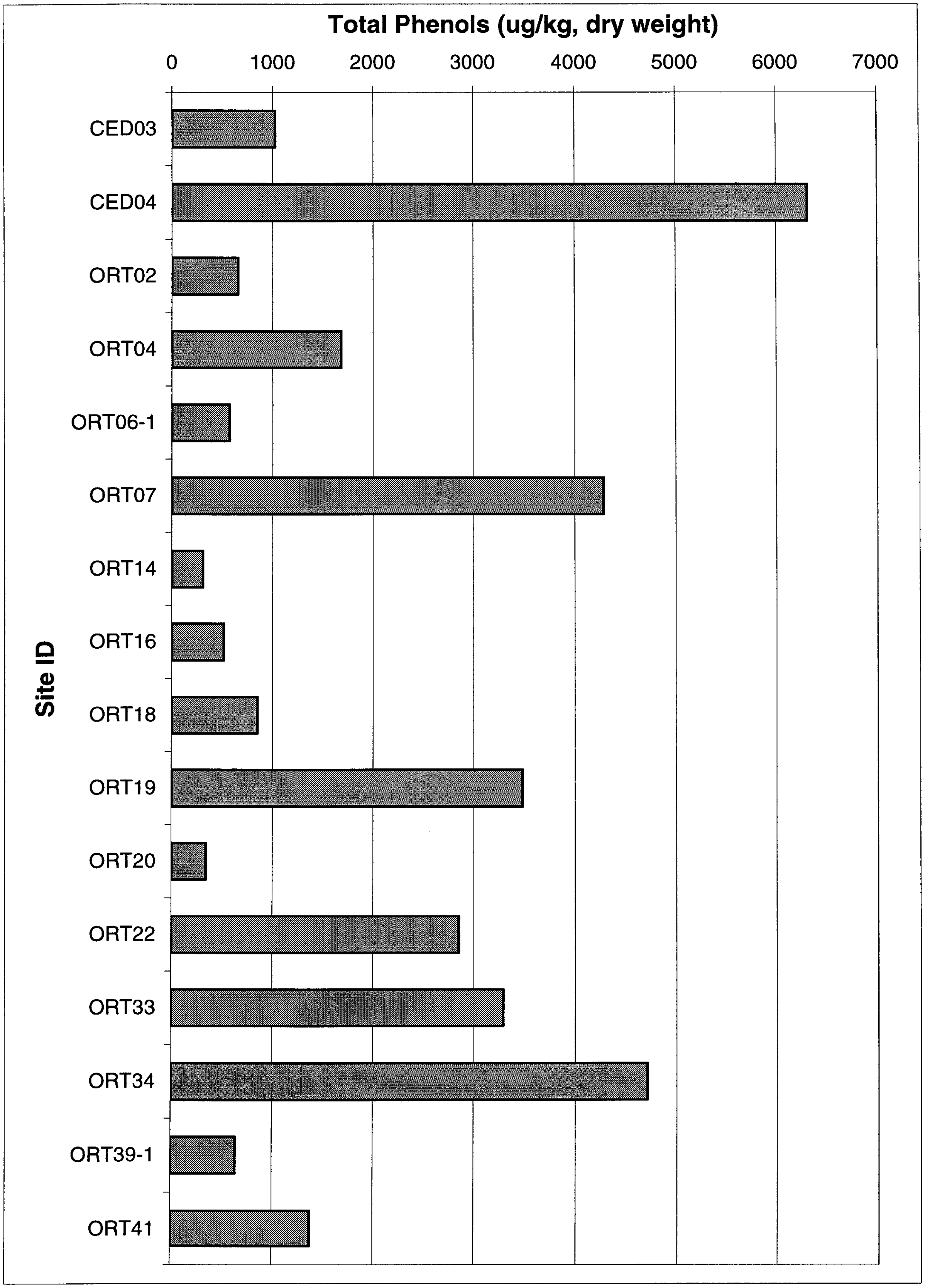

TOC Normalized Sum Endosulfans (ug/g TOC)
0.0
0.1
0.2
0.3
0.4
0.5
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41



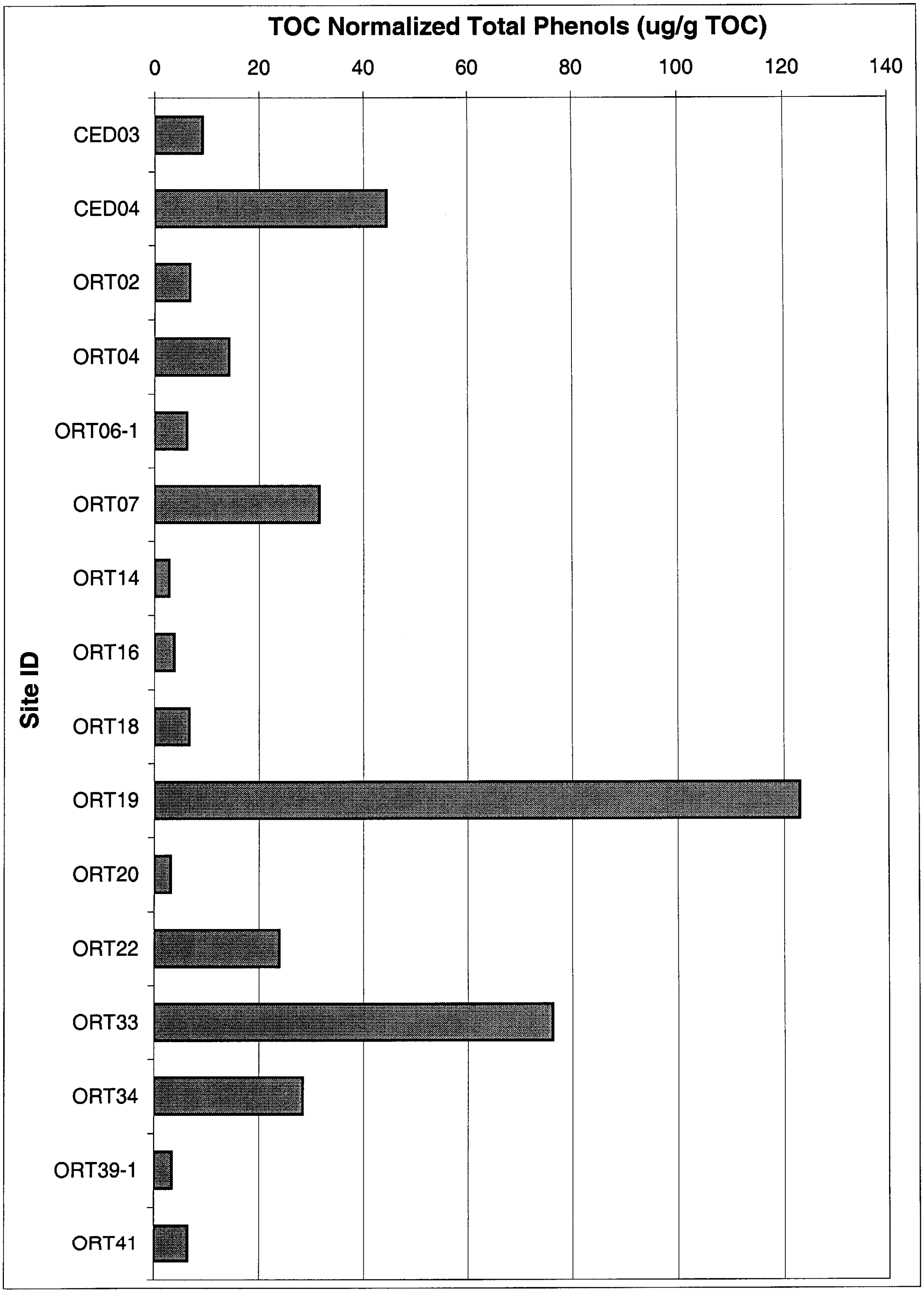
Total Chlorophenolics (ug/kg, dry weight)
0
5000
10000
15000
20000
25000
Site ID
CED03
CED04
ORT02
ORT04
ORT06-1
ORT07
ORT14
ORT16
ORT18
ORT19
ORT20
ORT22
ORT33
ORT34
ORT39-1
ORT41

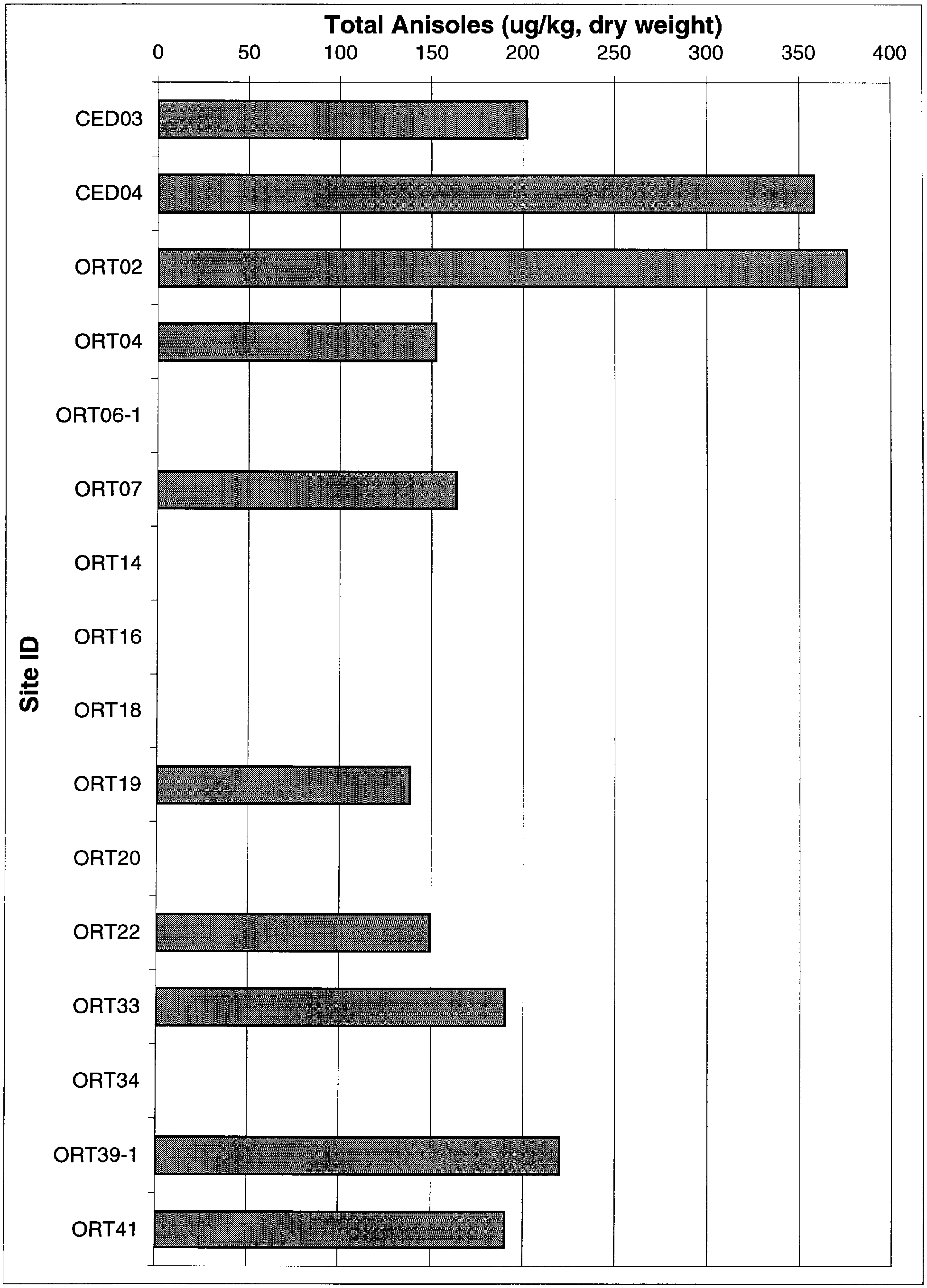


TOC Normalized Total Chlorophenolics (ug/g TOC)
0
20
40
60
80
100
120
140
160
180
Site ID
CED03
CED04
ORT02
ORT04
ORT06-1
ORT07
ORT14
ORT16
ORT18
ORT19
ORT20
ORT22
ORT33
ORT34
ORT39-1
ORT41

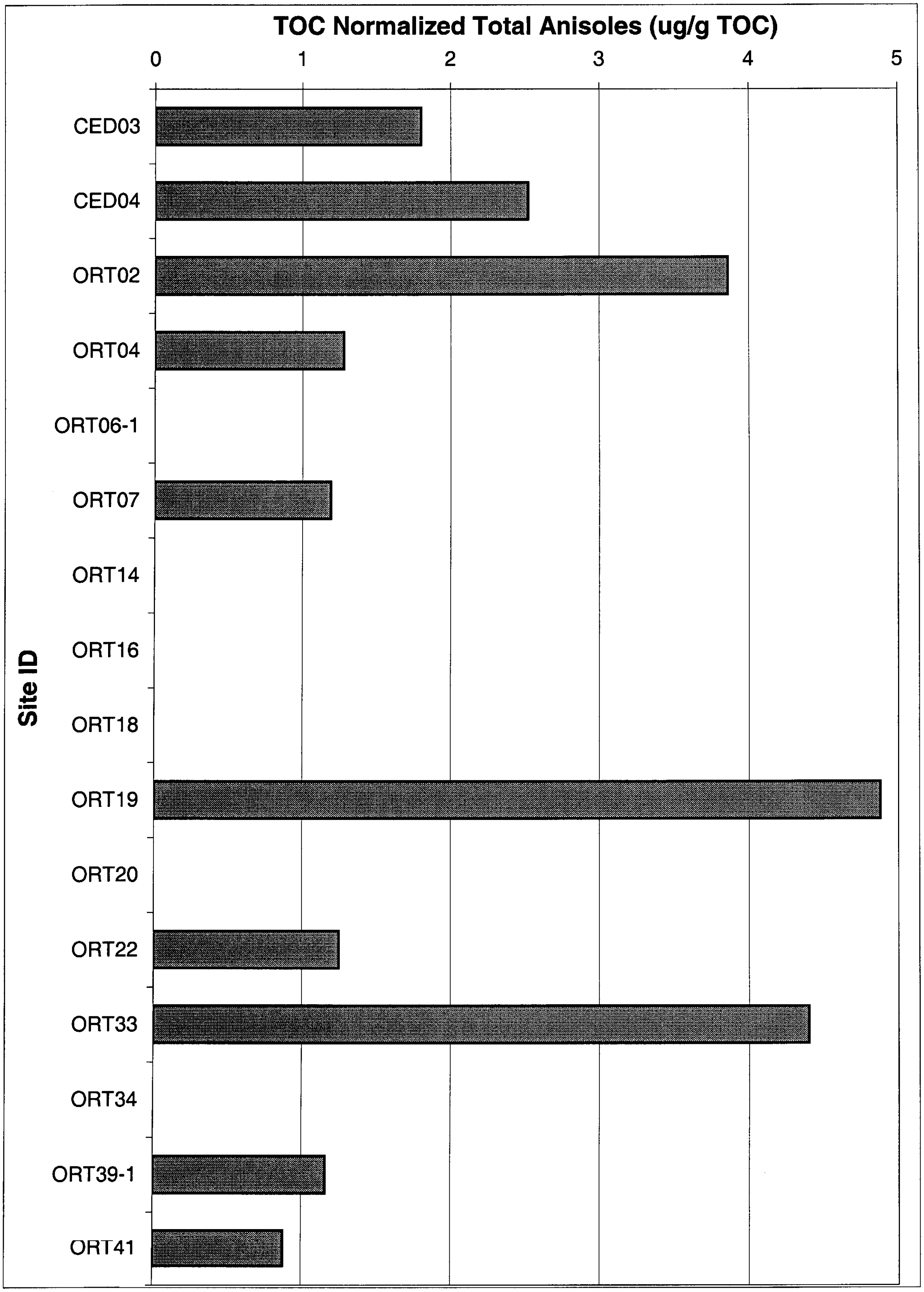


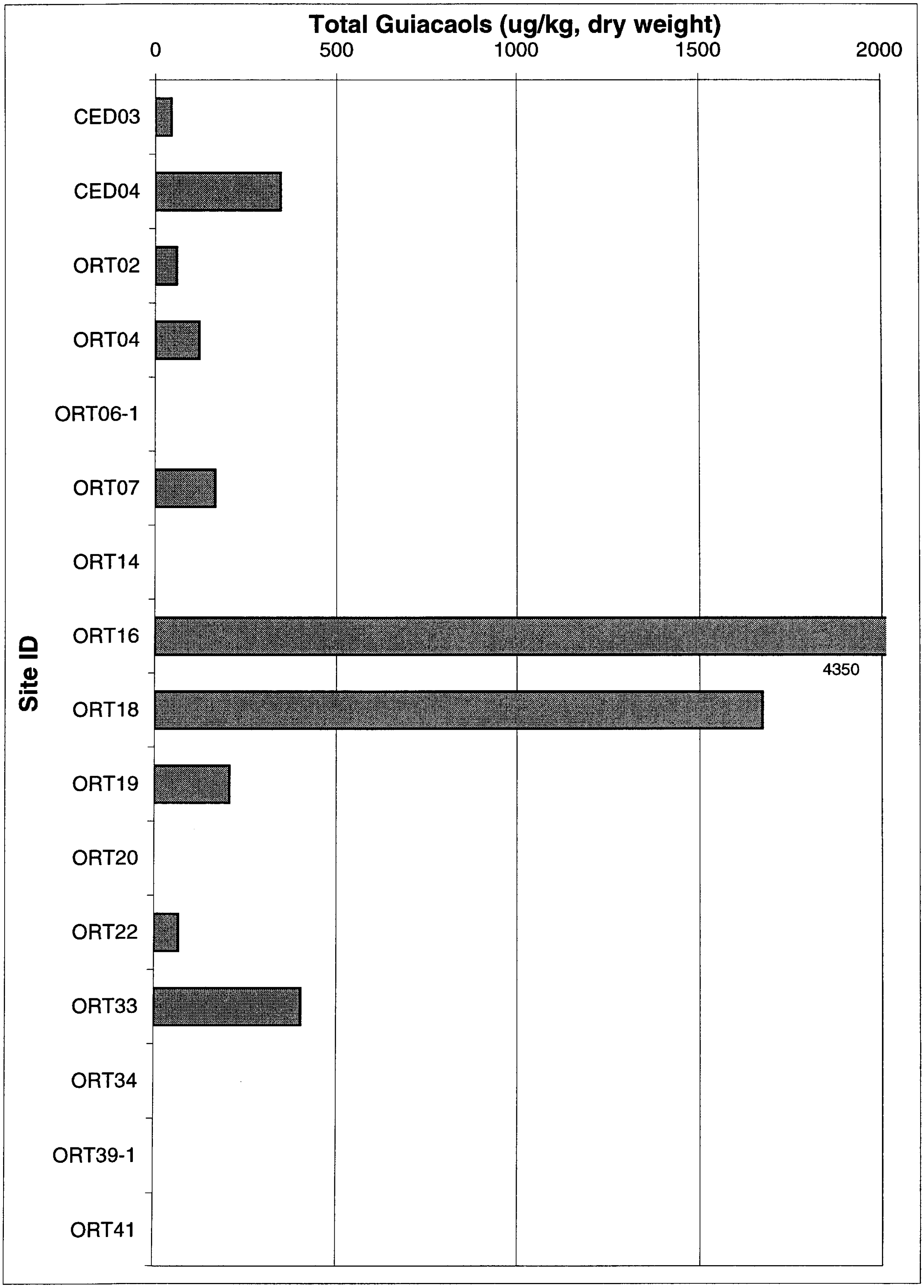
Total Phenols (ug/kg, dry weight)
0
1000
2000
3000
4000
5000
6000
7000
Site ID
CED03
CED04
ORT02
ORT04
ORT06-1
ORT07
ORT14
ORT16
ORT18
ORT19
ORT20
ORT22
ORT33
ORT34
ORT39-1
ORT41


TOC Normalized Total Phenols (ug/g TOC)
0
20
40
60
80
100
120
140
Site ID
CED03
CED04
ORT02
ORT04
ORT06-1
ORT07
ORT14
ORT16
ORT18
ORT19
ORT20
ORT22
ORT33
ORT34
ORT39-1
ORT41

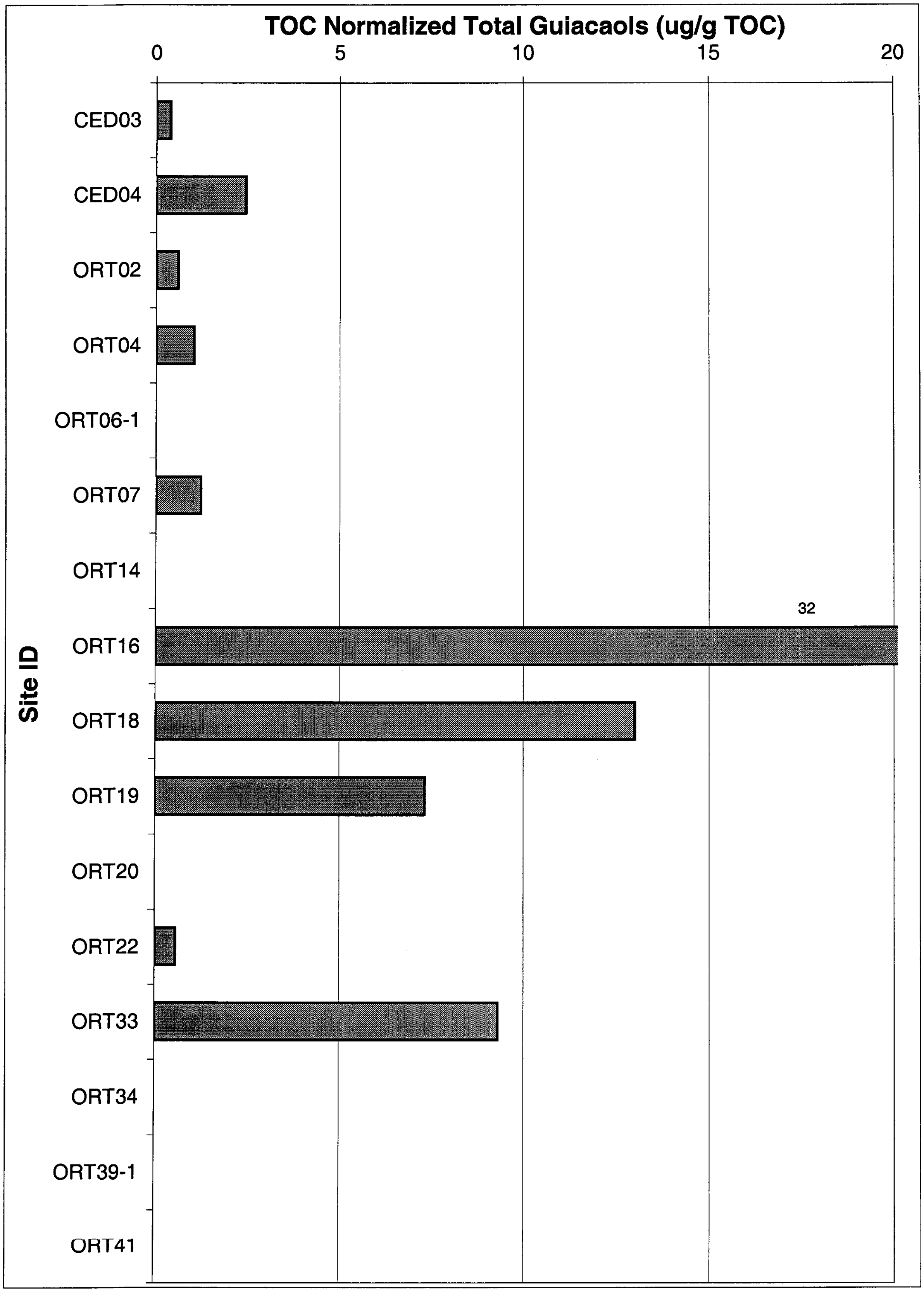


Total Anisoles (ug/kg, dry weight)
0
50
100
150
200
250
300
350
400
Site ID
CED03
CED04
ORT02
ORT04
ORT06-1
ORT07
ORT14
ORT16
ORT18
ORT19
ORT20
ORT22
ORT33
ORT34
ORT39-1
ORT41

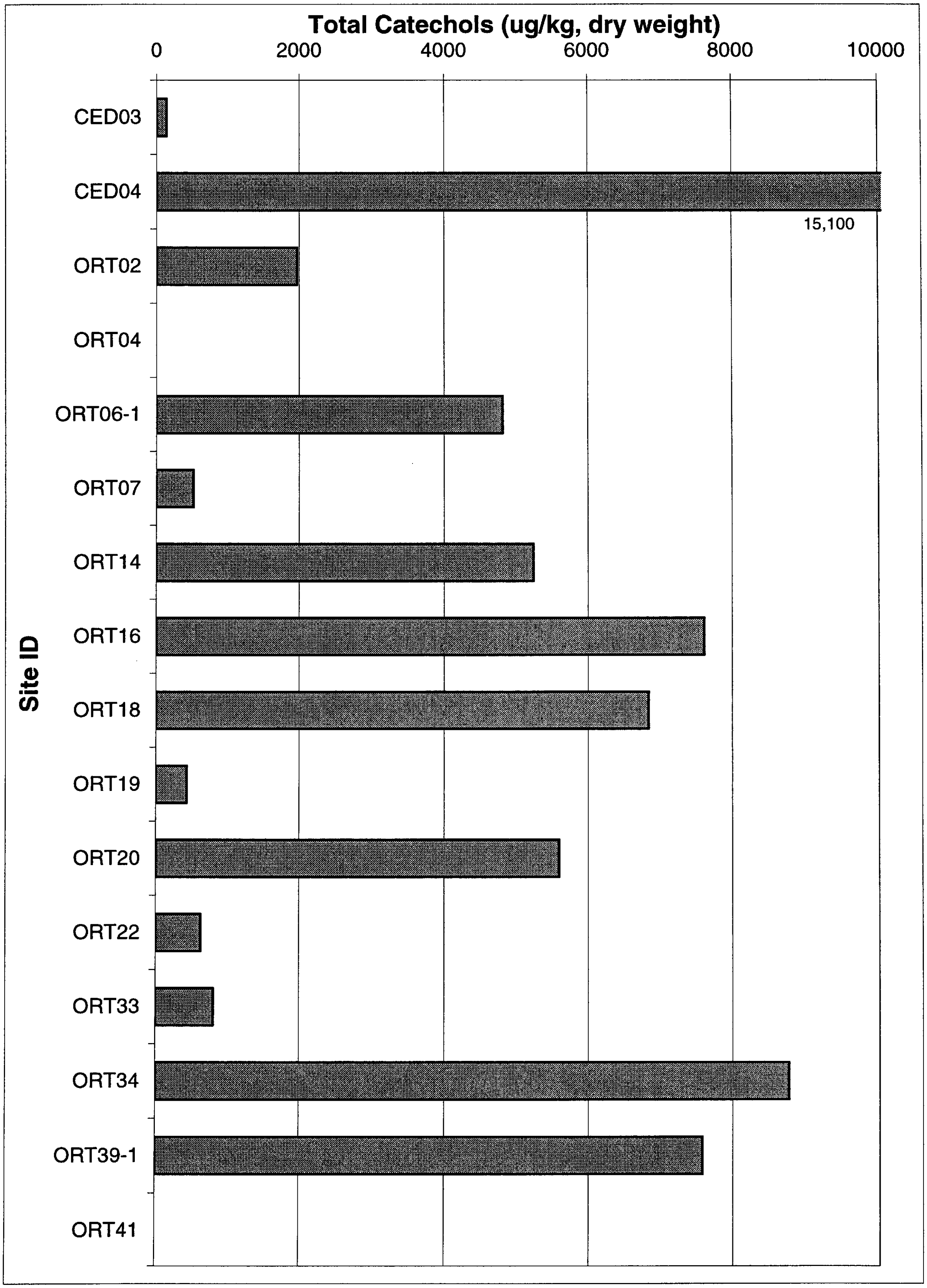

TOC Normalized Total Anisoles (ug/g TOC)
0
1
2
3
4
5
Site ID
CED03
CED04
ORT02
ORT04
ORT06-1
ORT07
ORT14
ORT16
ORT18
ORT19
ORT20
ORT22
ORT33
ORT34
ORT39-1
ORT41



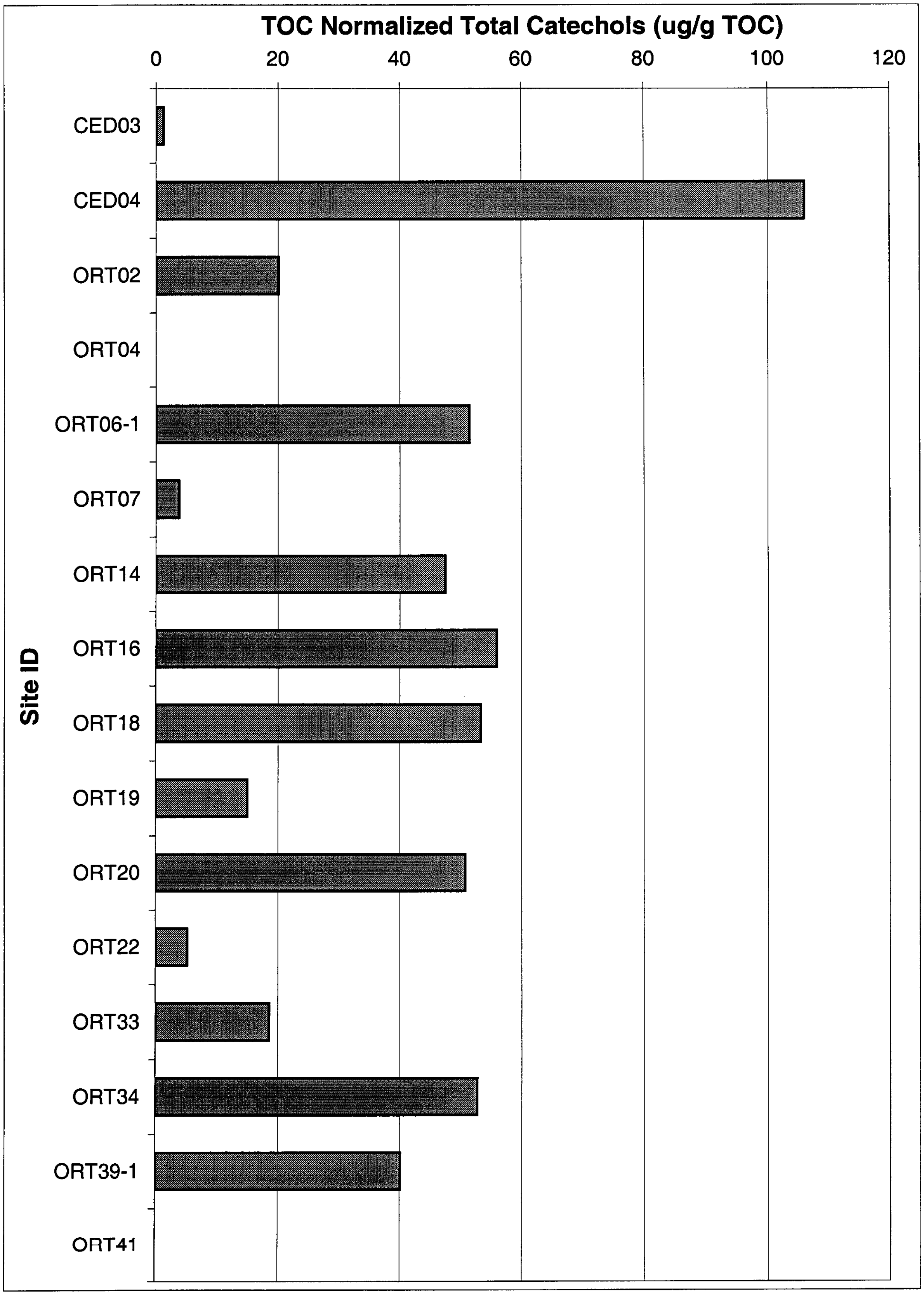
Total Guiacaols (ug/kg, dry weight)
0
500
1000
1500
2000
Site ID
CED03
CED04
ORT02
ORT04
ORT06-1
ORT07
ORT14
ORT16
4350
ORT18
ORT19
ORT20
ORT22
ORT33
ORT34
ORT39-1
ORT41



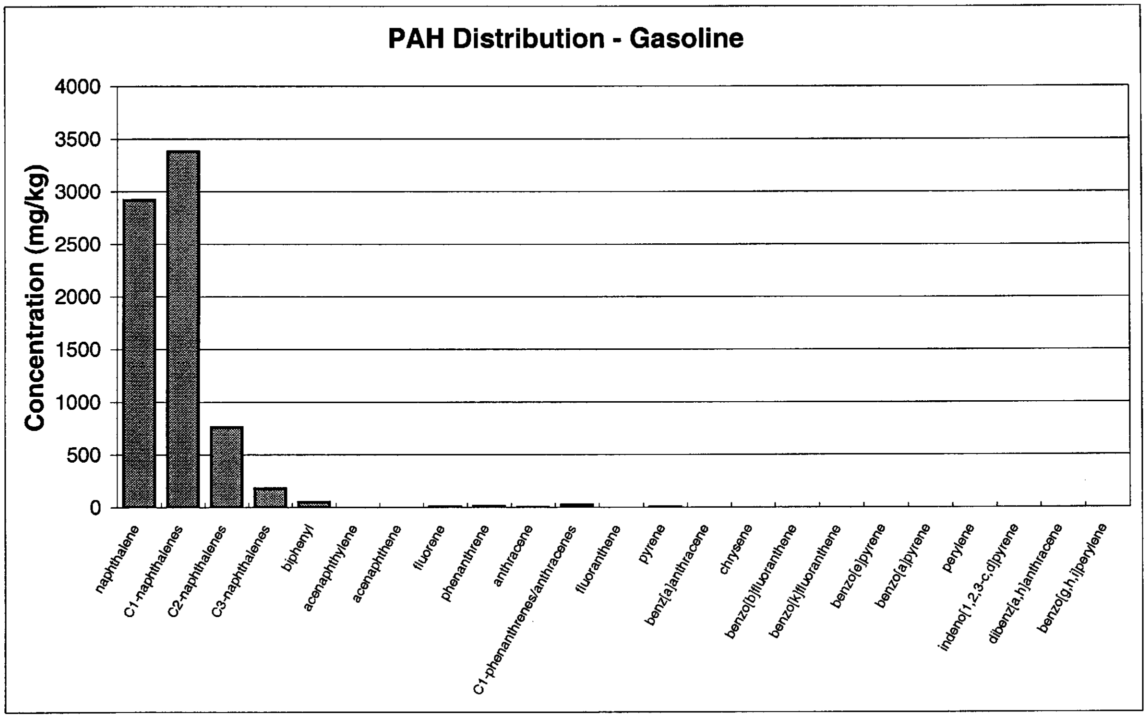
TOC Normalized Total Guiacaols (ug/g TOC)
0
5
10
15
20
Site ID
CED03
CED04
ORT02
ORT04
ORT06-1
ORT07
ORT14
ORT16
32
ORT18
ORT19
ORT20
ORT22
ORT33
ORT34
ORT39-1
ORT41

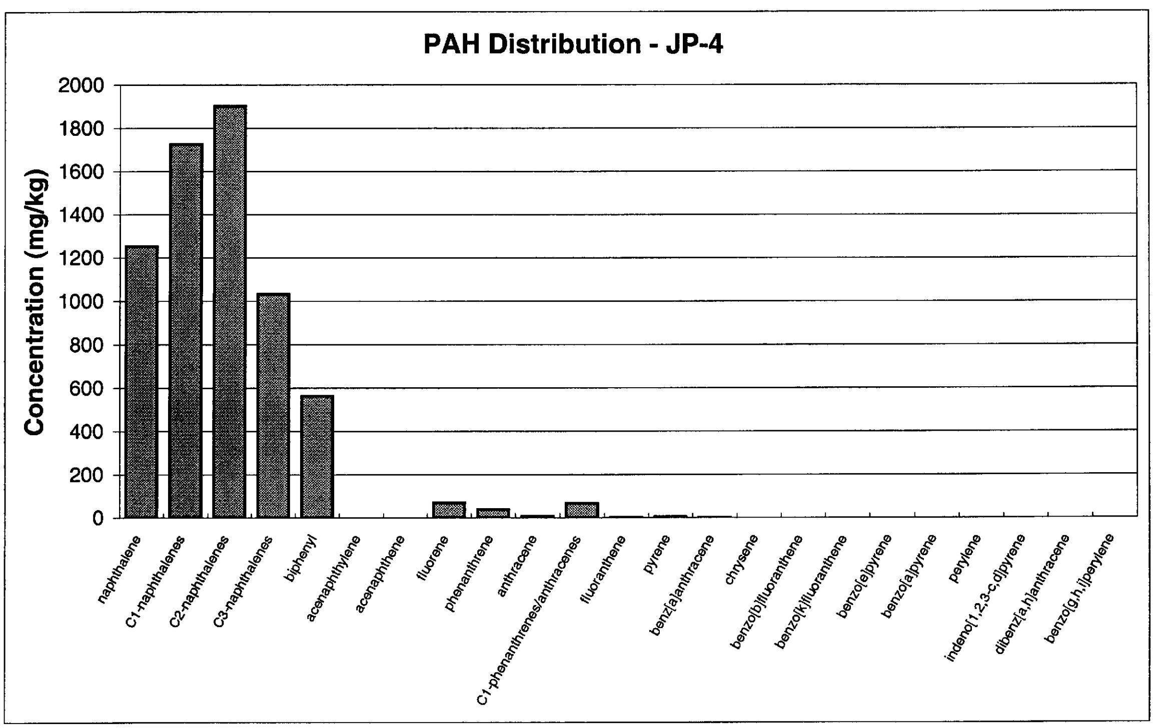


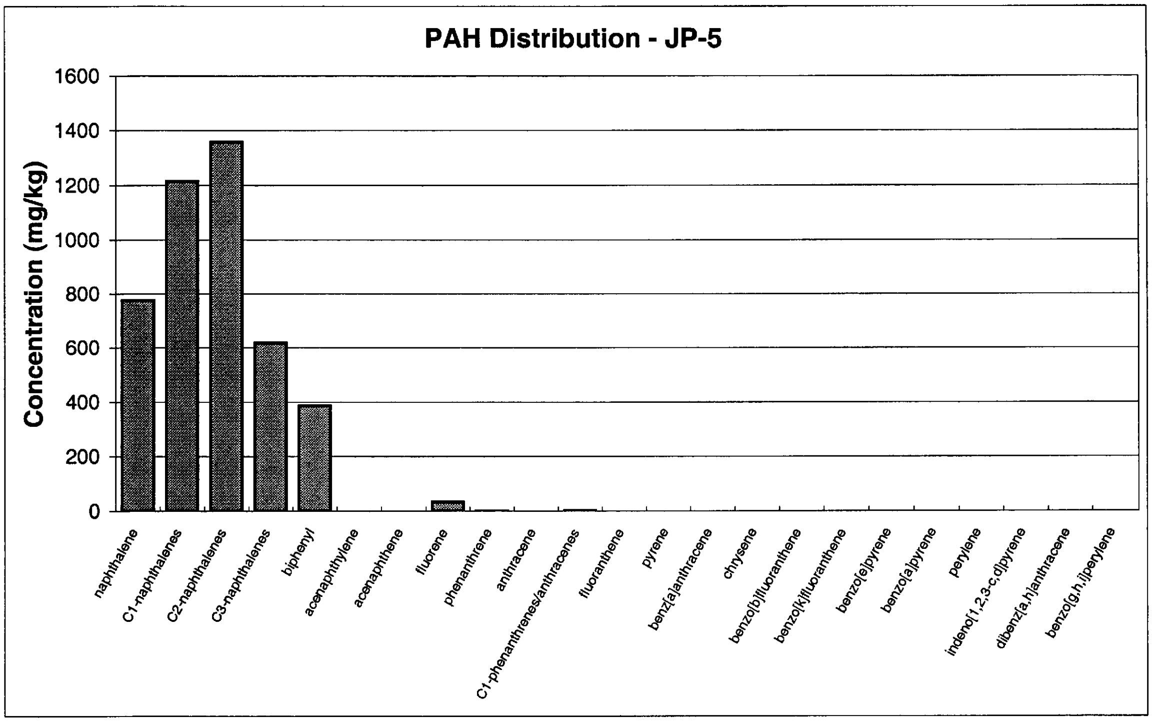
Total Catechols (ug/kg, dry weight)
0
2000
4000
6000
8000
10000
Site ID
CED03
CED04
15,100
ORT02
ORT04
ORT06-1
ORT07
ORT14
ORT16
ORT18
ORT19
ORT20
ORT22
ORT33
ORT34
ORT39-1
ORT41

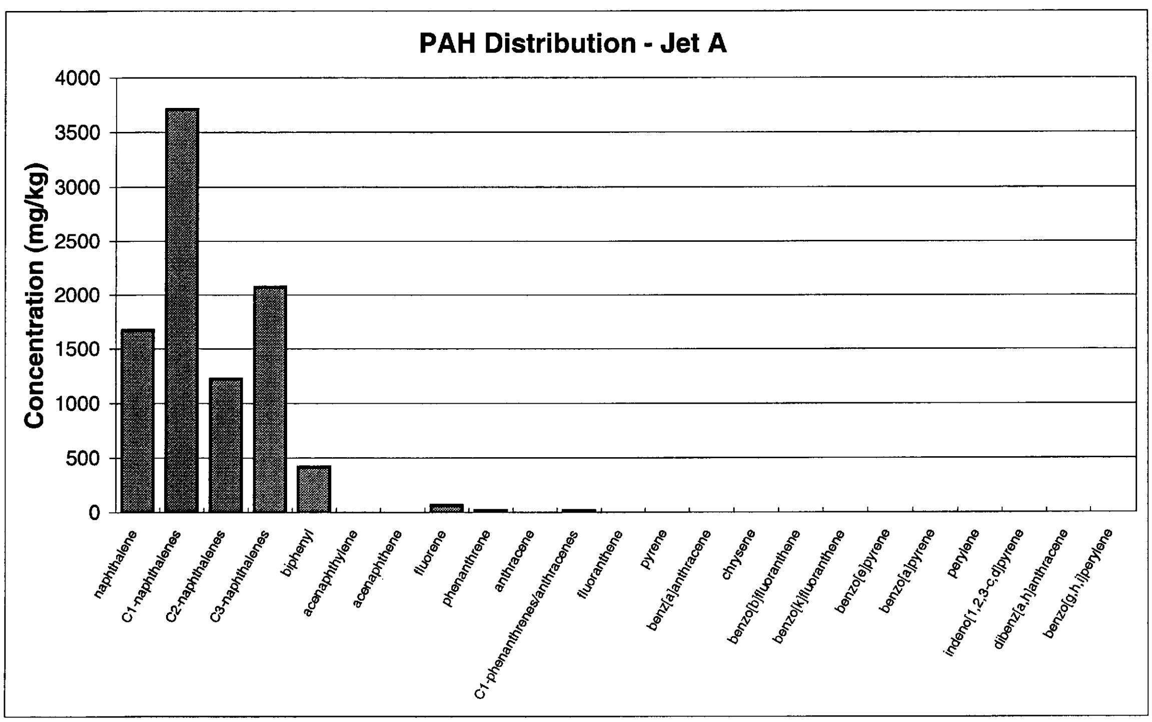

TOC Normalized Total Catechols (ug/g TOC)
0
20
40
60
80
100
120
Site ID
CED03
CED04
ORT02
ORT04
ORT06-1
ORT07
ORT14
ORT16
ORT18
ORT19
ORT20
ORT22
ORT33
ORT34
ORT39-1
ORT41

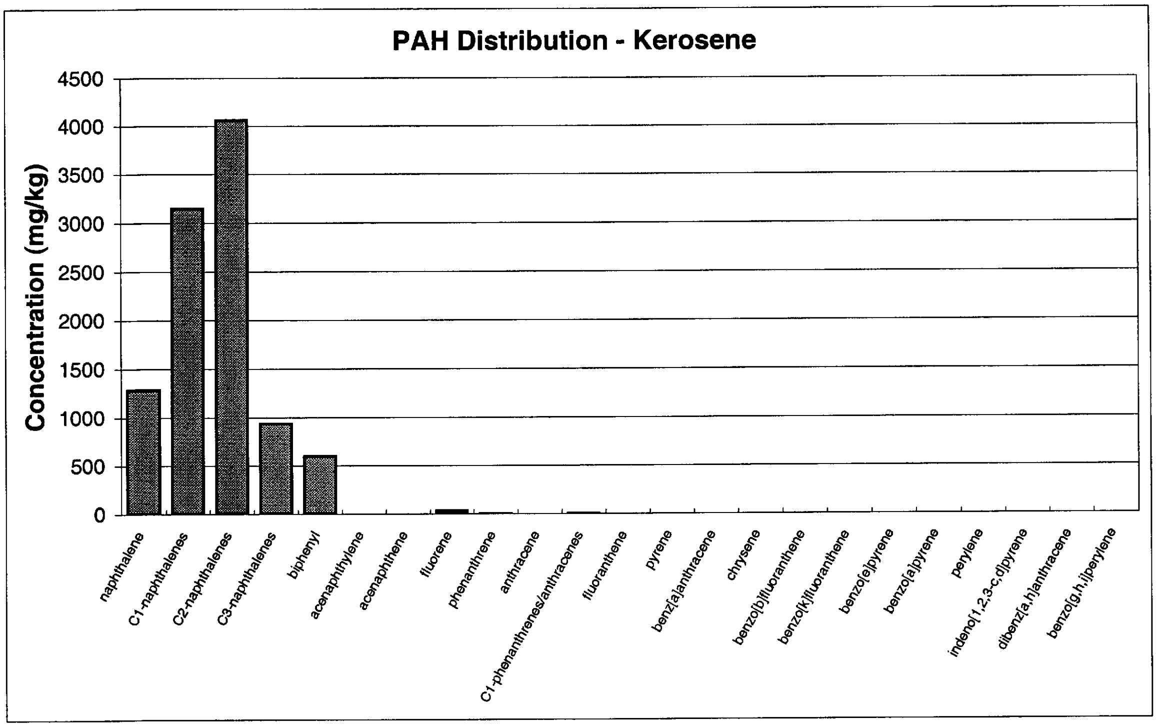
Appendix I. PAH Composition for Selected Sample Types and Petroleum Products

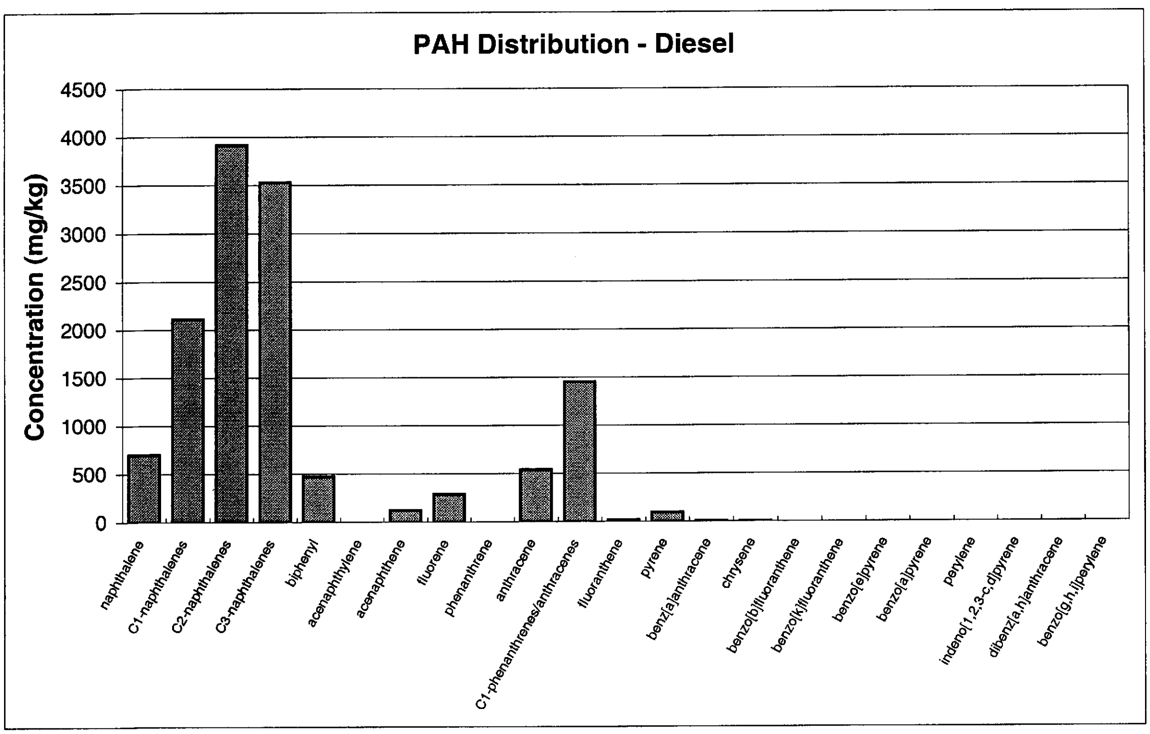

PAH Distribution - Gasoline
Concentration (mg/kg)
4000
3500
3000
2500
2000
1500
1000
500
0
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chrysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene

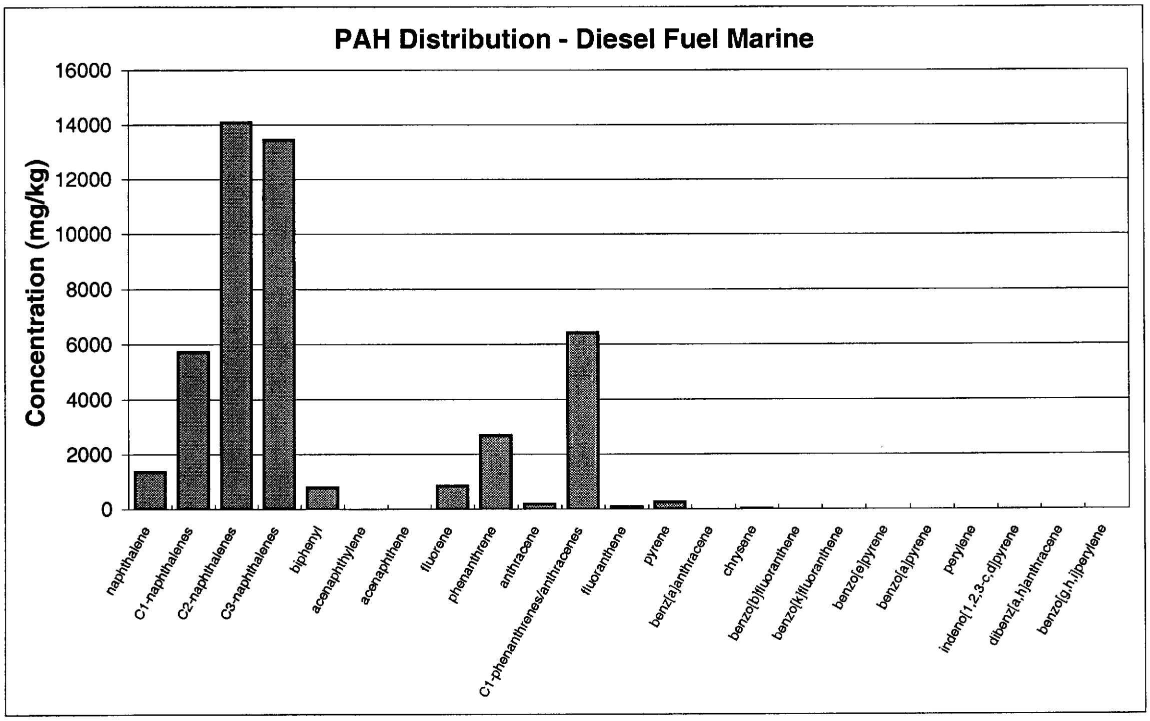

PAH Distribution - JP-4
Concentration (mg/kg)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chrysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene


PAH Distribution - JP-5
Concentration (mg/kg)
1600
1400
1200
1000
800
600
400
200
0
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chrysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene

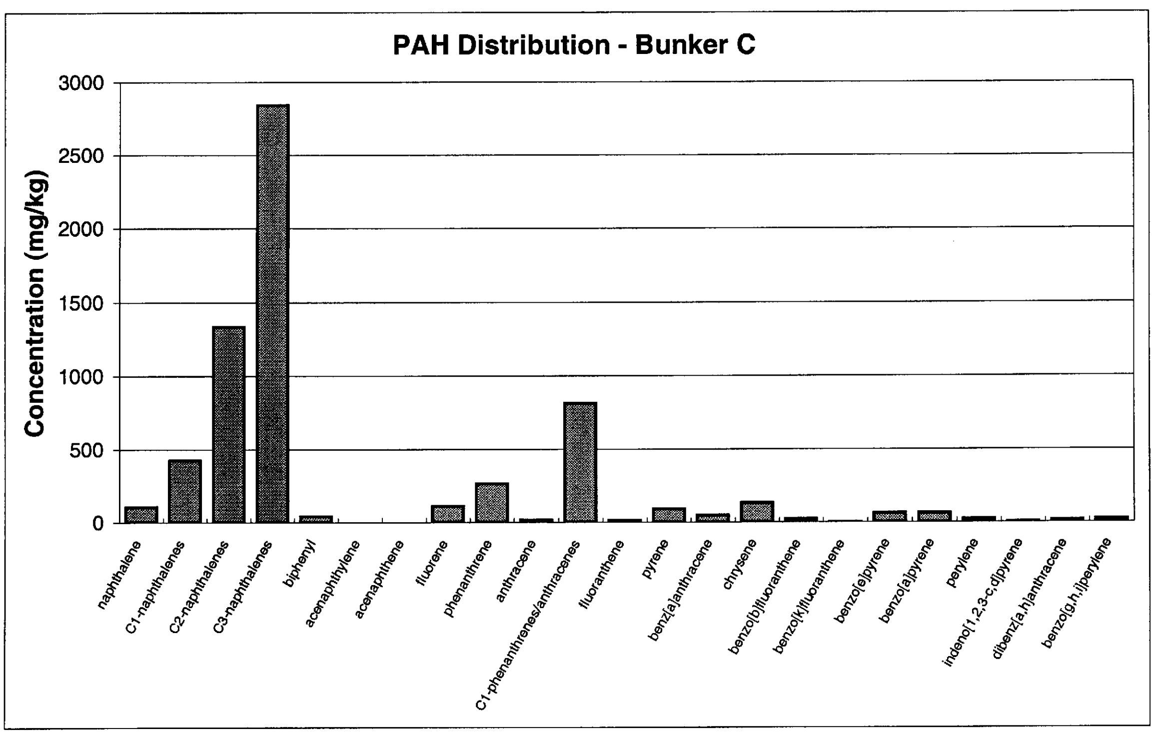

PAH Distribution - Jet A
Concentration (mg/kg)
4000
3500
3000
2500
2000
1500
1000
500
0
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chrysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene


PAH Distribution - Kerosene
Concentration (mg/kg)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chrysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene

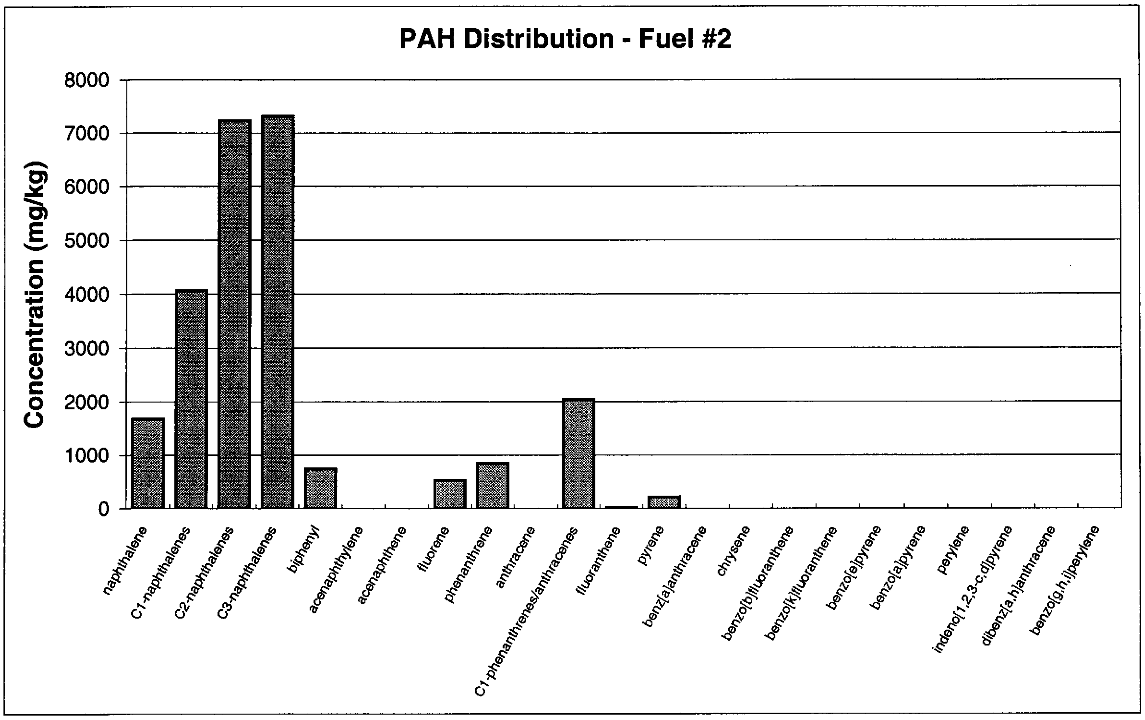

PAH Distribution - Diesel
Concentration (mg/kg)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chrysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene

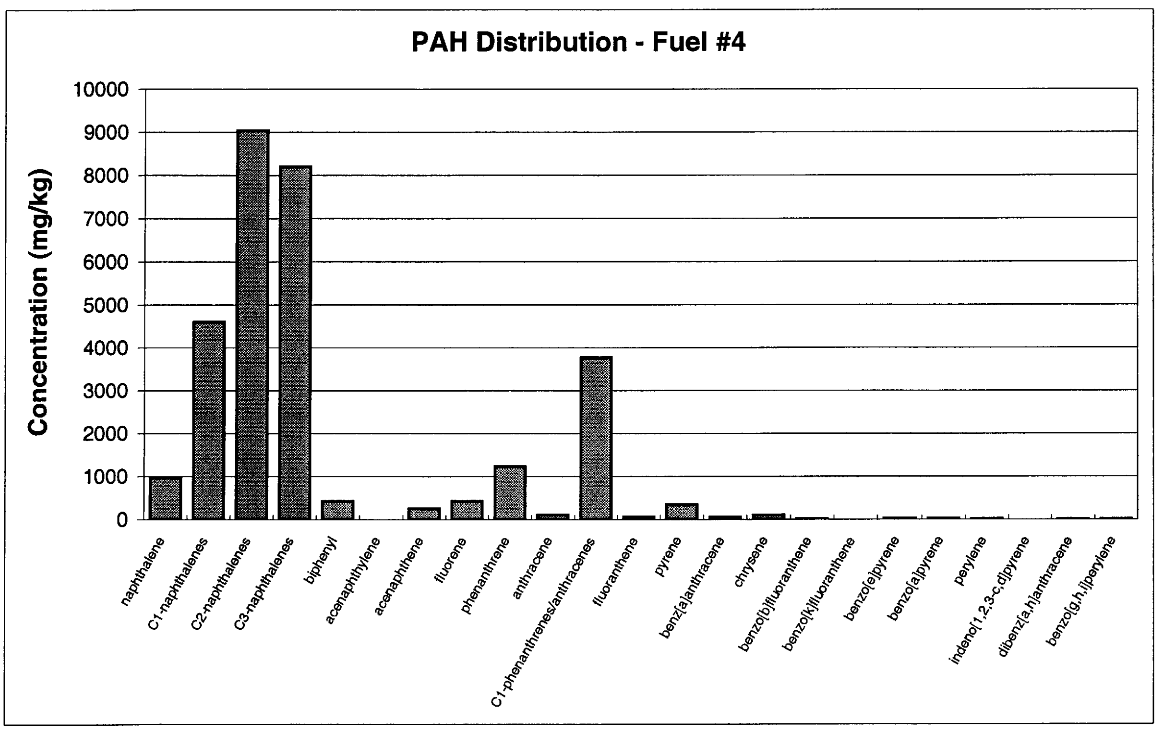


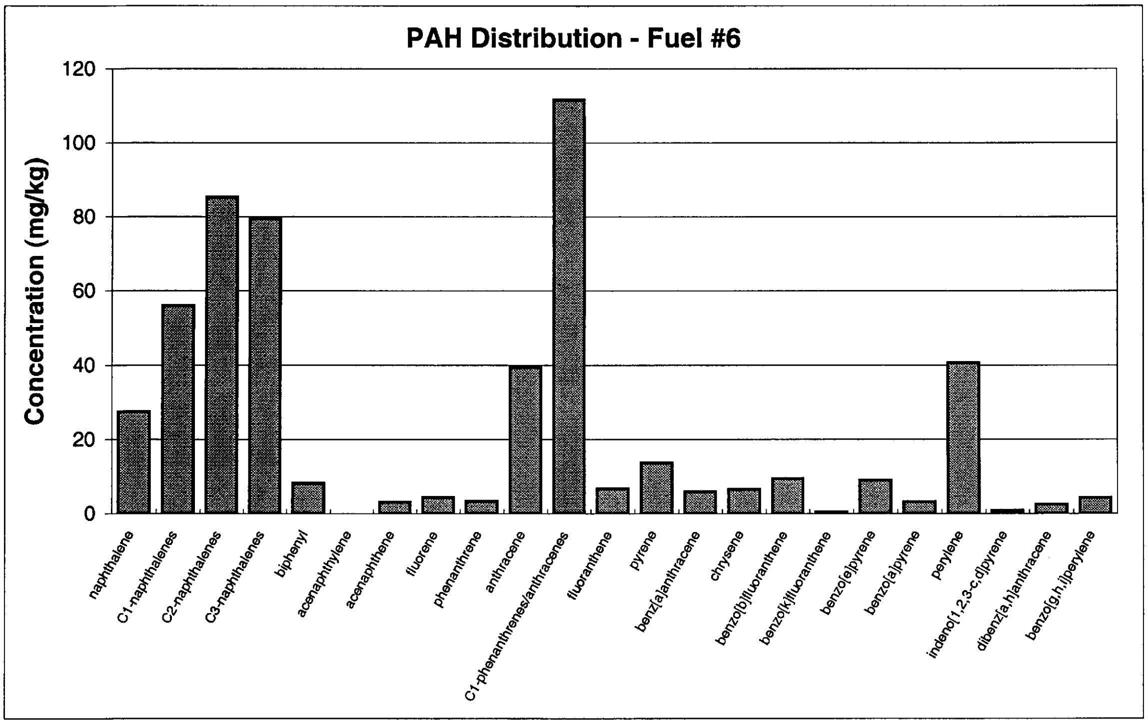
PAH Distribution - Diesel Fuel Marine
Concentration (mg/kg)
16000
14000
12000
10000
8000
6000
4000
2000
0
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene

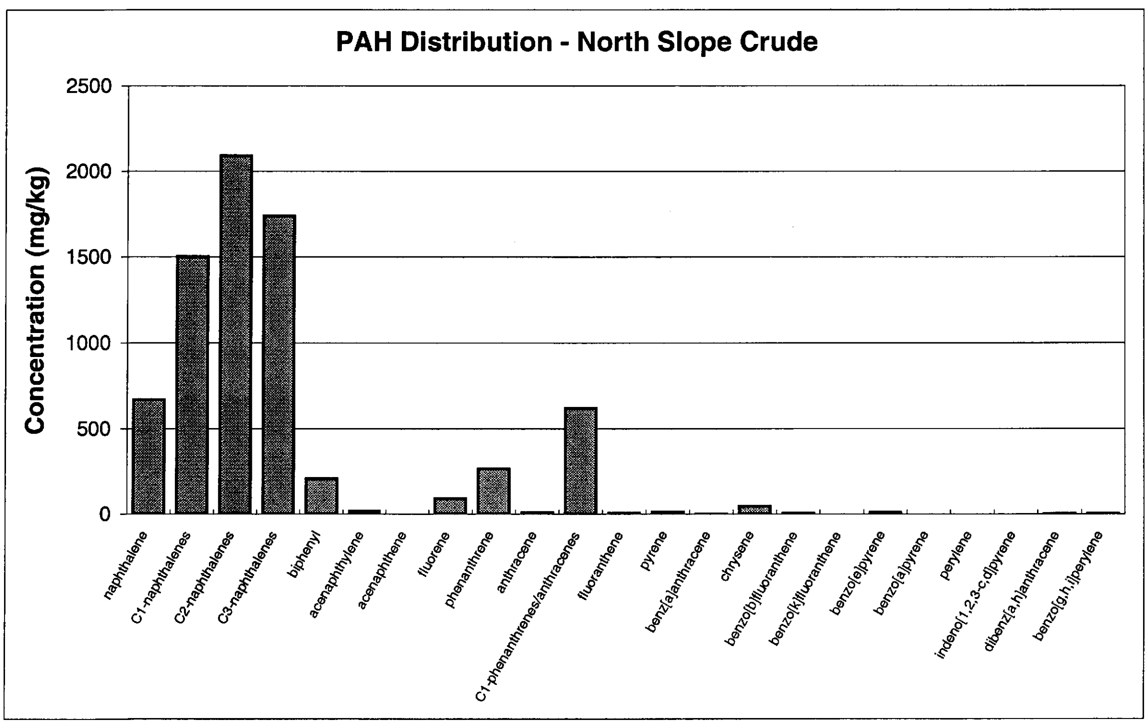


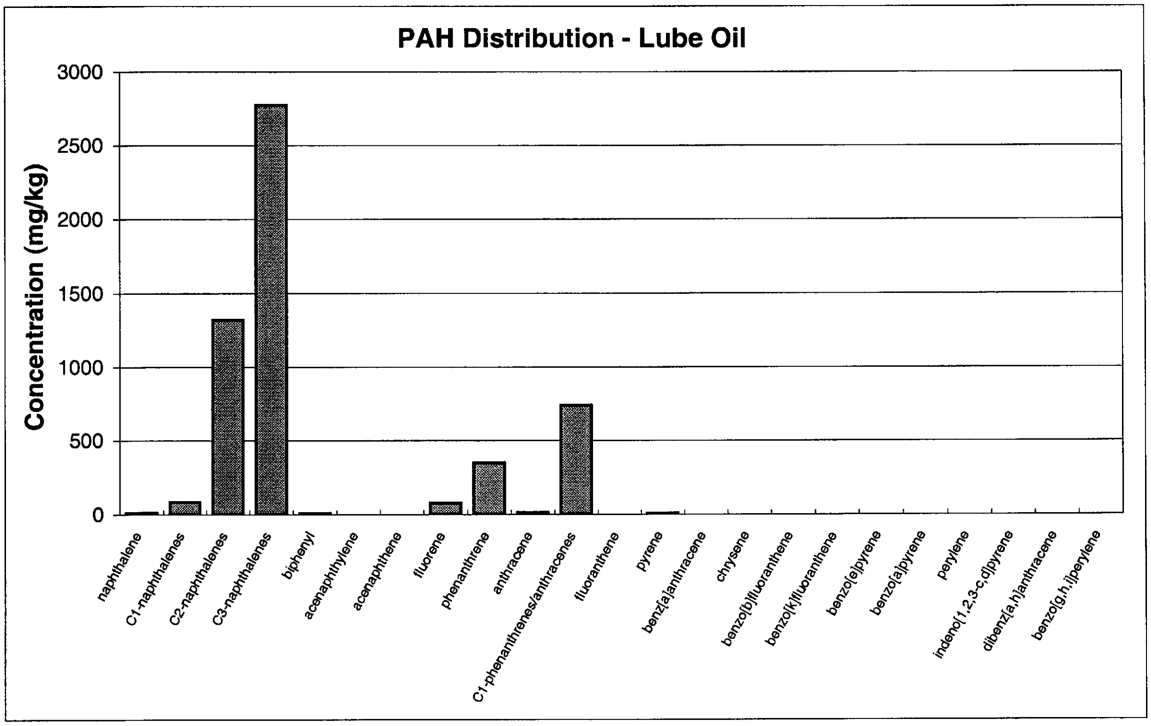
PAH Distribution - Bunker C
Concentration (mg/kg)
3000
2500
2000
1500
1000
500
0
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene

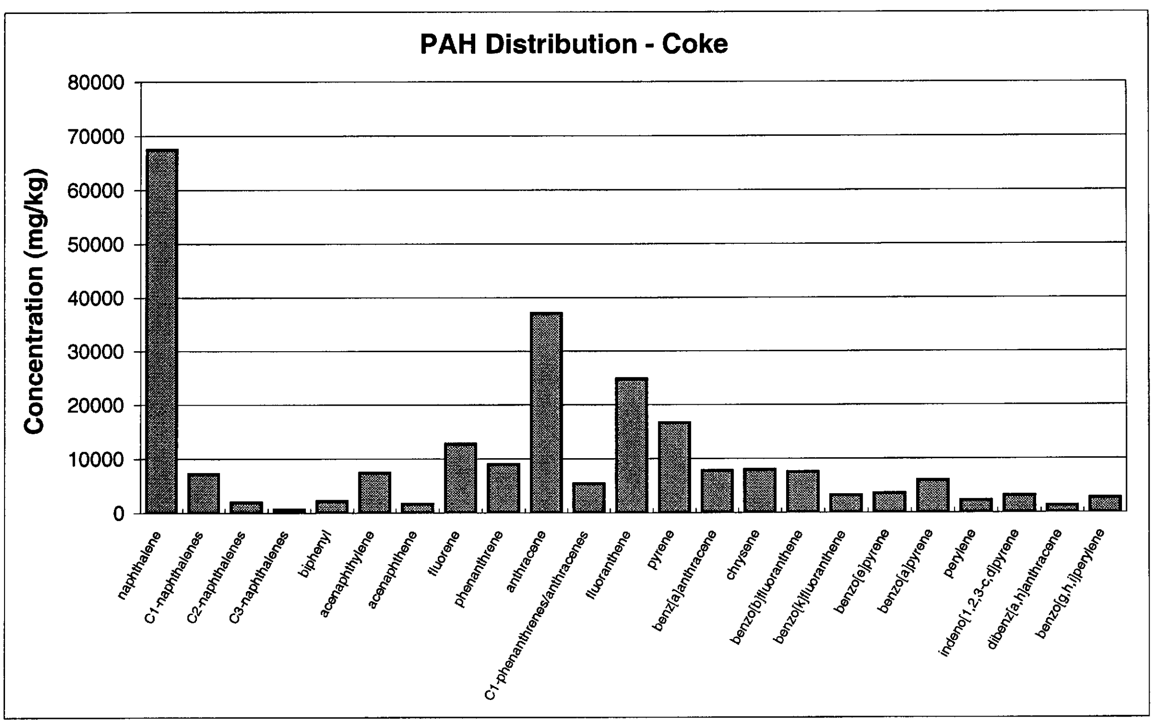

PAH Distribution - Fuel #2
Concentration (mg/kg)
8000
7000
6000
5000
4000
3000
2000
1000
0
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chrysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene

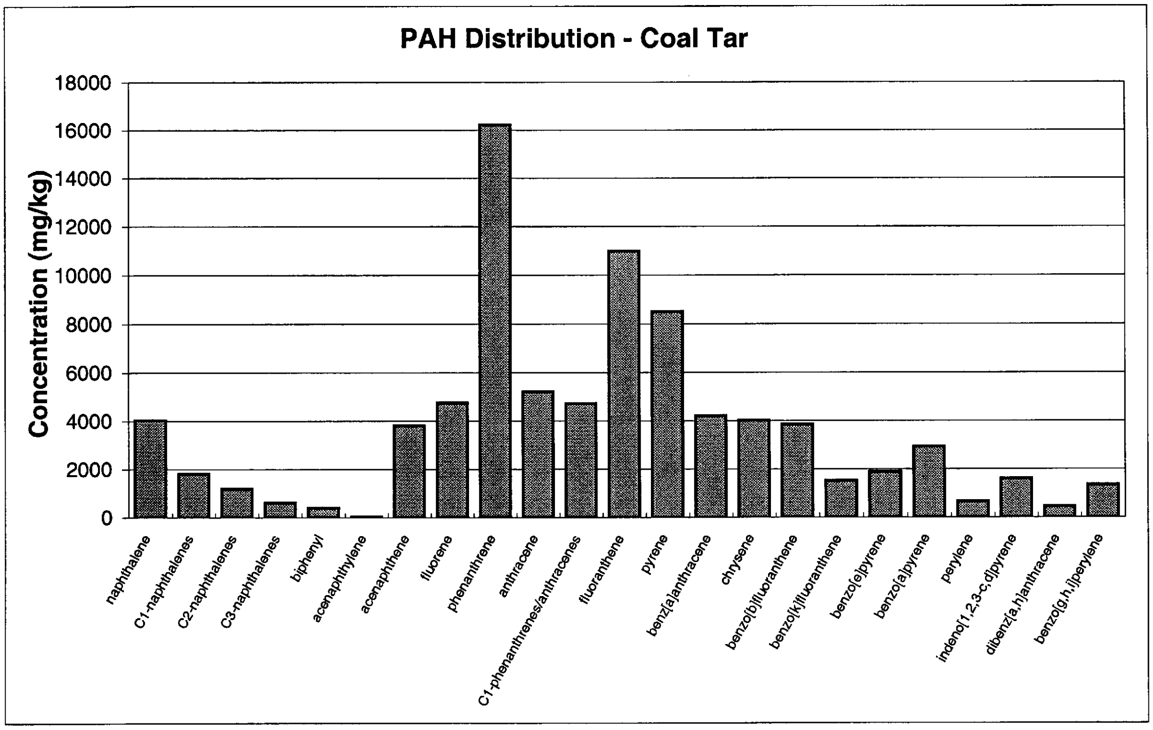

PAH Distribution - Fuel #4
Concentration (mg/kg)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chrysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene

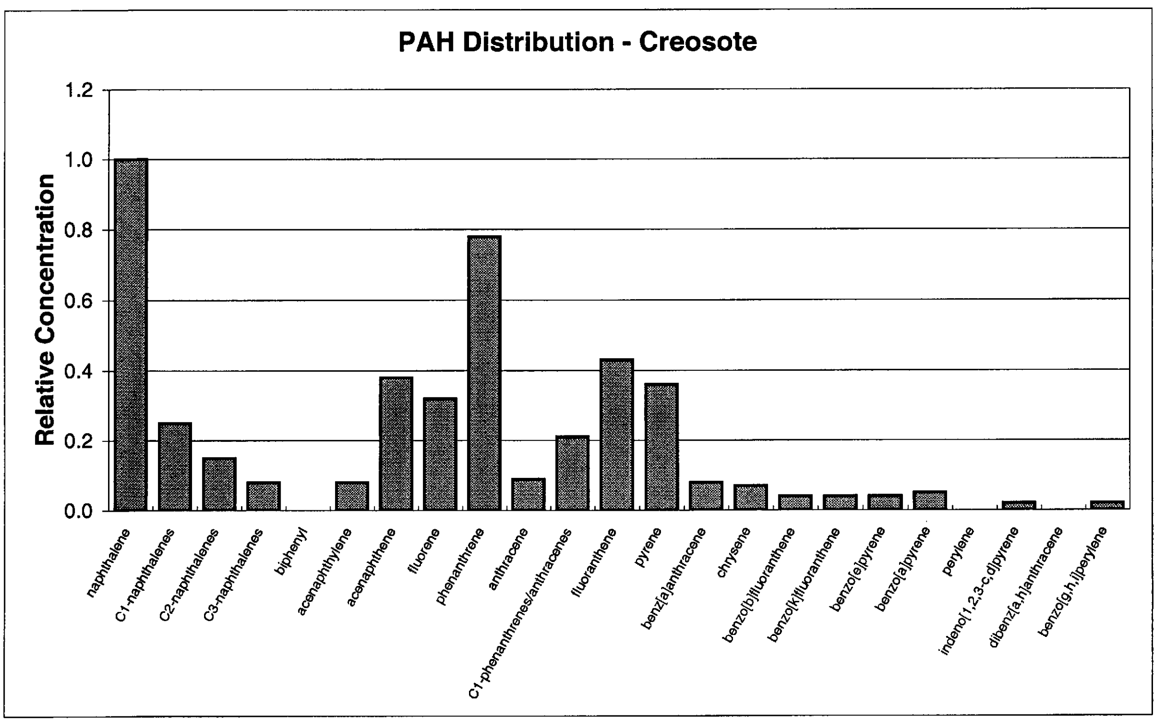

PAH Distribution - Fuel #6
Concentration (mg/kg)
120
100
80
60
40
20
0
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chrysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene

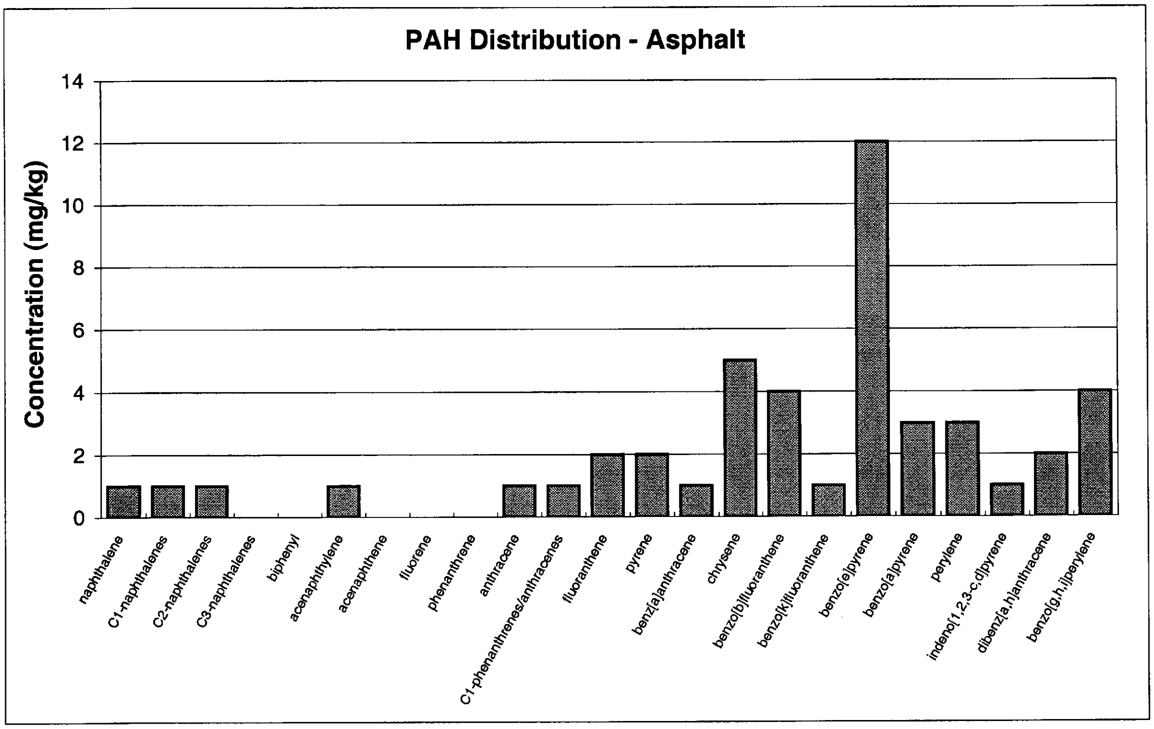

PAH Distribution - North Slope Crude
Concentration (mg/kg)
2500
2000
1500
1000
500
0
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chrysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene


PAH Distribution - Lube Oil
Concentration (mg/kg)
3000
2500
2000
1500
1000
500
0
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chrysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene

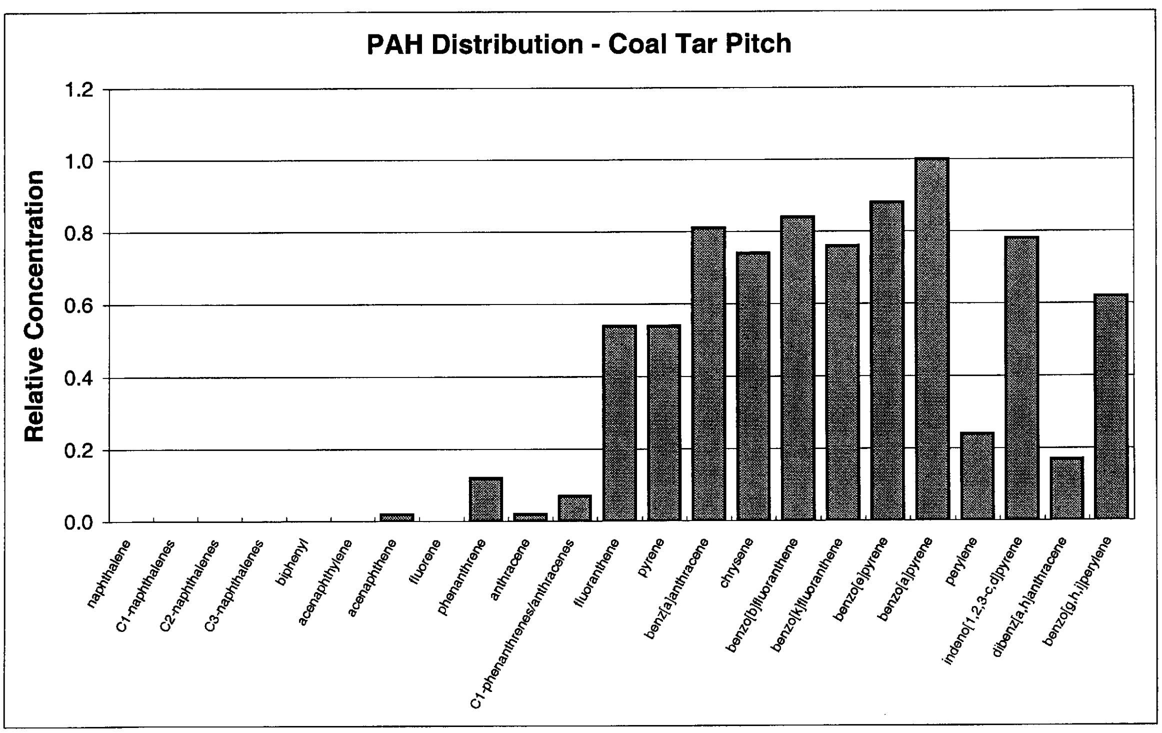

PAH Distribution - Coke
Concentration (mg/kg)
80000
70000
60000
50000
40000
30000
20000
10000
0
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chrysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene


PAH Distribution - Coal Tar
Concentration (mg/kg)
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chrysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene

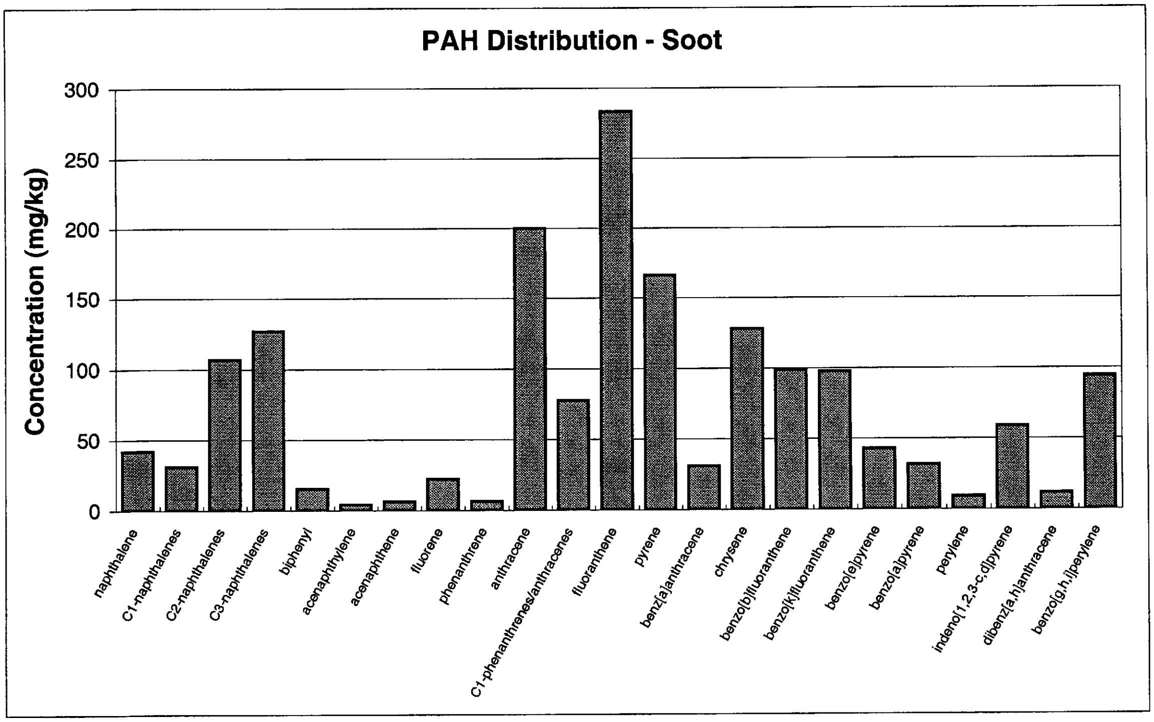

PAH Distribution - Creosote
Relative Concentration
1.2
1.0
0.8
0.6
0.4
0.2
0.0
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chrysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene

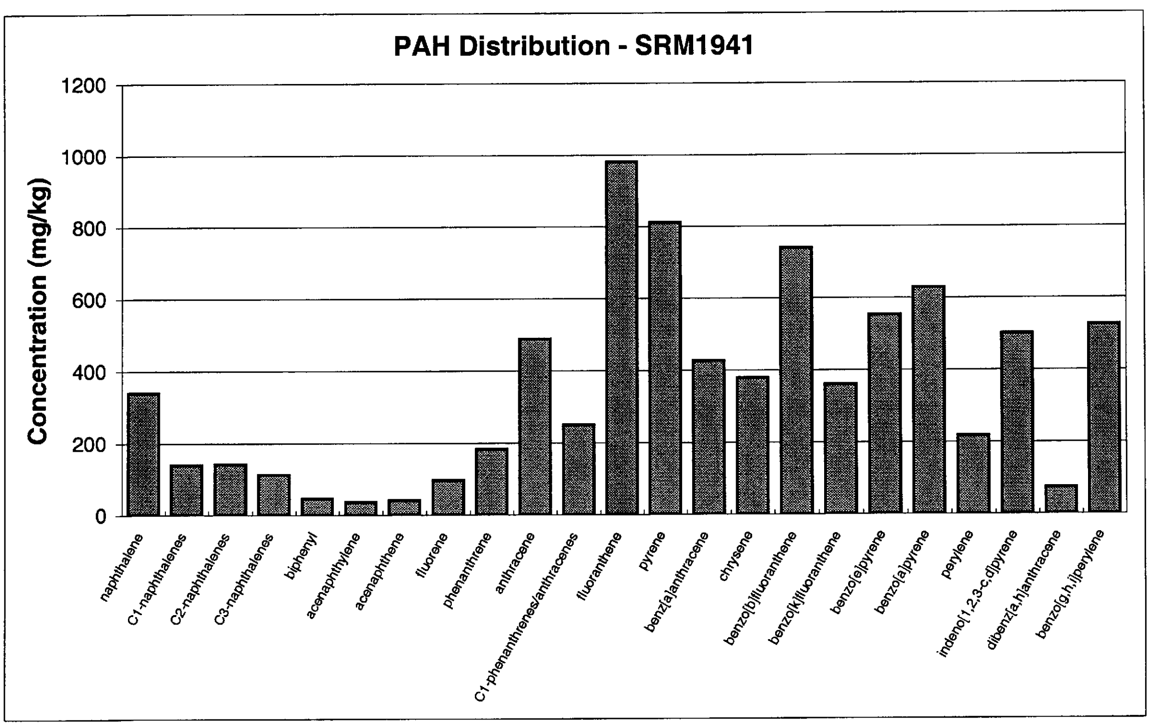


PAH Distribution - Asphalt
Concentration (mg/kg)
0
2
4
6
8
10
12
14
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chrysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene

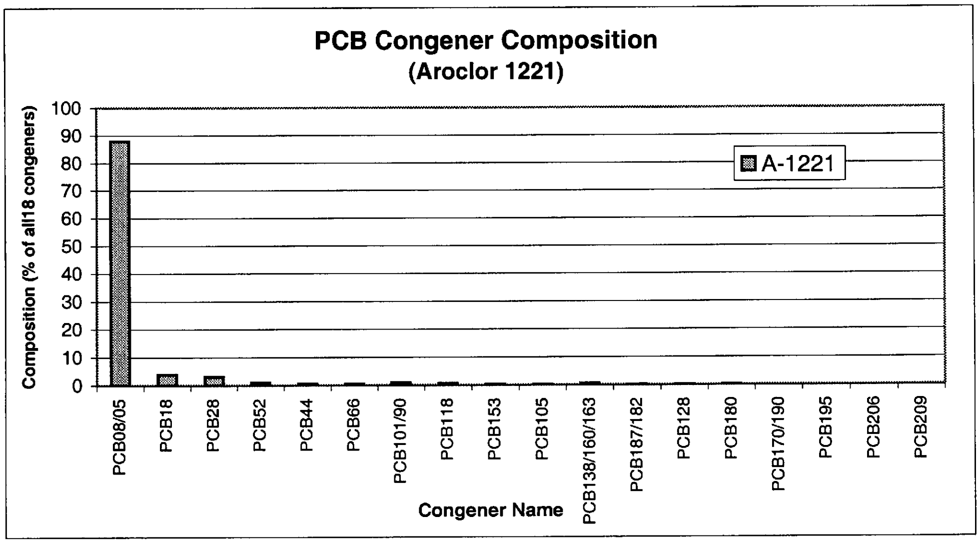


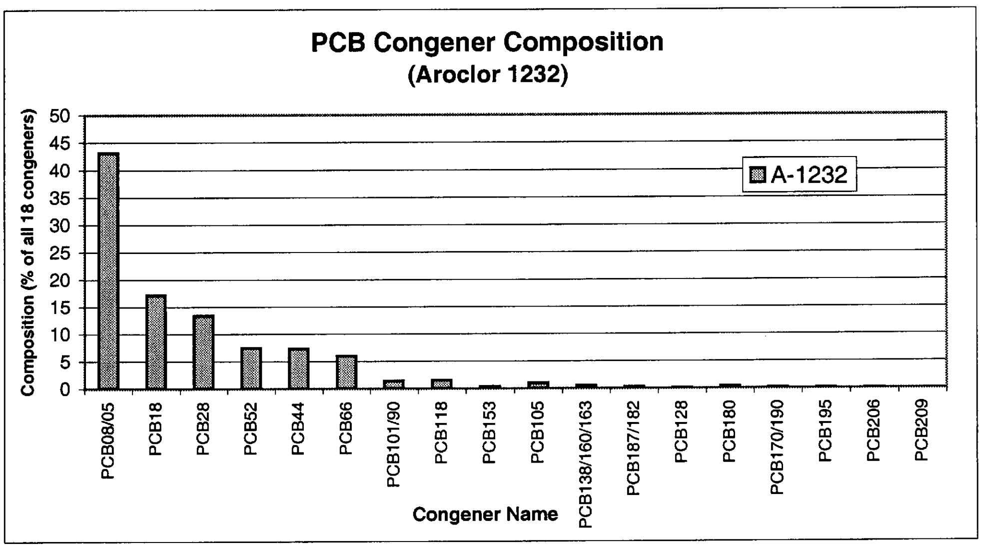
PAH Distribution - Coal Tar Pitch
Relative Concentration
0.0
0.2
0.4
0.6
0.8
1.0
1.2
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chrysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene

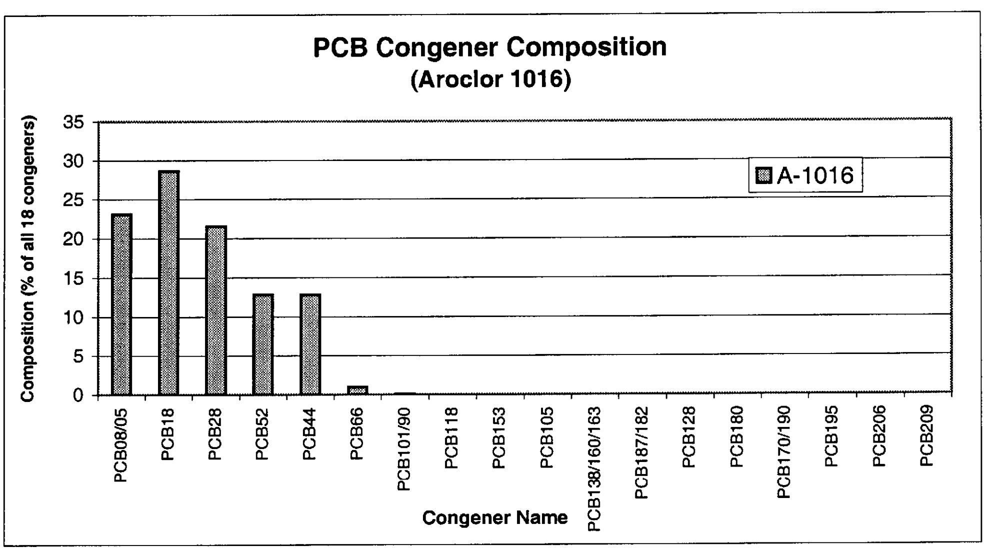

PAH Distribution - Soot
Concentration (mg/kg)
300
250
200
150
100
50
0
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chrysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene

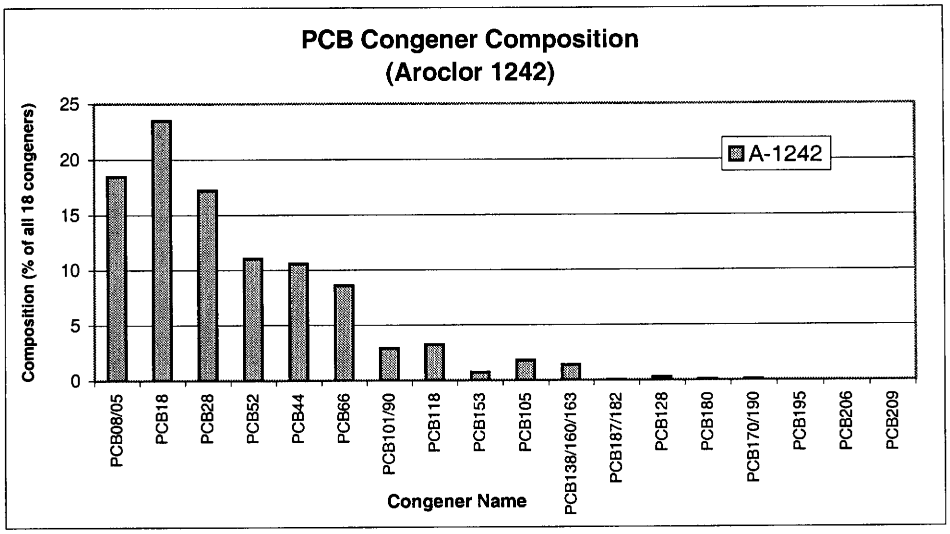

PAH Distribution - SRM1941
Concentration (mg/kg)
1200
1000
800
600
400
200
0
naphthalene
C1-naphthalenes
C2-naphthalenes
C3-naphthalenes
biphenyl
acenaphthylene
acenaphthene
fluorene
phenanthrene
anthracene
C1-phenanthrenes/anthracenes
fluoranthene
pyrene
benz[a]anthracene
chrysene
benzo[b]fluoranthene
benzo[k]fluoranthene
benzo[e]pyrene
benzo[a]pyrene
perylene
indeno[1,2,3-c,d]pyrene
dibenz[a,h]anthracene
benzo[g,h,i]perylene

Appendix J. PCB Congener Composition for Selected Aroclor Formulation Products

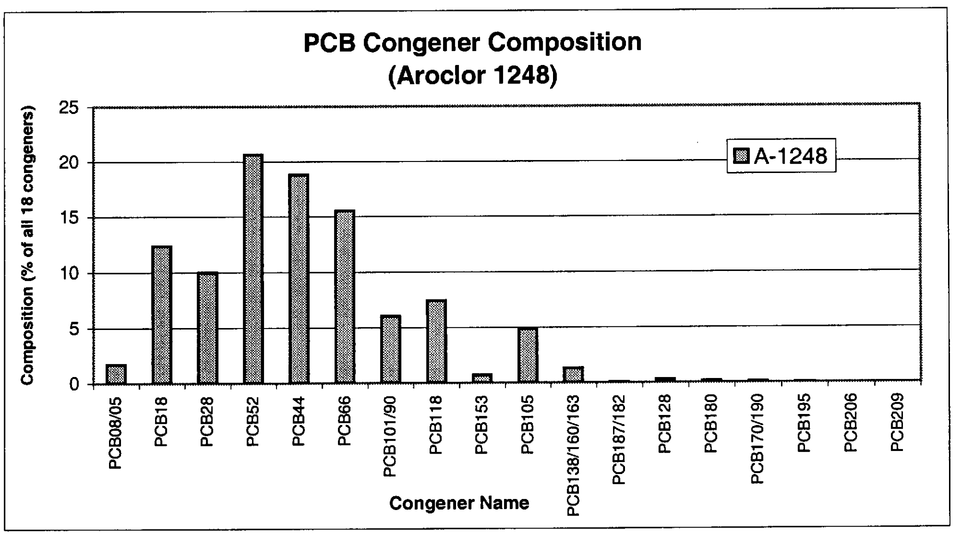

PCB Congener Composition
(Aroclor 1221)
Composition (% of all18 congeners)
100
90
80
70
60
50
40
30
20
10
0
A-1221
PCB08/05
PCB18
PCB28
PCB52
PCB44
PCB66
PCB101/90
PCB118
PCB153
PCB105
PCB138/160/163
PCB187/182
PCB128
PCB180
PCB170/190
PCB195
PCB206
PCB209
Congener Name


PCB Congener Composition
(Aroclor 1232)
Composition (% of all 18 congeners)
50
45
40
35
30
25
20
15
10
5
0
A-1232
PCB08/05
PCB18
PCB28
PCB52
PCB44
PCB66
PCB101/90
PCB118
PCB153
PCB105
PCB138/160/163
PCB187/182
PCB128
PCB180
PCB170/190
PCB195
PCB206
PCB209
Congener Name

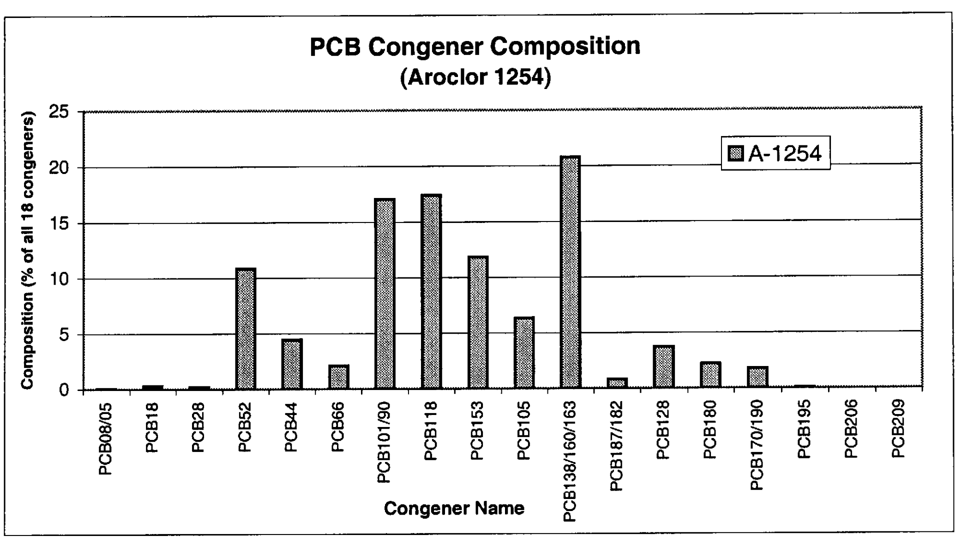

PCB Congener Composition
(Aroclor 1016)
Composition (% of all 18 congeners)
35
30
25
20
15
10
5
0
A-1016
PCB08/05
PCB18
PCB28
PCB52
PCB44
PCB66
PCB101/90
PCB118
PCB153
PCB105
PCB138/160/163
PCB187/182
PCB128
PCB180
PCB170/190
PCB195
PCB206
PCB209
Congener Name



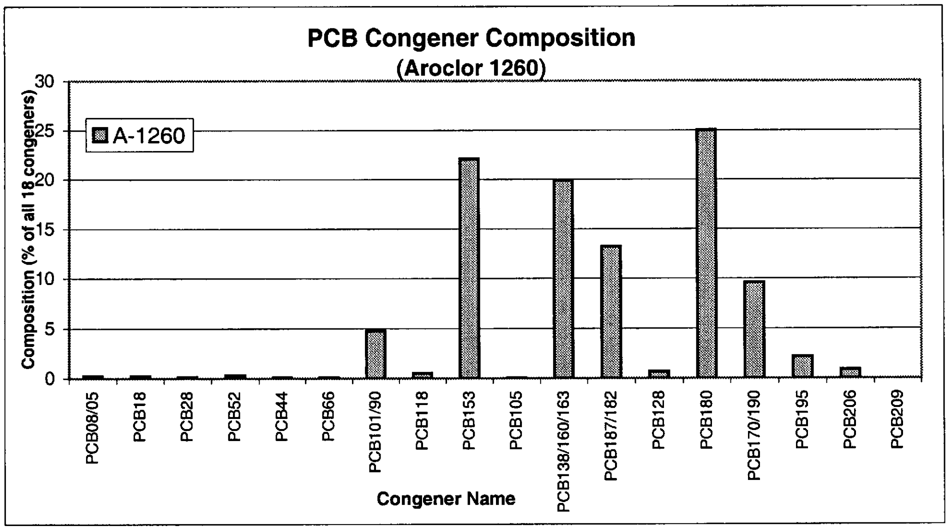
PCB Congener Composition
(Aroclor 1242)
Composition (% of all 18 congeners)
25
20
15
10
5
0
A-1242
PCB08/05
PCB18
PCB28
PCB52
PCB44
PCB66
PCB101/90
PCB118
PCB153
PCB105
PCB138/160/163
PCB187/182
PCB128
PCB180
PCB170/190
PCB195
PCB206
PCB209
Congener Name

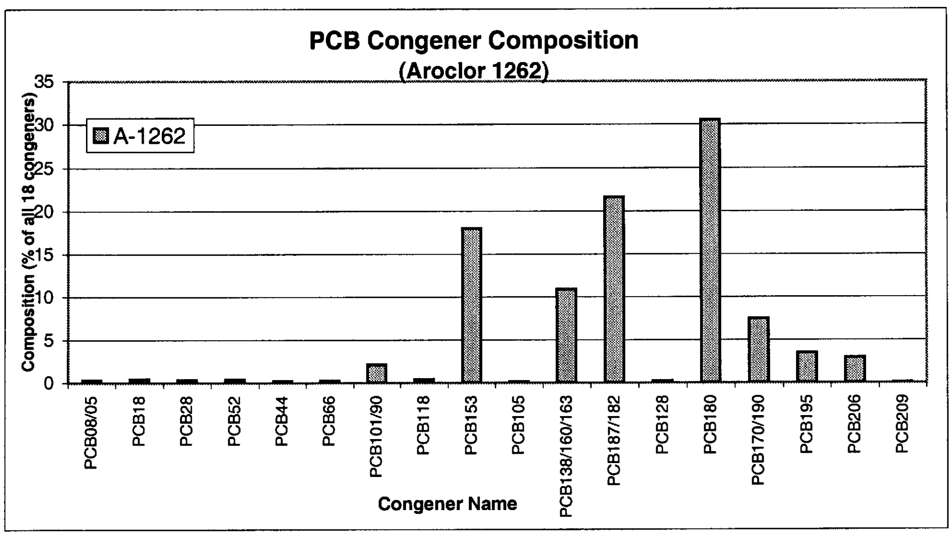


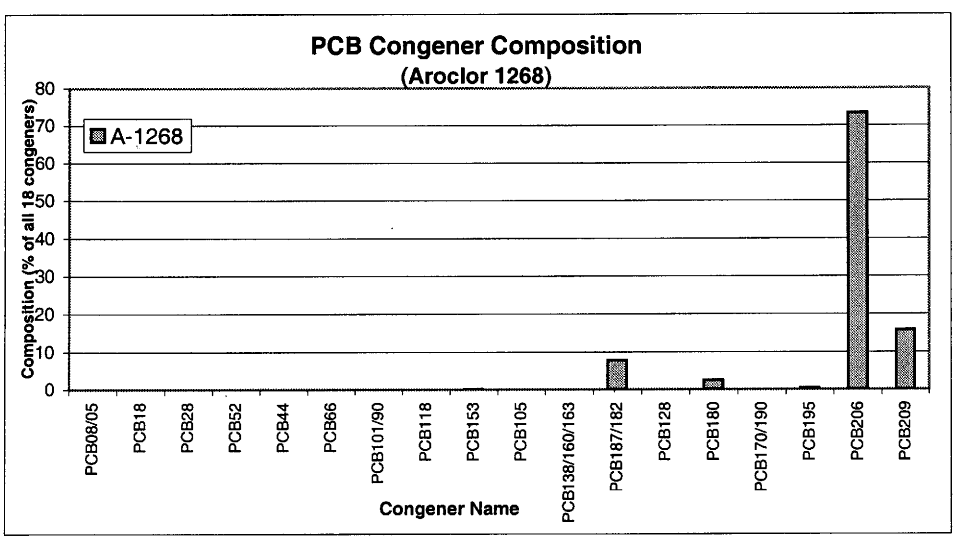
PCB Congener Composition
(Aroclor 1248)
Composition (% of all 18 congeners)
25
20
15
10
5
0
A-1248
PCB08/05
PCB18
PCB28
PCB52
PCB44
PCB66
PCB101/90
PCB118
PCB153
PCB105
PCB138/160/163
PCB187/182
PCB128
PCB180
PCB170/190
PCB195
PCB206
PCB209
Congener Name

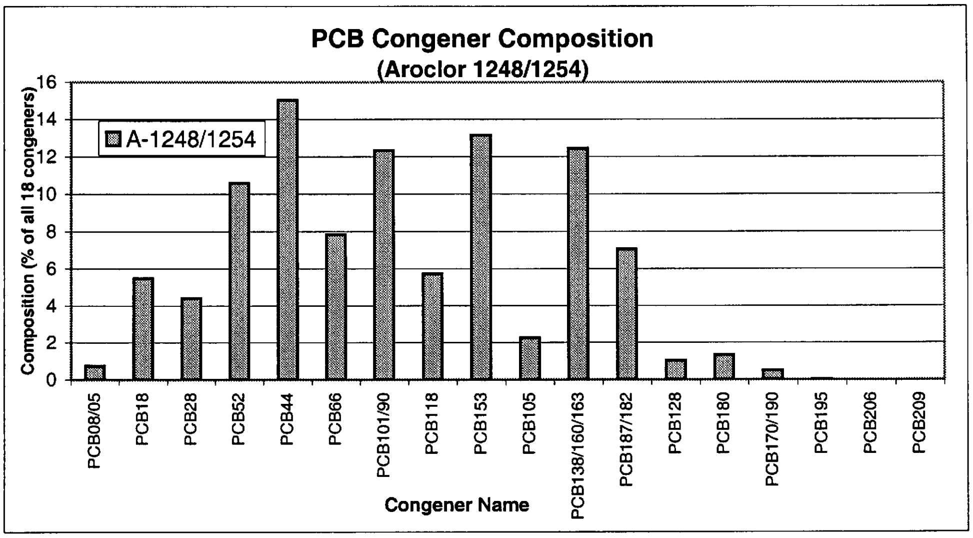


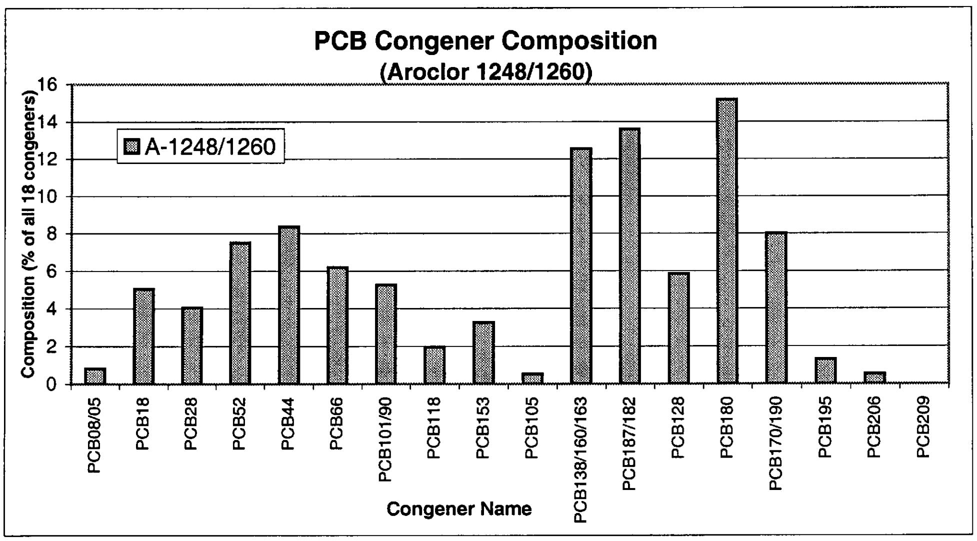
PCB Congener Composition
(Aroclor 1254)
Composition (% of all 18 congeners)
25
20
15
10
5
0
A-1254
PCB08/05
PCB18
PCB28
PCB52
PCB44
PCB66
PCB101/90
PCB118
PCB153
PCB105
PCB138/160/163
PCB187/182
PCB128
PCB180
PCB170/190
PCB195
PCB206
PCB209
Congener Name

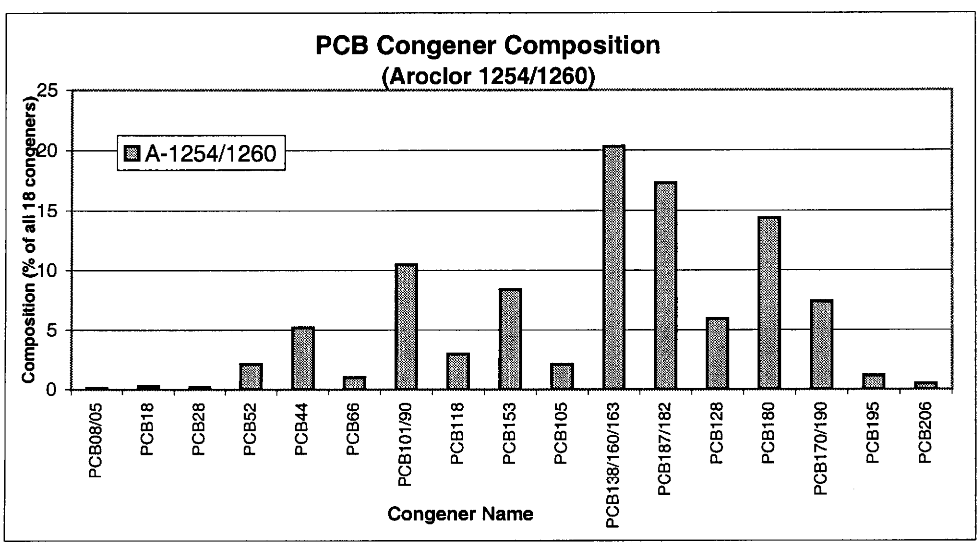

PCB Congener Composition
(Aroclor 1260)
A-1260
Composition (% of all 18 congeners)
0
5
10
15
20
25
30
PCB08/05
PCB18
PCB28
PCB52
PCB44
PCB66
PCB101/90
PCB118
PCB153
PCB105
PCB138/160/163
PCB187/182
PCB128
PCB180
PCB170/190
PCB195
PCB206
PCB209
Congener Name


PCB Congener Composition
(Aroclor 1262)
A-1262
Composition (% of all 18 congeners)
0
5
10
15
20
25
30
35
PCB08/05
PCB18
PCB28
PCB52
PCB44
PCB66
PCB101/90
PCB118
PCB153
PCB105
PCB138/160/163
PCB187/182
PCB128
PCB180
PCB170/190
PCB195
PCB206
PCB209
Congener Name

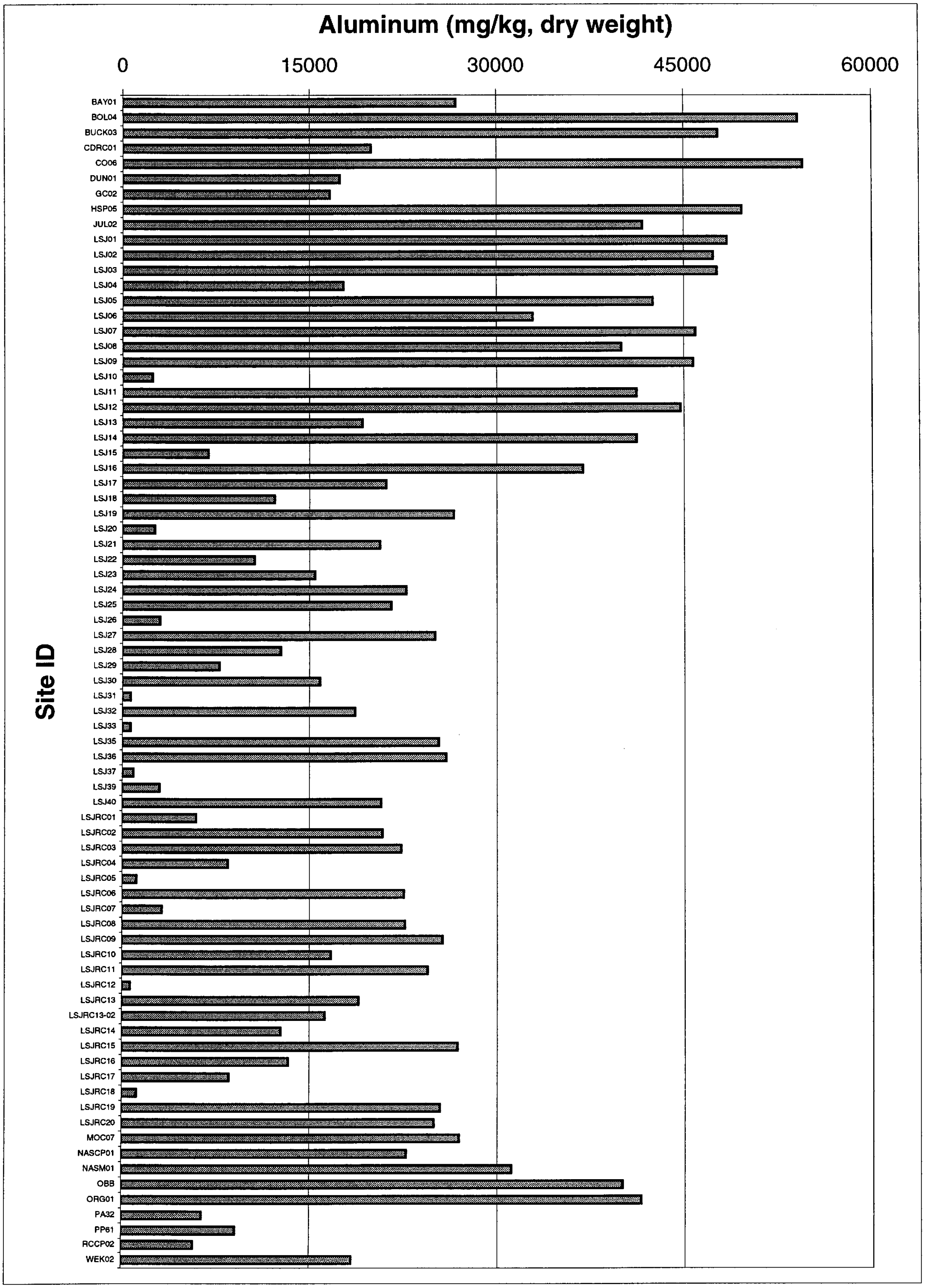

PCB Congener Composition
(Aroclor 1268)
A-1268
Composition (% of all 18 congeners)
0
10
20
30
40
50
60
70
80
PCB08/05
PCB18
PCB28
PCB52
PCB44
PCB66
PCB101/90
PCB118
PCB153
PCB105
PCB138/160/163
PCB187/182
PCB128
PCB180
PCB170/190
PCB195
PCB206
PCB209
Congener Name

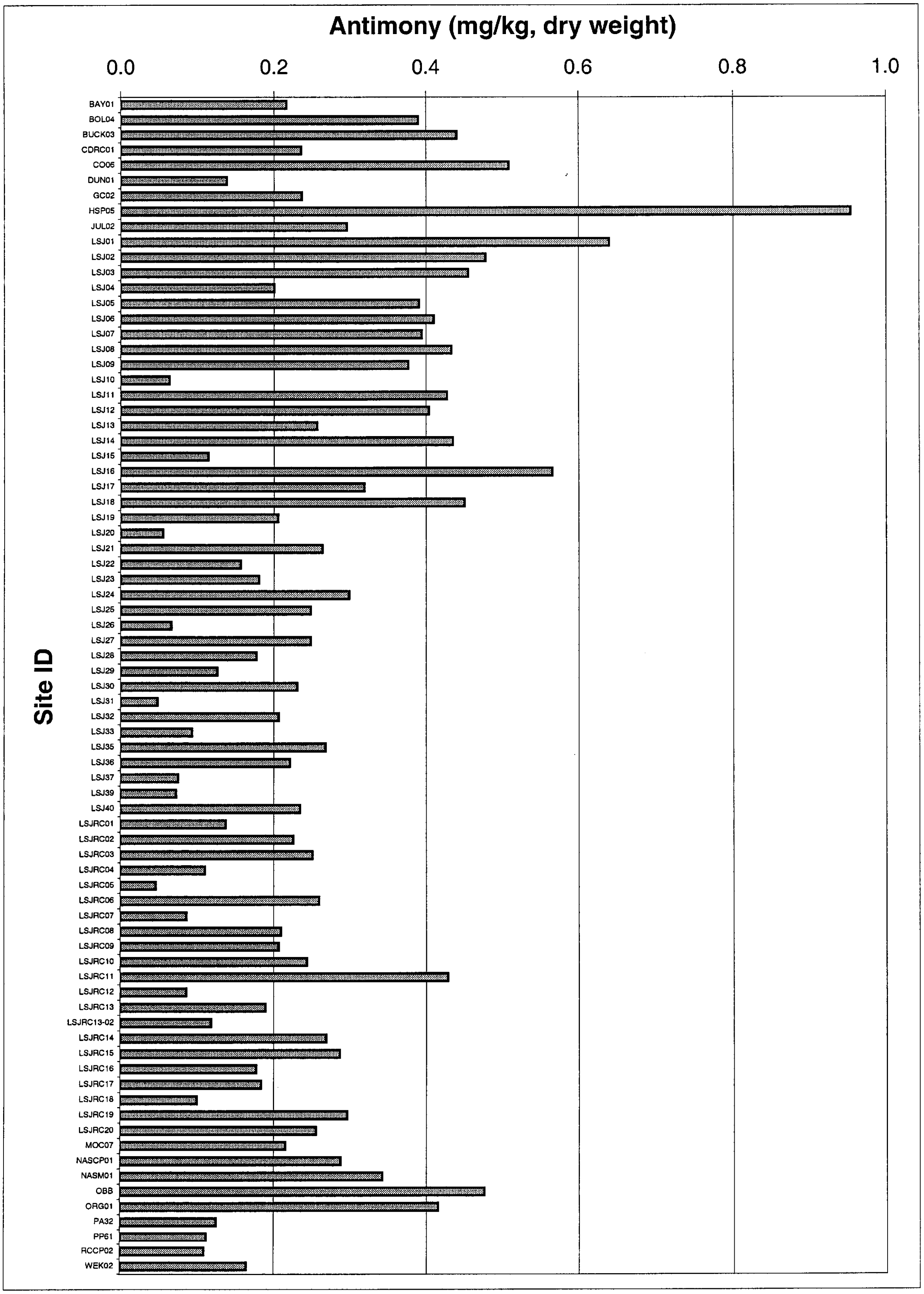

PCB Congener Composition
(Aroclor 1248/1254)
A-1248/1254
Composition (% of all 18 congeners)
0
2
4
6
8
10
12
14
16
PCB08/05
PCB18
PCB28
PCB52
PCB44
PCB66
PCB101/90
PCB118
PCB153
PCB105
PCB138/160/163
PCB187/182
PCB128
PCB180
PCB170/190
PCB195
PCB206
PCB209
Congener Name

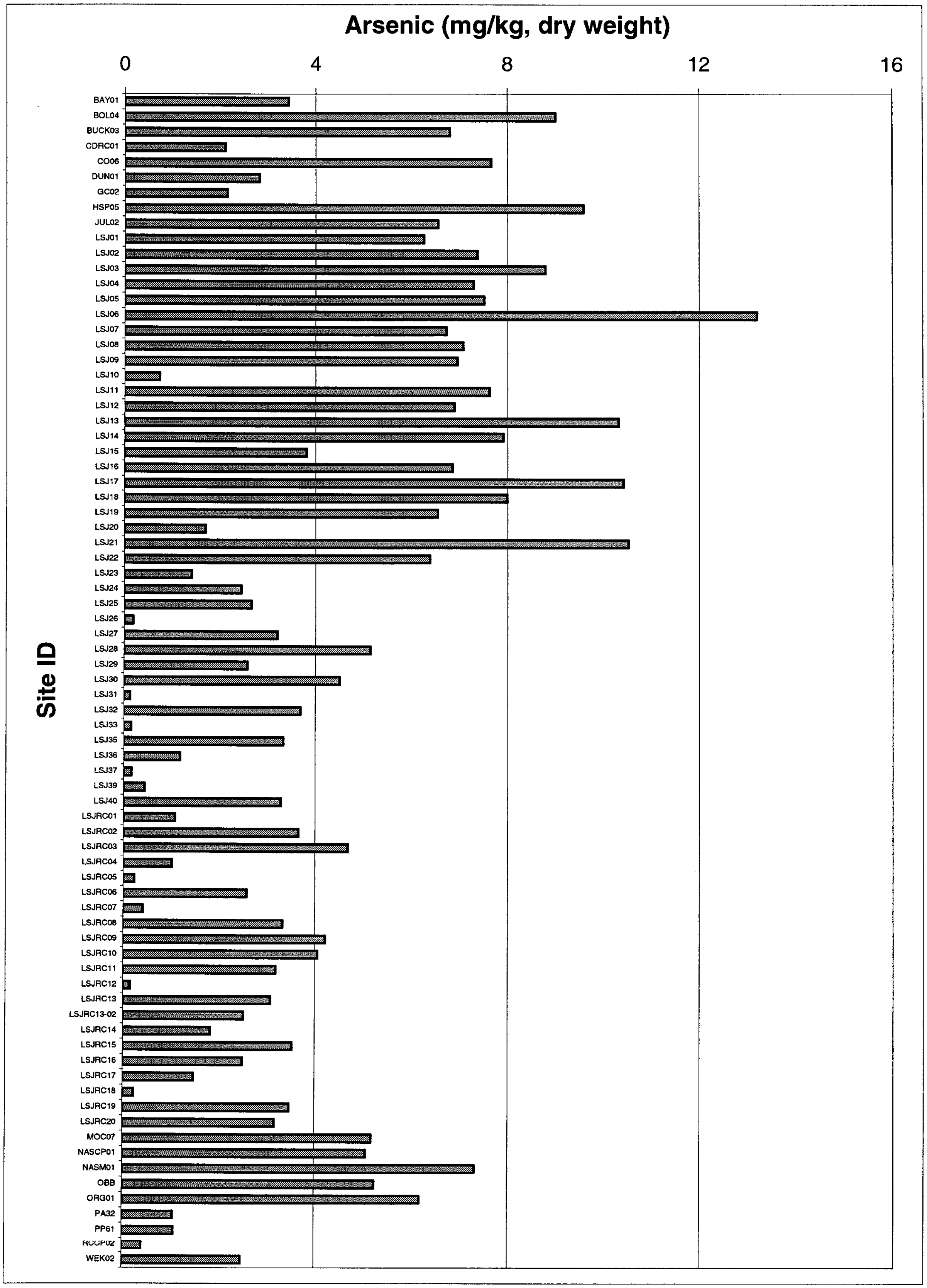

PCB Congener Composition
(Aroclor 1248/1260)
A-1248/1260
Composition (% of all 18 congeners)
0
2
4
6
8
10
12
14
16
PCB08/05
PCB18
PCB28
PCB52
PCB44
PCB66
PCB101/90
PCB118
PCB153
PCB105
PCB138/160/163
PCB187/182
PCB128
PCB180
PCB170/190
PCB195
PCB206
PCB209
Congener Name


PCB Congener Composition
(Aroclor 1254/1260)
A-1254/1260
Composition (% of all 18 congeners)
0
5
10
15
20
25
PCB08/05
PCB18
PCB28
PCB52
PCB44
PCB66
PCB101/90
PCB118
PCB153
PCB105
PCB138/160/163
PCB187/182
PCB128
PCB180
PCB170/190
PCB195
PCB206
Congener Name

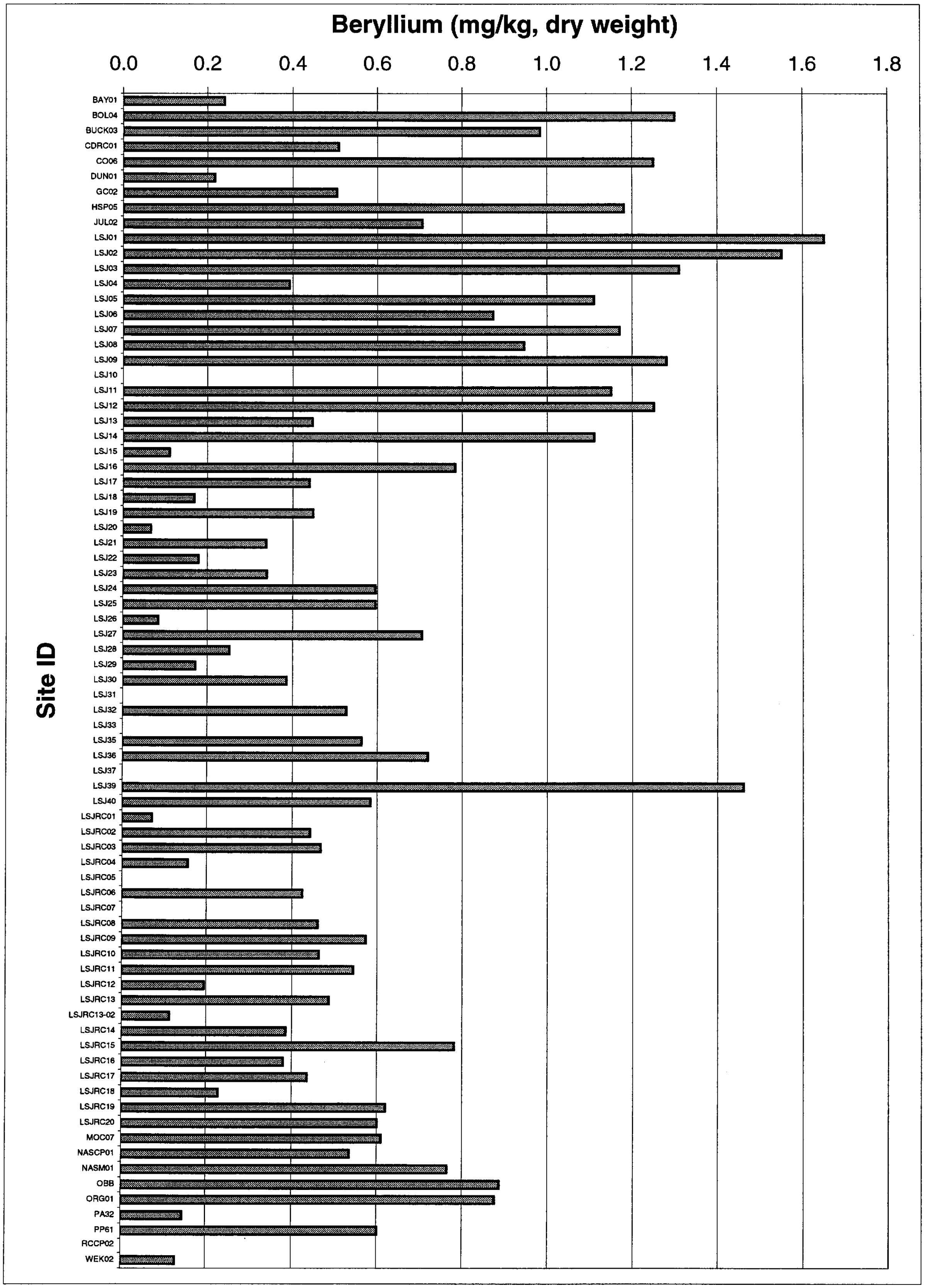
Appendix K. Charts with Metals Concentration Data


Aluminum (mg/kg, dry weight)
0
15000
30000
45000
60000
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

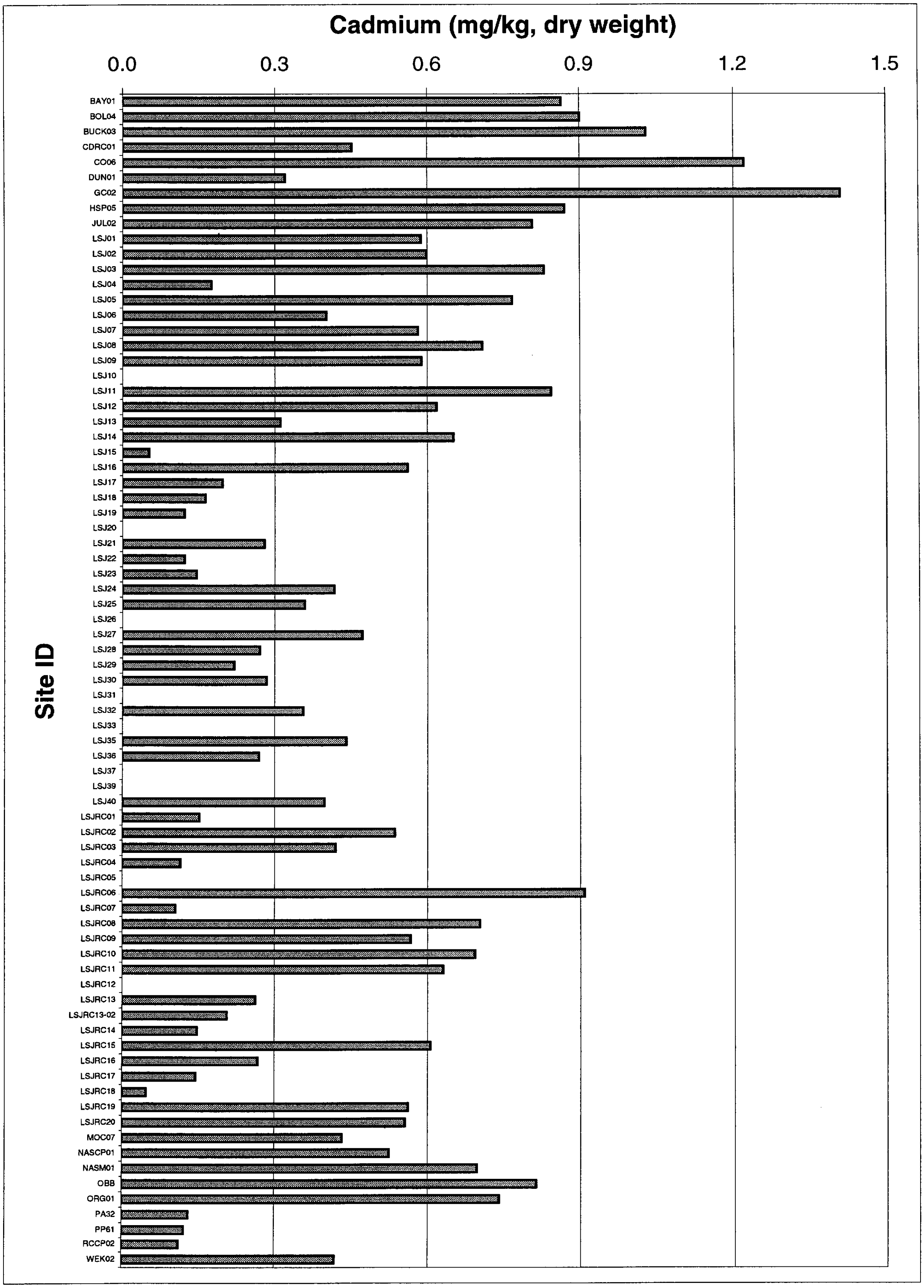

Antimony (mg/kg, dry weight)
0.0
0.2
0.4
0.6
0.8
1.0
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



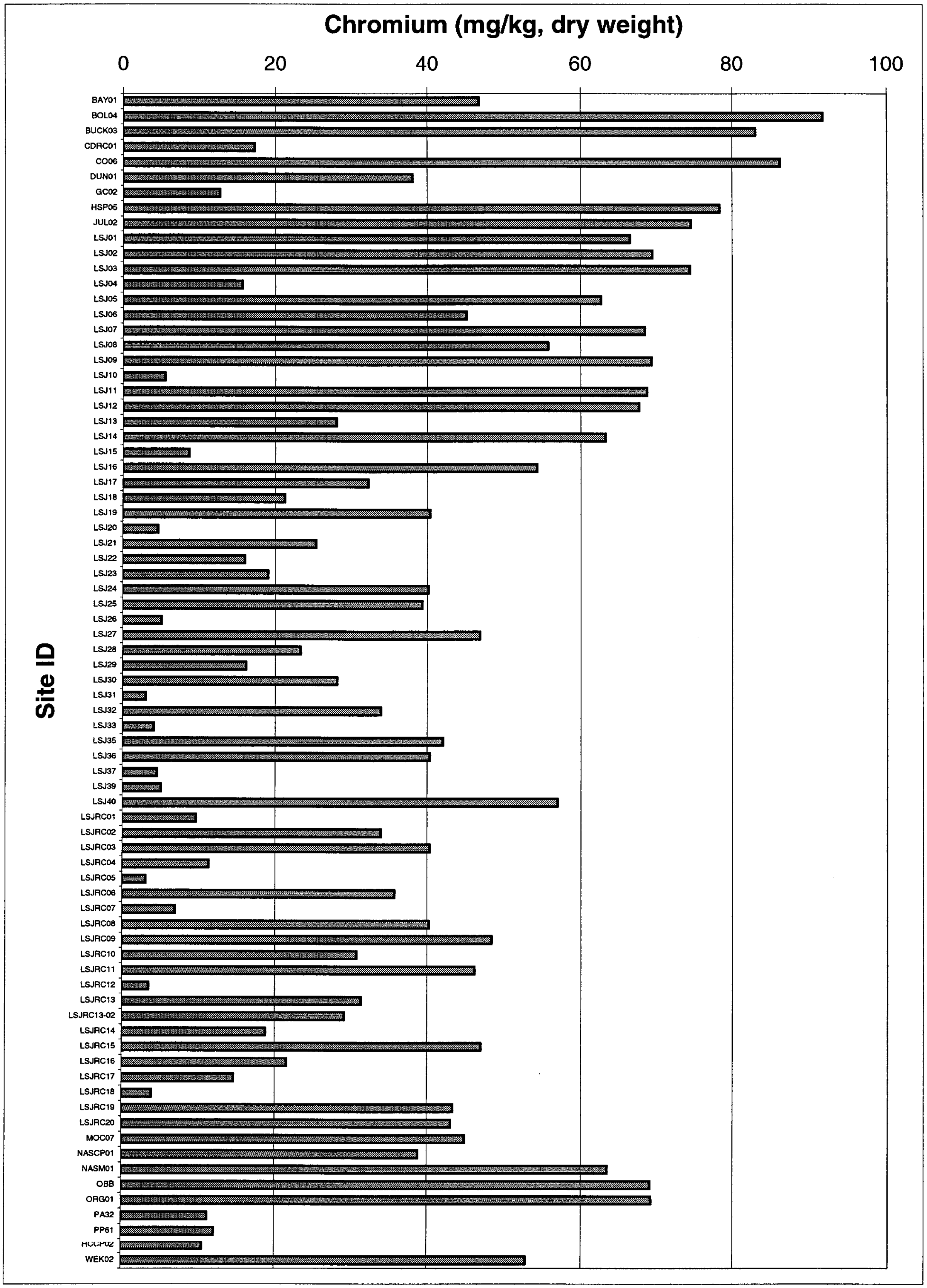
Arsenic (mg/kg, dry weight)
0
4
8
12
16
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02

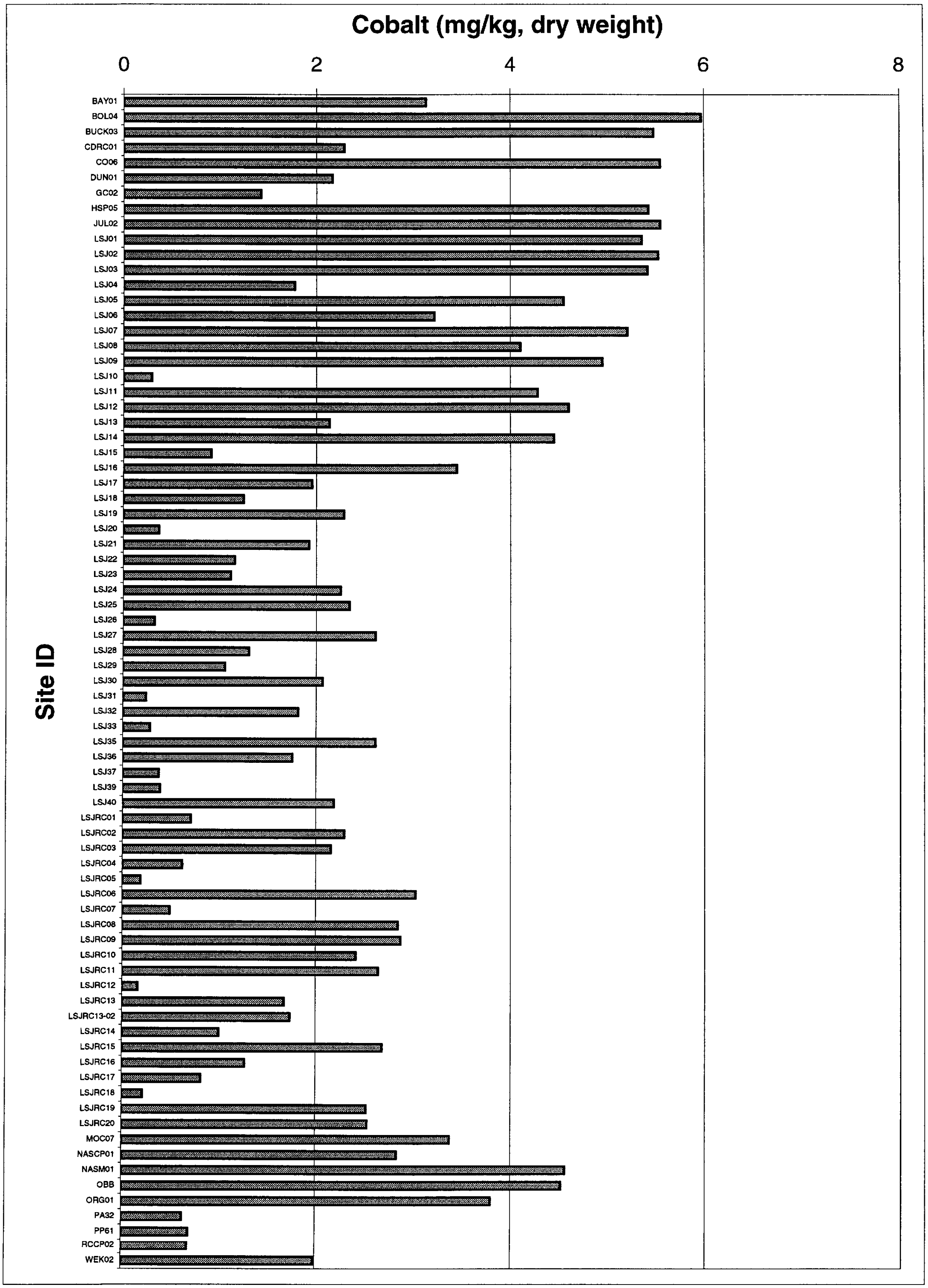


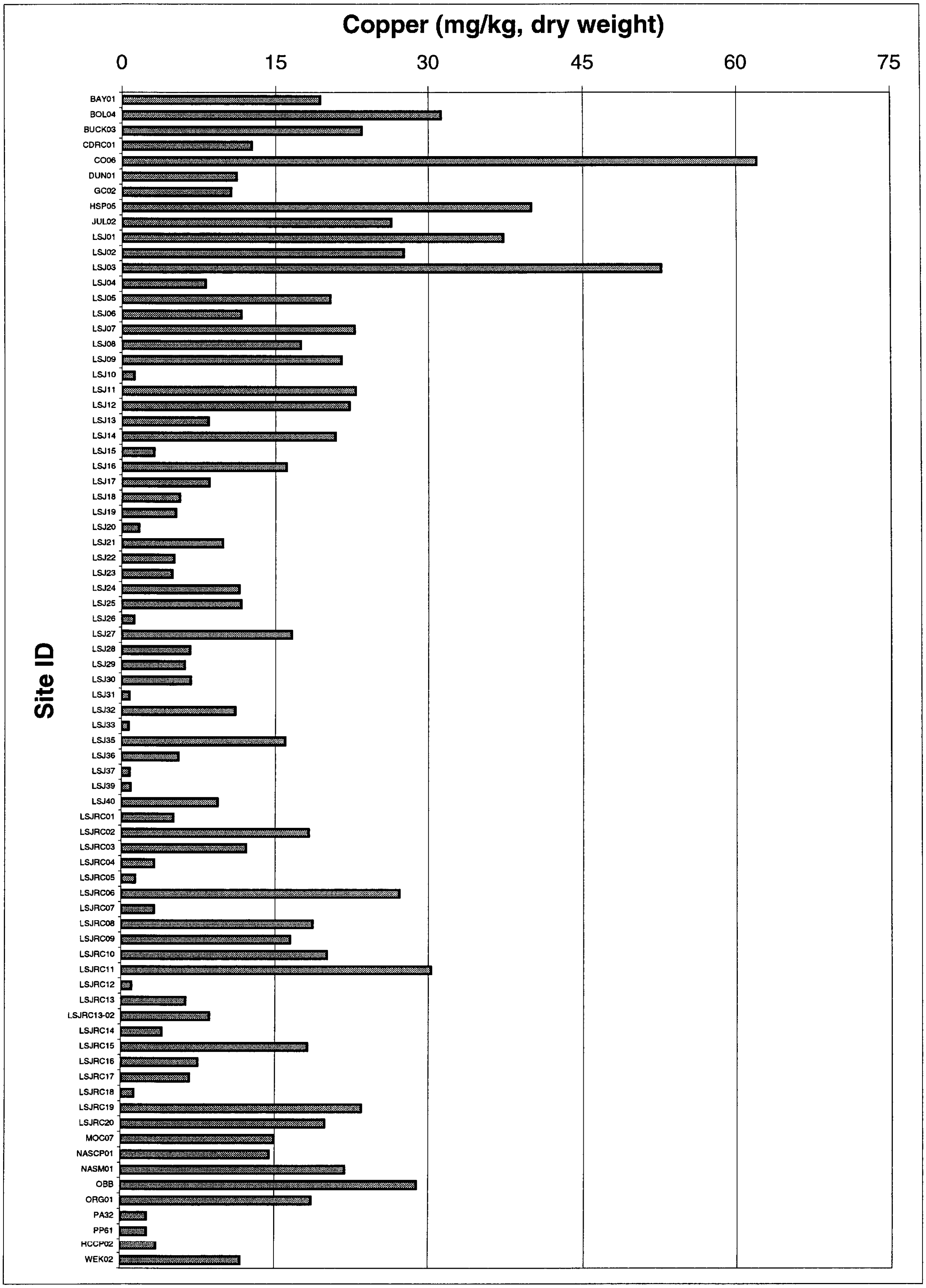
Beryllium (mg/kg, dry weight)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



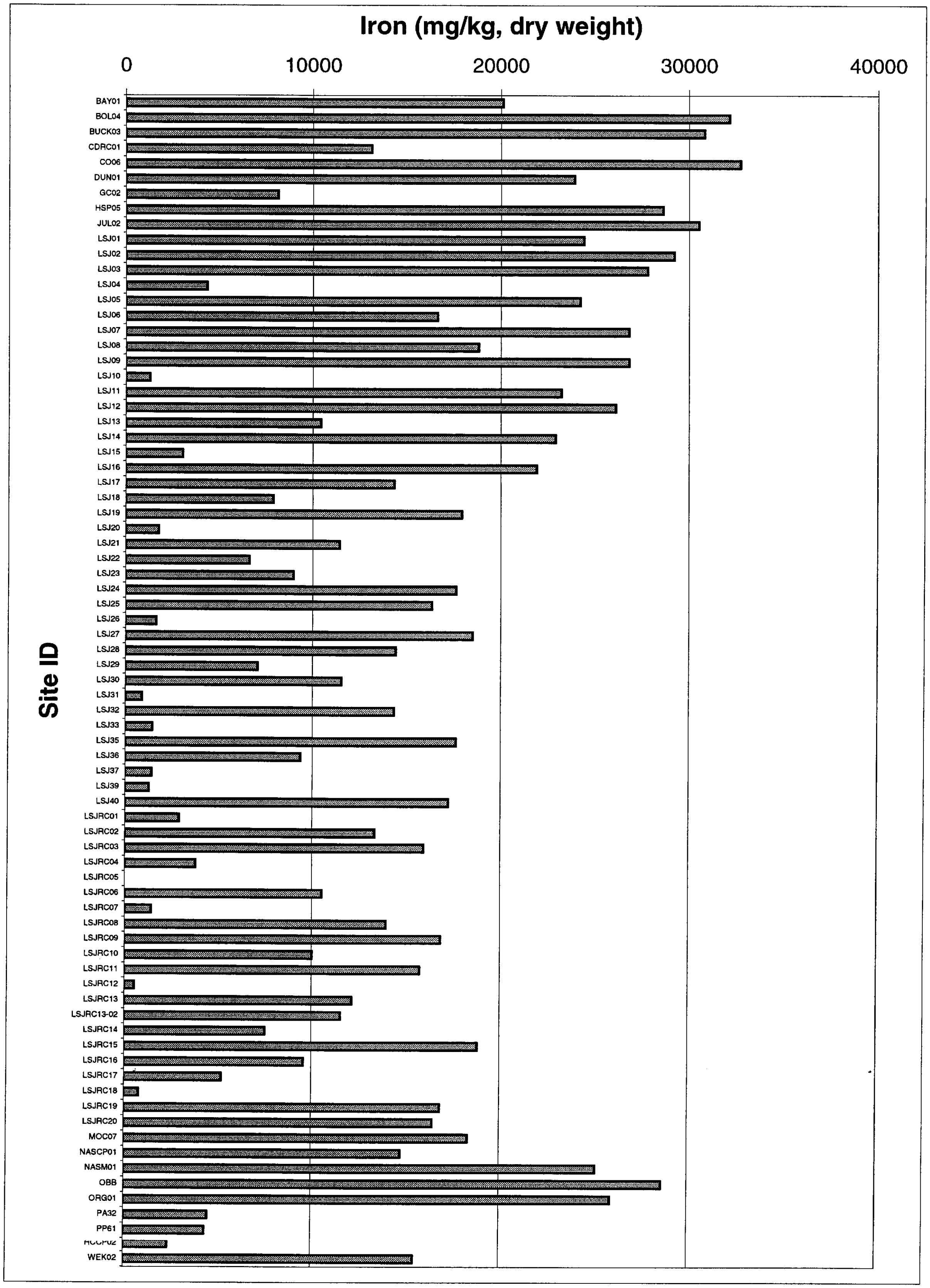
Cadmium (mg/kg, dry weight)
0.0
0.3
0.6
0.9
1.2
1.5
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02


Chromium (mg/kg, dry weight)
0
20
40
60
80
100
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02

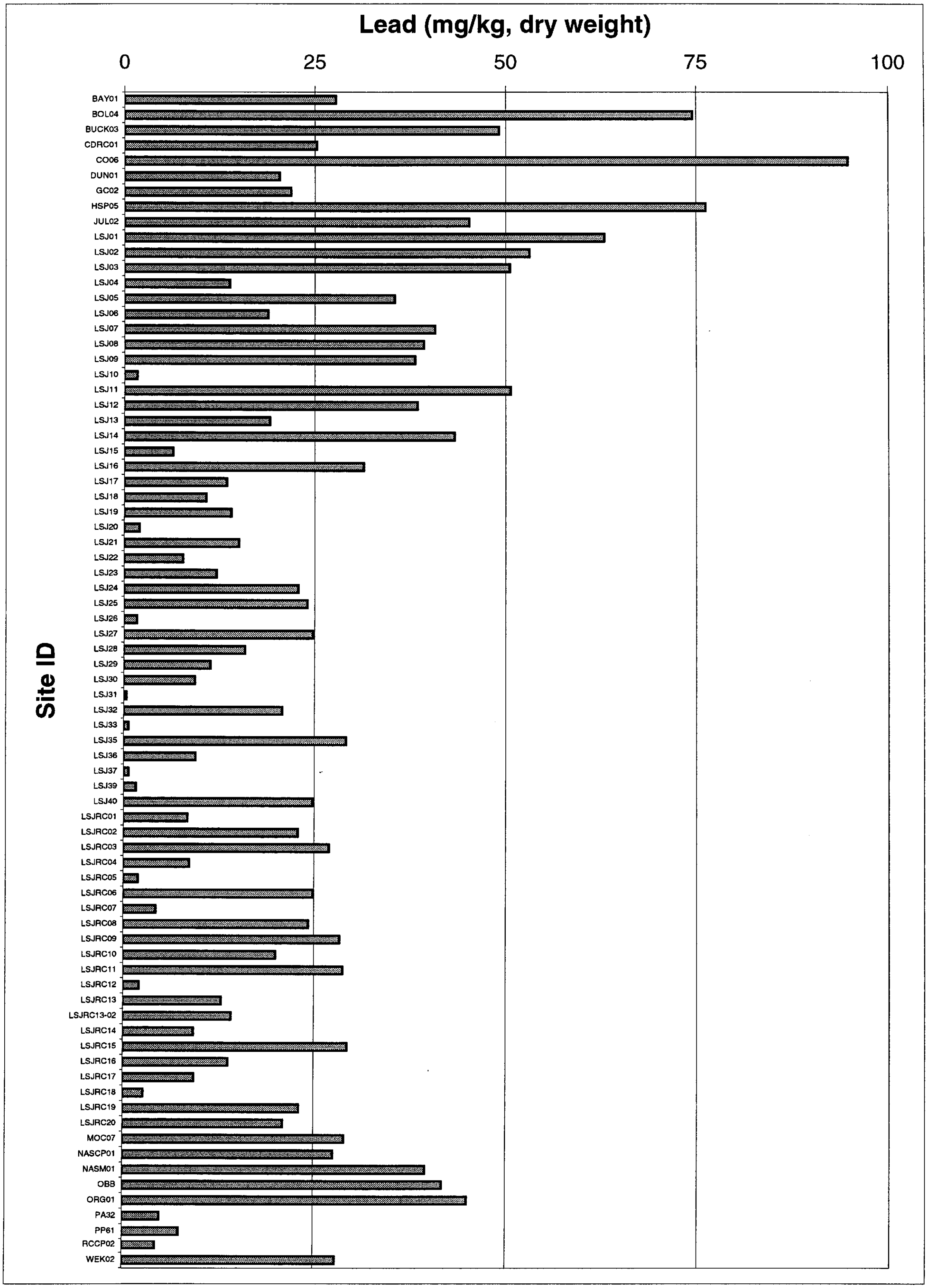

Cobalt (mg/kg, dry weight)
0
2
4
6
8
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



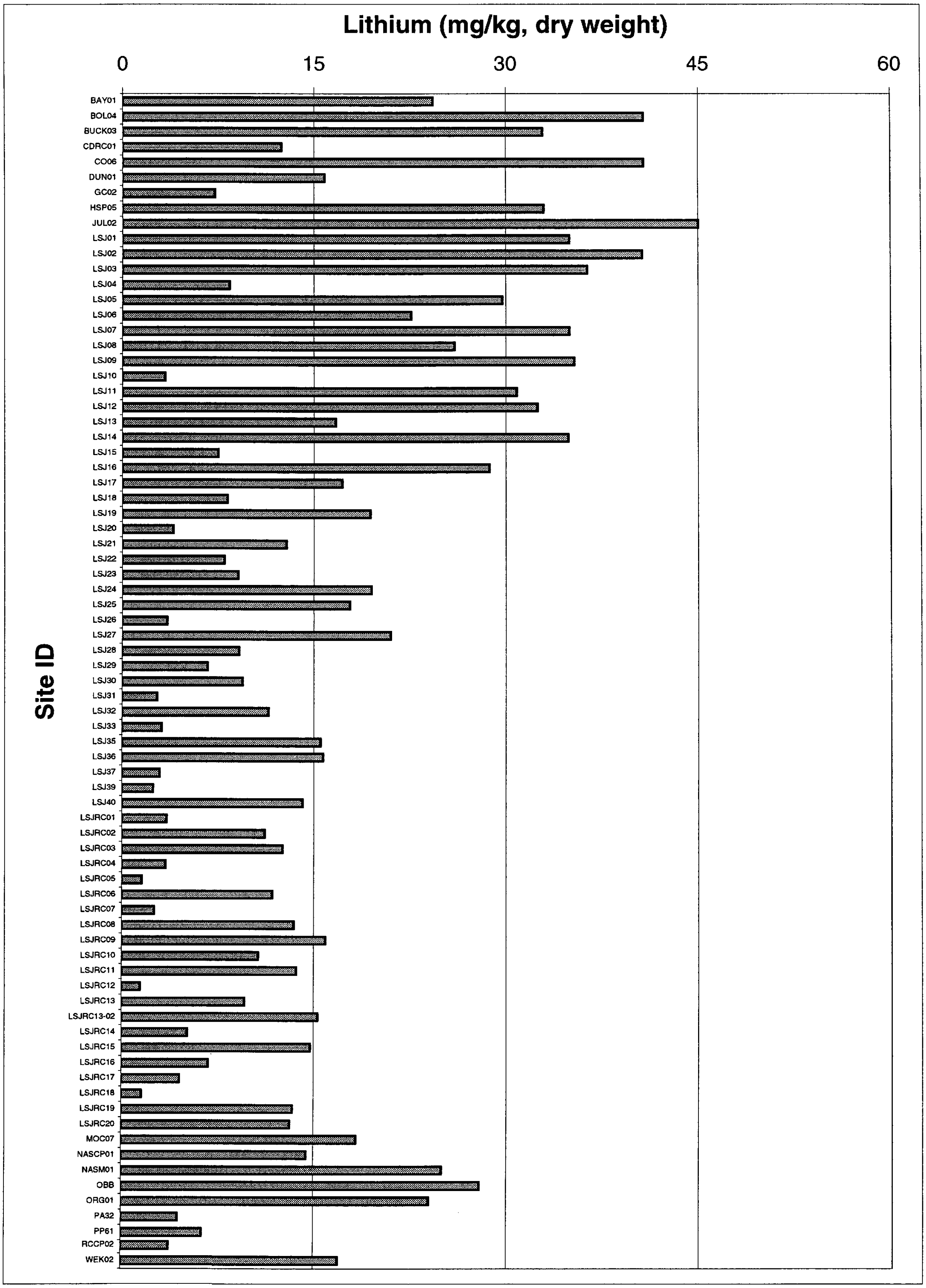
Copper (mg/kg, dry weight)
0
15
30
45
60
75
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02



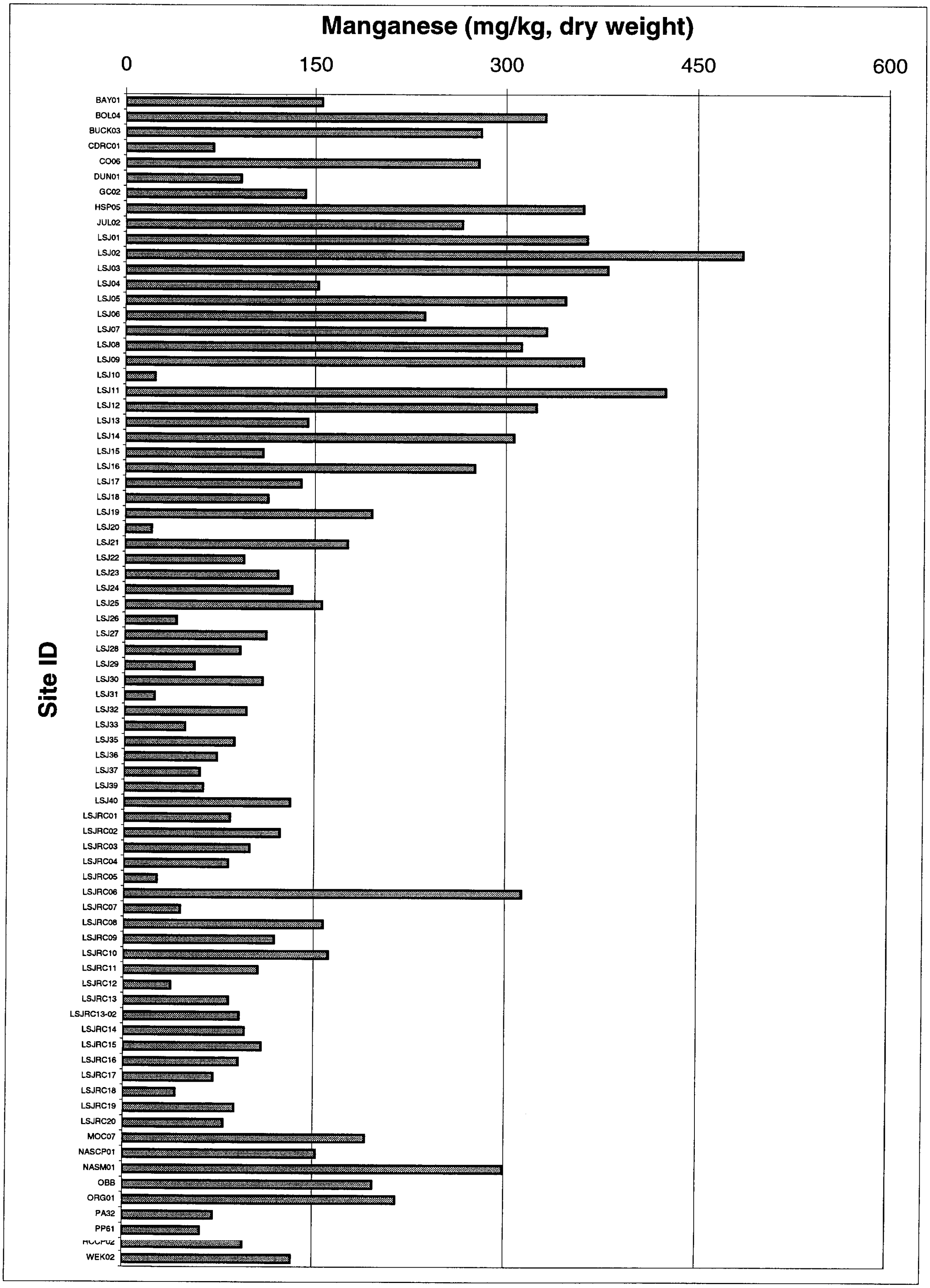
Iron (mg/kg, dry weight)
0
10000
20000
30000
40000
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02



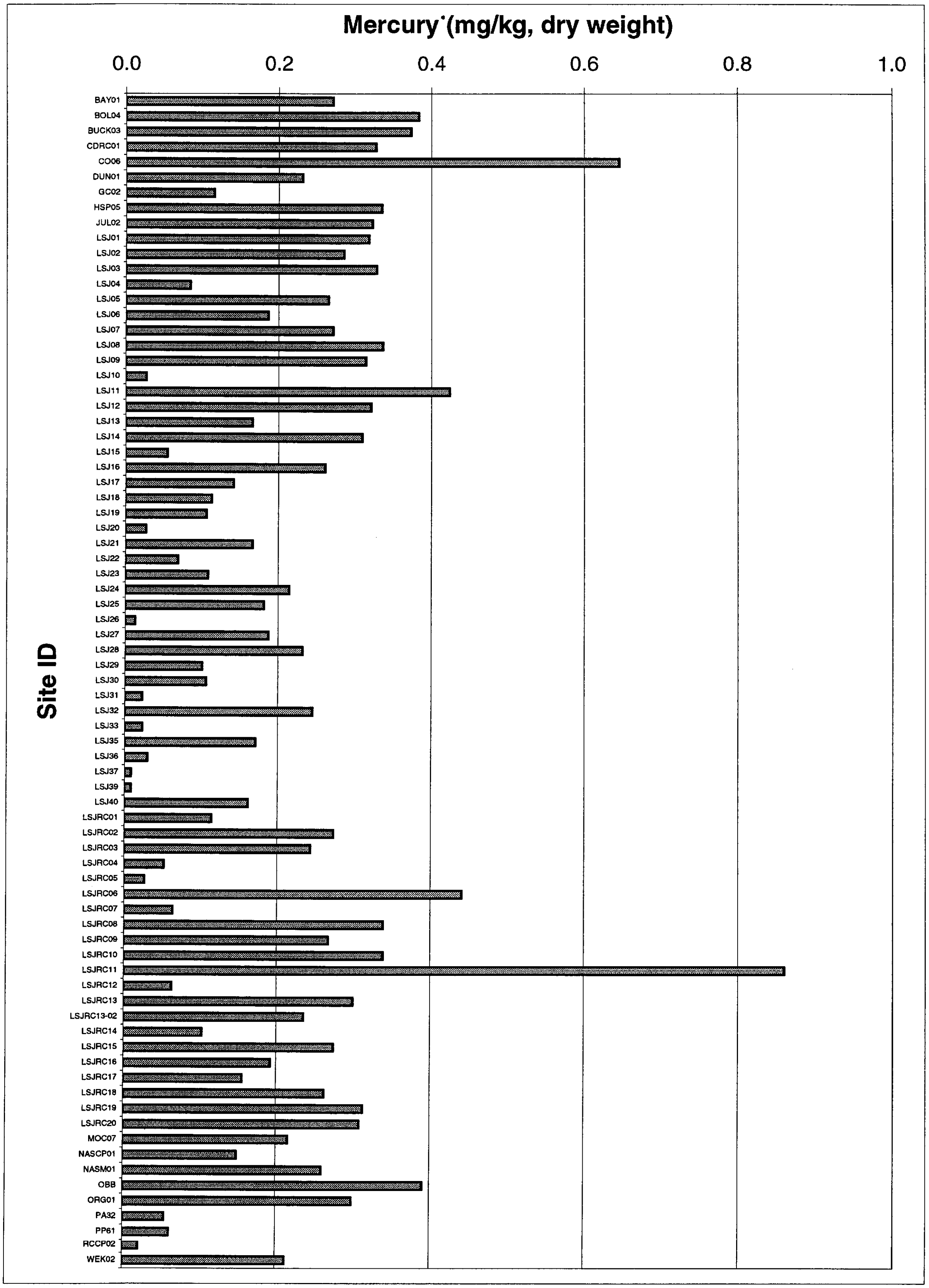
Lead (mg/kg, dry weight)
0
25
50
75
100
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



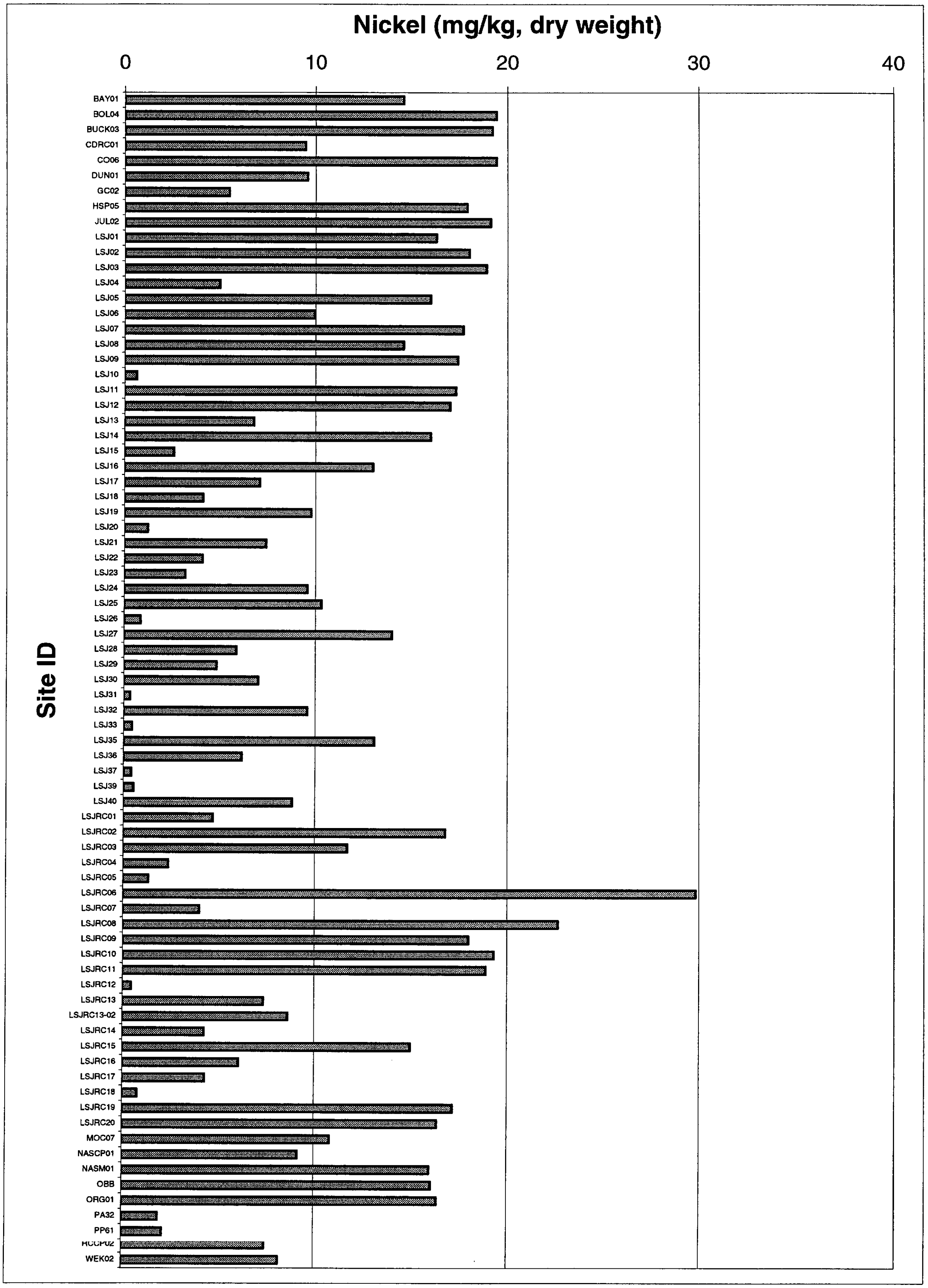
Lithium (mg/kg, dry weight)
0
15
30
45
60
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

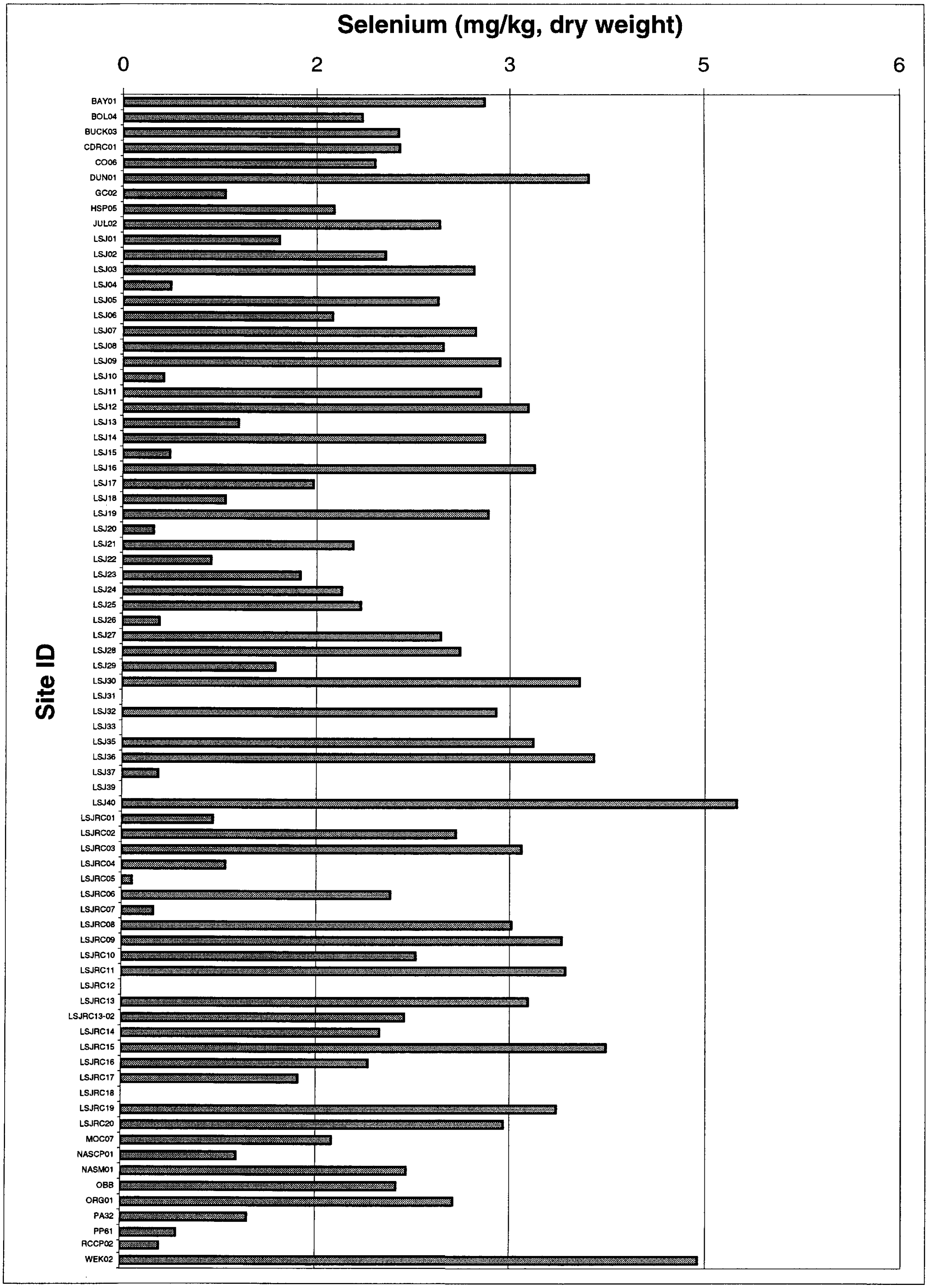


Manganese (mg/kg, dry weight)
0
150
300
450
600
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02

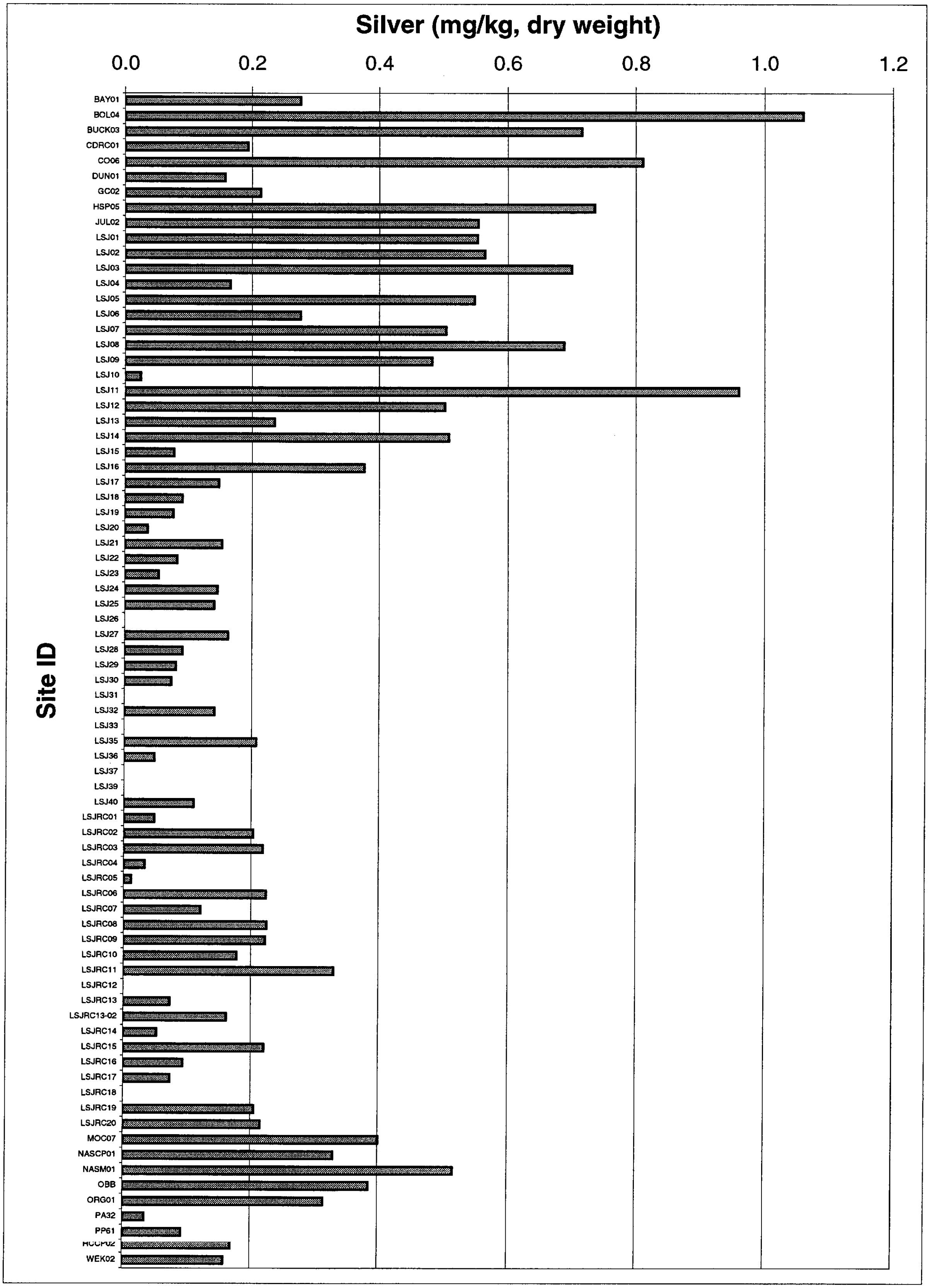


Mercury*(mg/kg, dry weight)
0.0
0.2
0.4
0.6
0.8
1.0
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

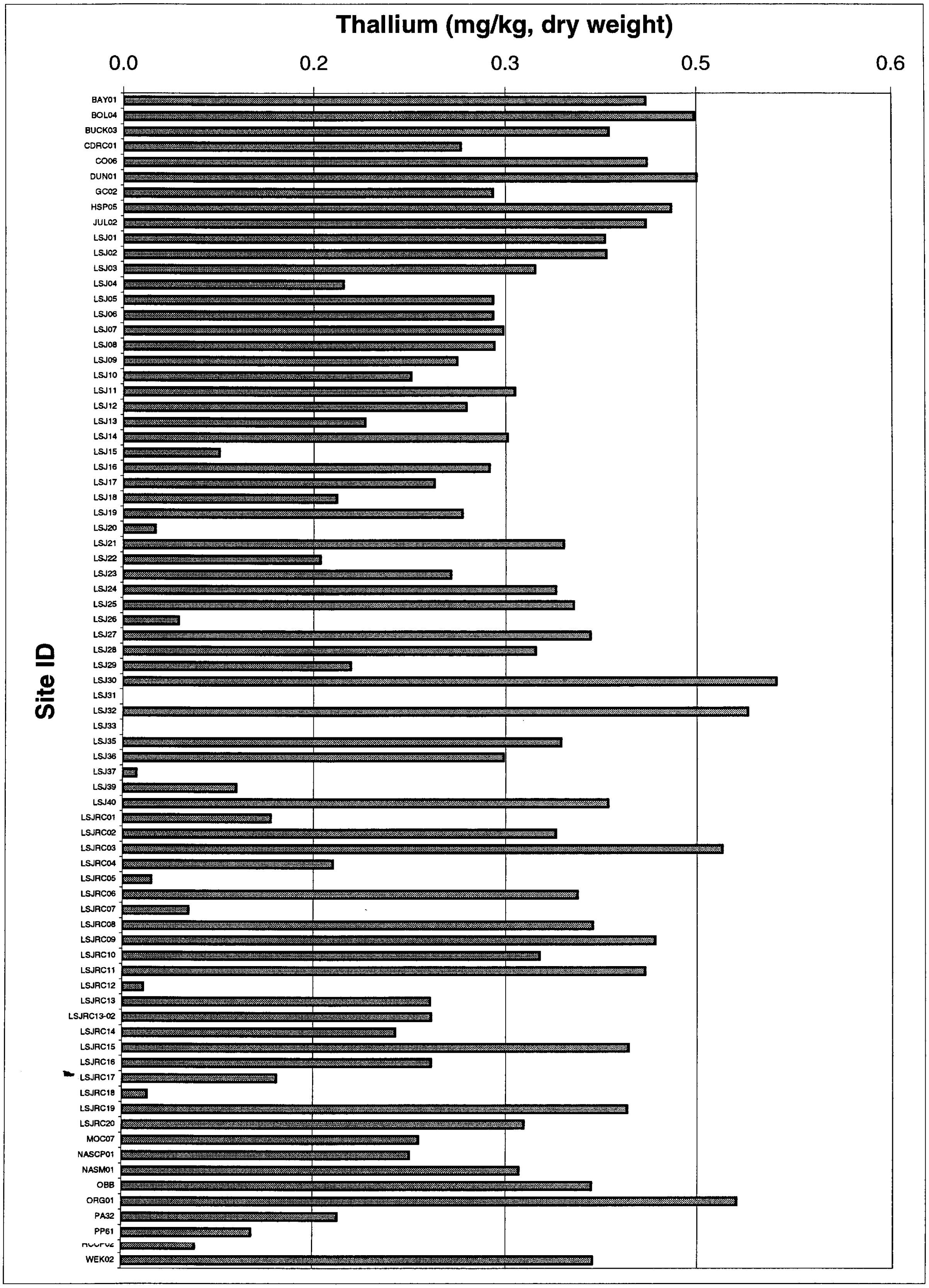

Nickel (mg/kg, dry weight)
0
10
20
30
40
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02

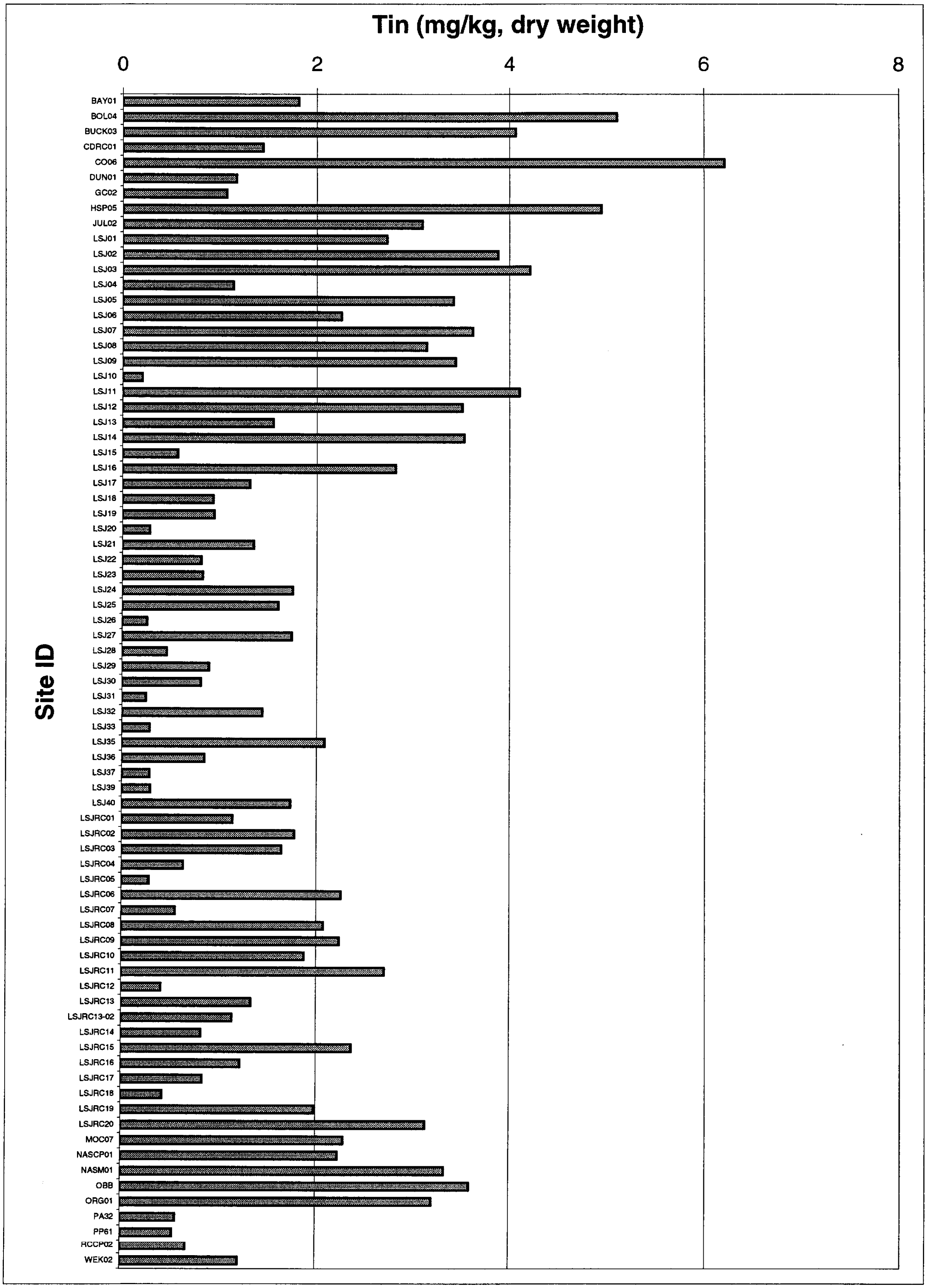


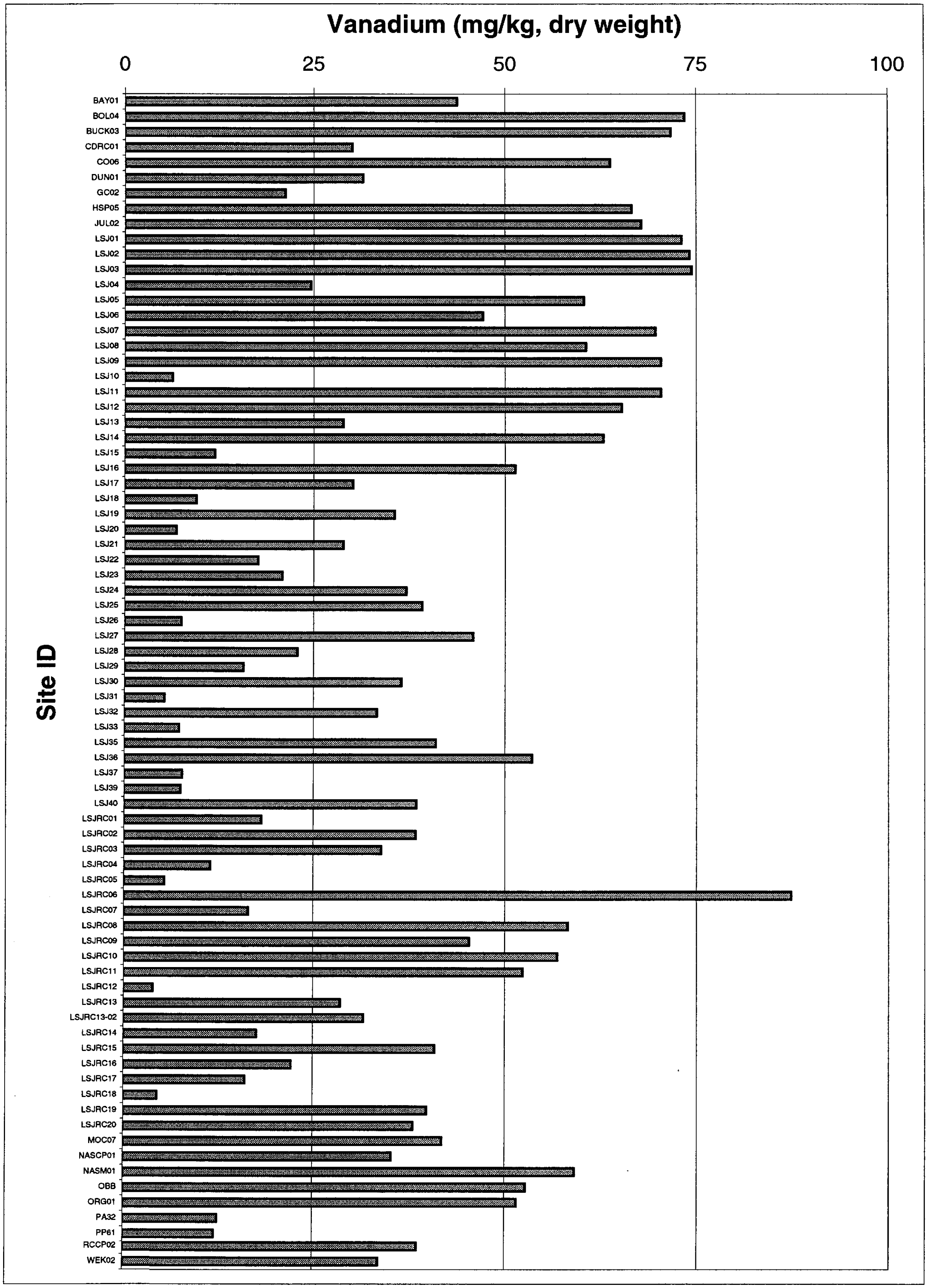
Selenium (mg/kg, dry weight)
0
2
3
5
6
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

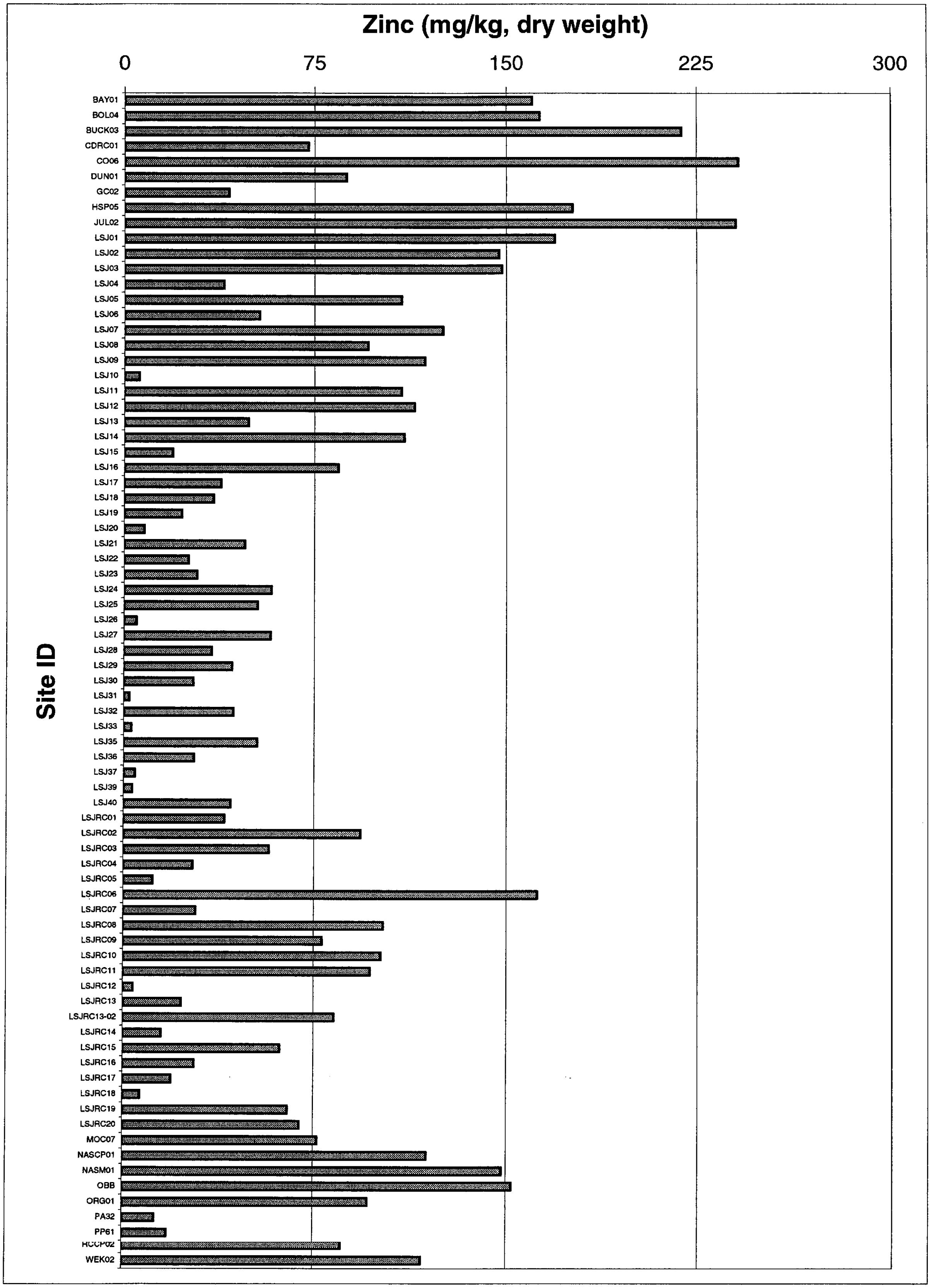


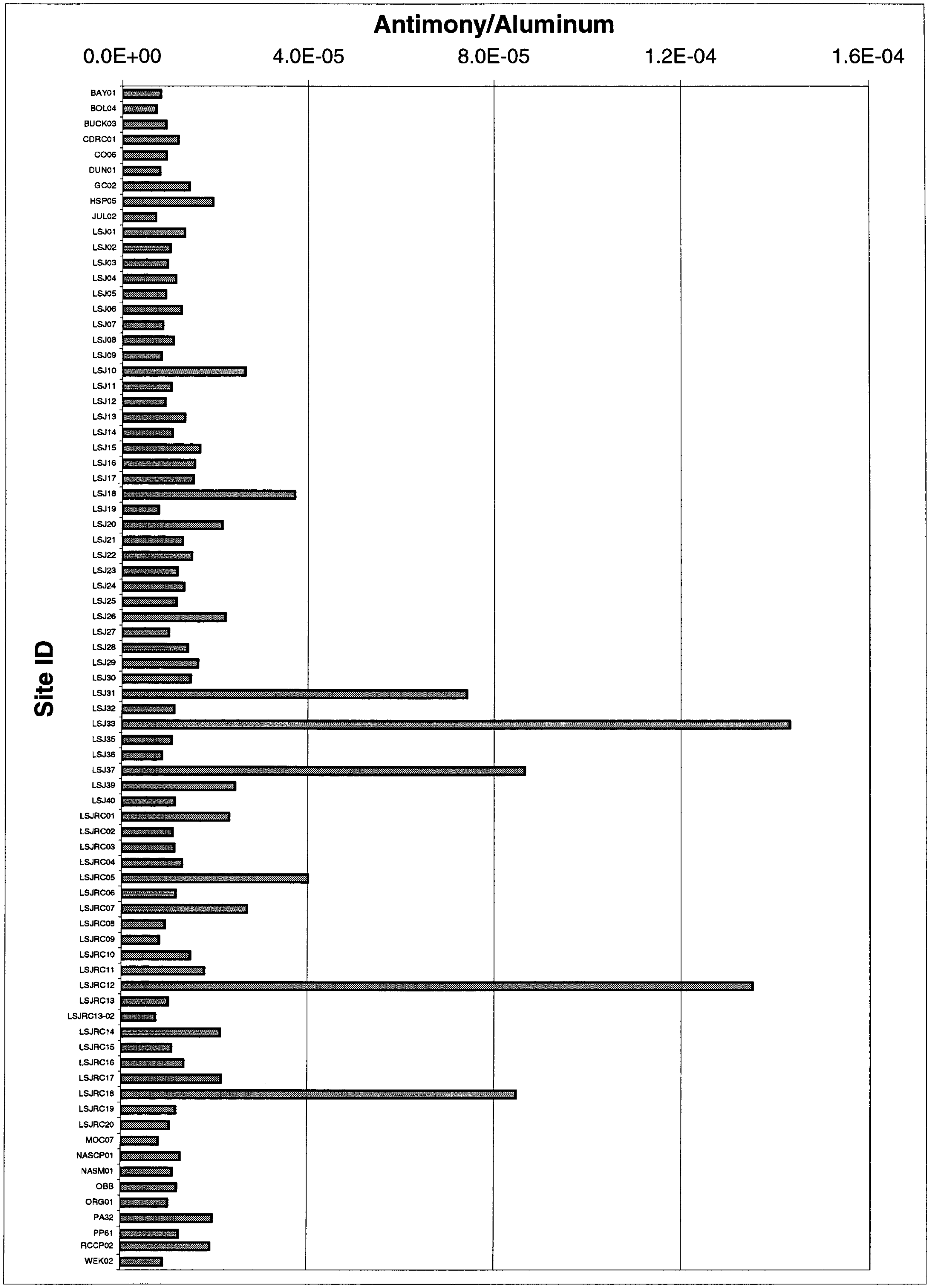
Silver (mg/kg, dry weight)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02


Thallium (mg/kg, dry weight)
0.0
0.2
0.3
0.5
0.6
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02

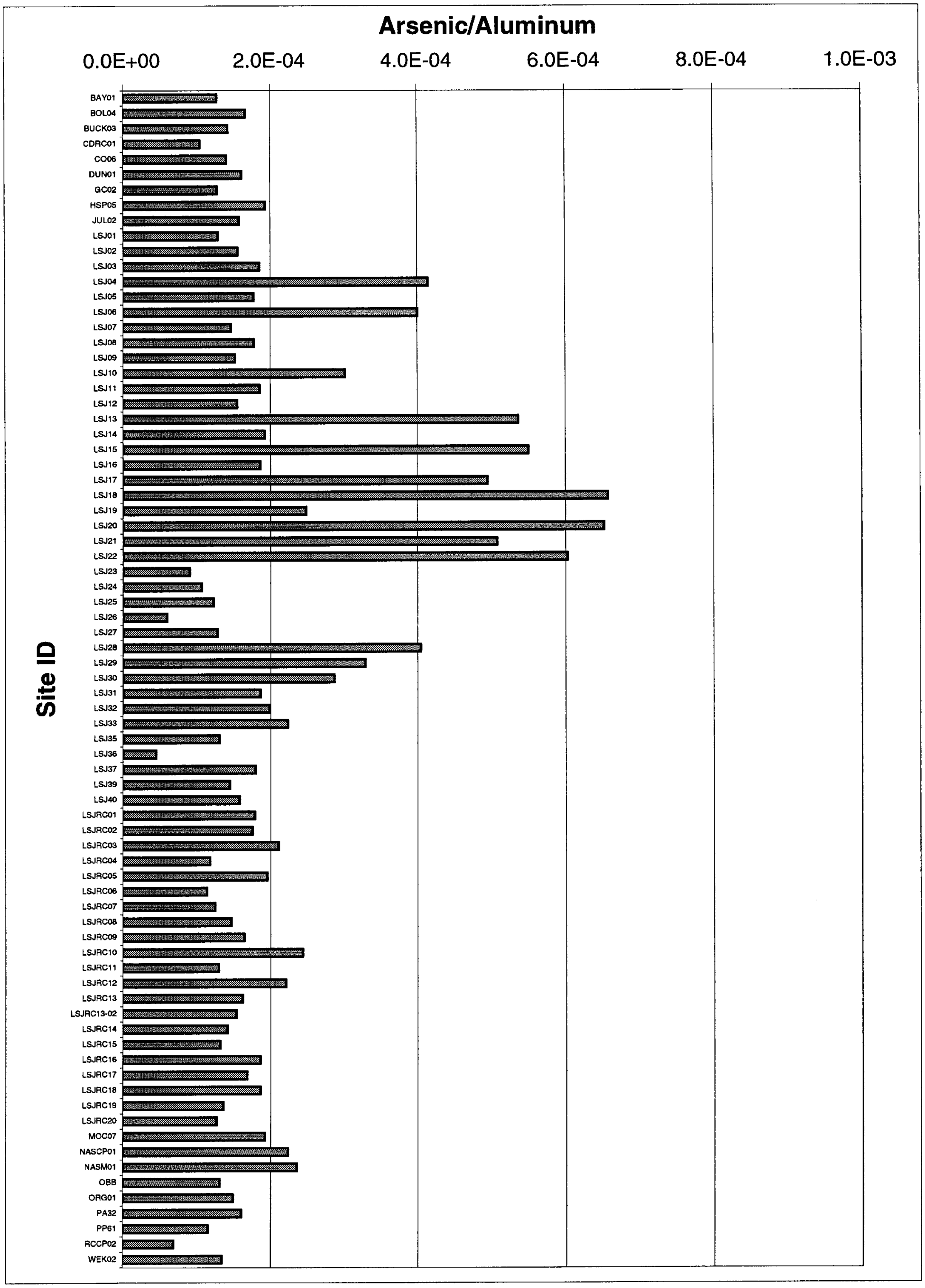

Tin (mg/kg, dry weight)
0
2
4
6
8
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

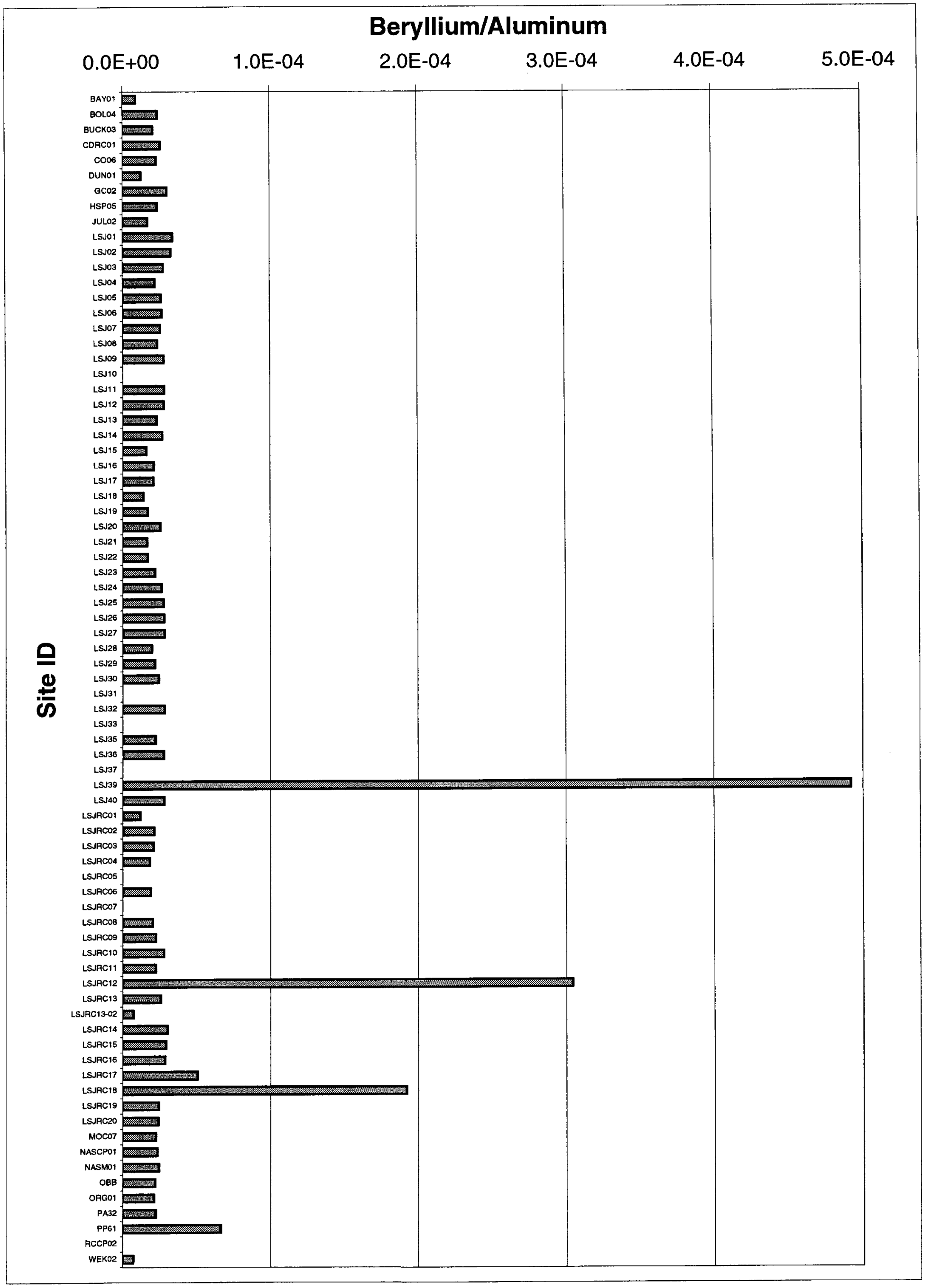

Vanadium (mg/kg, dry weight)
0
25
50
75
100
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

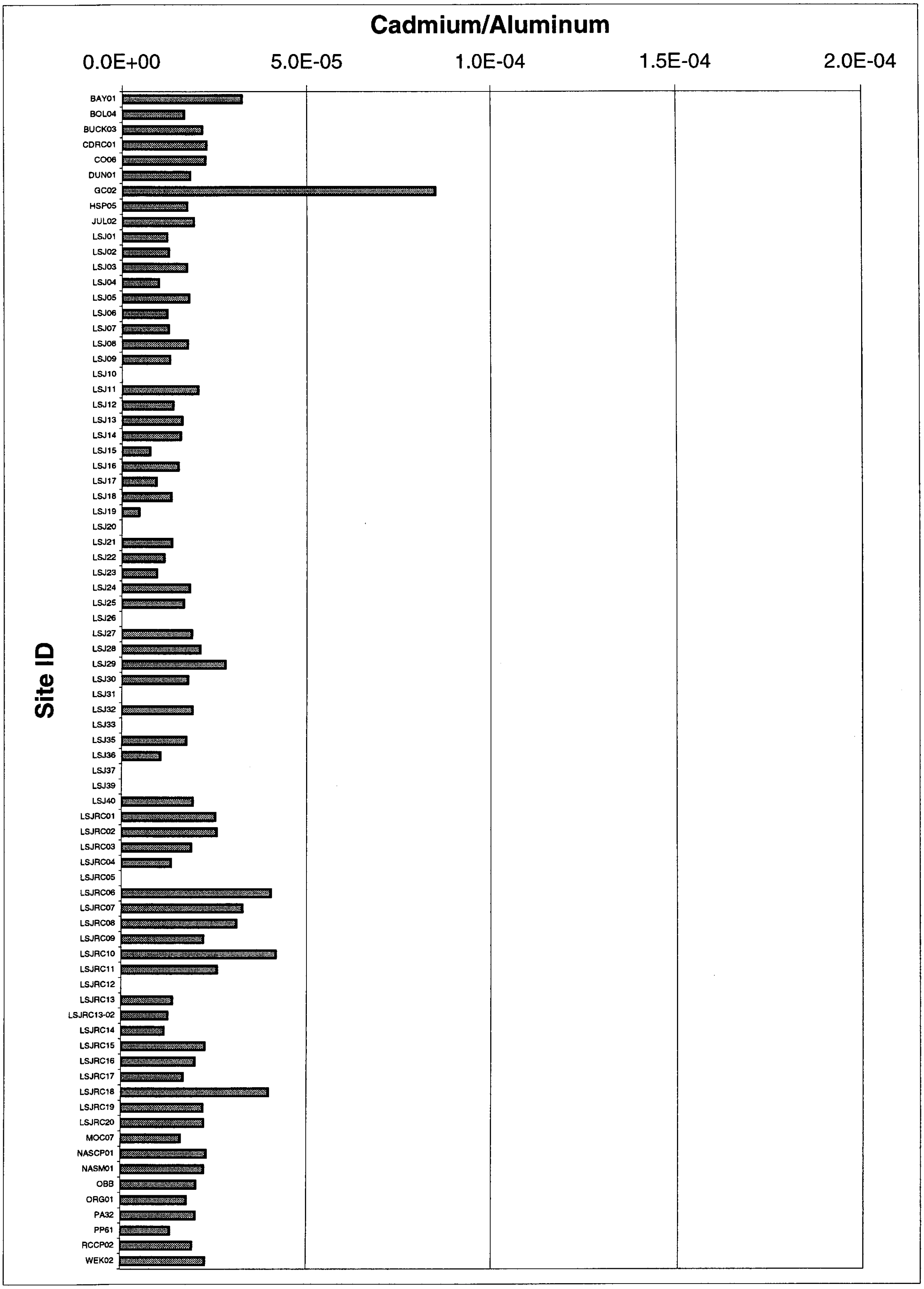

Zinc (mg/kg, dry weight)
0
75
150
225
300
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02



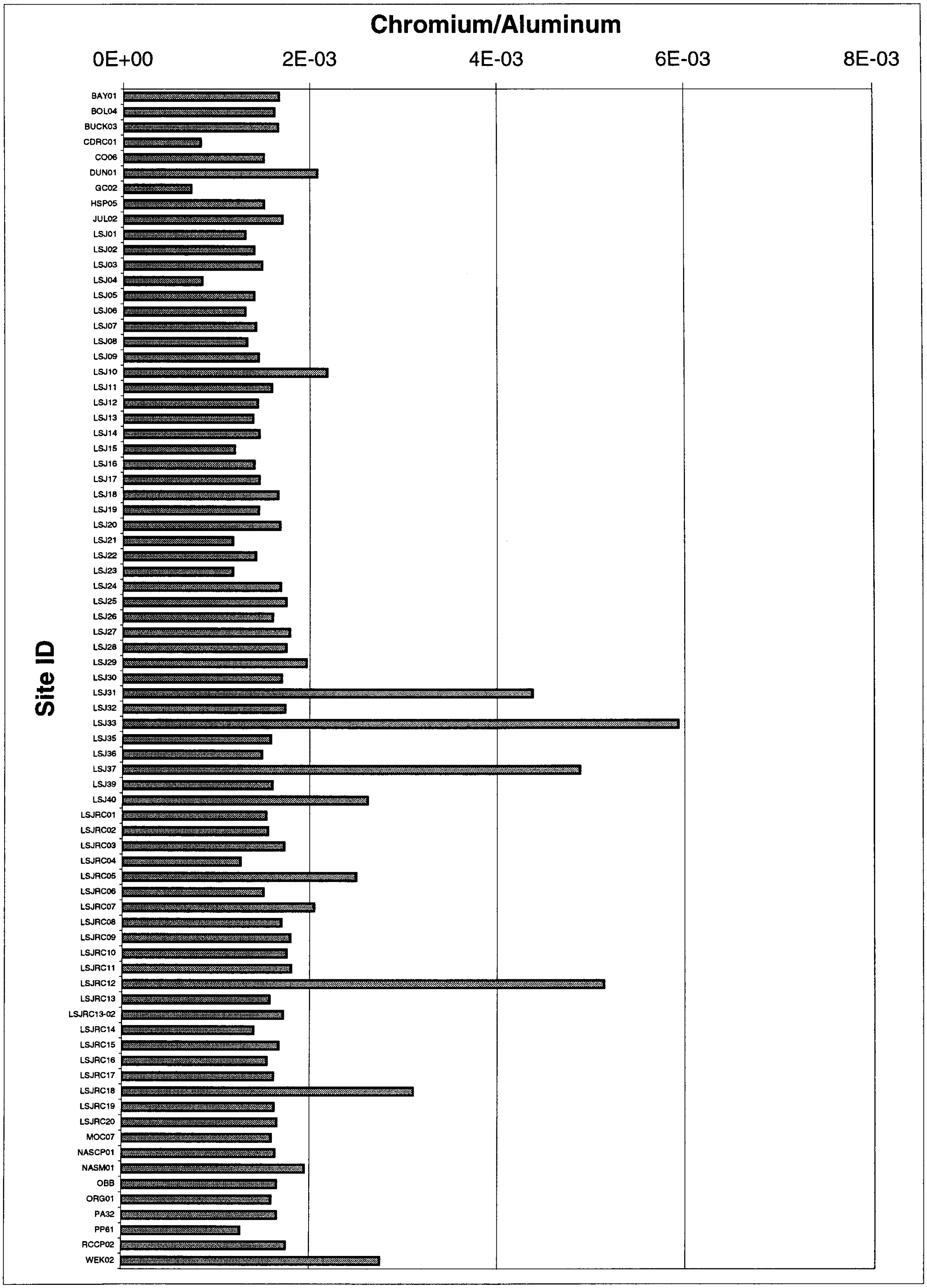
Antimony/Aluminum
0.0E+00
4.0E-05
8.0E-05
1.2E-04
1.6E-04
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02


Arsenic/Aluminum
0.0E+00
2.0E-04
4.0E-04
6.0E-04
8.0E-04
1.0E-03
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

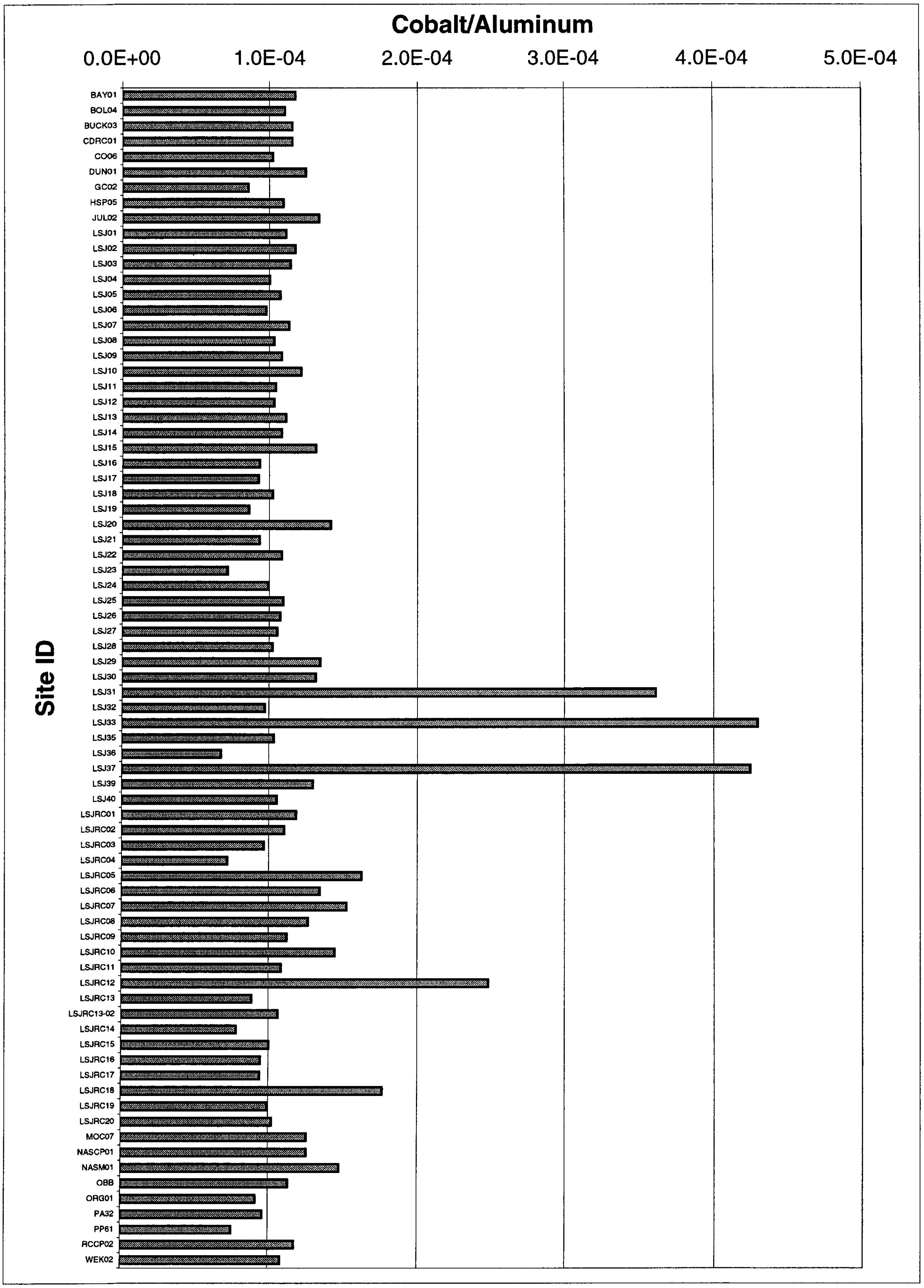

Beryllium/Aluminum
0.0E+00
1.0E-04
2.0E-04
3.0E-04
4.0E-04
5.0E-04
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



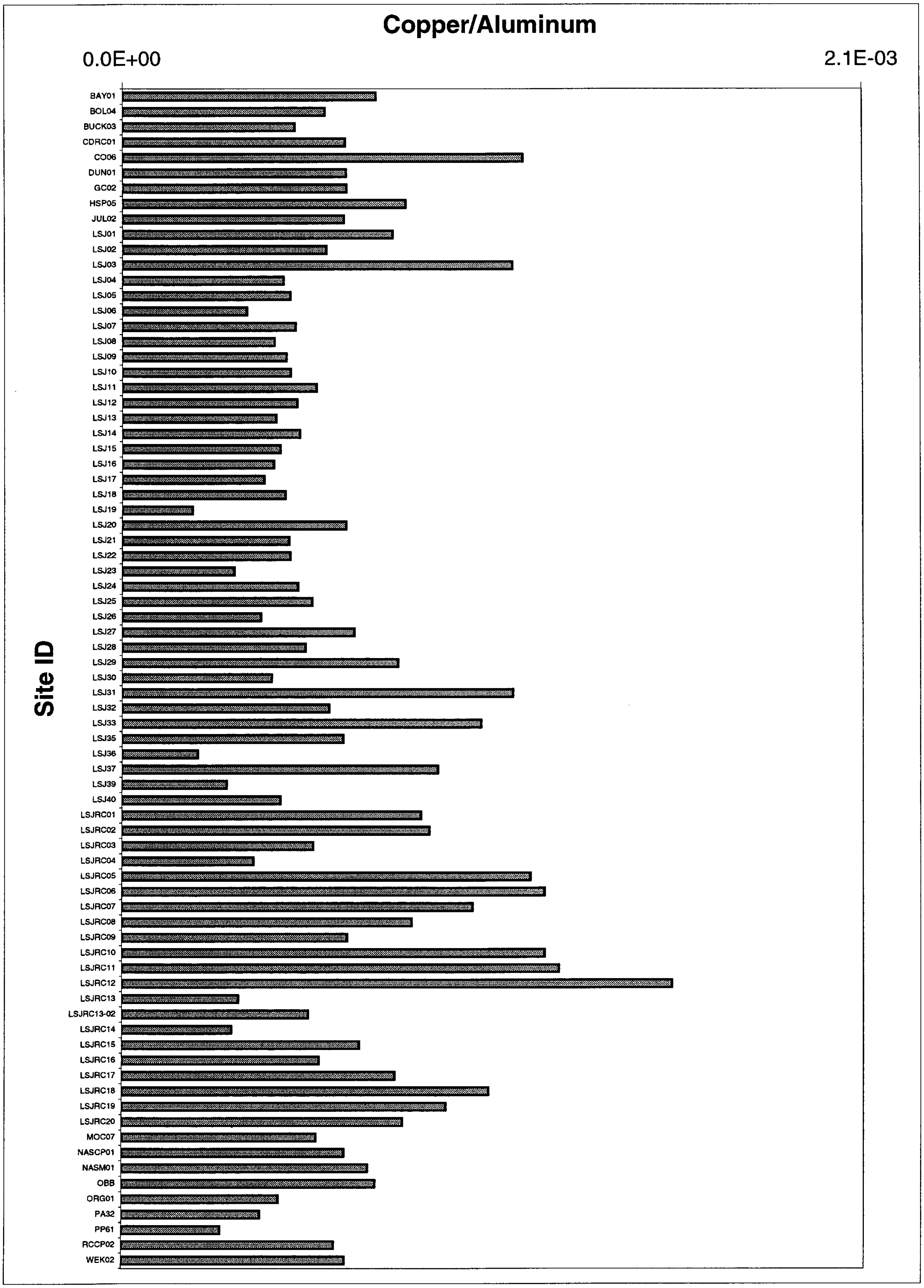
Cadmium/Aluminum
0.0E+00
5.0E-05
1.0E-04
1.5E-04
2.0E-04
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



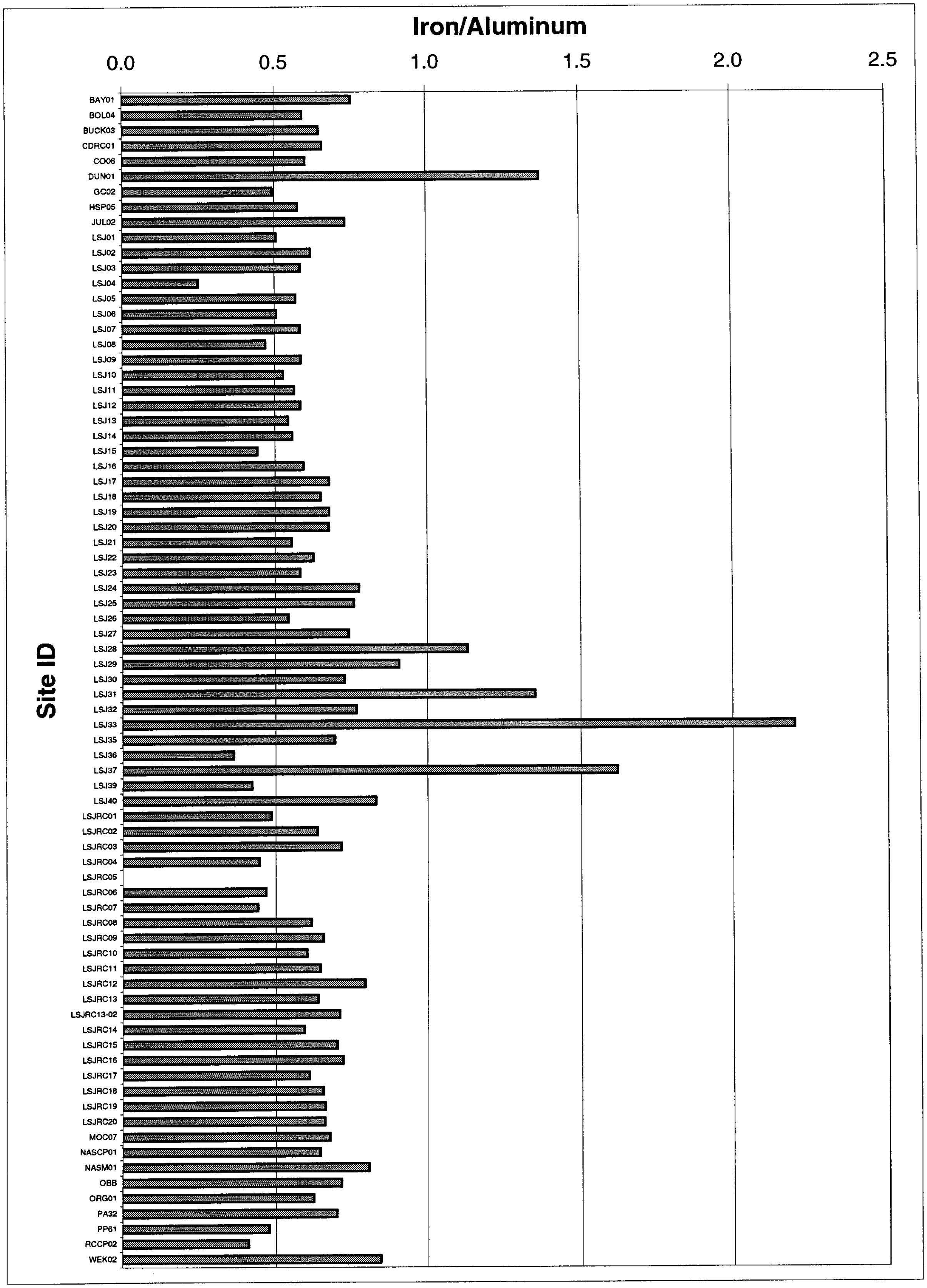
Chromium/Aluminum
0E+00
2E-03
4E-03
6E-03
8E-03
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



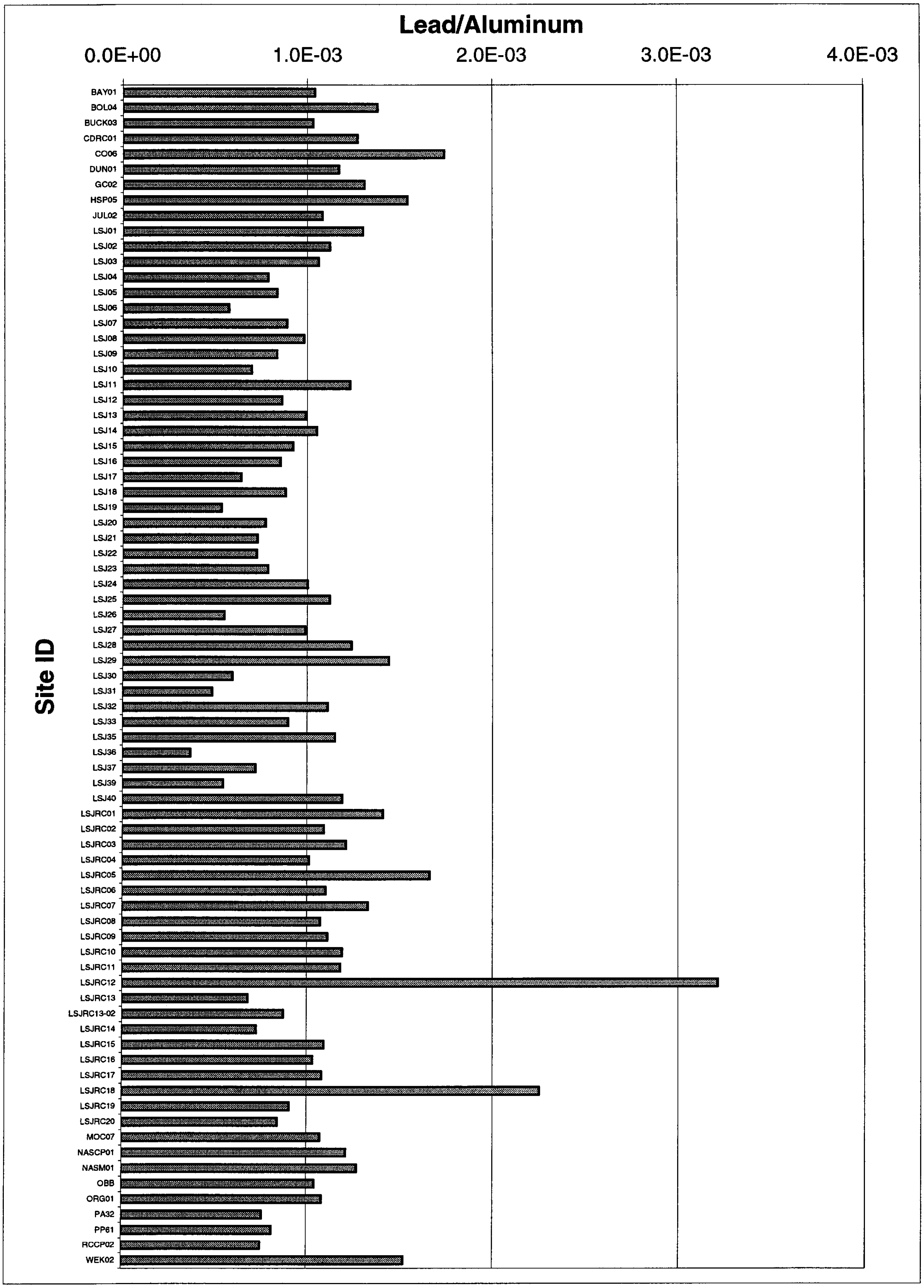
Cobalt/Aluminum
0.0E+00
1.0E-04
2.0E-04
3.0E-04
4.0E-04
5.0E-04
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

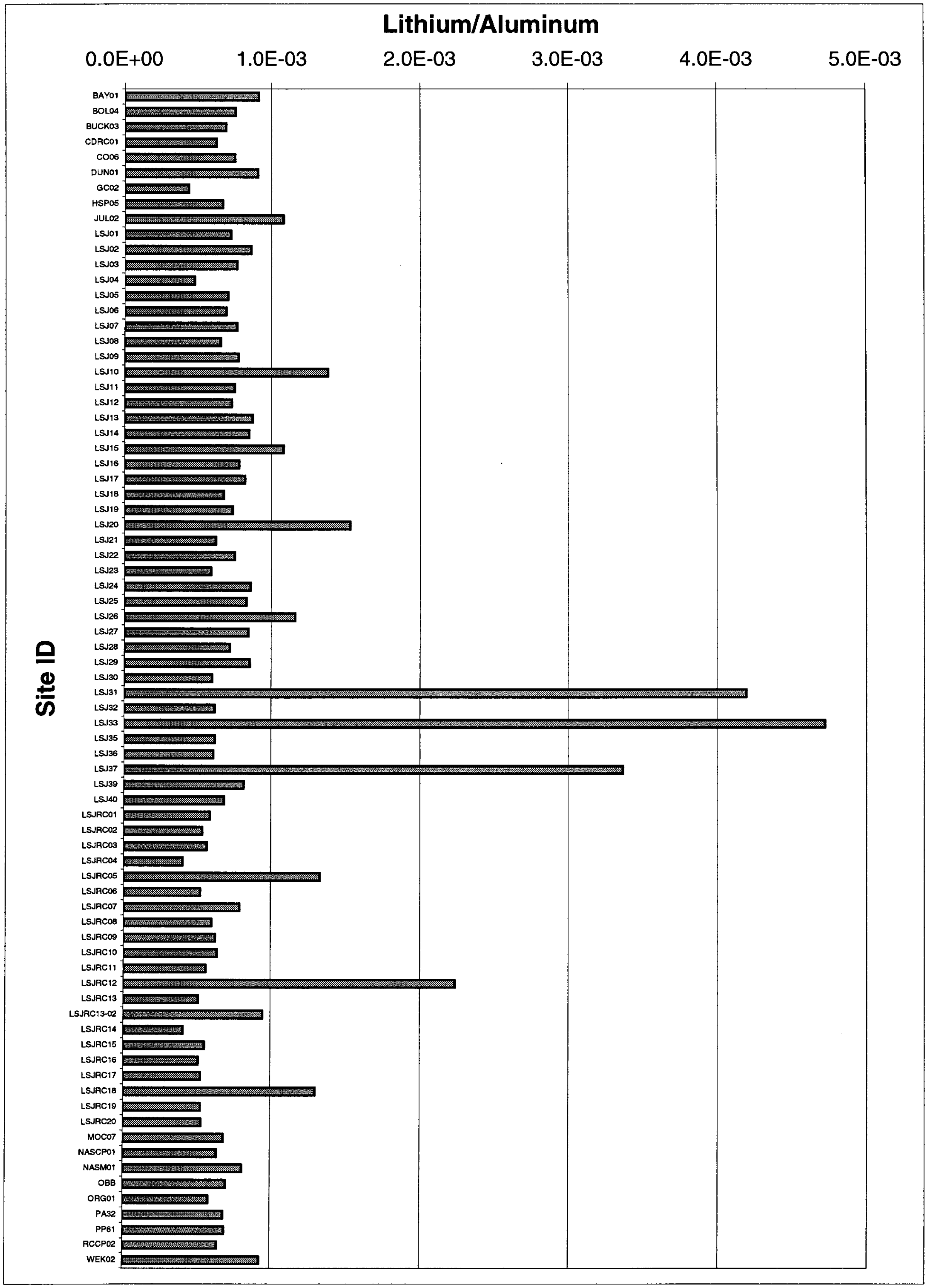


Copper/Aluminum
0.0E+00
2.1E-03
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

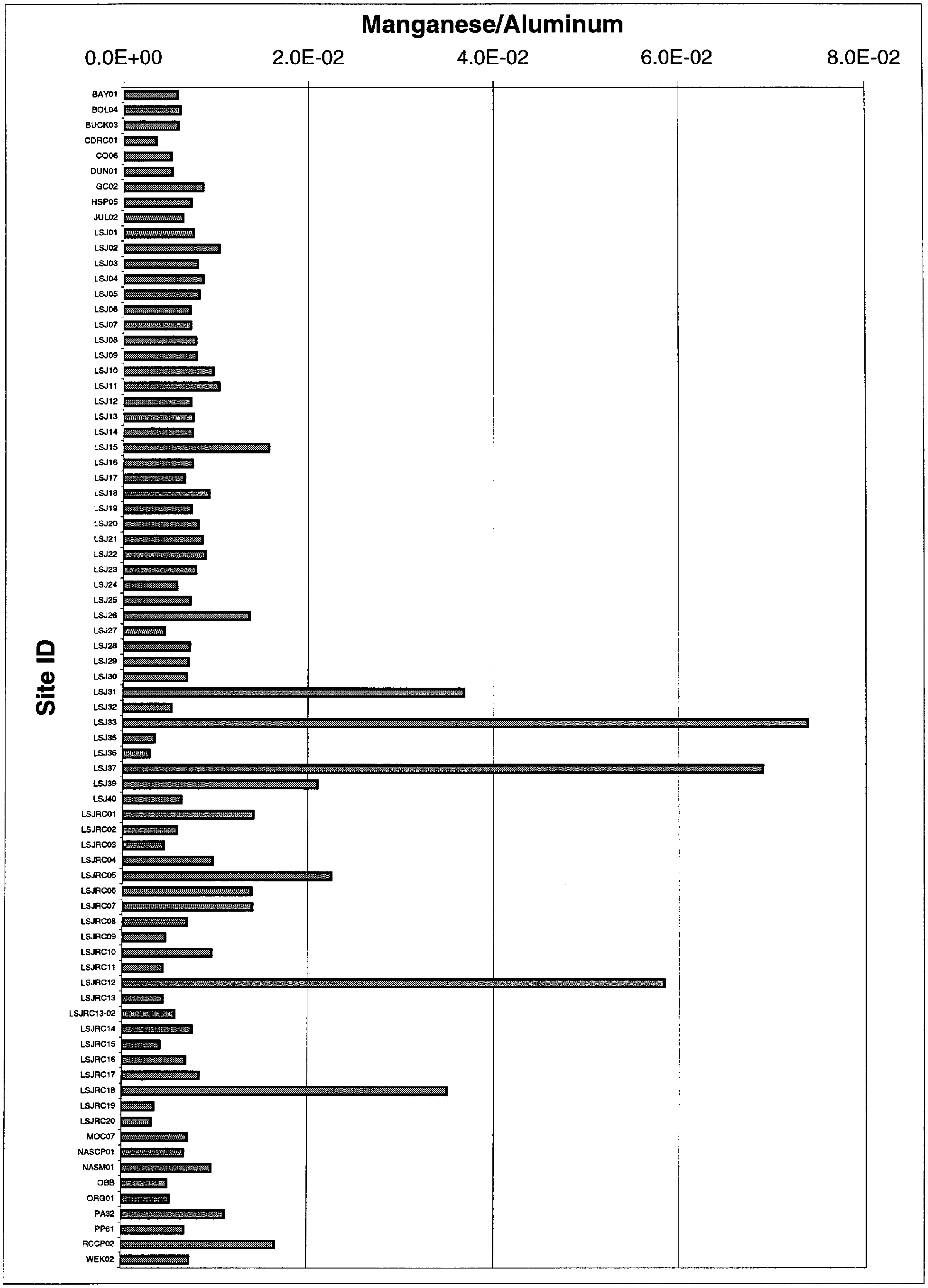


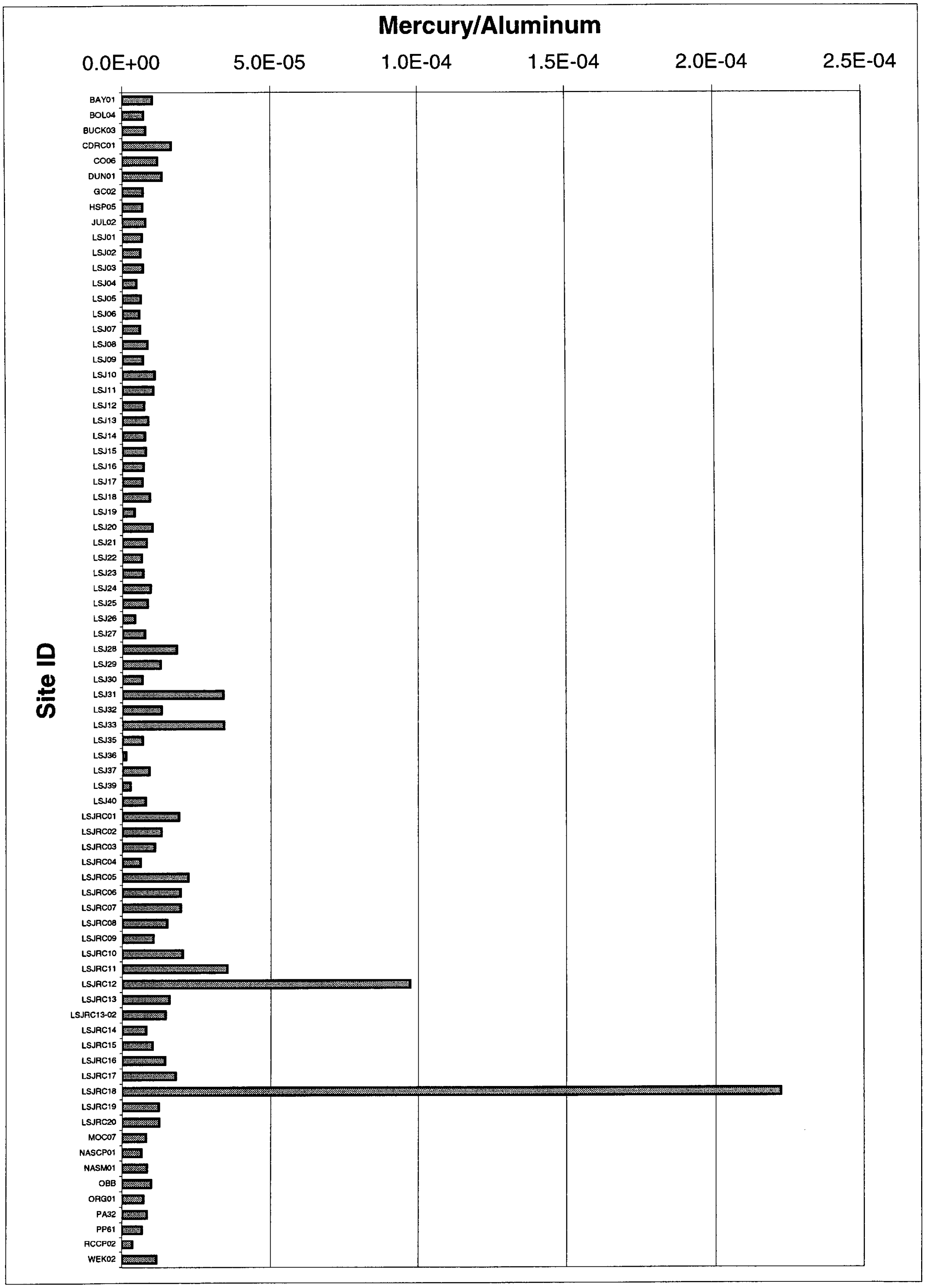
Iron/Aluminum
0.0
0.5
1.0
1.5
2.0
2.5
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02


Lead/Aluminum
0.0E+00
1.0E-03
2.0E-03
3.0E-03
4.0E-03
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

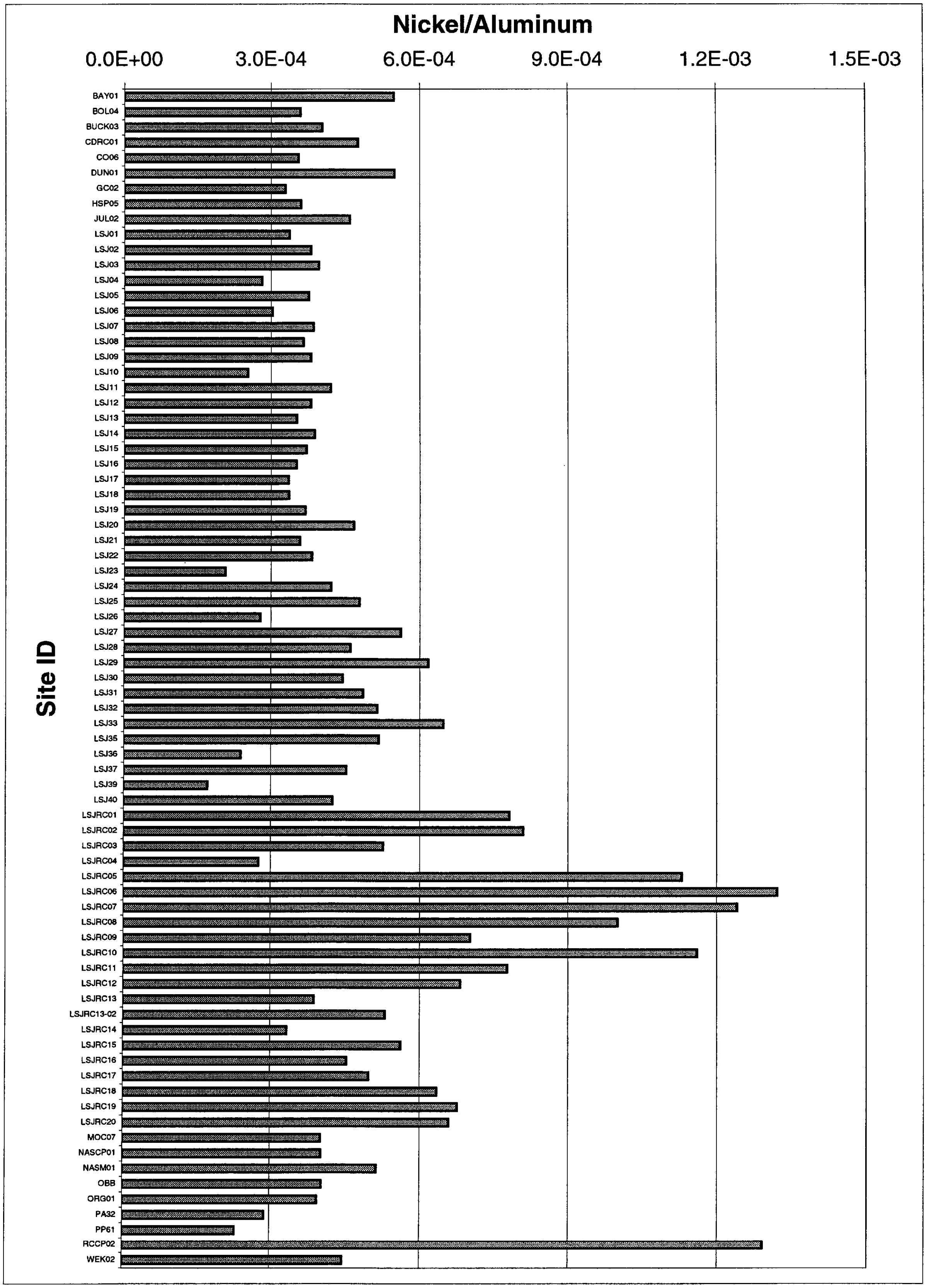


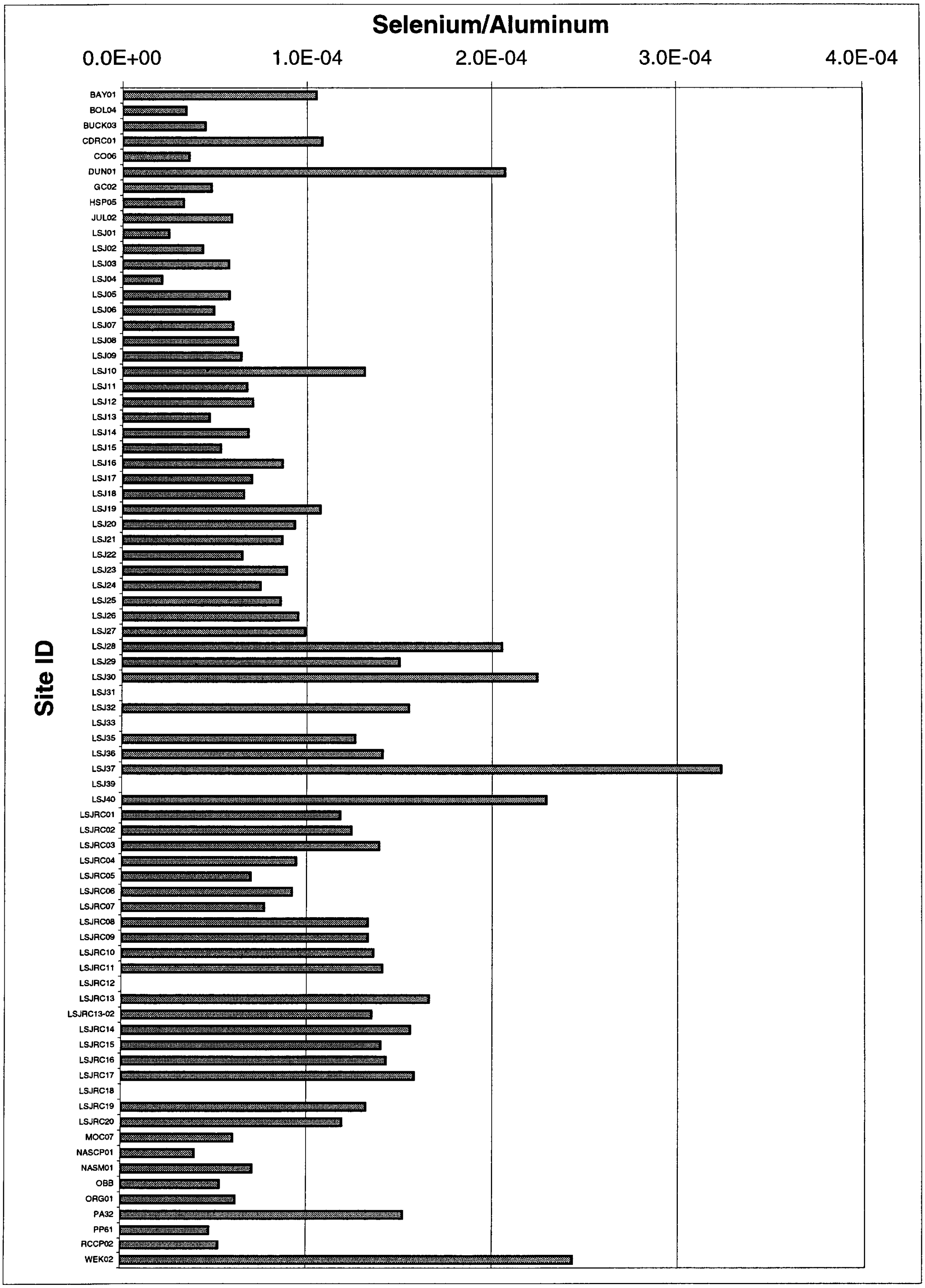
Lithium/Aluminum
0.0E+00
1.0E-03
2.0E-03
3.0E-03
4.0E-03
5.0E-03
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

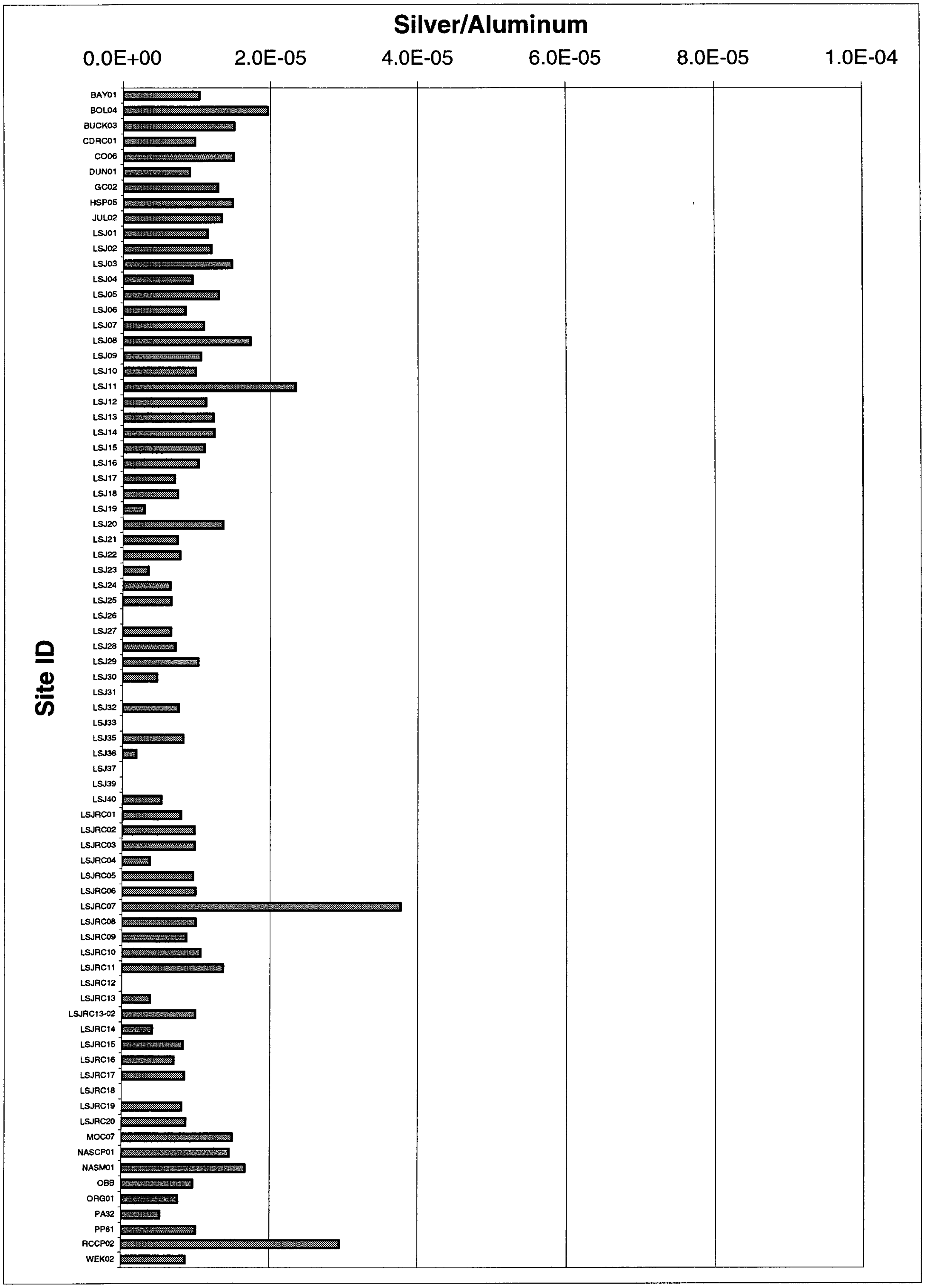

Manganese/Aluminum
0.0E+00
2.0E-02
4.0E-02
6.0E-02
8.0E-02
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

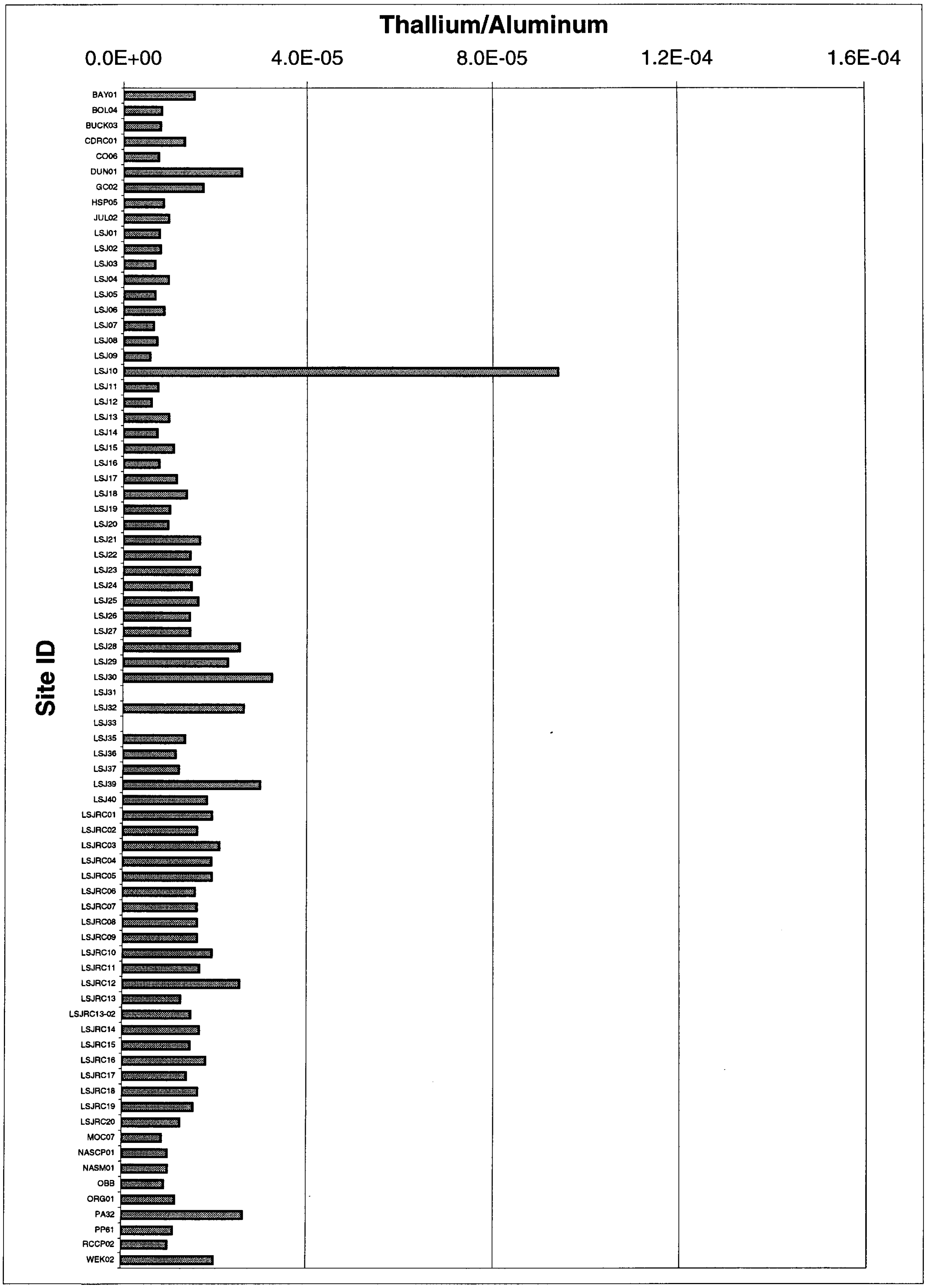


Mercury/Aluminum
0.0E+00
5.0E-05
1.0E-04
1.5E-04
2.0E-04
2.5E-04
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

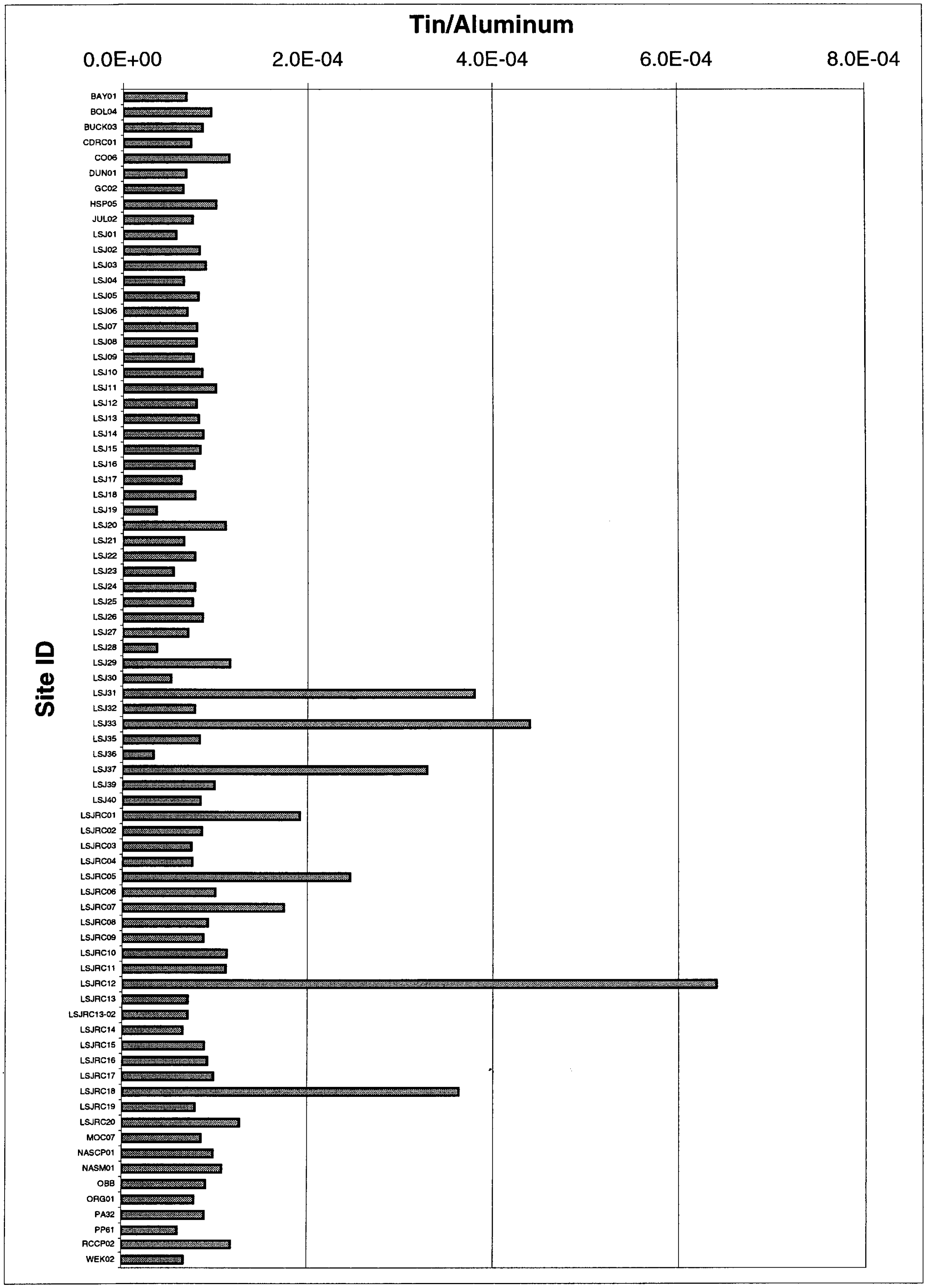

Nickel/Aluminum
0.0E+00
3.0E-04
6.0E-04
9.0E-04
1.2E-03
1.5E-03
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

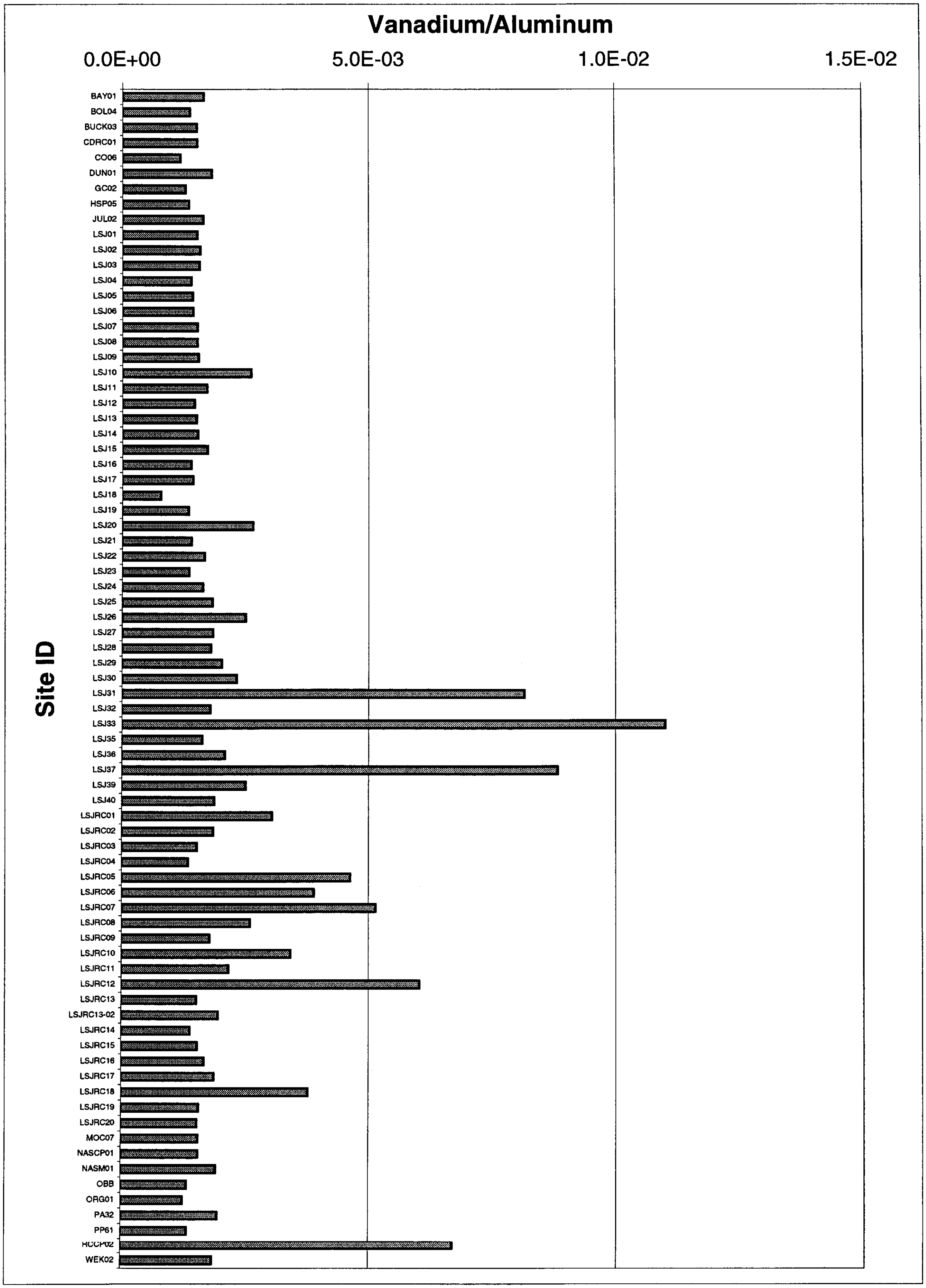

Selenium/Aluminum
0.0E+00
1.0E-04
2.0E-04
3.0E-04
4.0E-04
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02


Silver/Aluminum
0.0E+00
2.0E-05
4.0E-05
6.0E-05
8.0E-05
1.0E-04
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

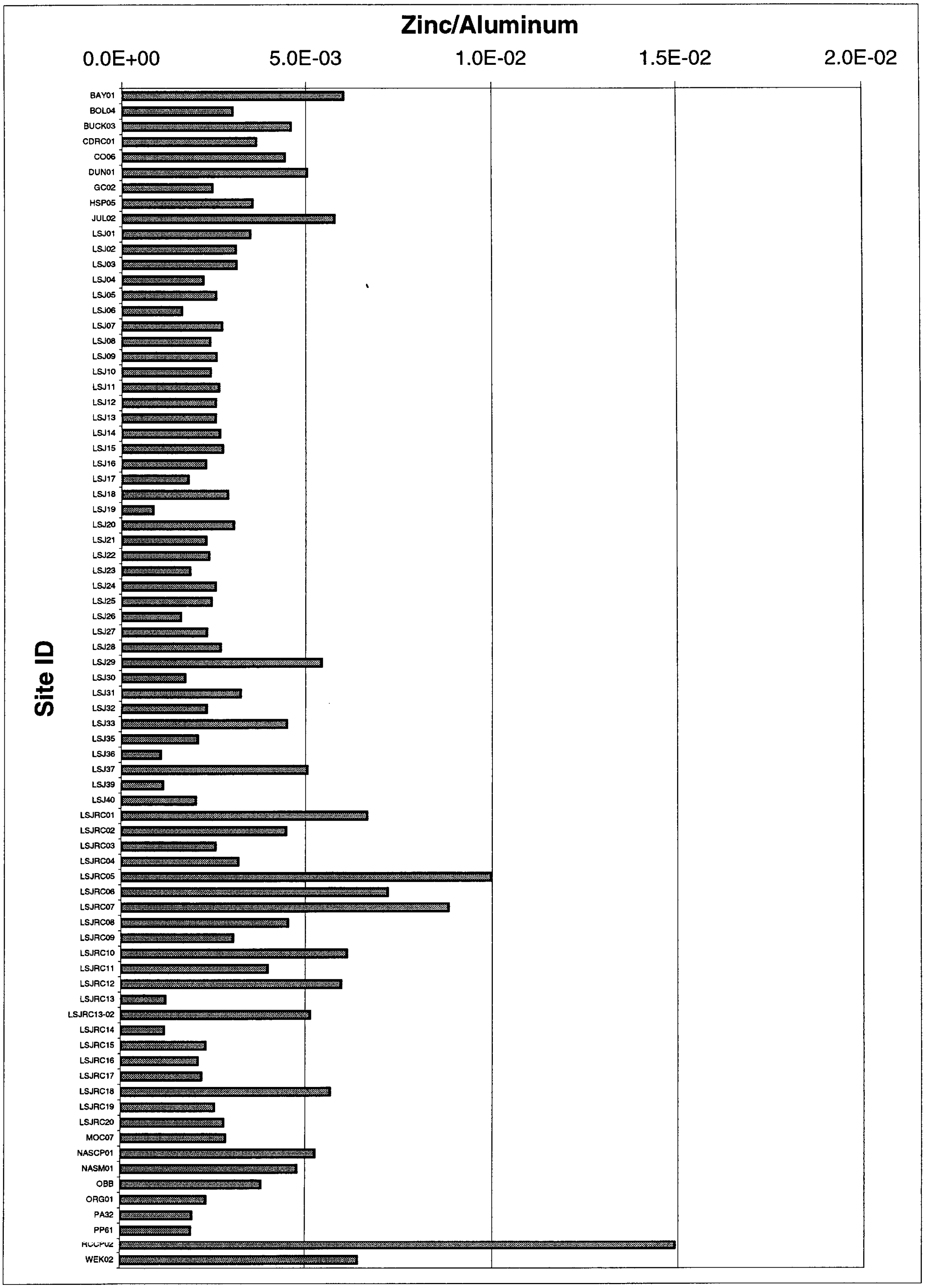


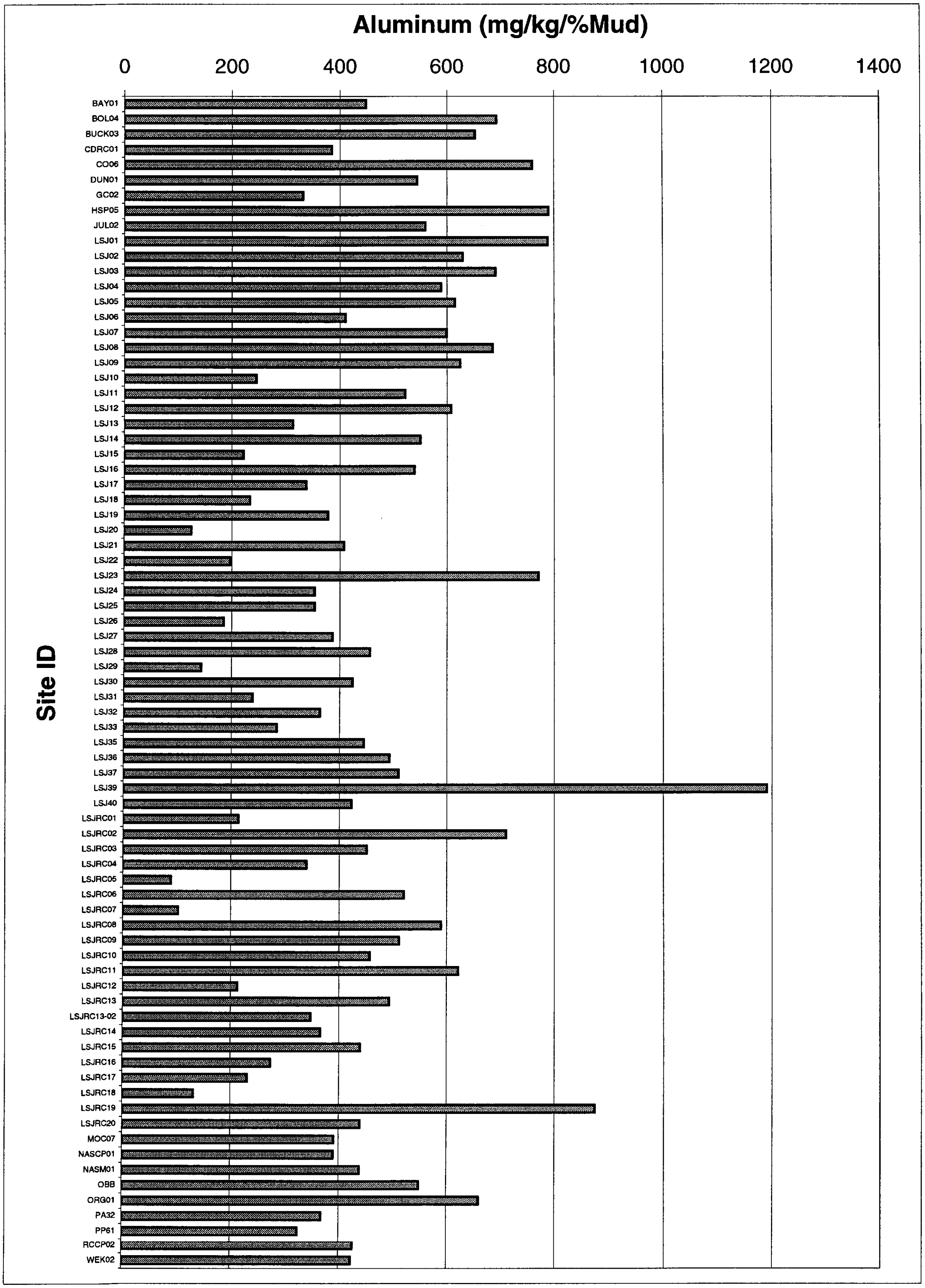
Thallium/Aluminum
0.0E+00
4.0E-05
8.0E-05
1.2E-04
1.6E-04
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02


Tin/Aluminum
0.0E+00
2.0E-04
4.0E-04
6.0E-04
8.0E-04
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

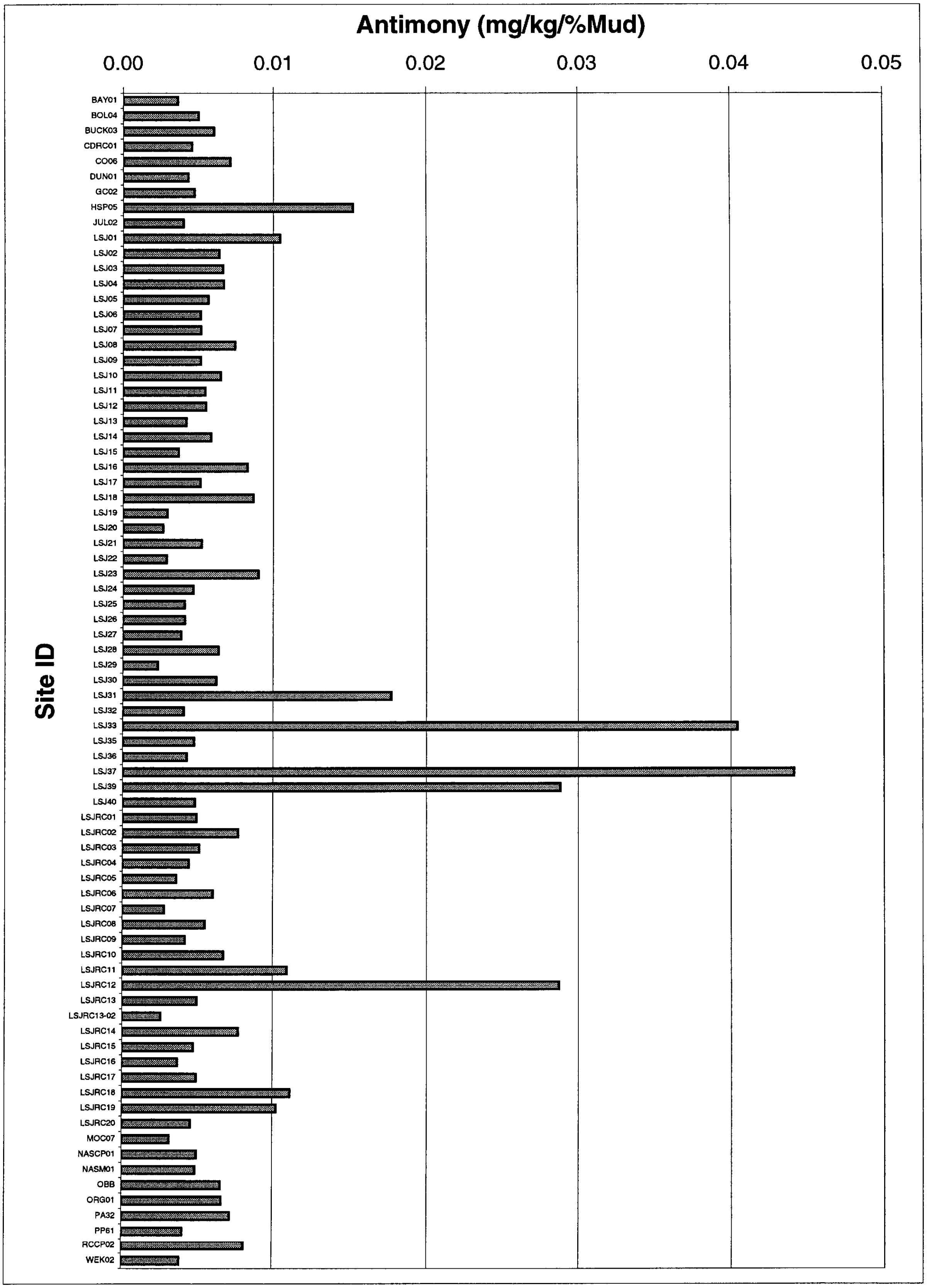


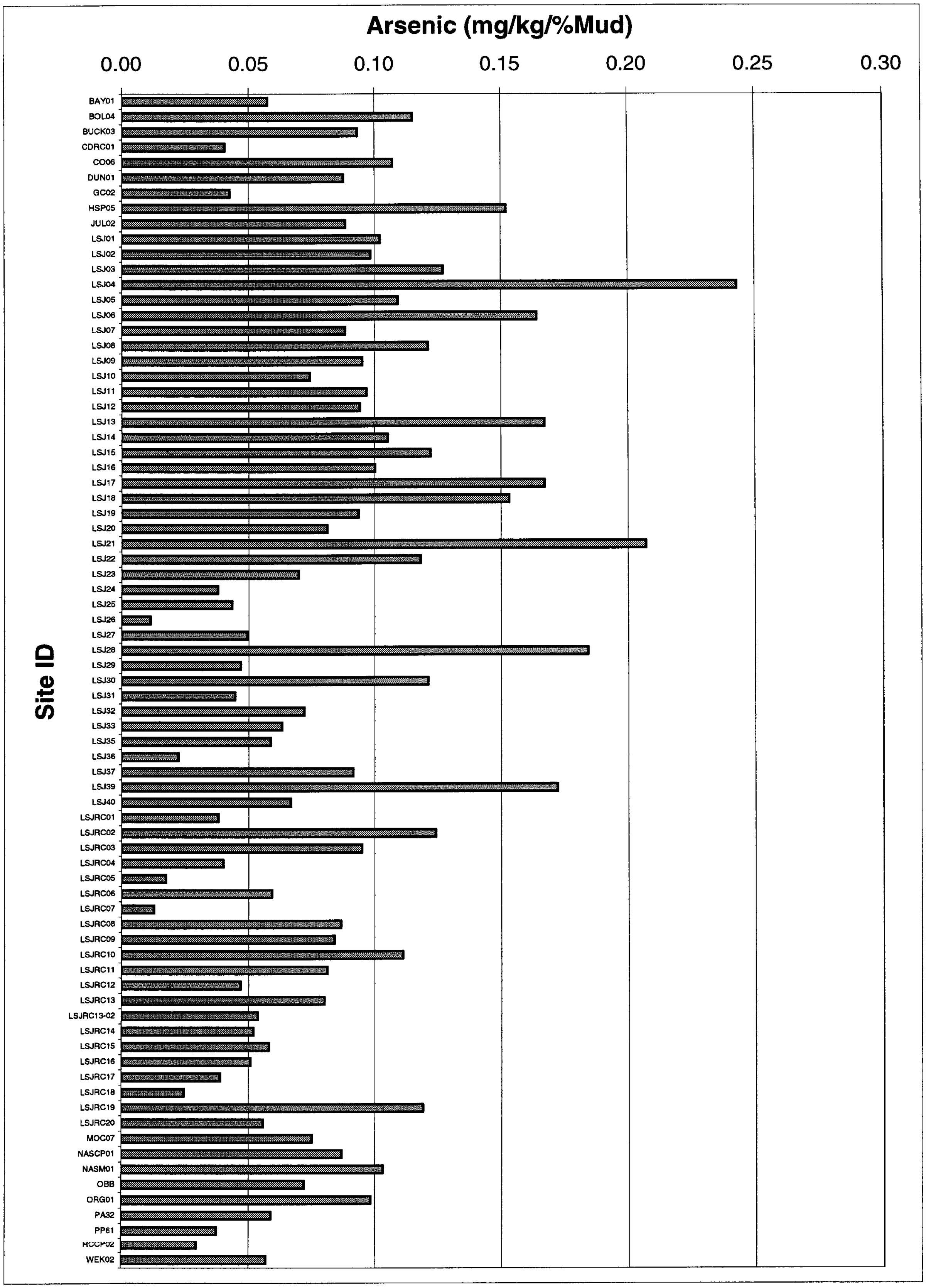
Vanadium/Aluminum
0.0E+00
5.0E-03
1.0E-02
1.5E-02
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02


Zinc/Aluminum
0.0E+00
5.0E-03
1.0E-02
1.5E-02
2.0E-02
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02

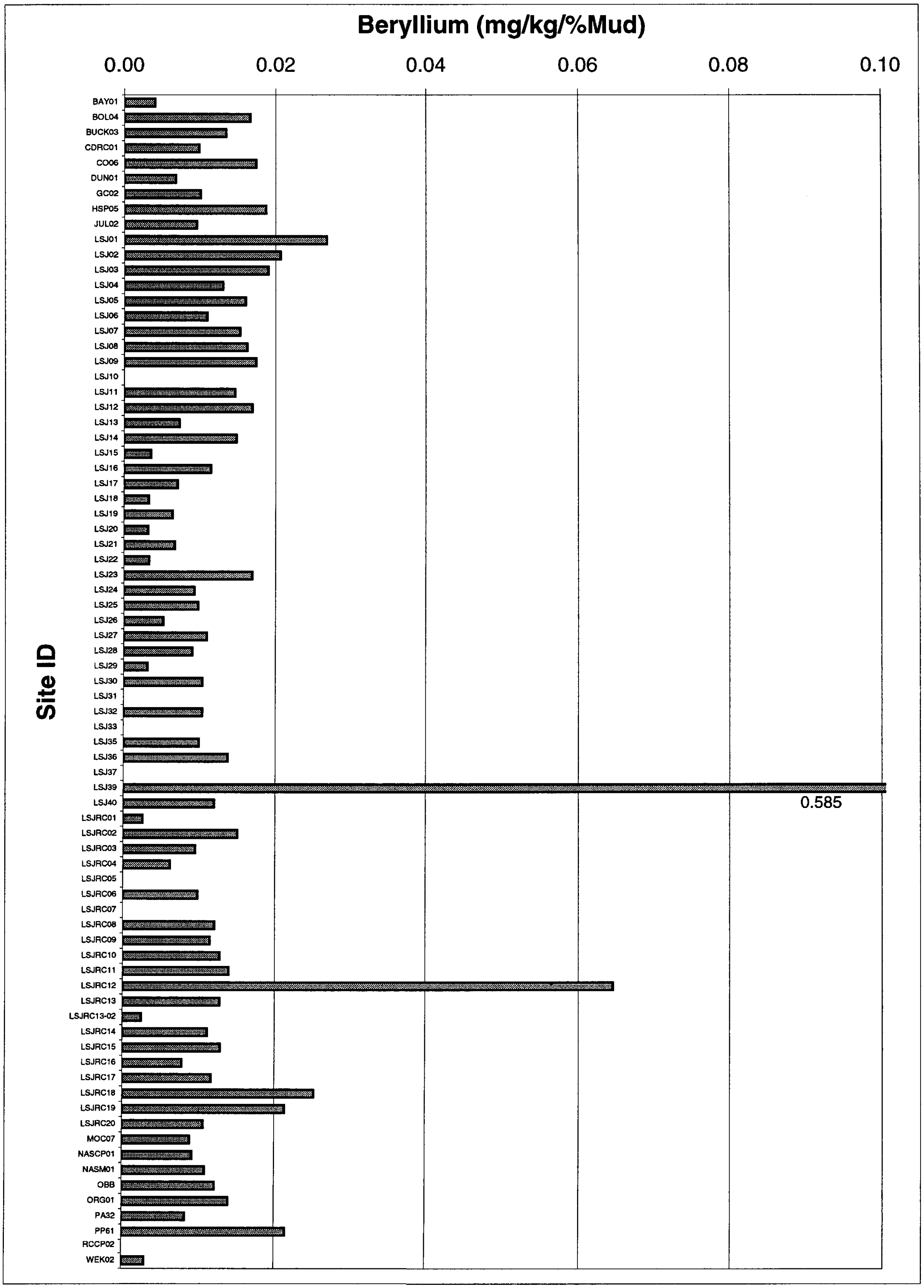


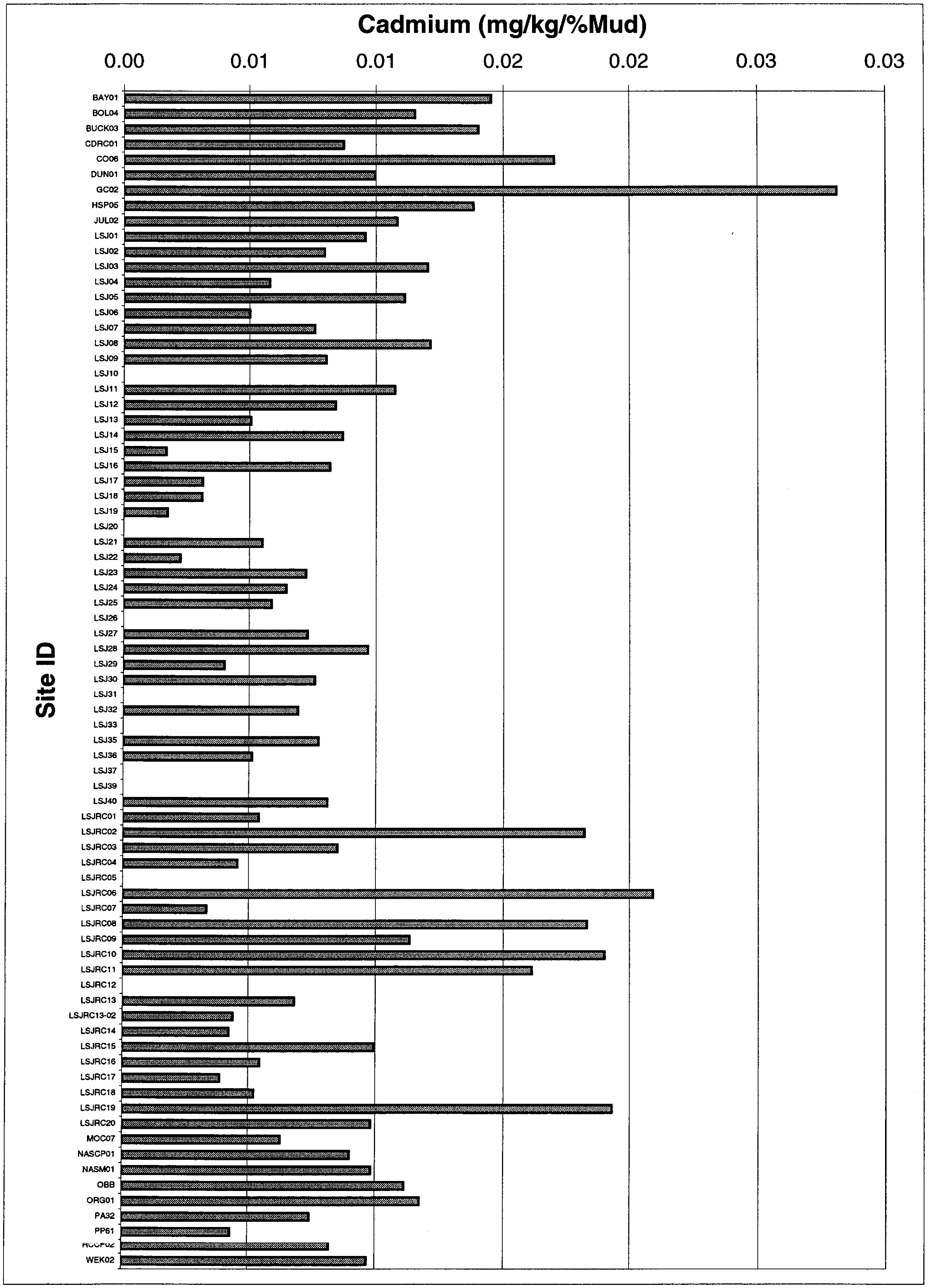
Aluminum (mg/kg/%Mud)
0
200
400
600
800
1000
1200
1400
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

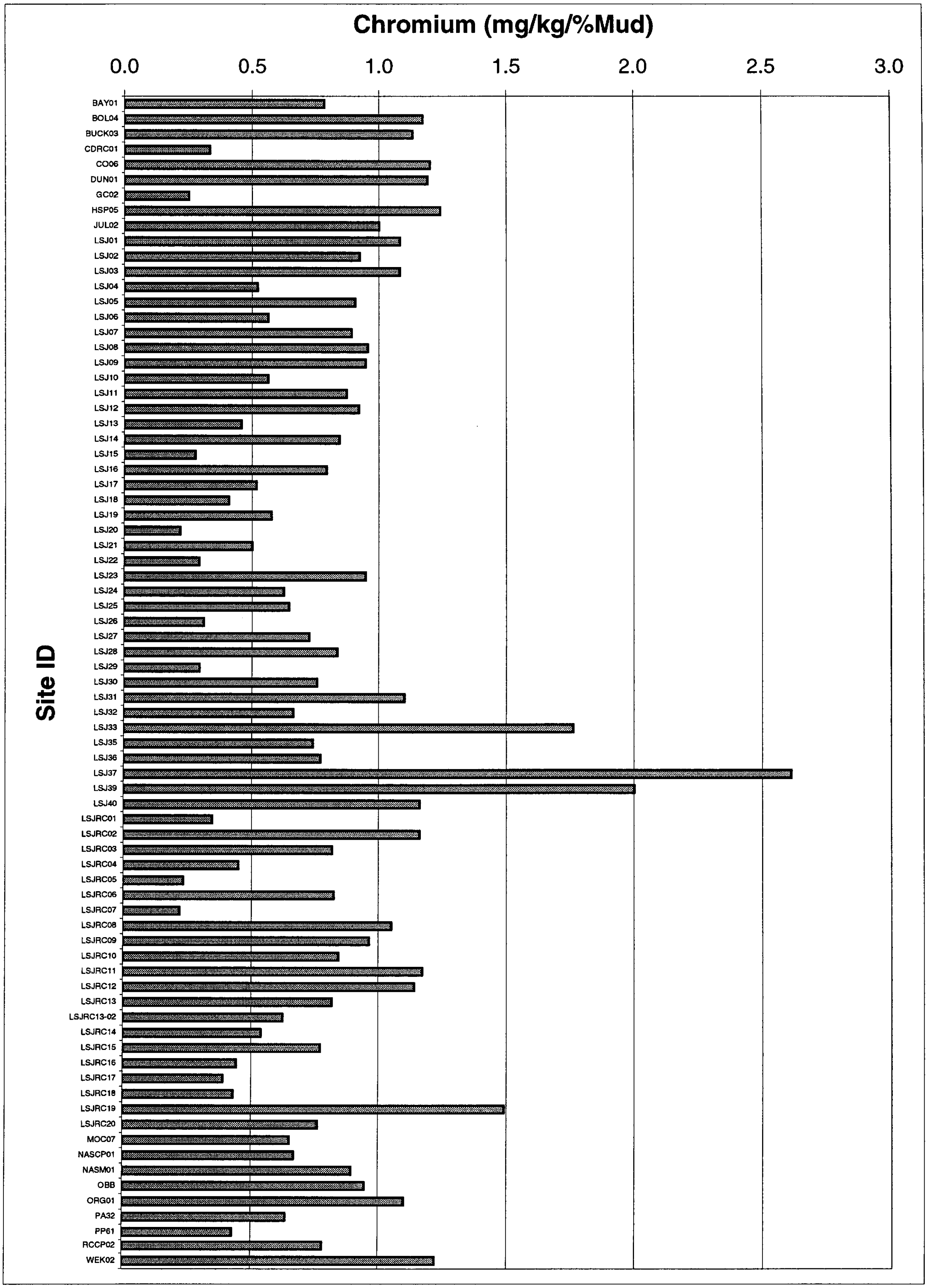

Antimony (mg/kg/%Mud)
0.00
0.01
0.02
0.03
0.04
0.05
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

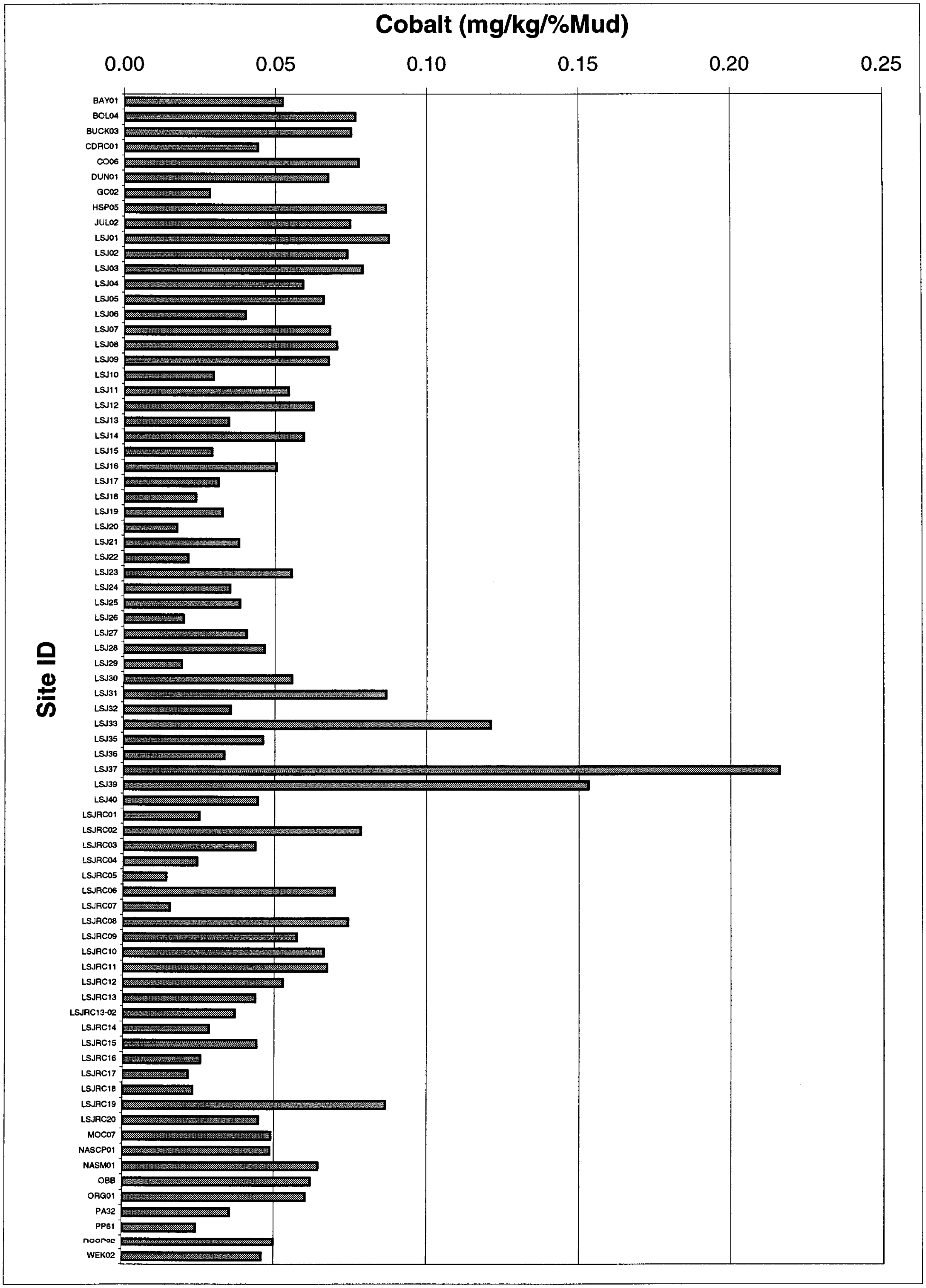


Arsenic (mg/kg/%Mud)
0.00
0.05
0.10
0.15
0.20
0.25
0.30
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

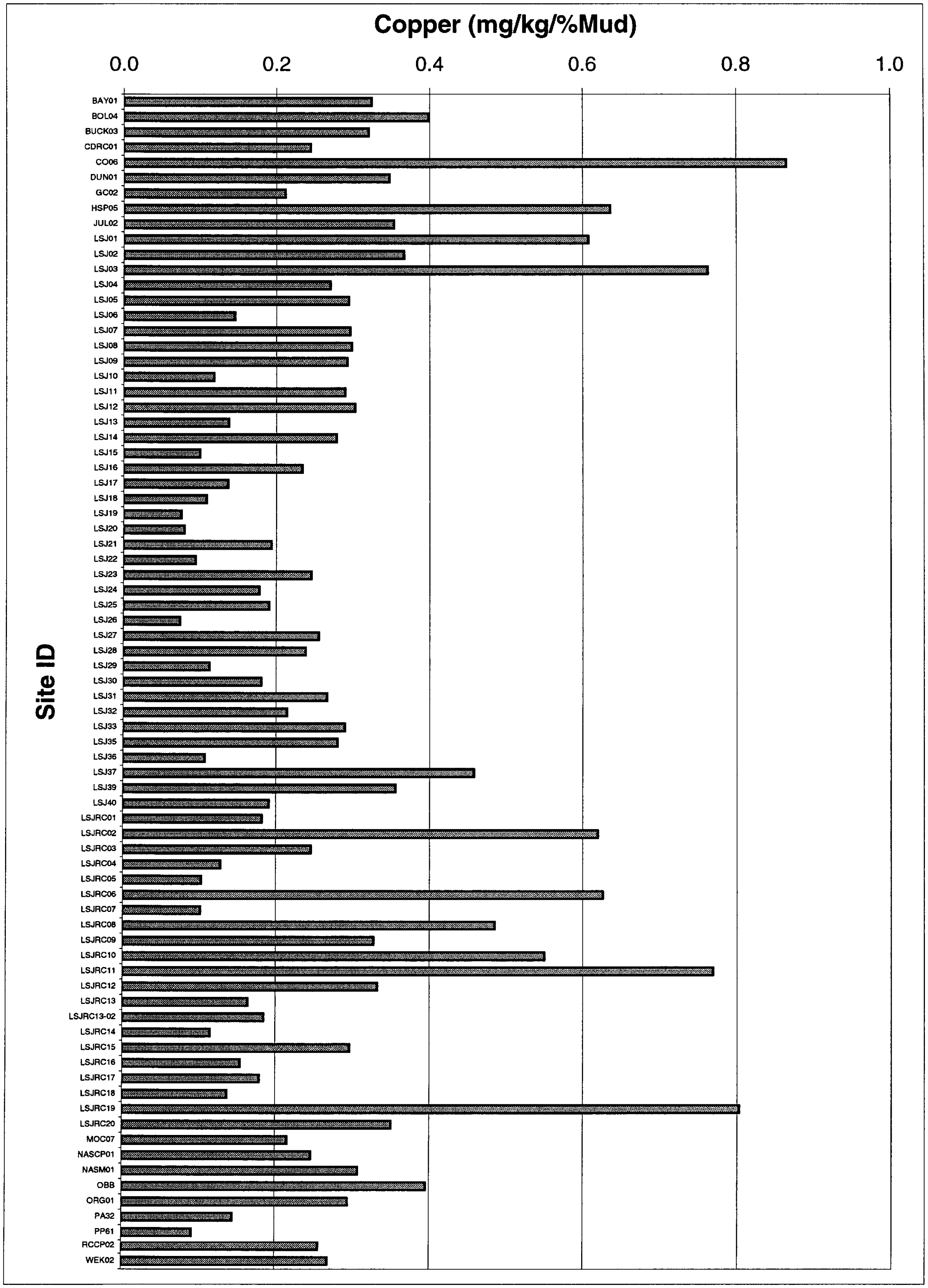

Beryllium (mg/kg/%Mud)
0.00
0.02
0.04
0.06
0.08
0.10
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
0.585
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02


Cadmium (mg/kg/%Mud)
0.00
0.01
0.01
0.02
0.02
0.03
0.03
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02

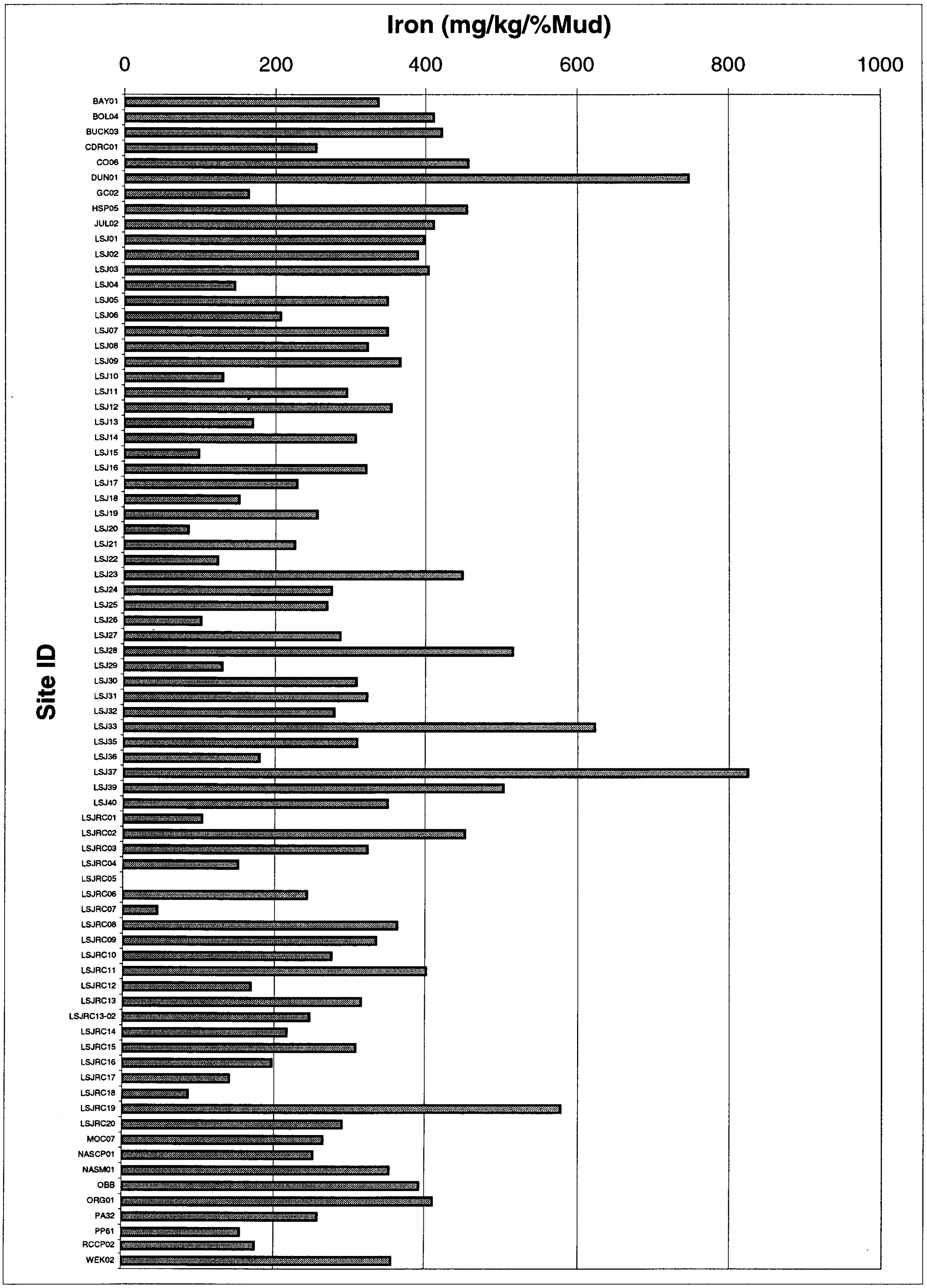

Chromium (mg/kg/%Mud)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

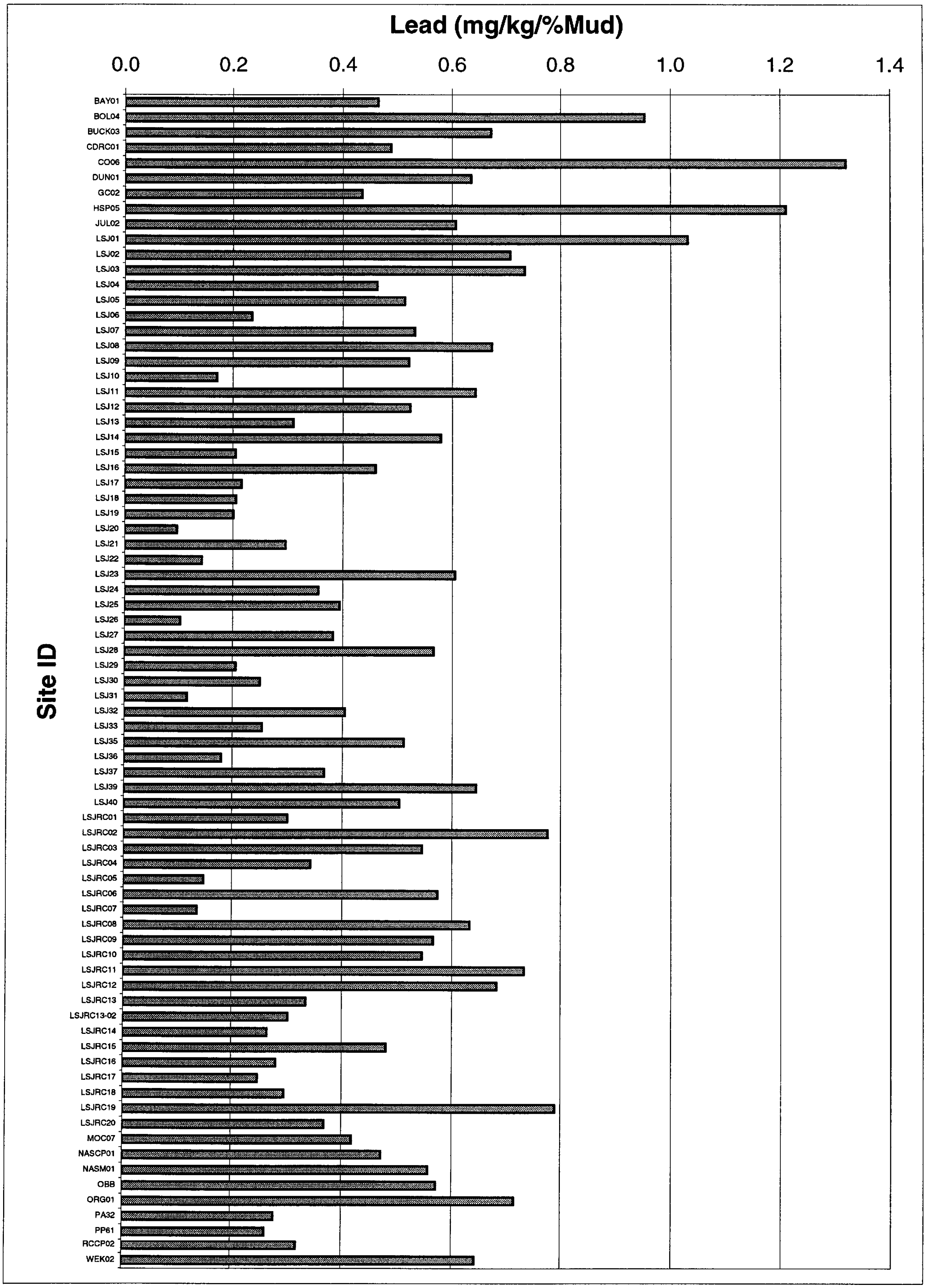


Cobalt (mg/kg/%Mud)
0.00
0.05
0.10
0.15
0.20
0.25
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02

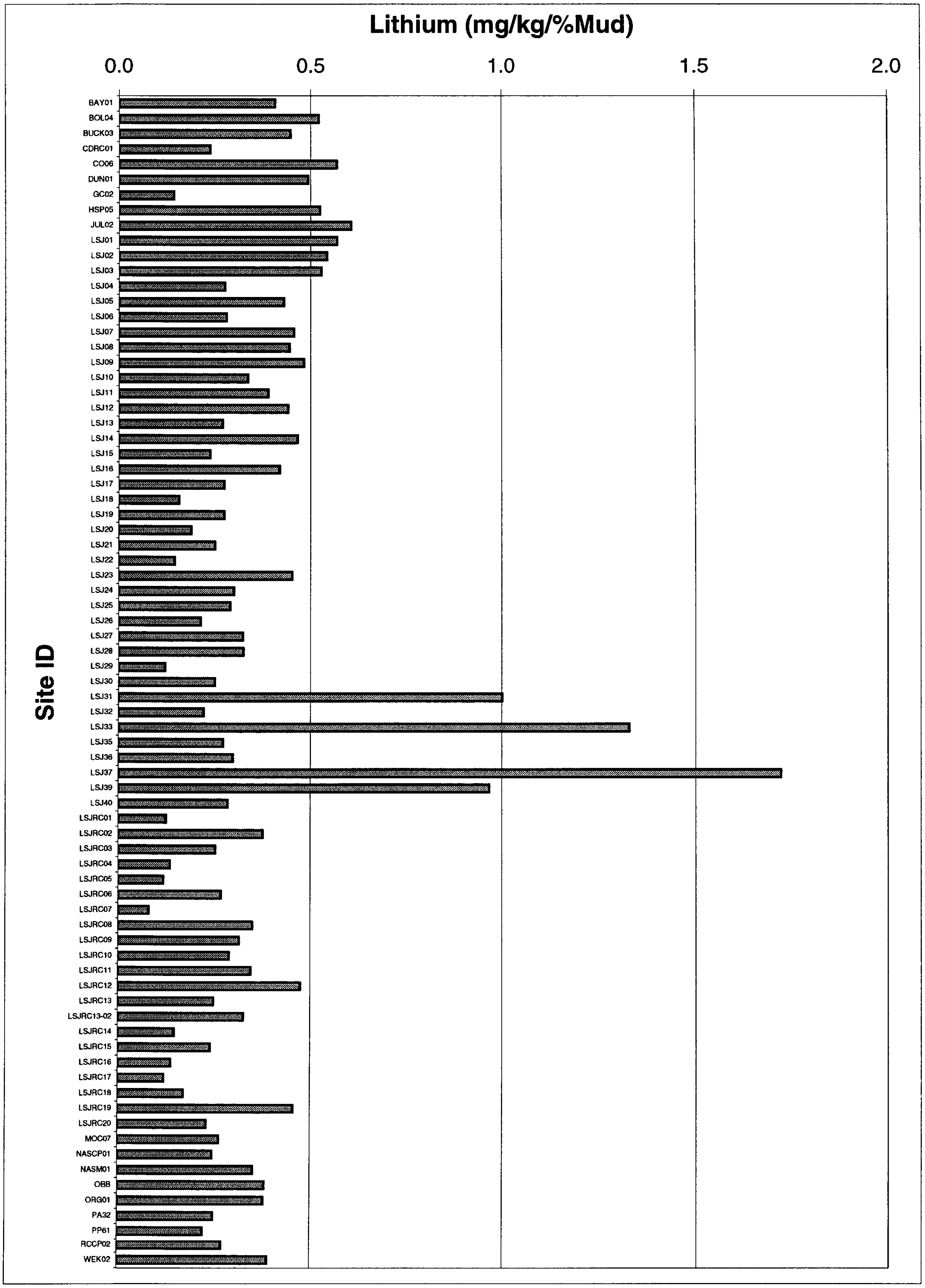


Copper (mg/kg/%Mud)
0.0
0.2
0.4
0.6
0.8
1.0
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

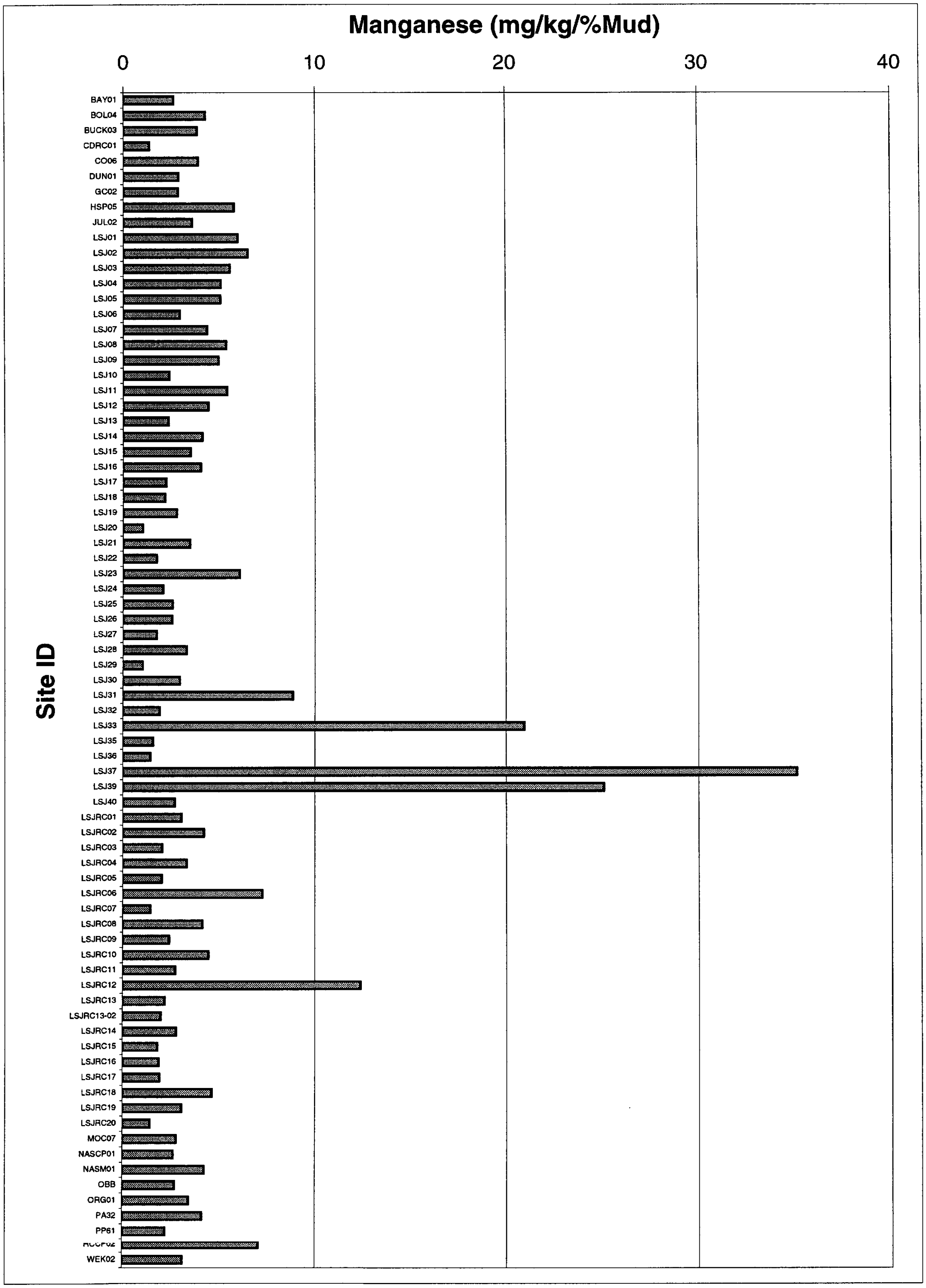

Iron (mg/kg/%Mud)
0
200
400
600
800
1000
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



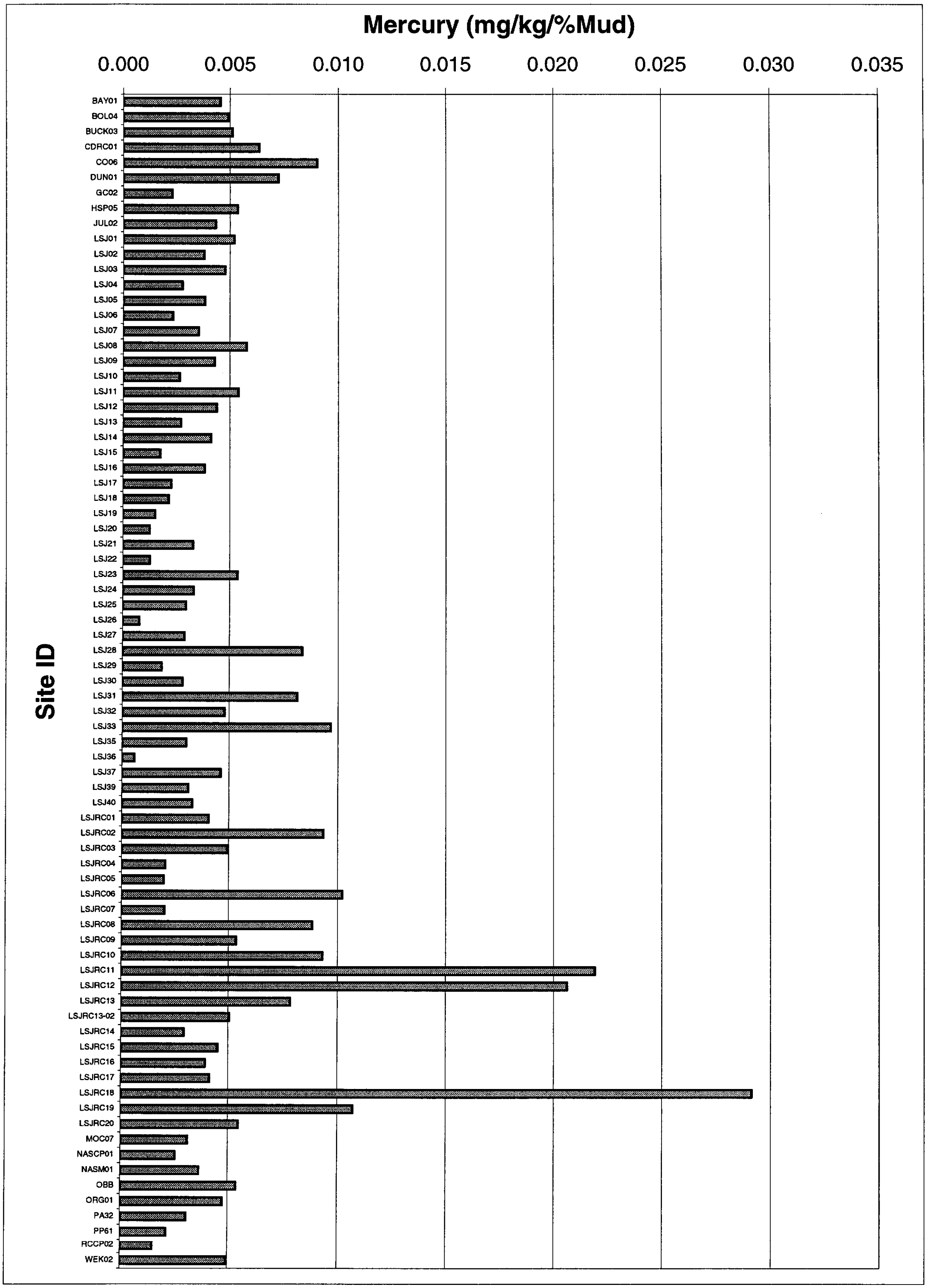
Lead (mg/kg/%Mud)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

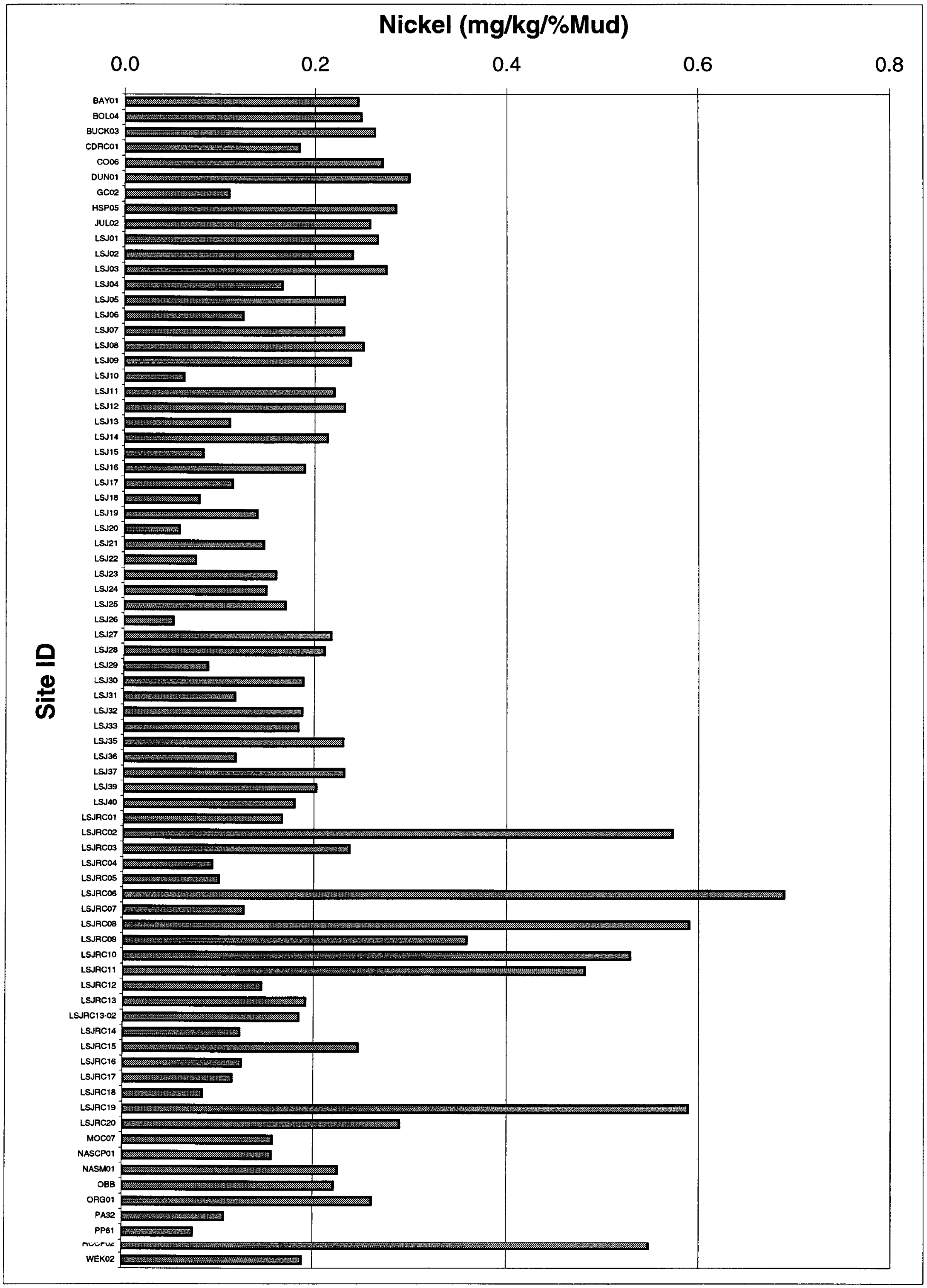


Lithium (mg/kg/%Mud)
0.0
0.5
1.0
1.5
2.0
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

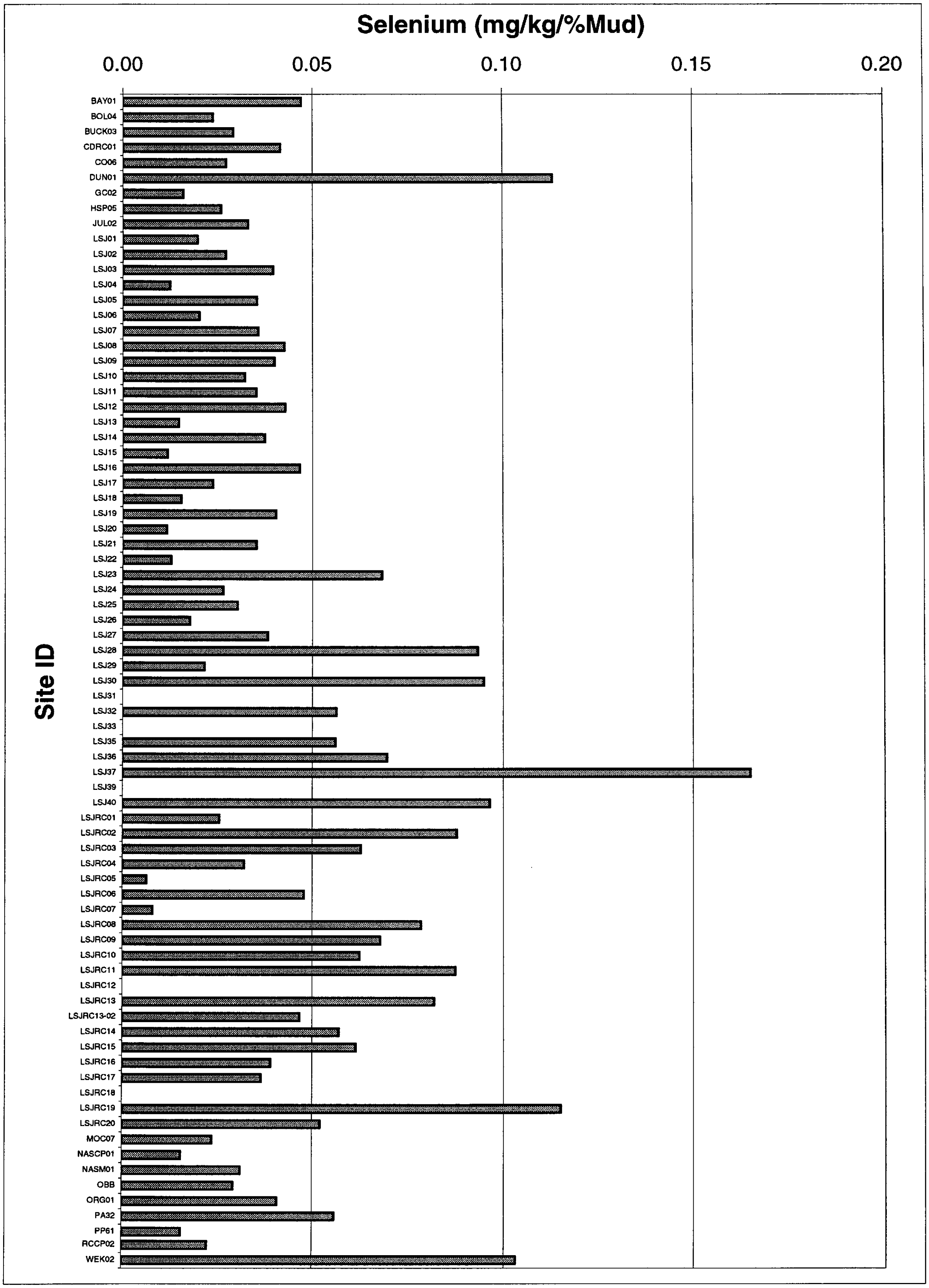


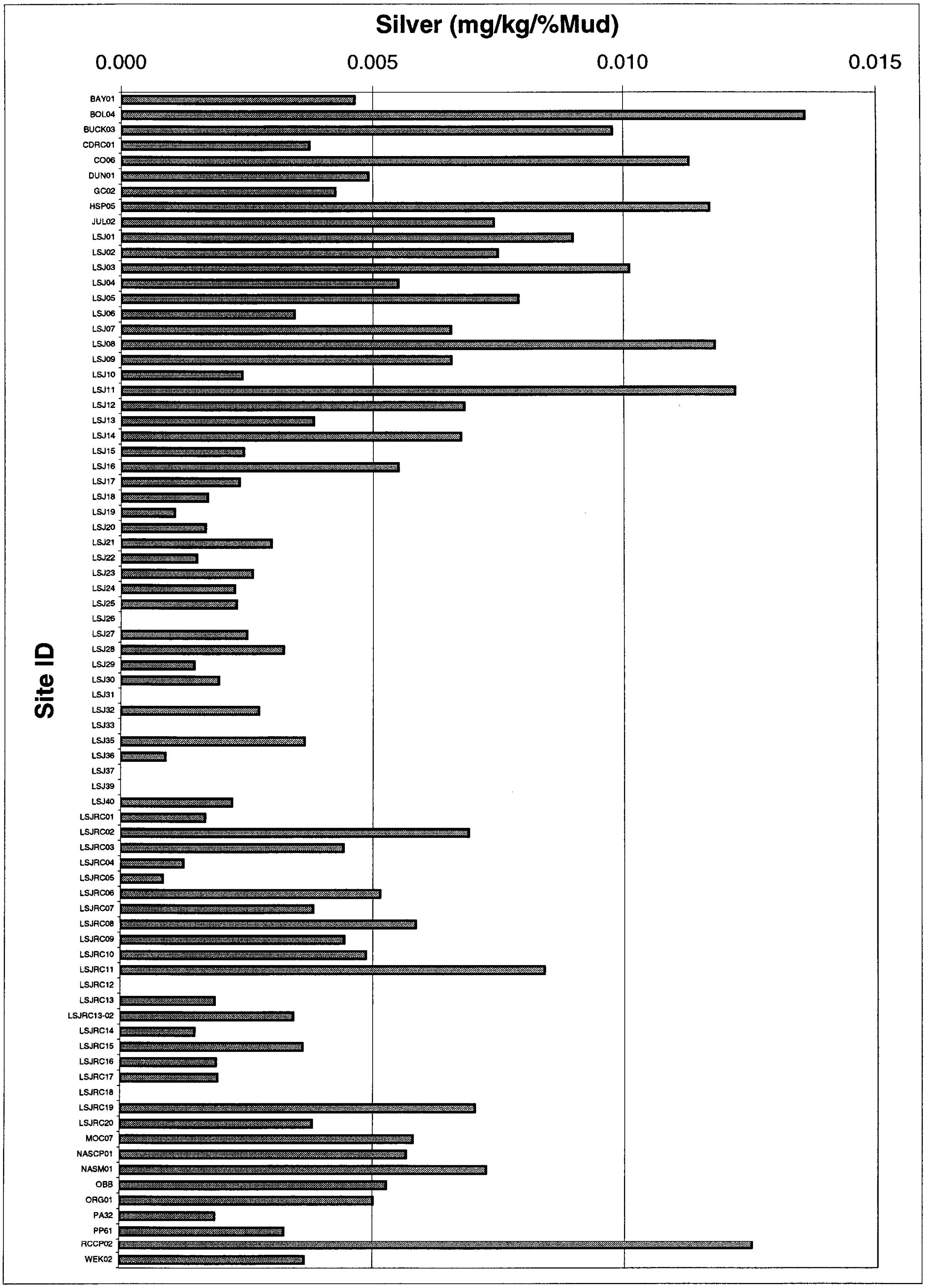
Manganese (mg/kg/%Mud)
0
10
20
30
40
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02


Mercury (mg/kg/%Mud)
0.000
0.005
0.010
0.015
0.020
0.025
0.030
0.035
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

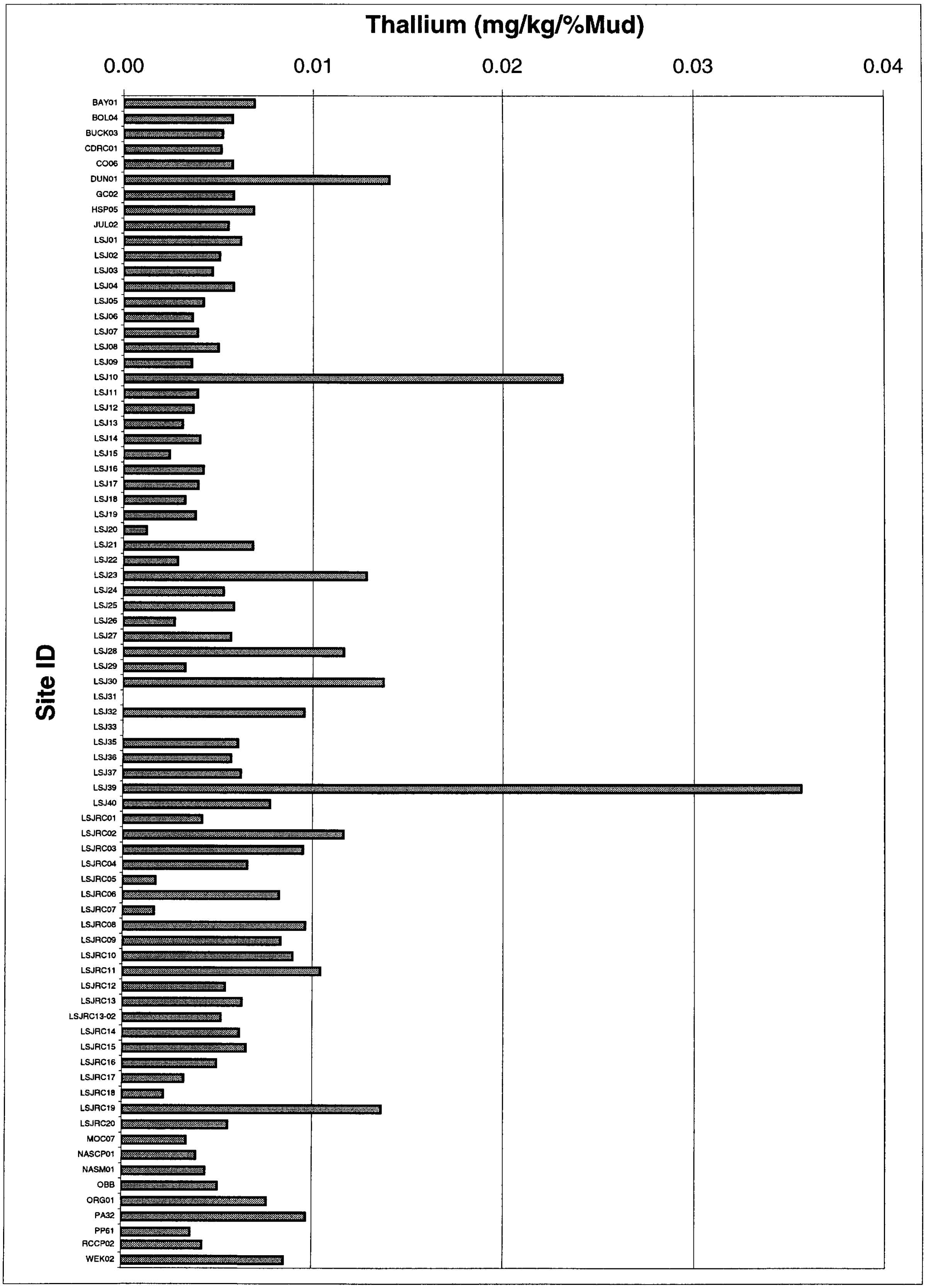


Nickel (mg/kg/%Mud)
0.0
0.2
0.4
0.6
0.8
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02

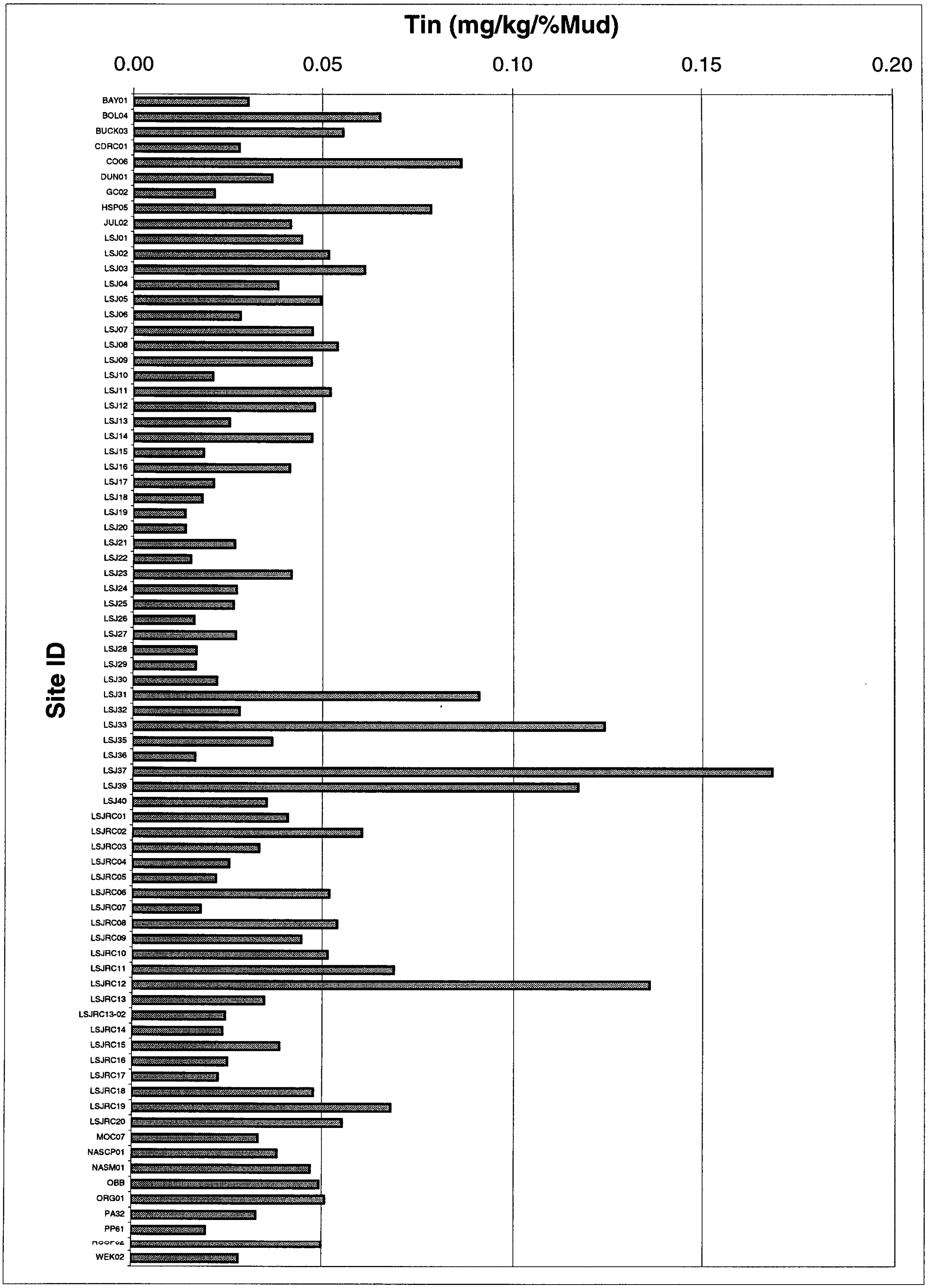

Selenium (mg/kg/%Mud)
0.00
0.05
0.10
0.15
0.20
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



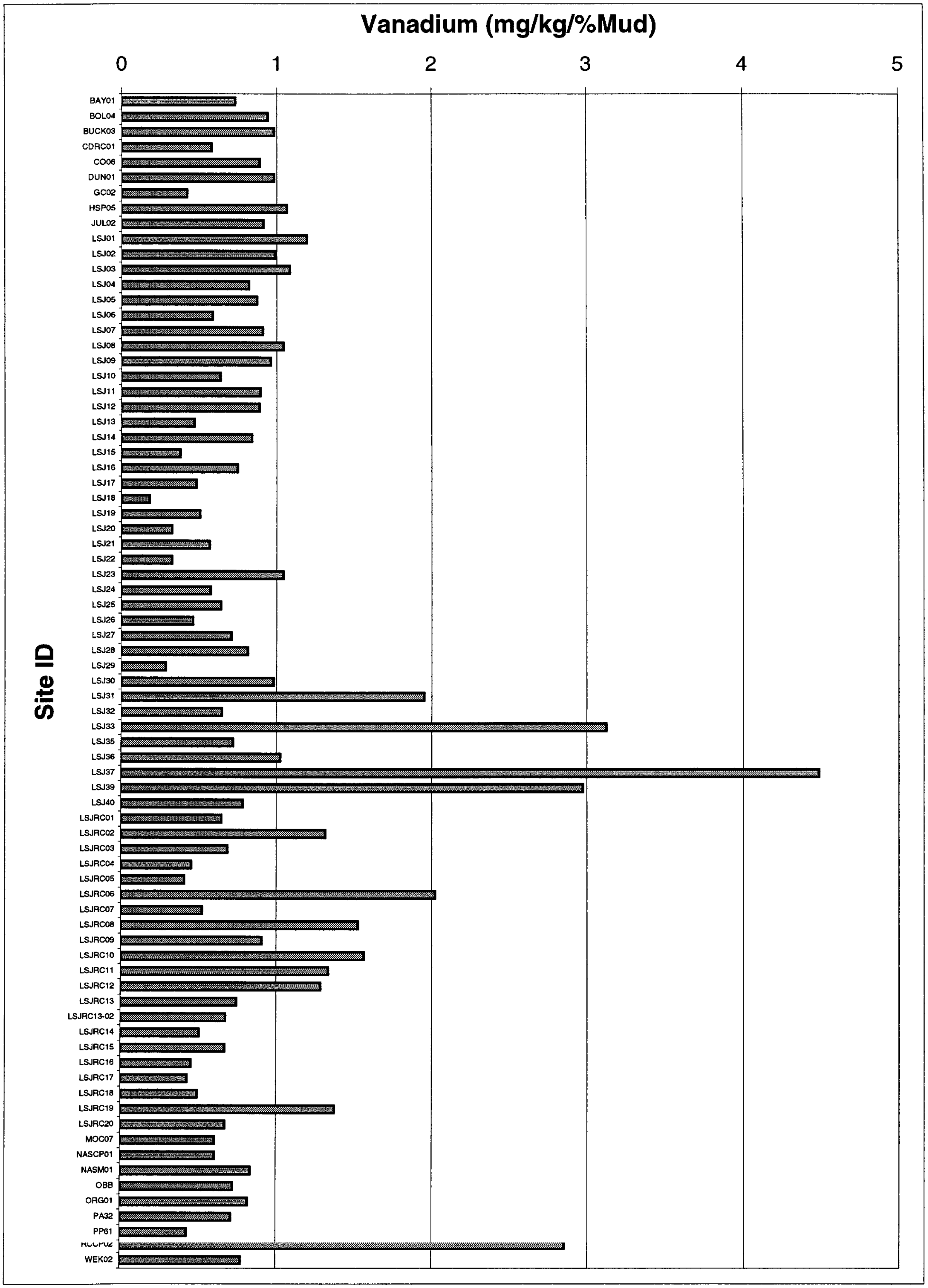
Silver (mg/kg/%Mud)
0.000
0.005
0.010
0.015
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

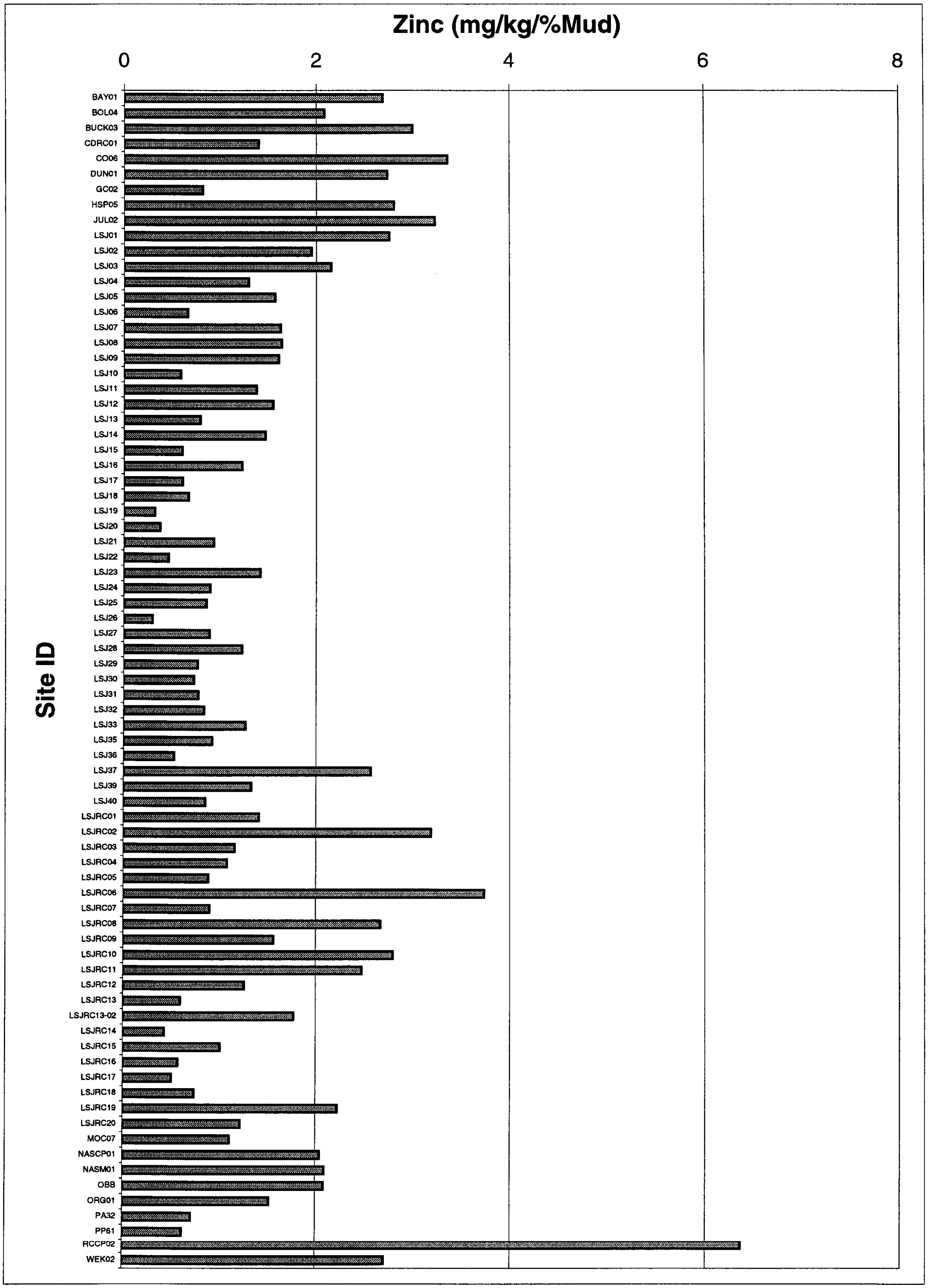


Thallium (mg/kg/%Mud)
0.00
0.01
0.02
0.03
0.04
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

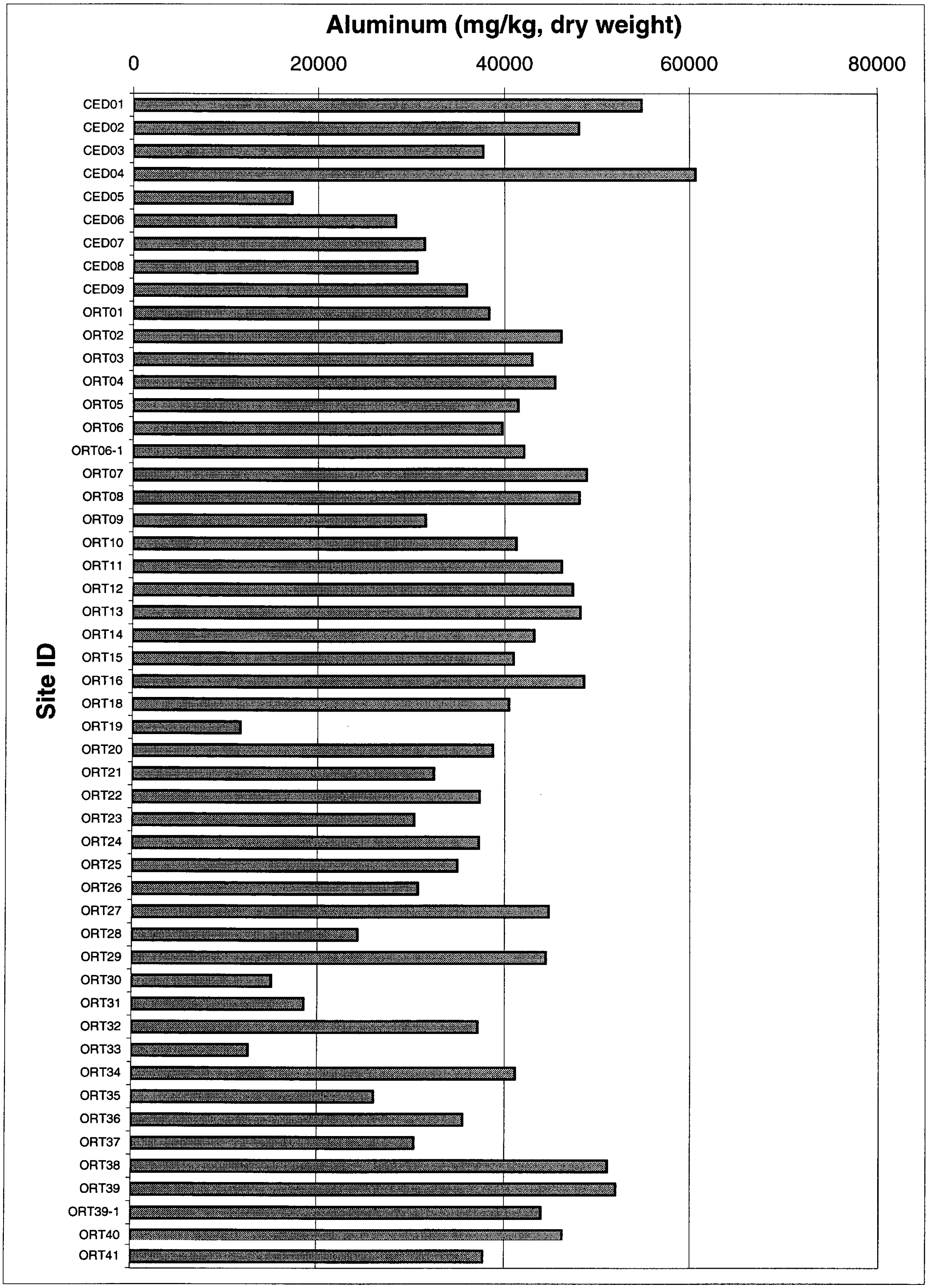


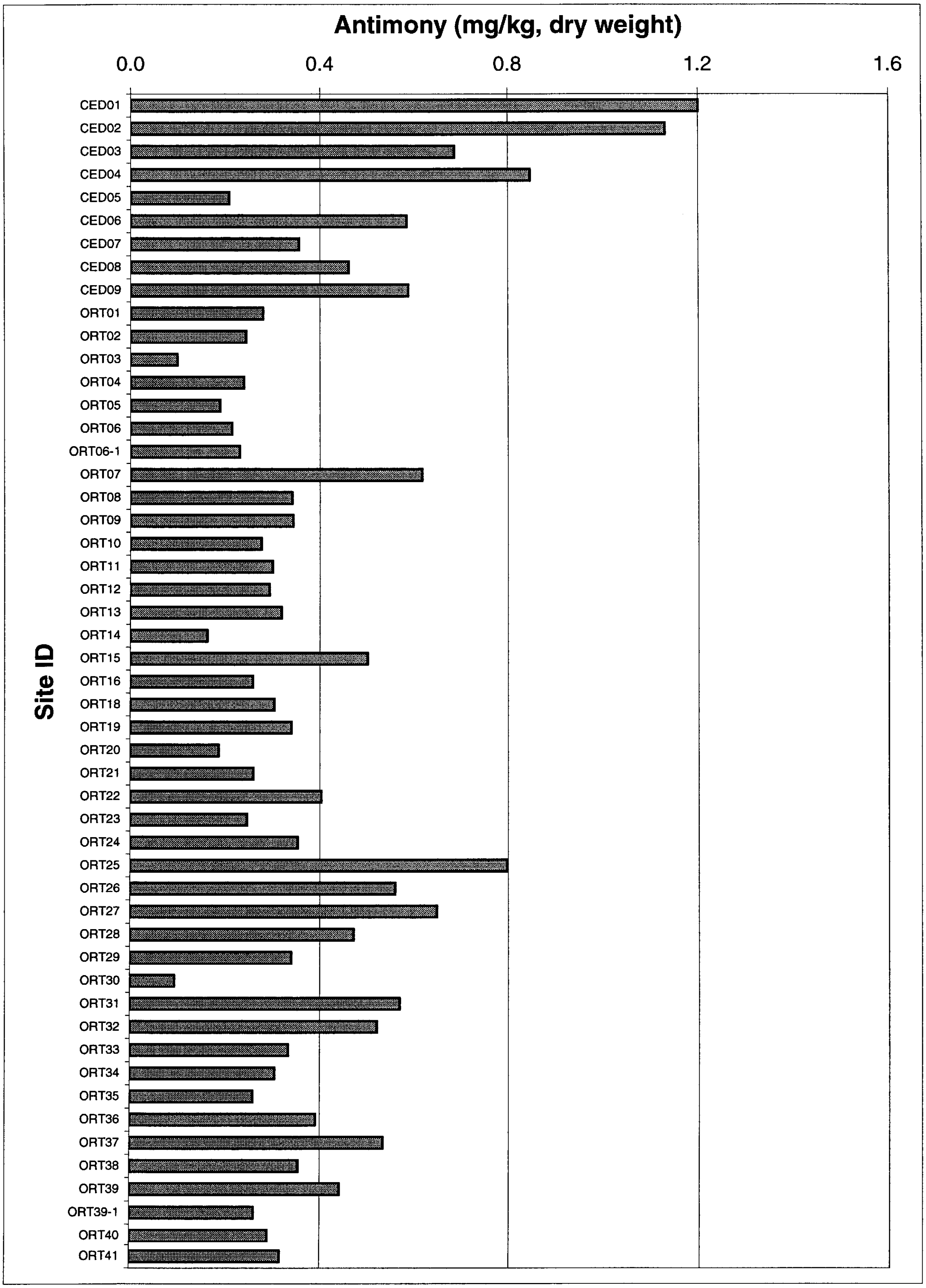
Tin (mg/kg/%Mud)
0.00
0.05
0.10
0.15
0.20
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02

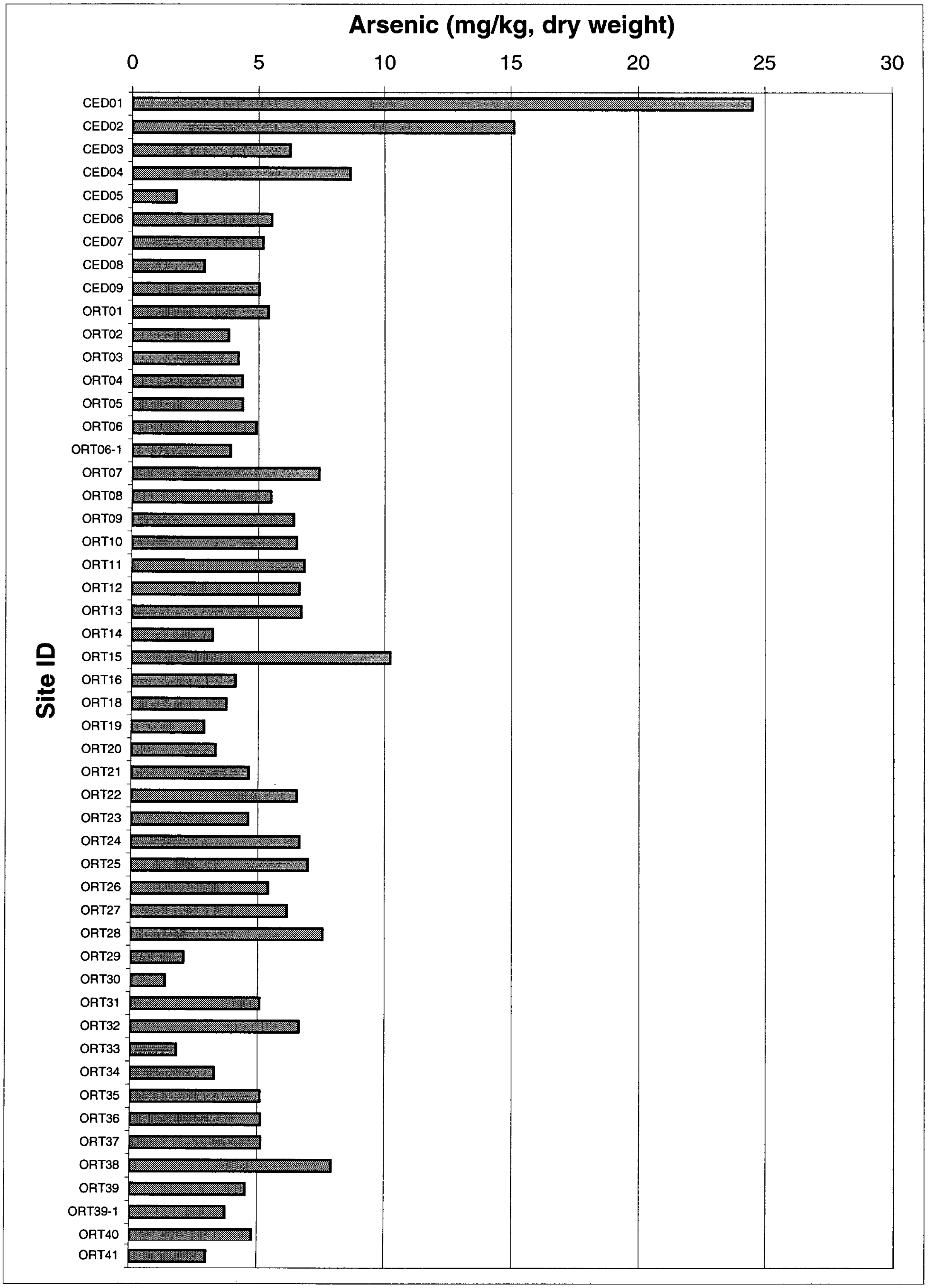

Vanadium (mg/kg/%Mud)
0
1
2
3
4
5
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02

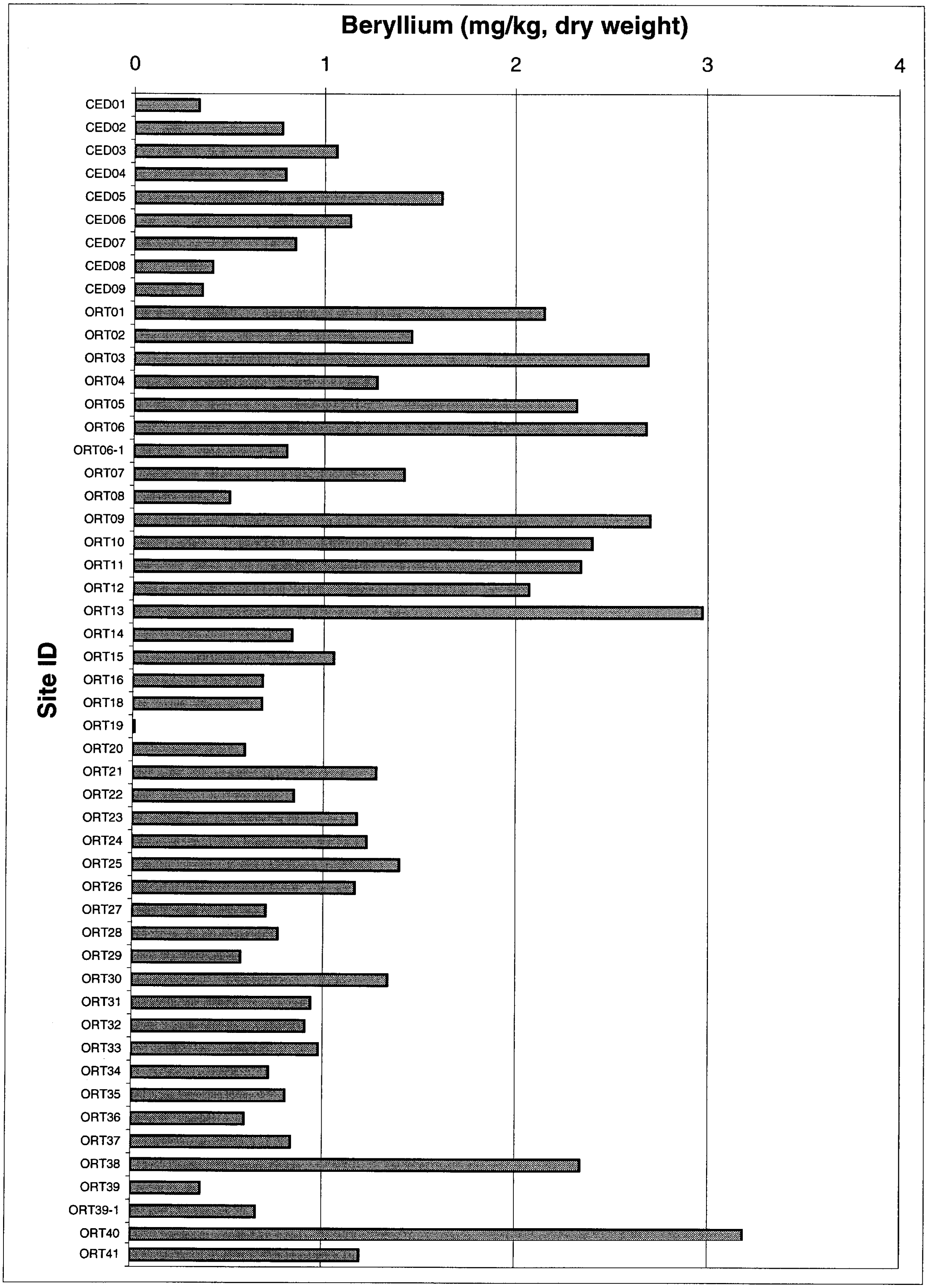


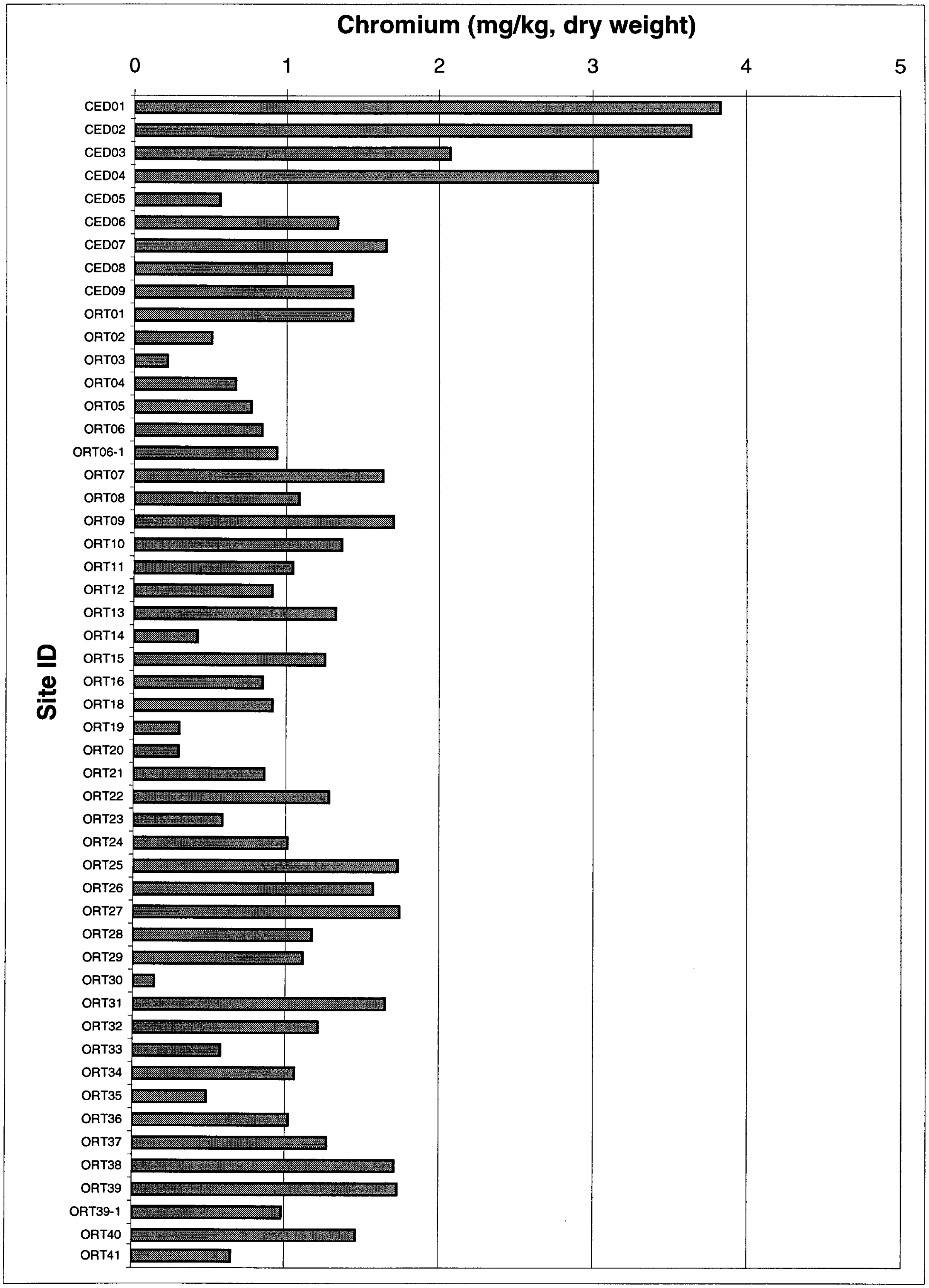
Zinc (mg/kg/%Mud)
0
2
4
6
8
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

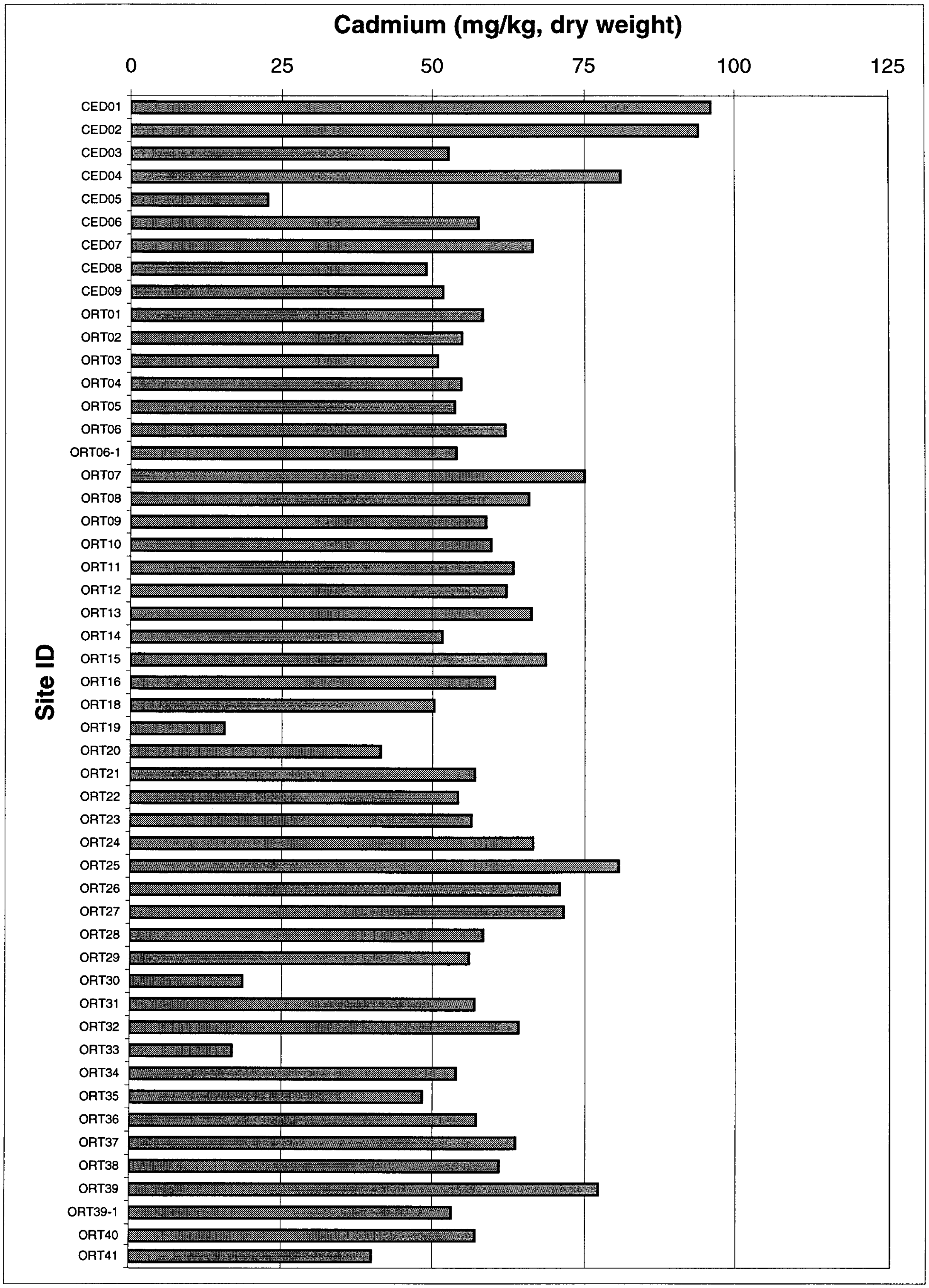

Aluminum (mg/kg, dry weight)
0
20000
40000
60000
80000
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

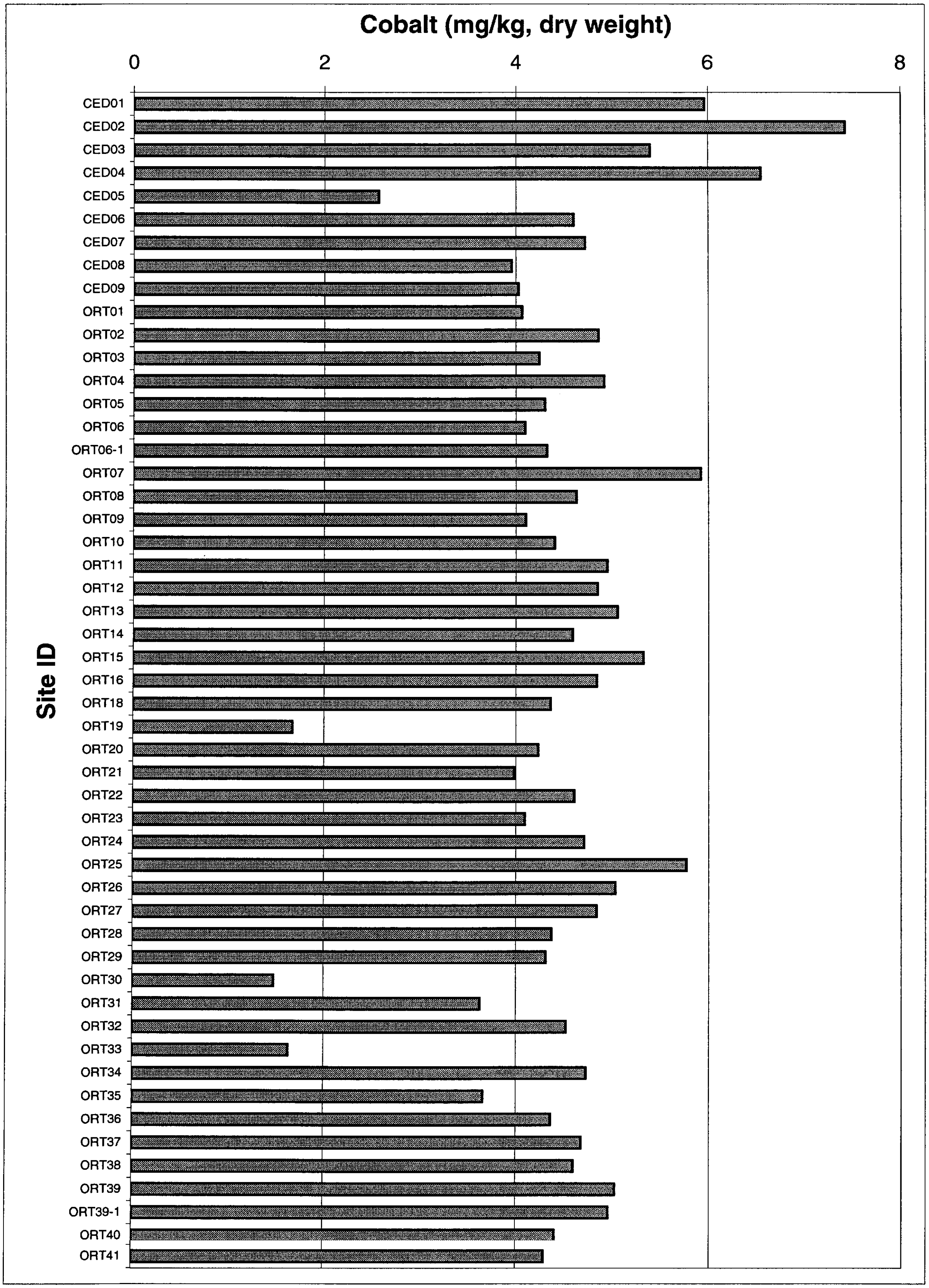

Antimony (mg/kg, dry weight)
0.0
0.4
0.8
1.2
1.6
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

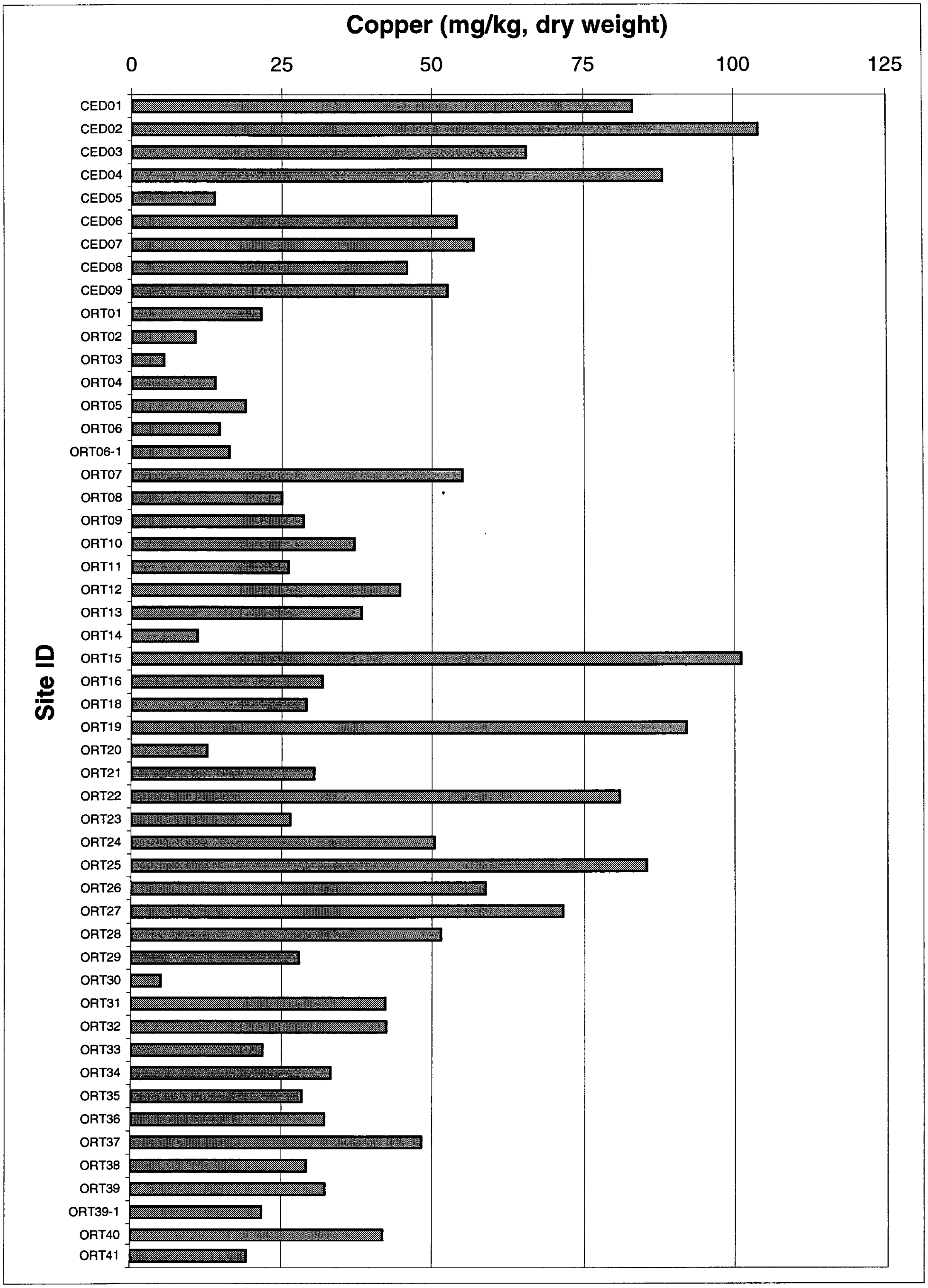

Arsenic (mg/kg, dry weight)
0
5
10
15
20
25
30
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41


Beryllium (mg/kg, dry weight)
0
1
2
3
4
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

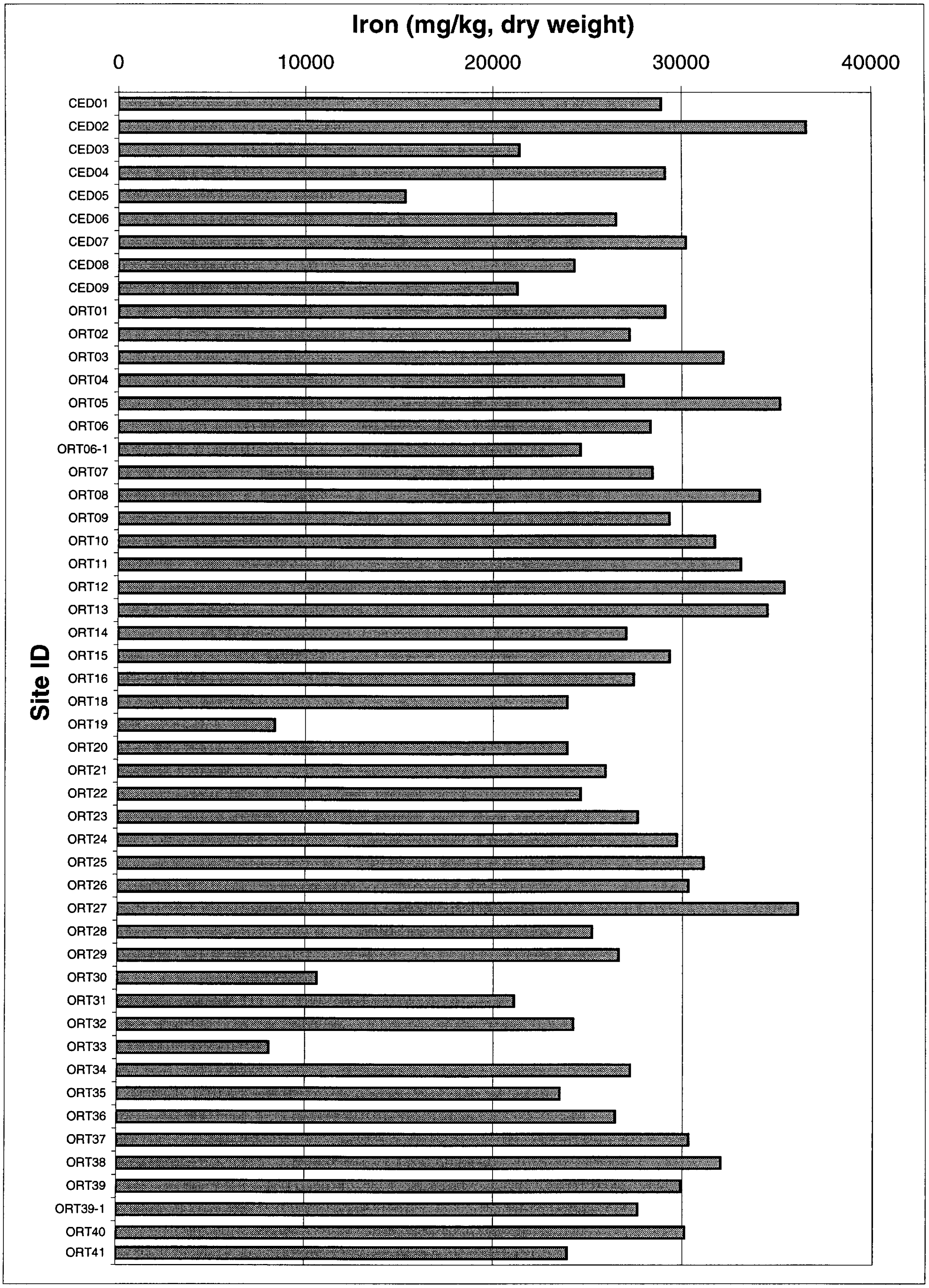

Chromium (mg/kg, dry weight)
0
1
2
3
4
5
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41


Cadmium (mg/kg, dry weight)
0
25
50
75
100
125
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

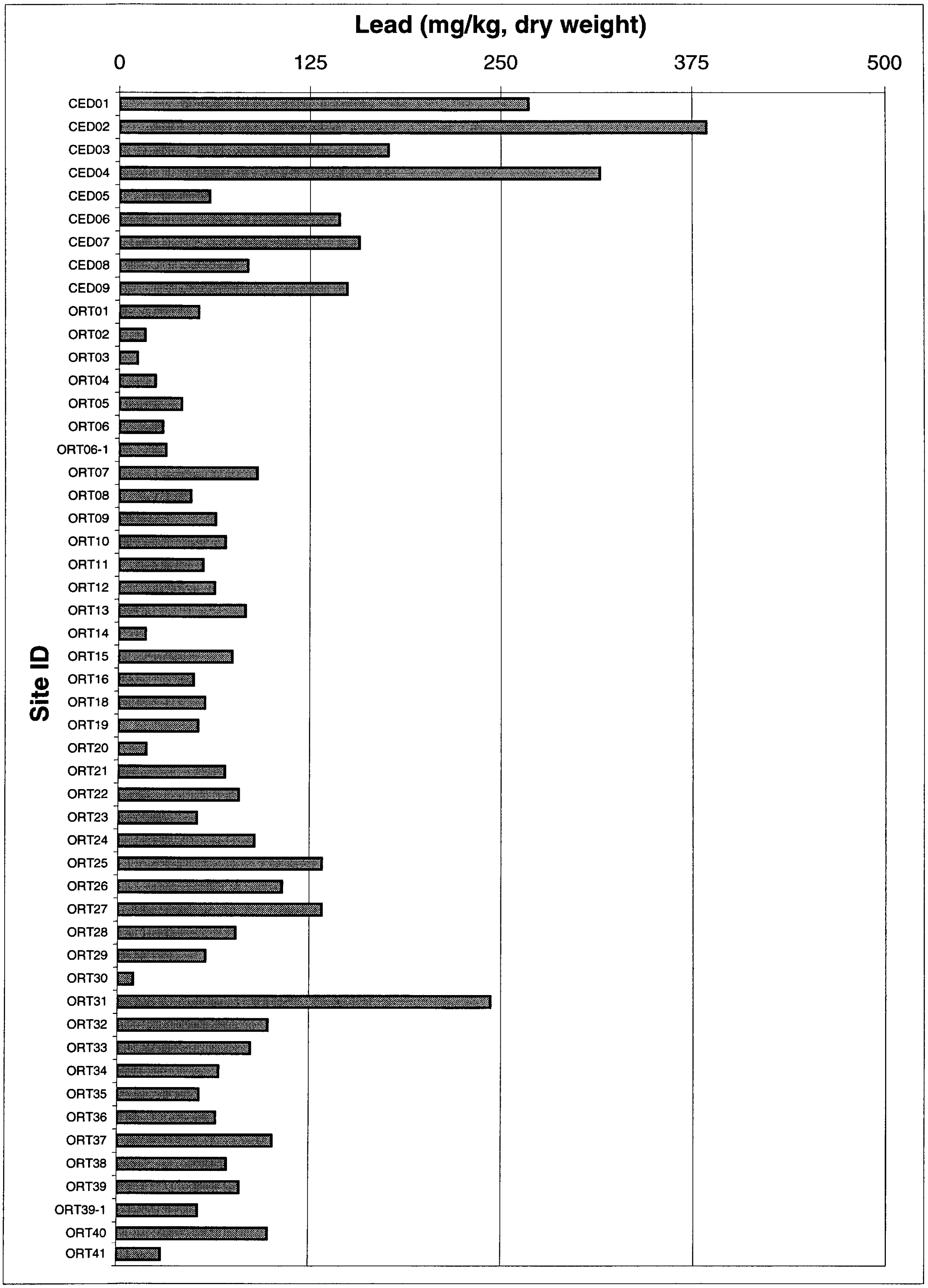

Cobalt (mg/kg, dry weight)
0
2
4
6
8
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41



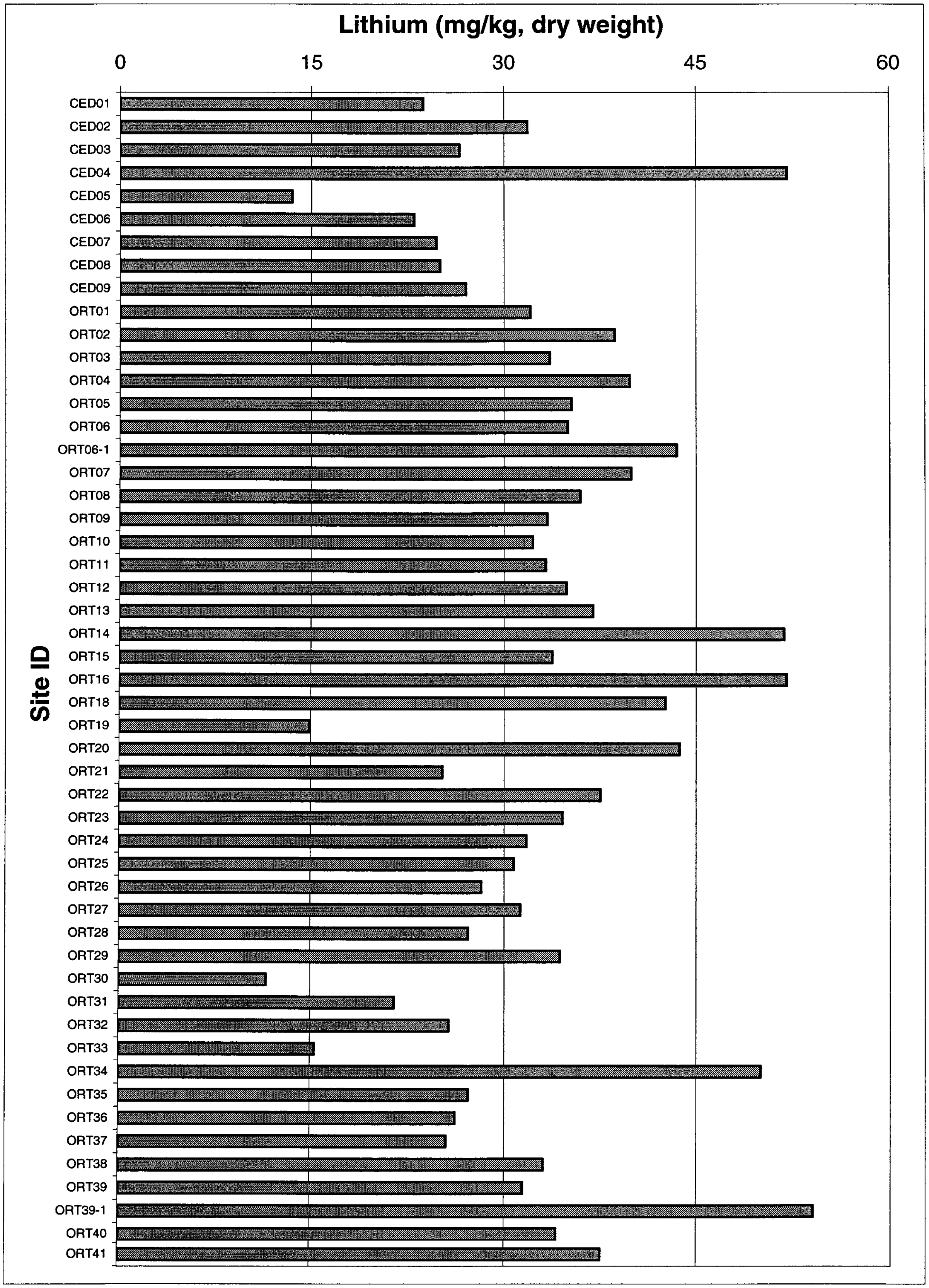
Copper (mg/kg, dry weight)
0
25
50
75
100
125
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41



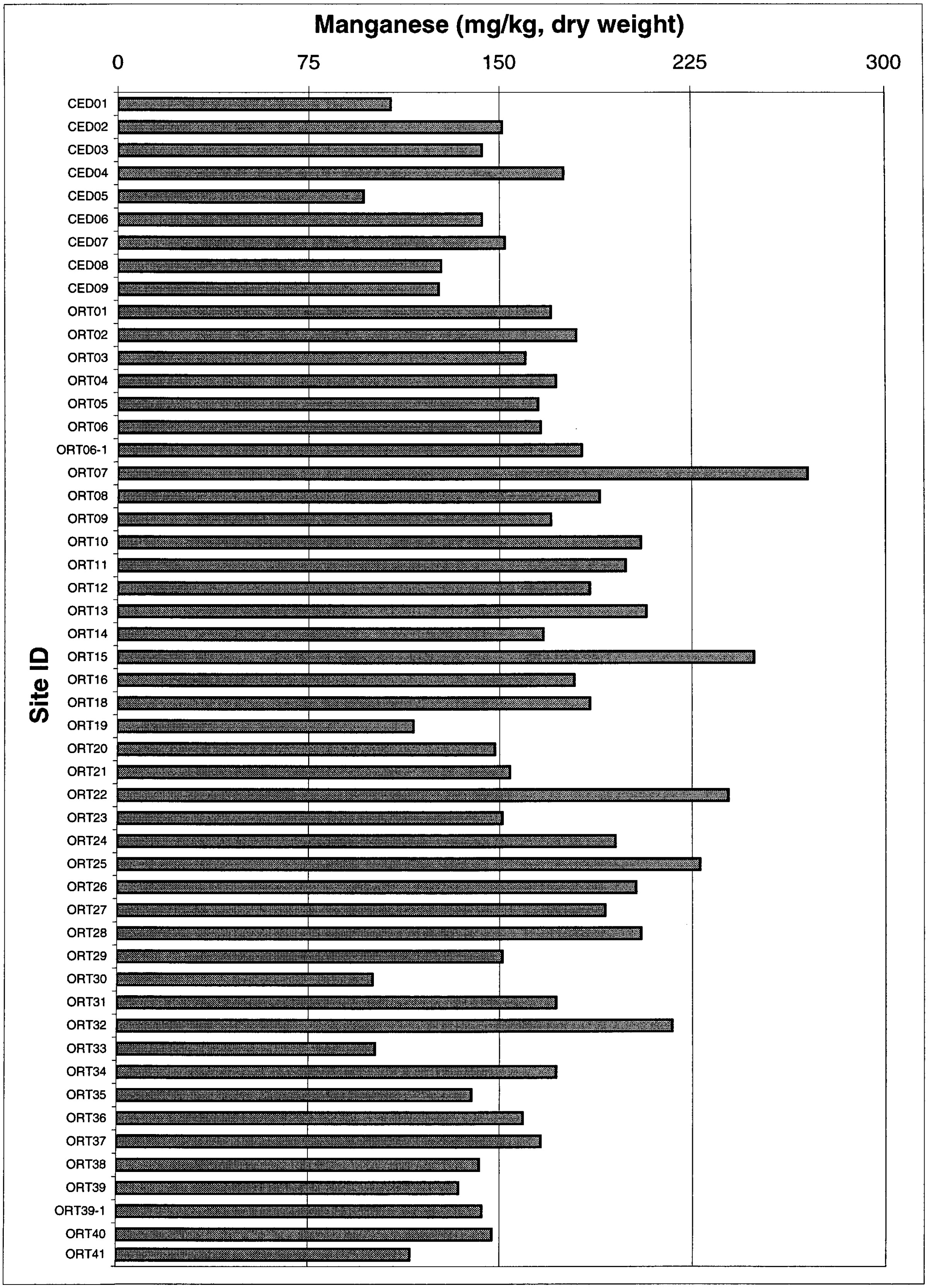
Iron (mg/kg, dry weight)
0
10000
20000
30000
40000
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

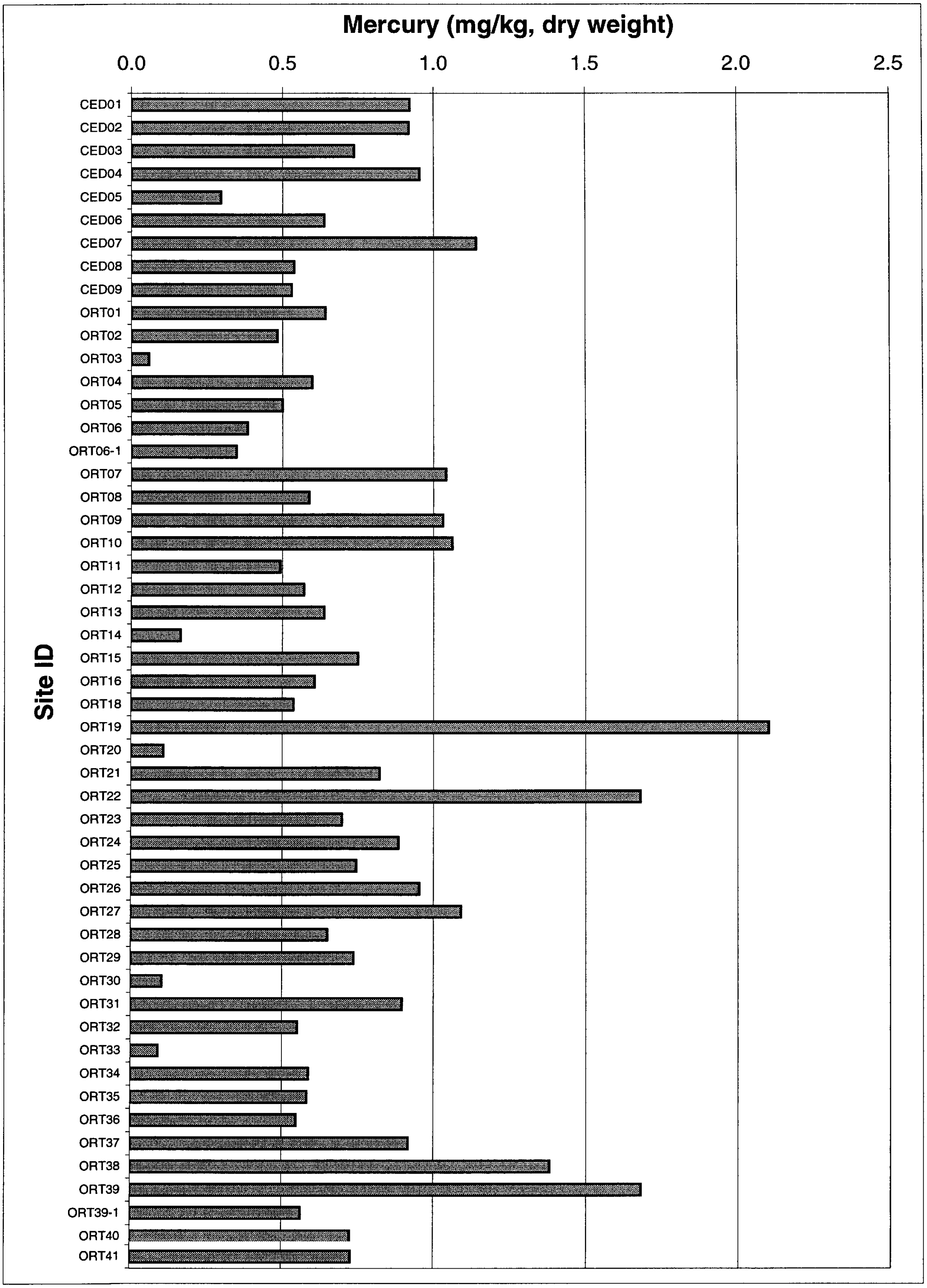


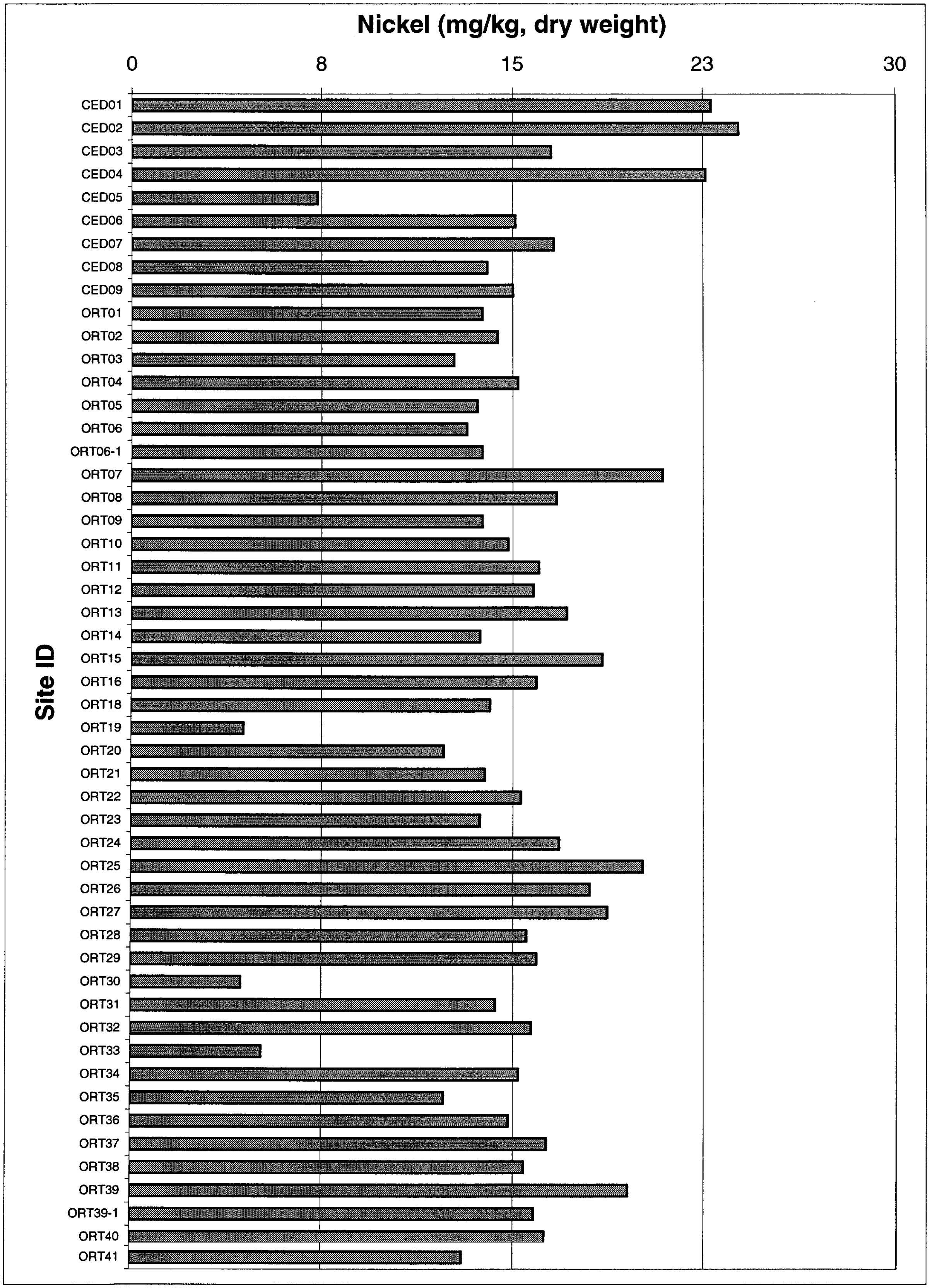
Lead (mg/kg, dry weight)
0
125
250
375
500
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

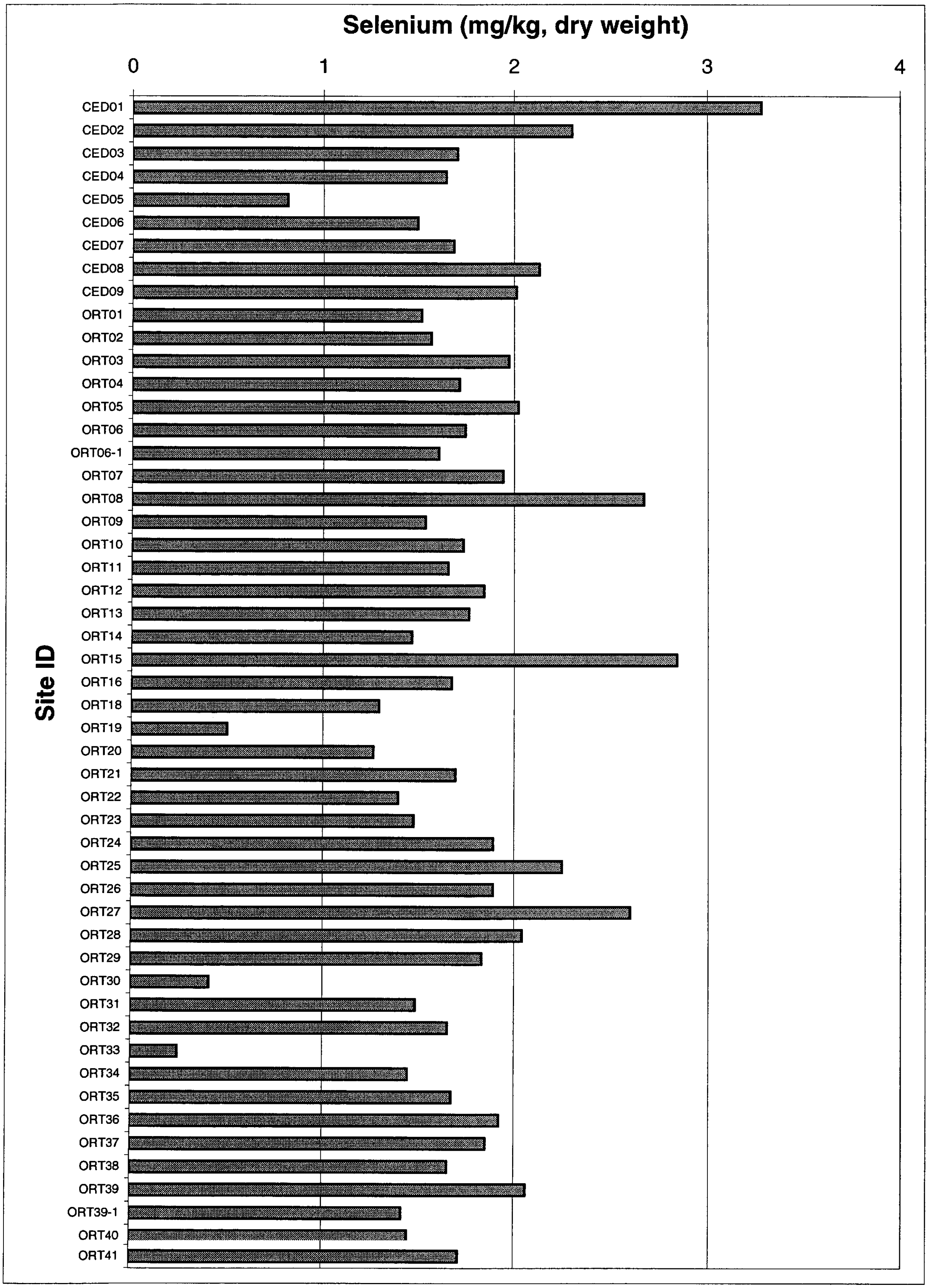


Lithium (mg/kg, dry weight)
0
15
30
45
60
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

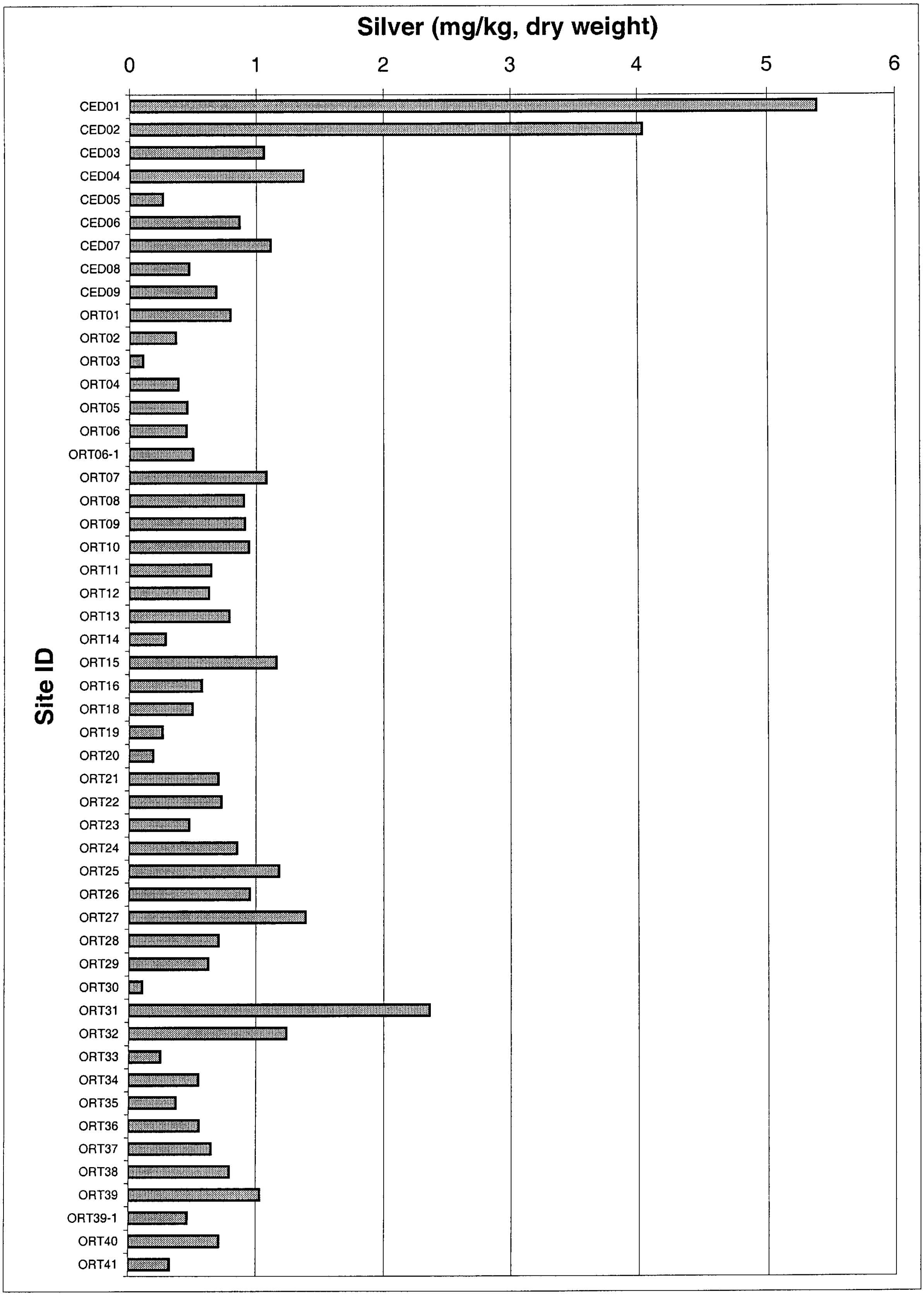

Manganese (mg/kg, dry weight)
0
75
150
225
300
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41


Mercury (mg/kg, dry weight)
0.0
0.5
1.0
1.5
2.0
2.5
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

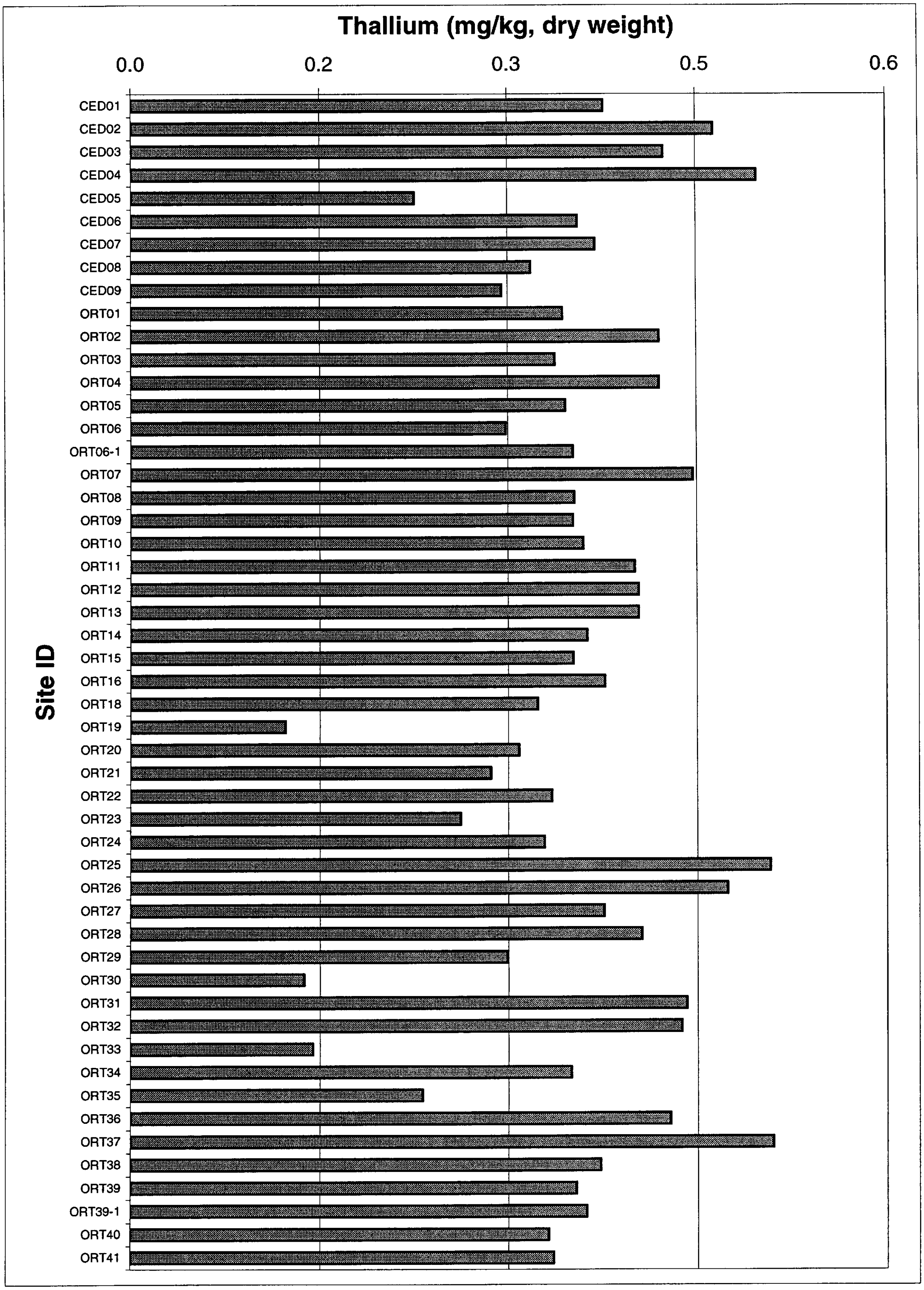

Nickel (mg/kg, dry weight)
0
8
15
23
30
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41



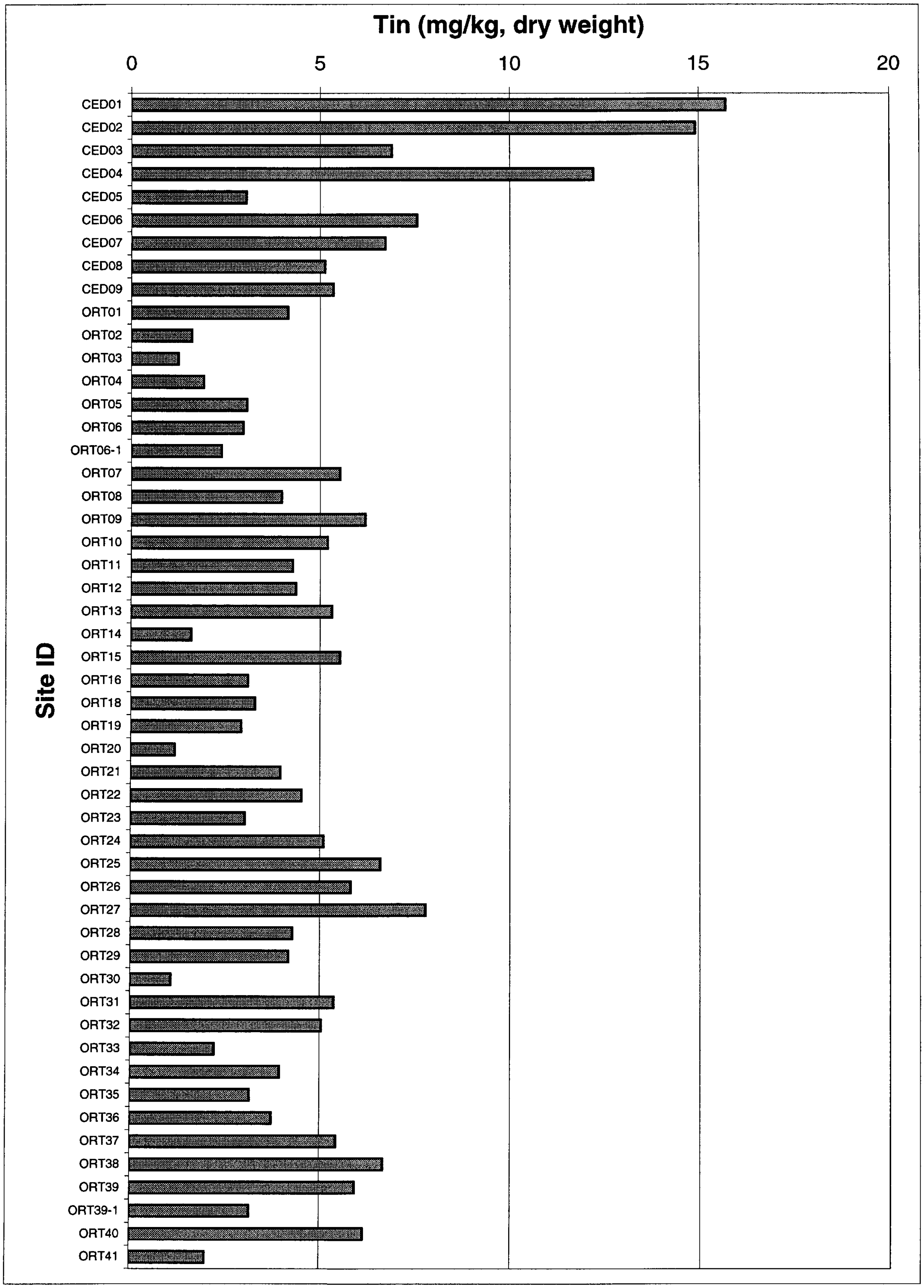
Selenium (mg/kg, dry weight)
0
1
2
3
4
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

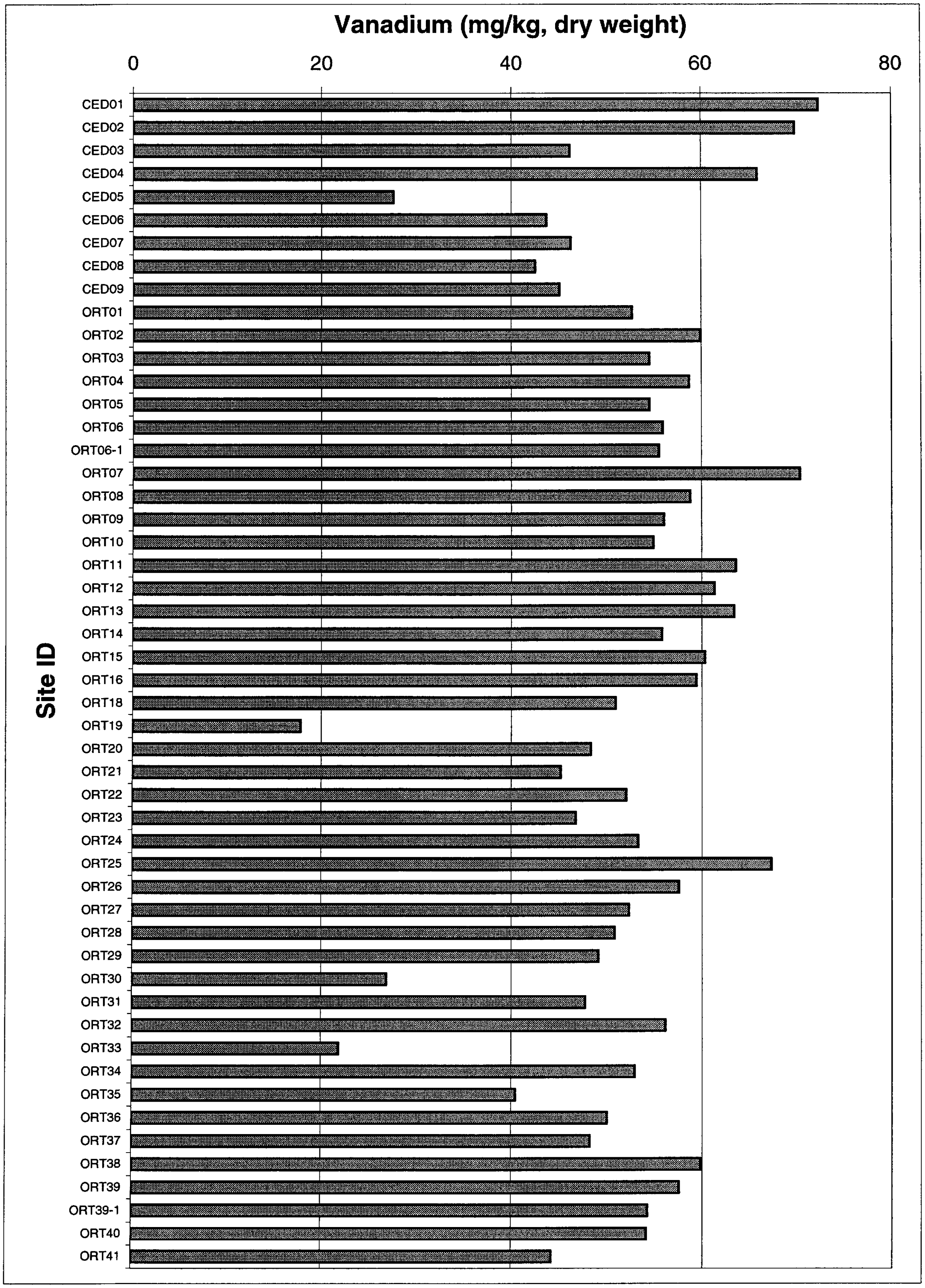


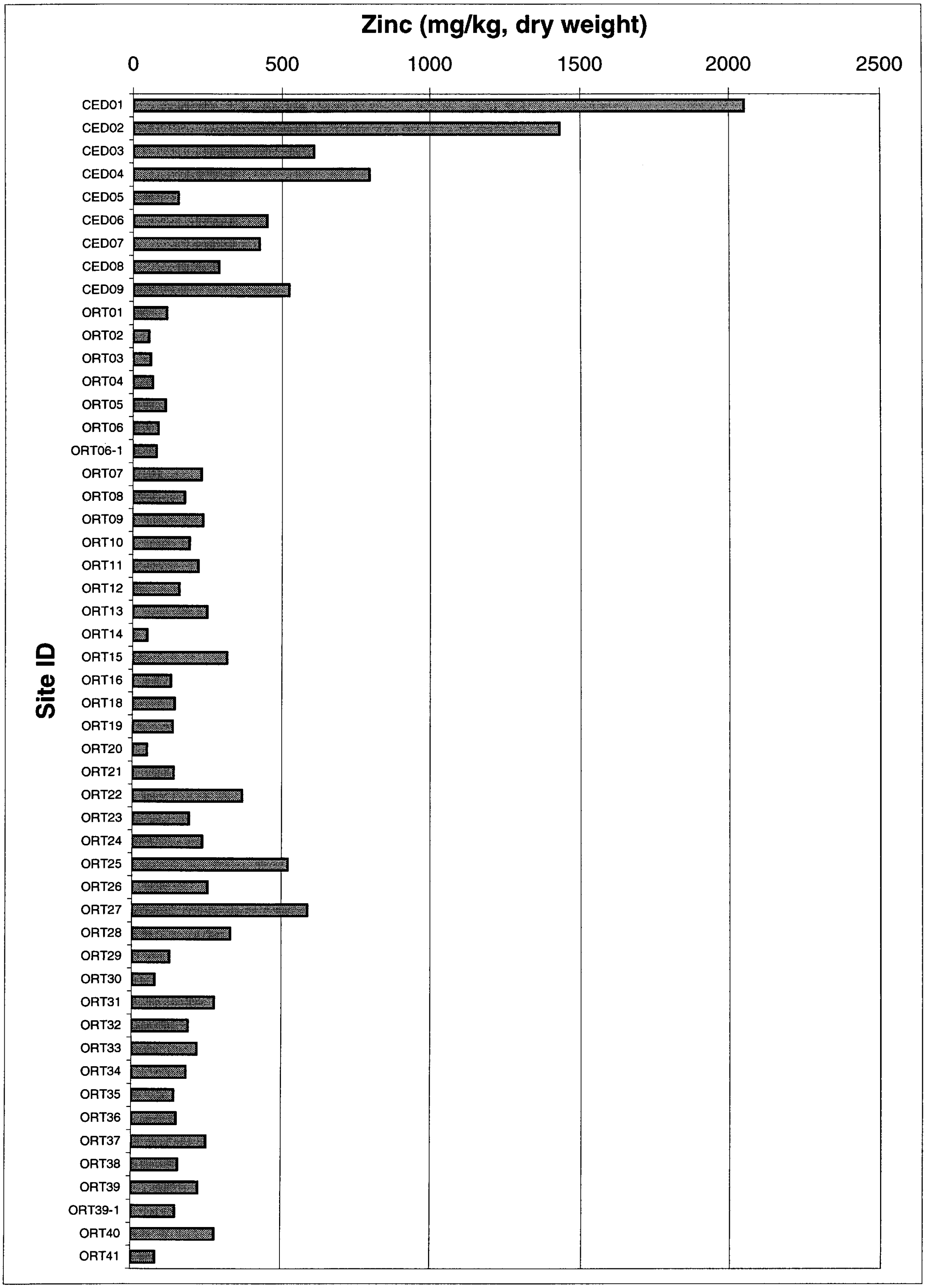
Silver (mg/kg, dry weight)
0
1
2
3
4
5
6
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

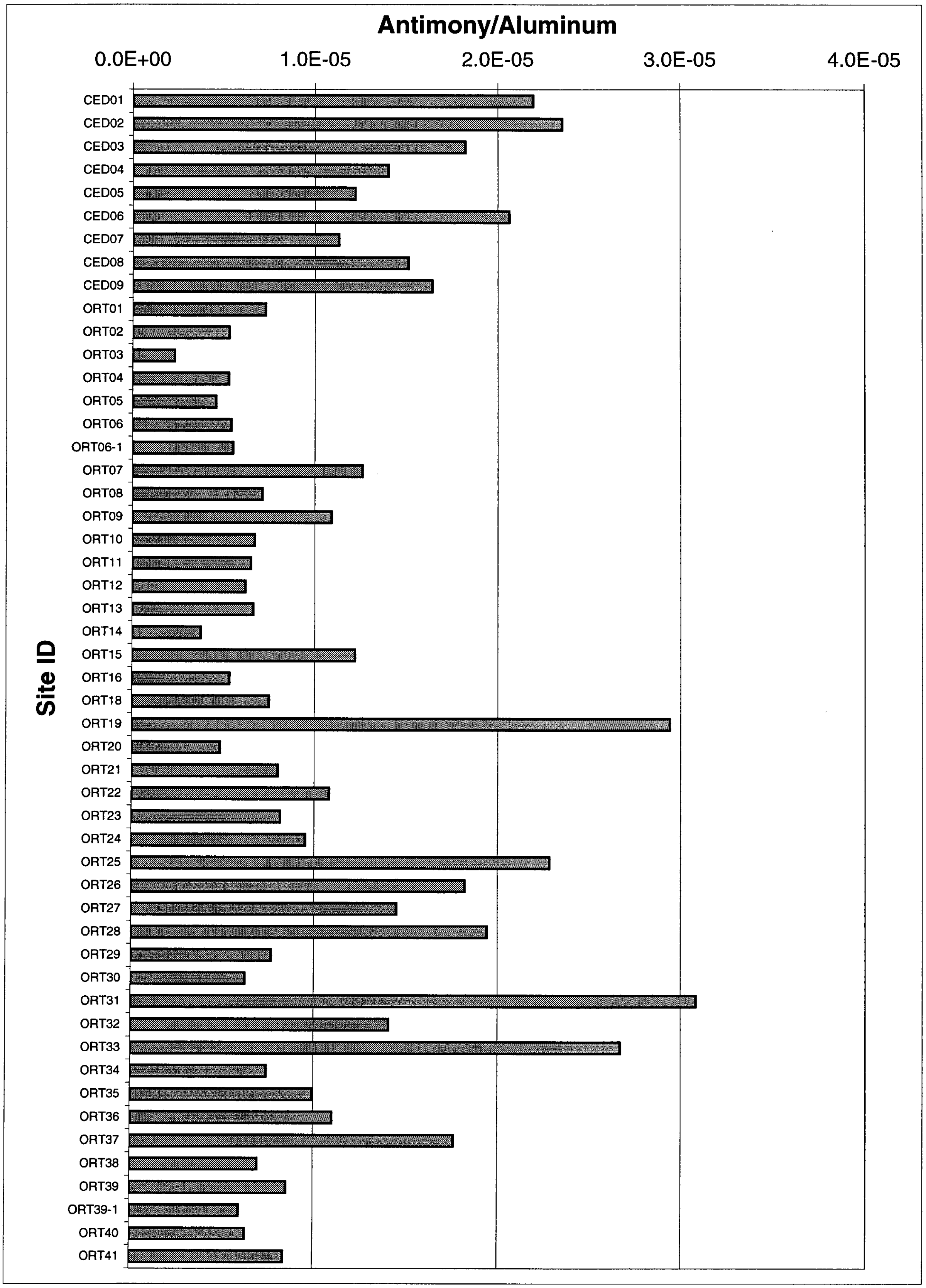


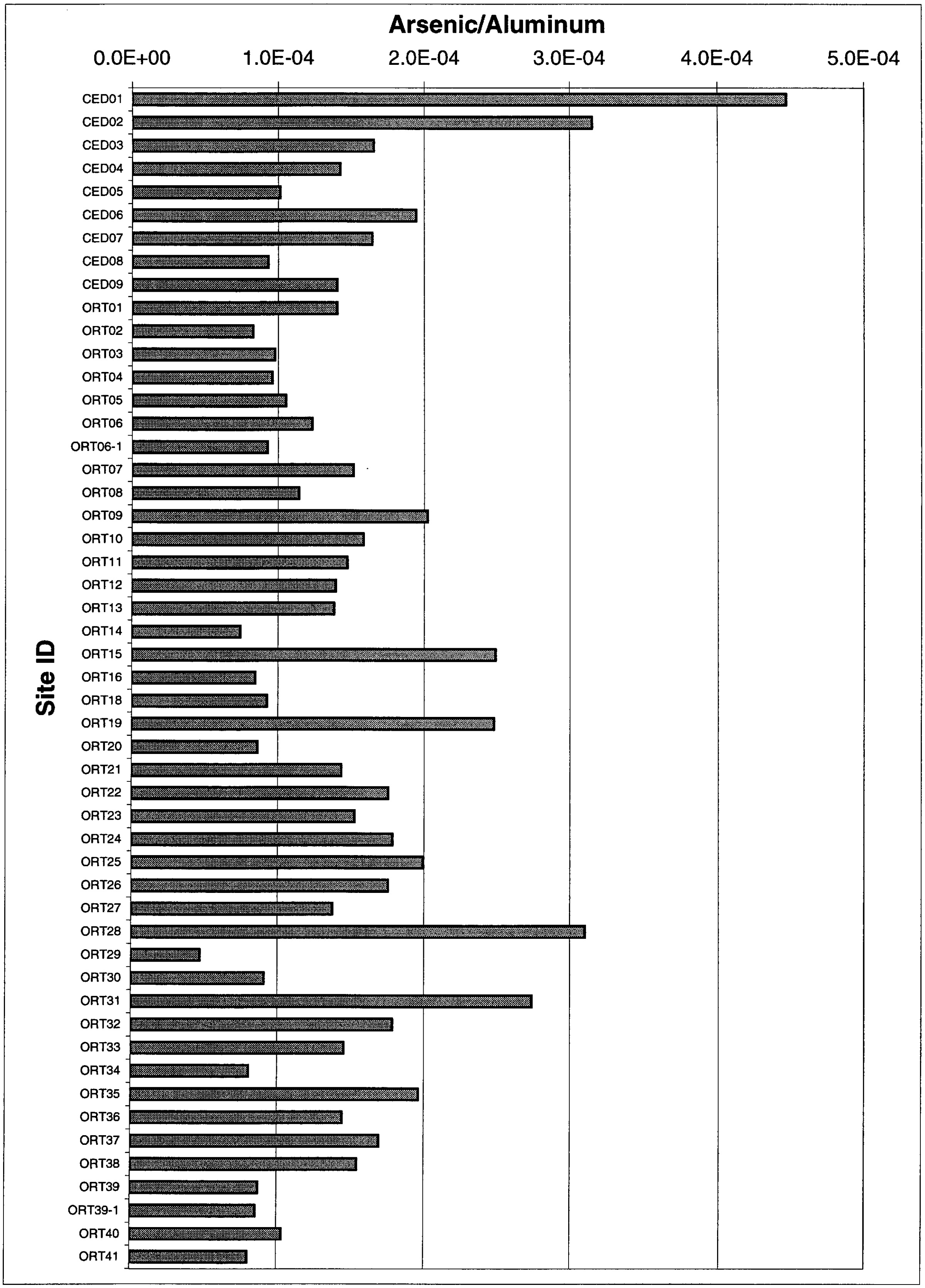
Thallium (mg/kg, dry weight)
0.0
0.2
0.3
0.5
0.6
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

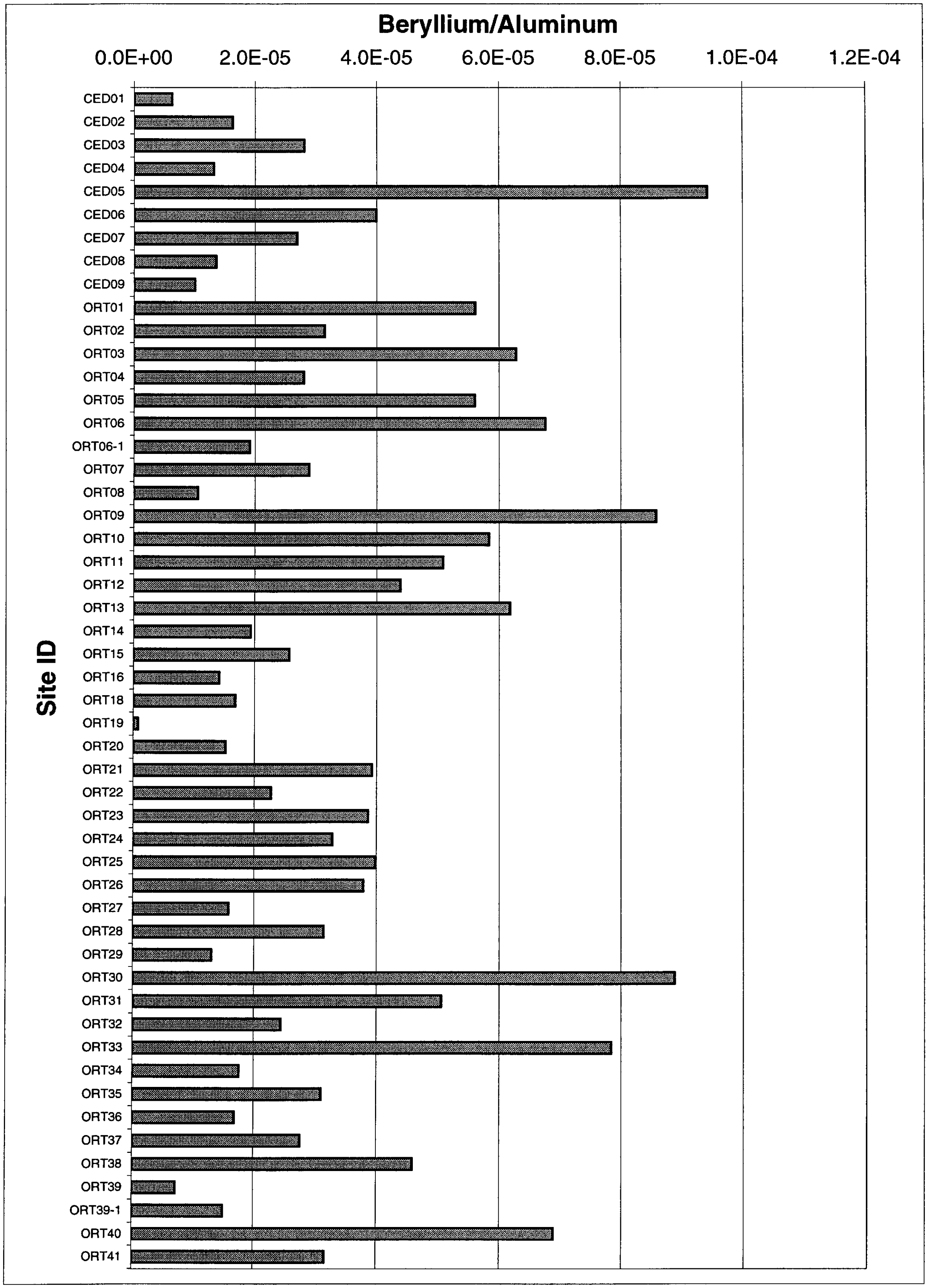

Tin (mg/kg, dry weight)
0
5
10
15
20
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

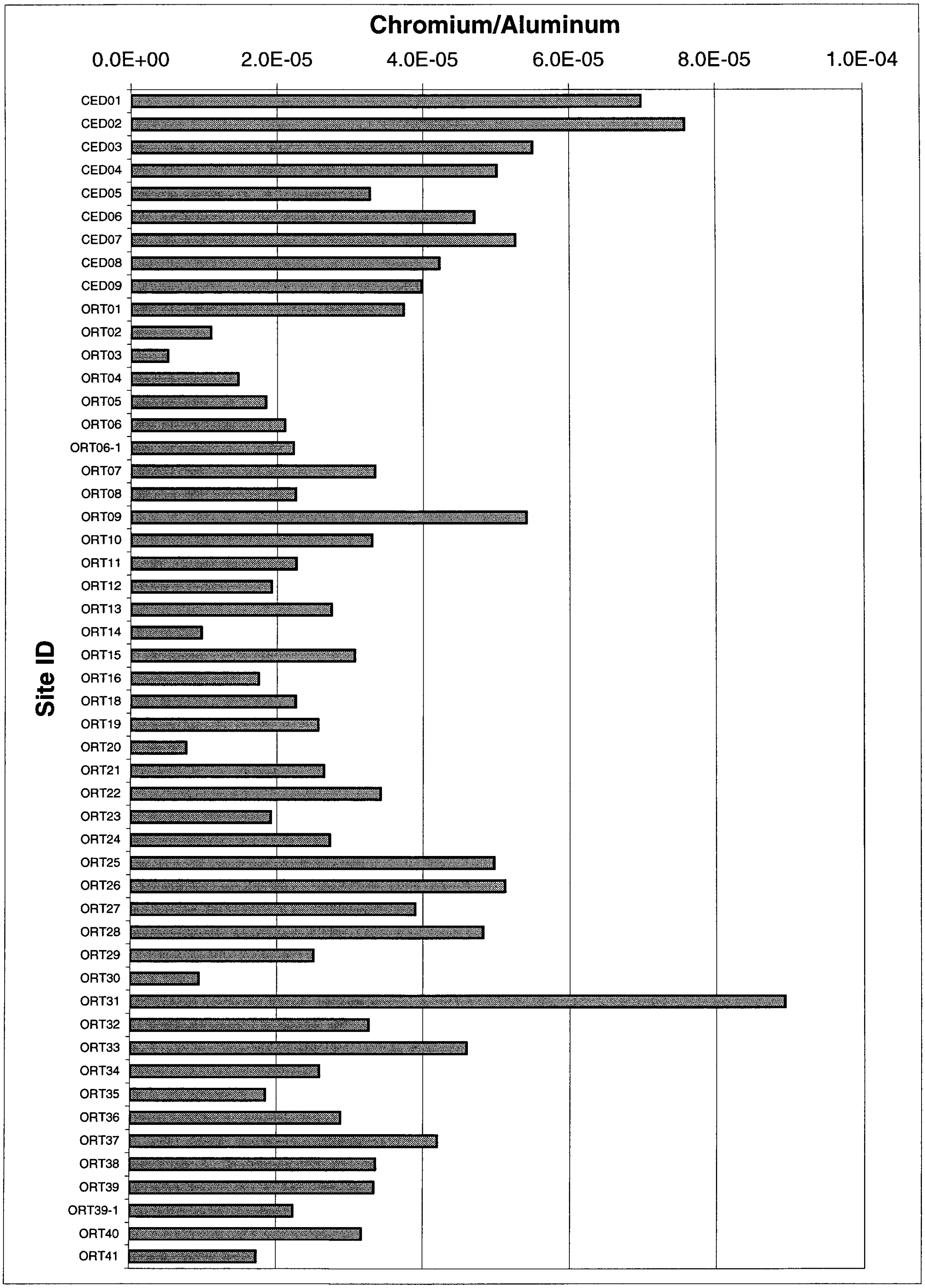

Vanadium (mg/kg, dry weight)
0
20
40
60
80
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41


Zinc (mg/kg, dry weight)
0
500
1000
1500
2000
2500
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

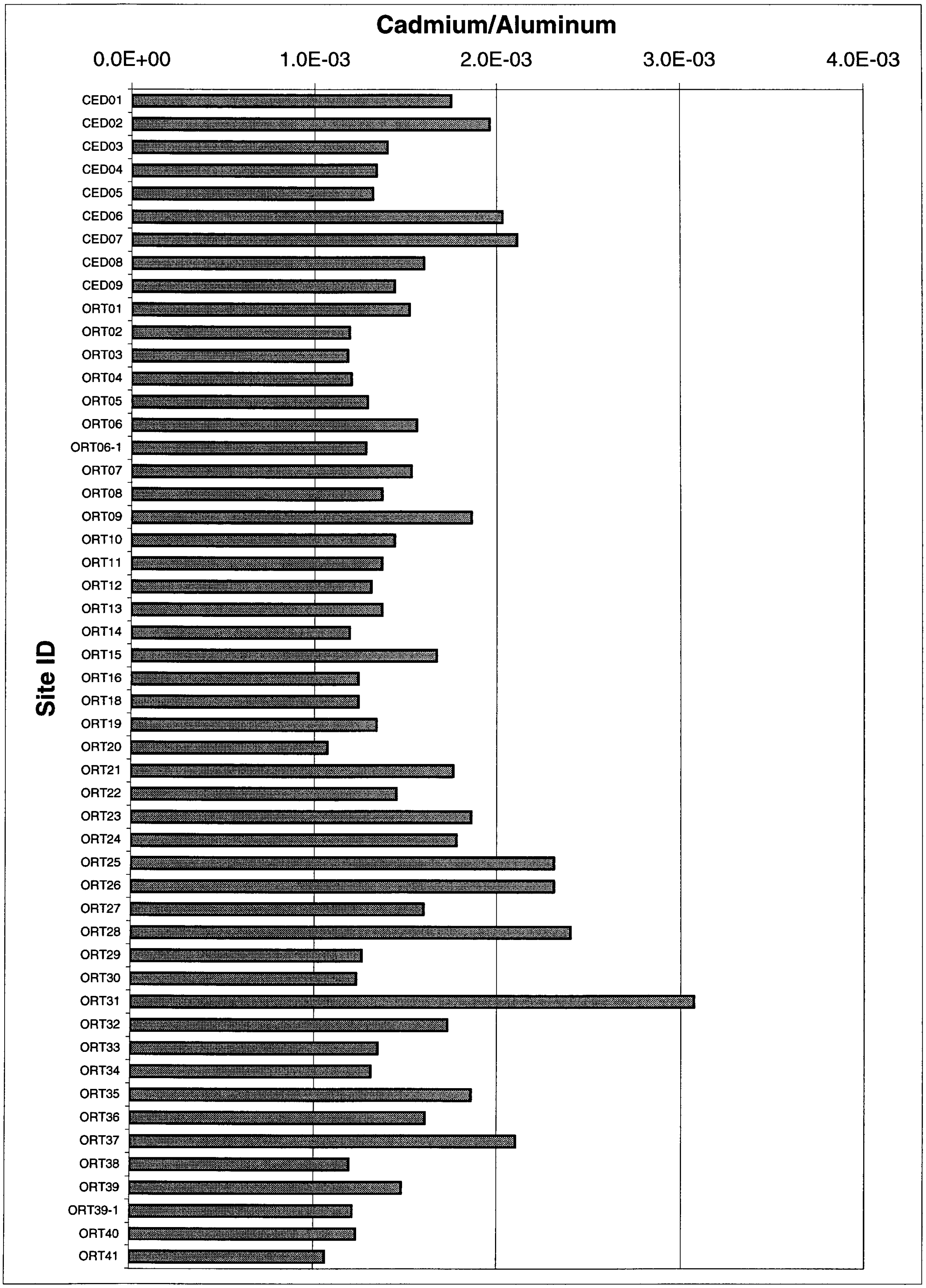

Antimony/Aluminum
0.0E+00
1.0E-05
2.0E-05
3.0E-05
4.0E-05
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

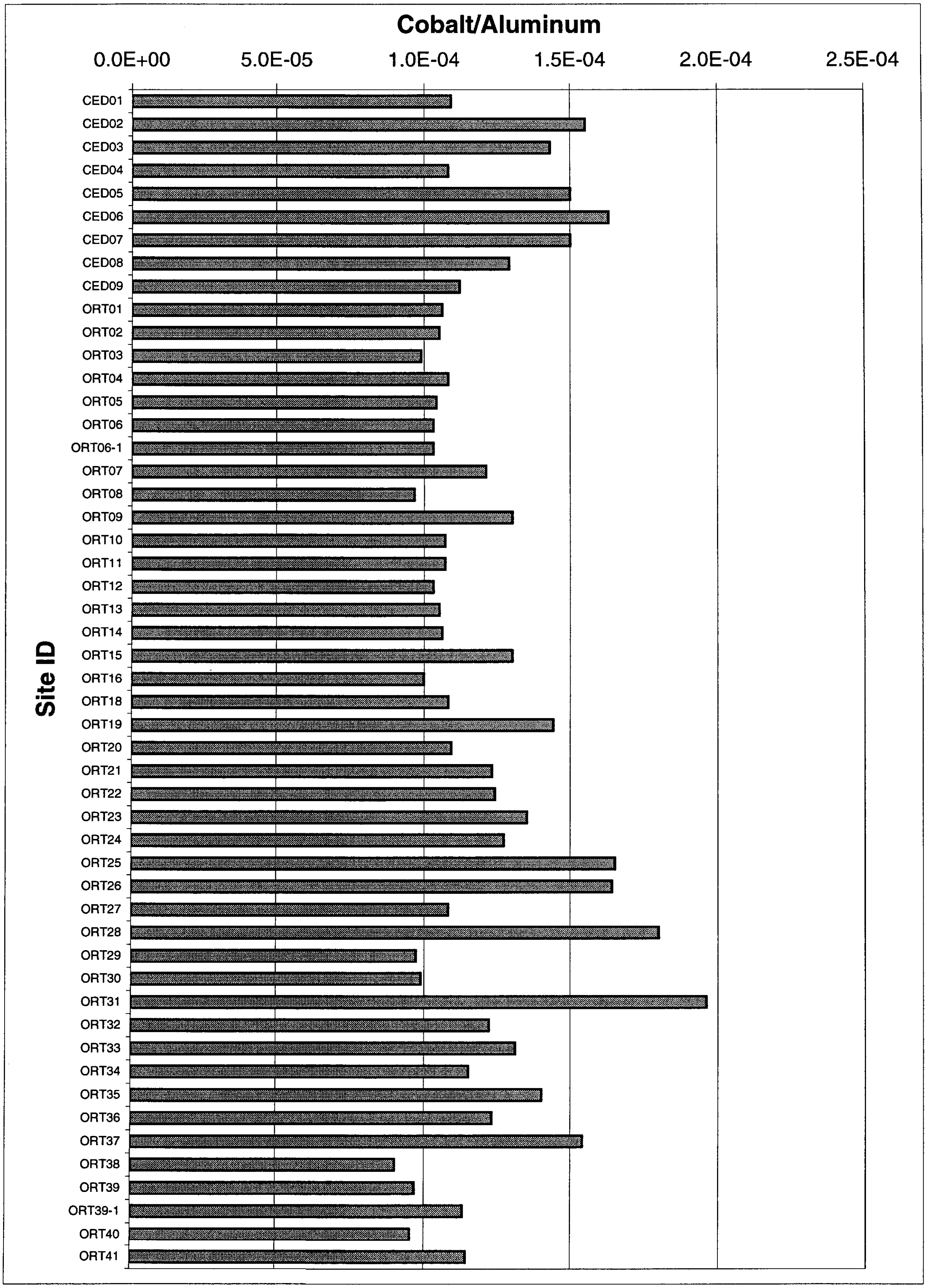

Arsenic/Aluminum
0.0E+00
1.0E-04
2.0E-04
3.0E-04
4.0E-04
5.0E-04
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41


Beryllium/Aluminum
0.0E+00
2.0E-05
4.0E-05
6.0E-05
8.0E-05
1.0E-04
1.2E-04
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

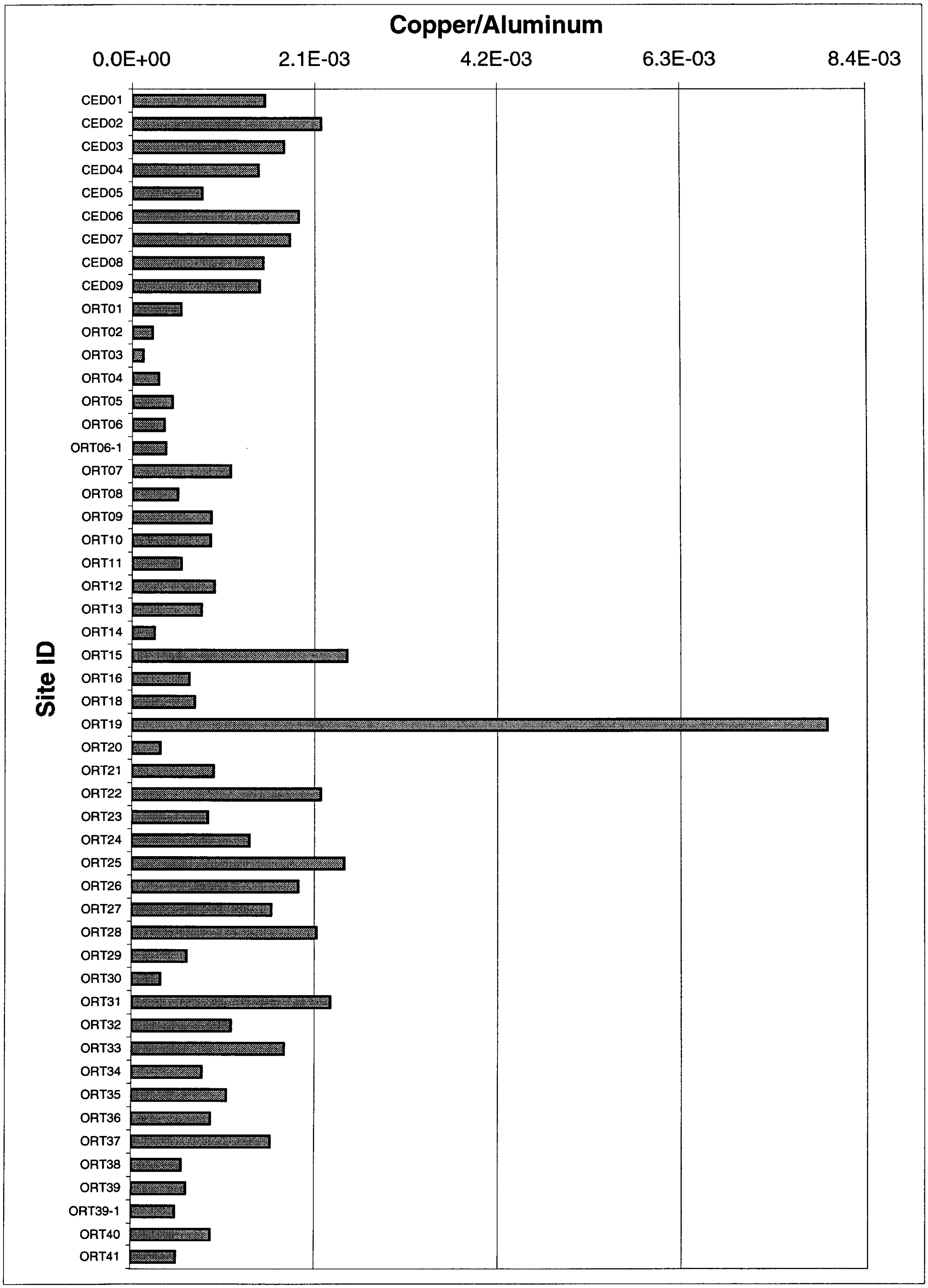


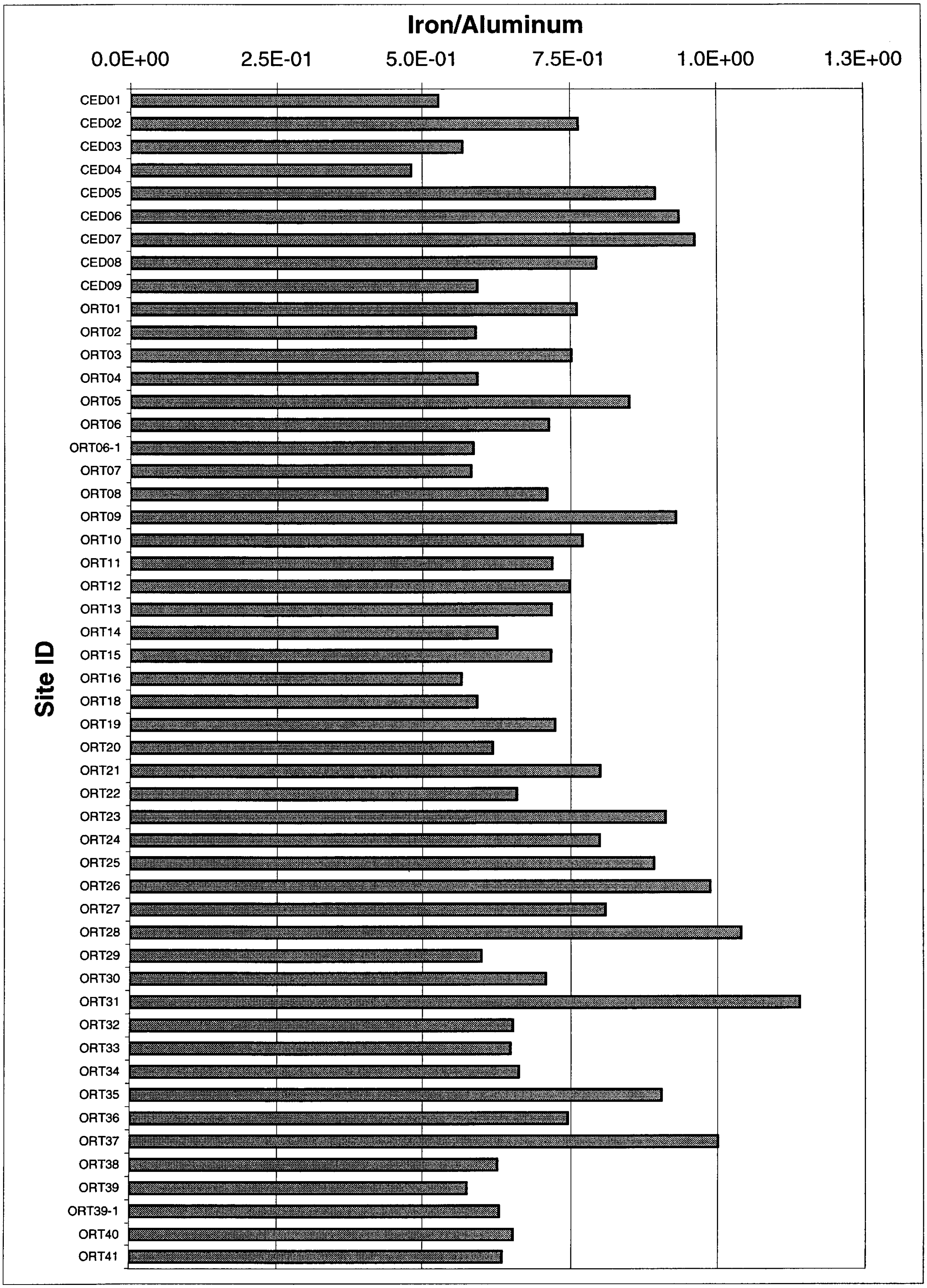
Chromium/Aluminum
0.0E+00
2.0E-05
4.0E-05
6.0E-05
8.0E-05
1.0E-04
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41


Cadmium/Aluminum
0.0E+00
1.0E-03
2.0E-03
3.0E-03
4.0E-03
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

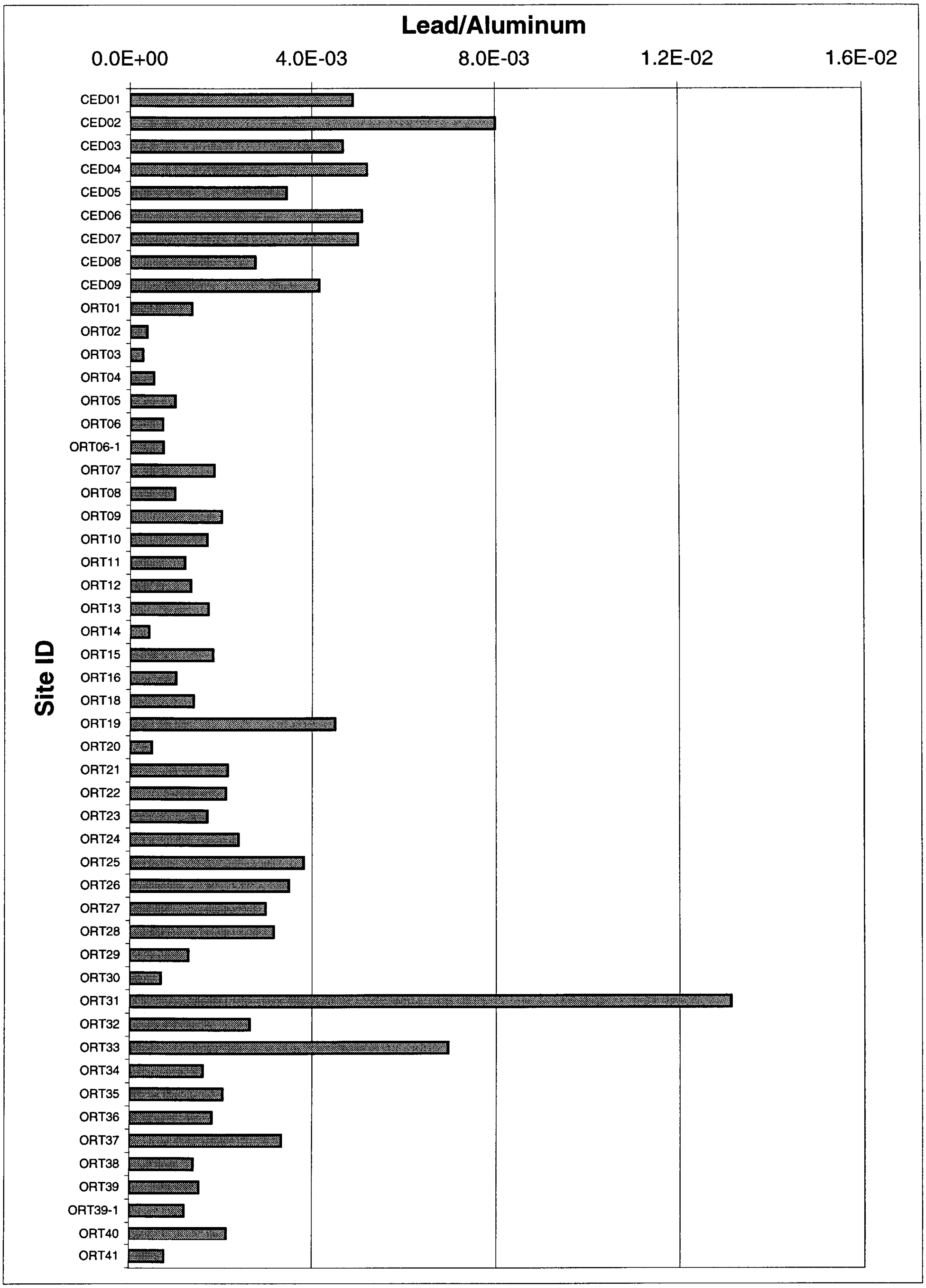


Cobalt/Aluminum
0.0E+00
5.0E-05
1.0E-04
1.5E-04
2.0E-04
2.5E-04
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

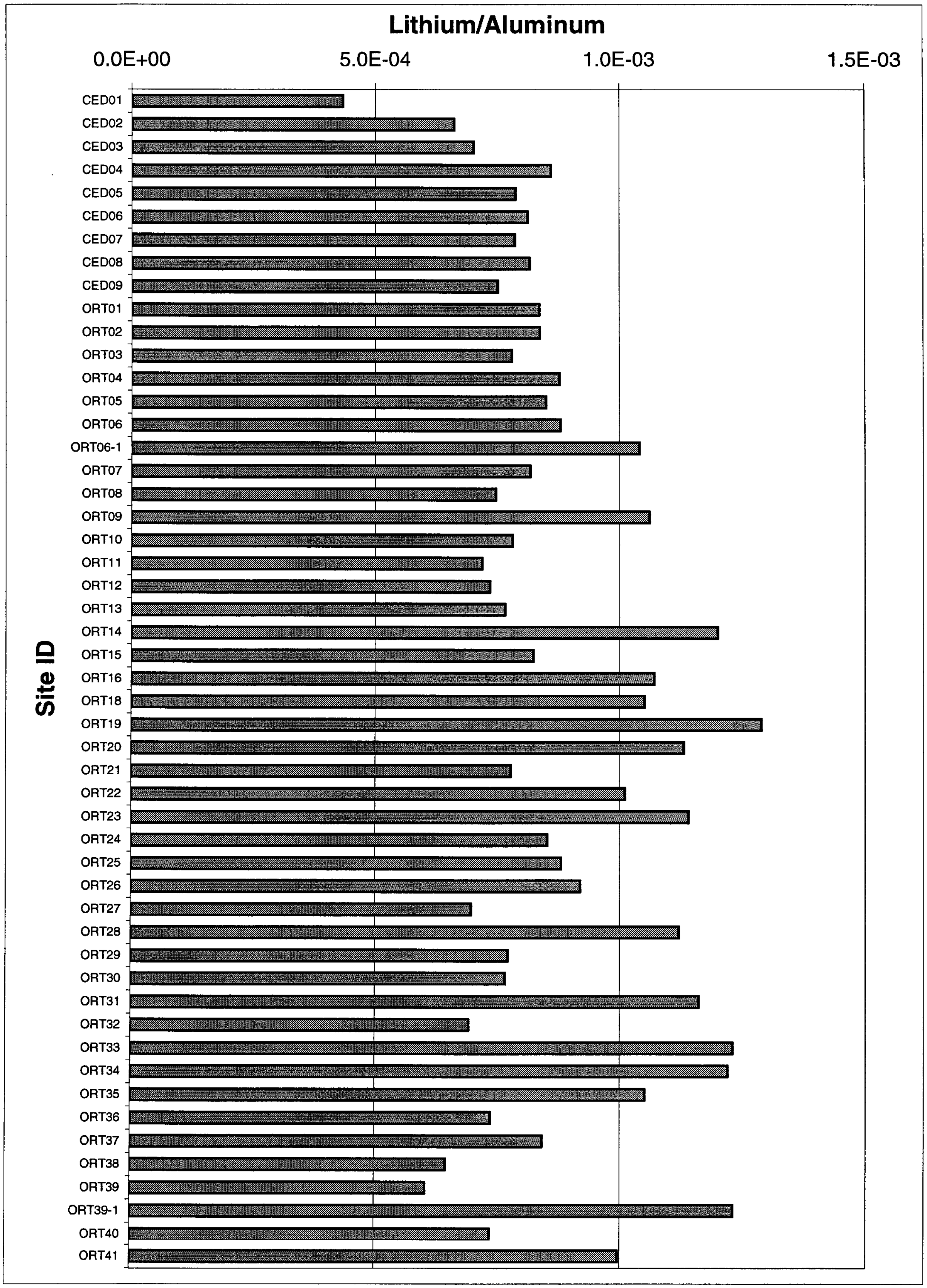

Copper/Aluminum
0.0E+00
2.1E-03
4.2E-03
6.3E-03
8.4E-03
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

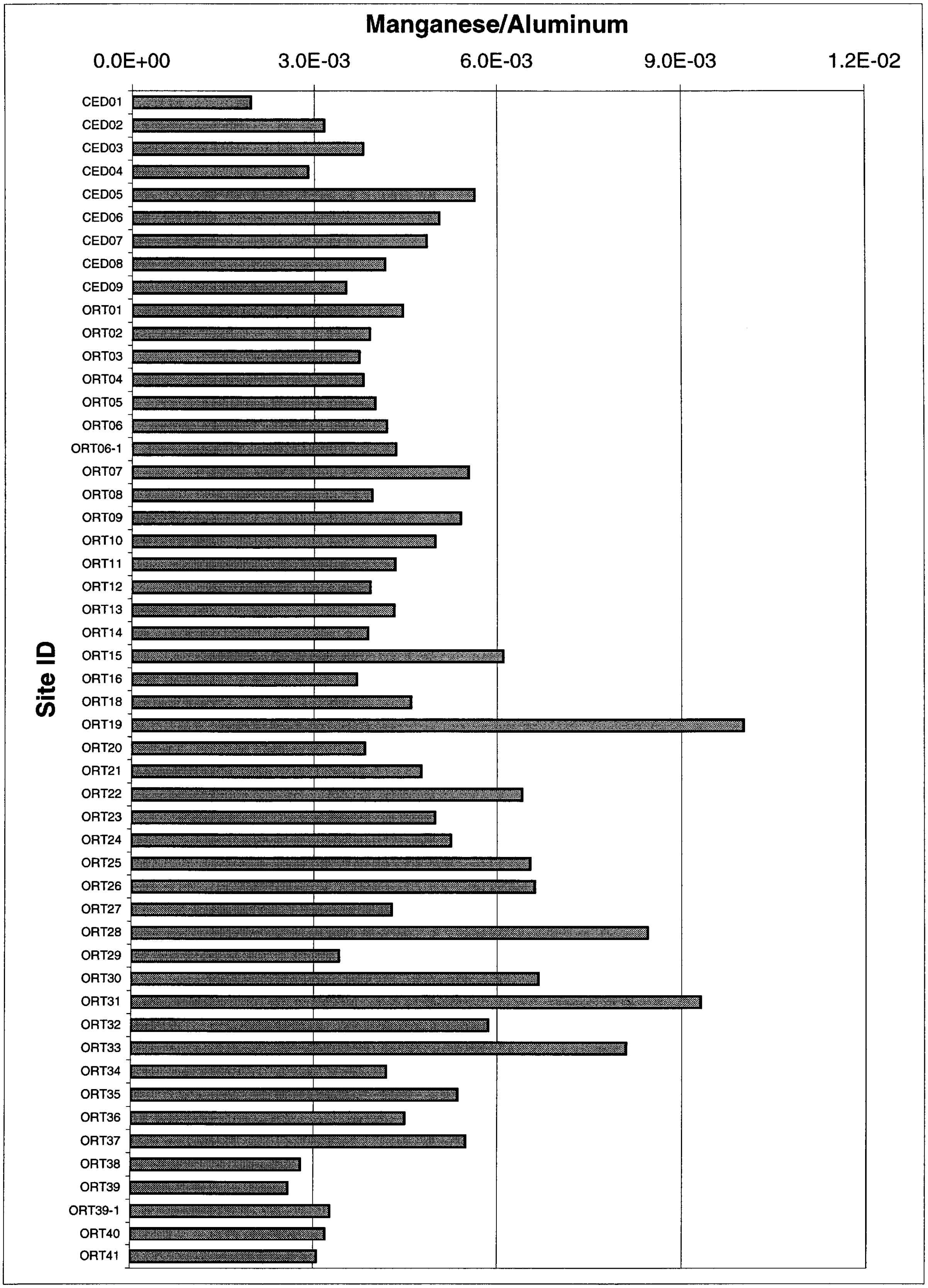


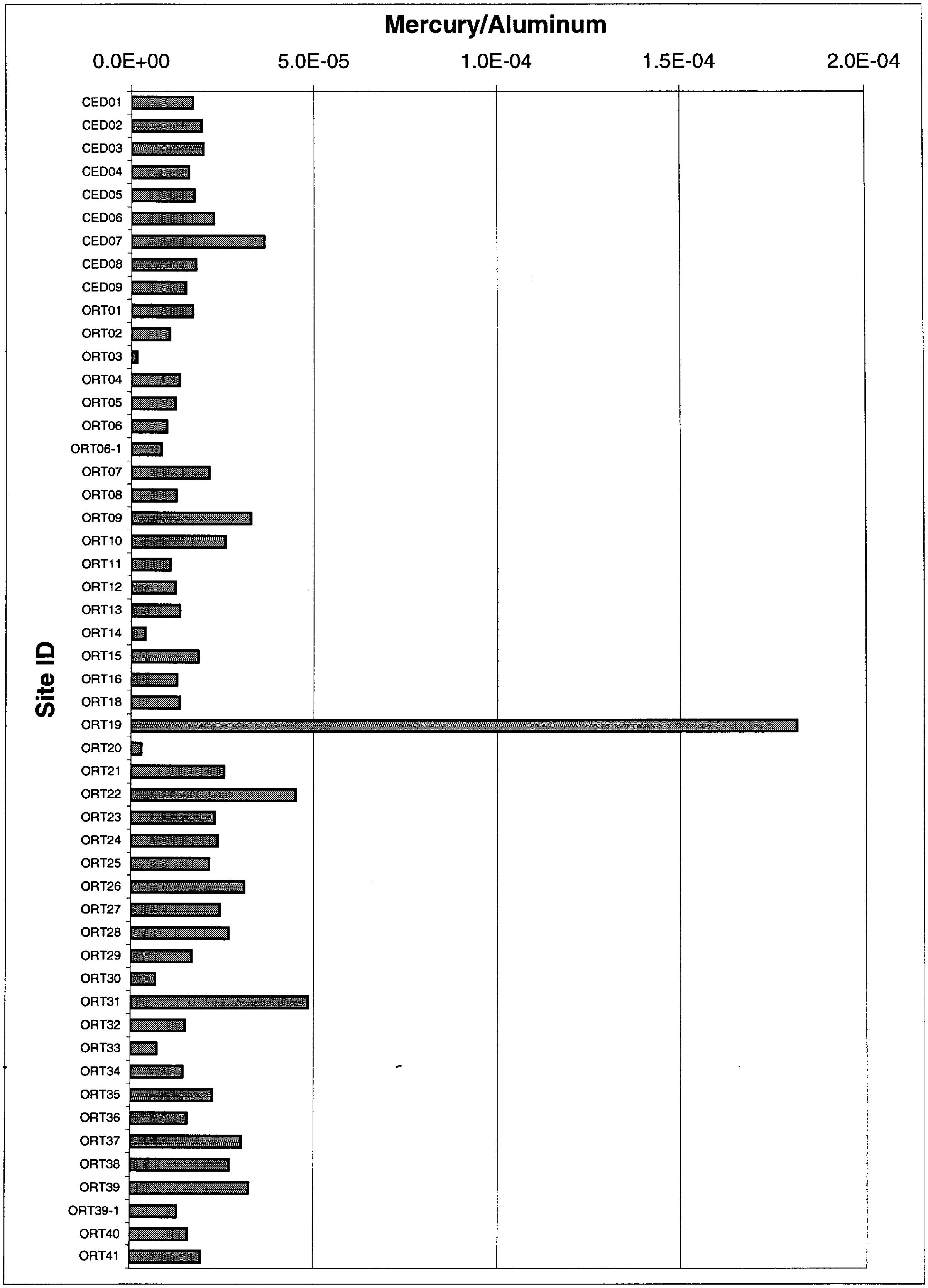
Iron/Aluminum
0.0E+00
2.5E-01
5.0E-01
7.5E-01
1.0E+00
1.3E+00
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

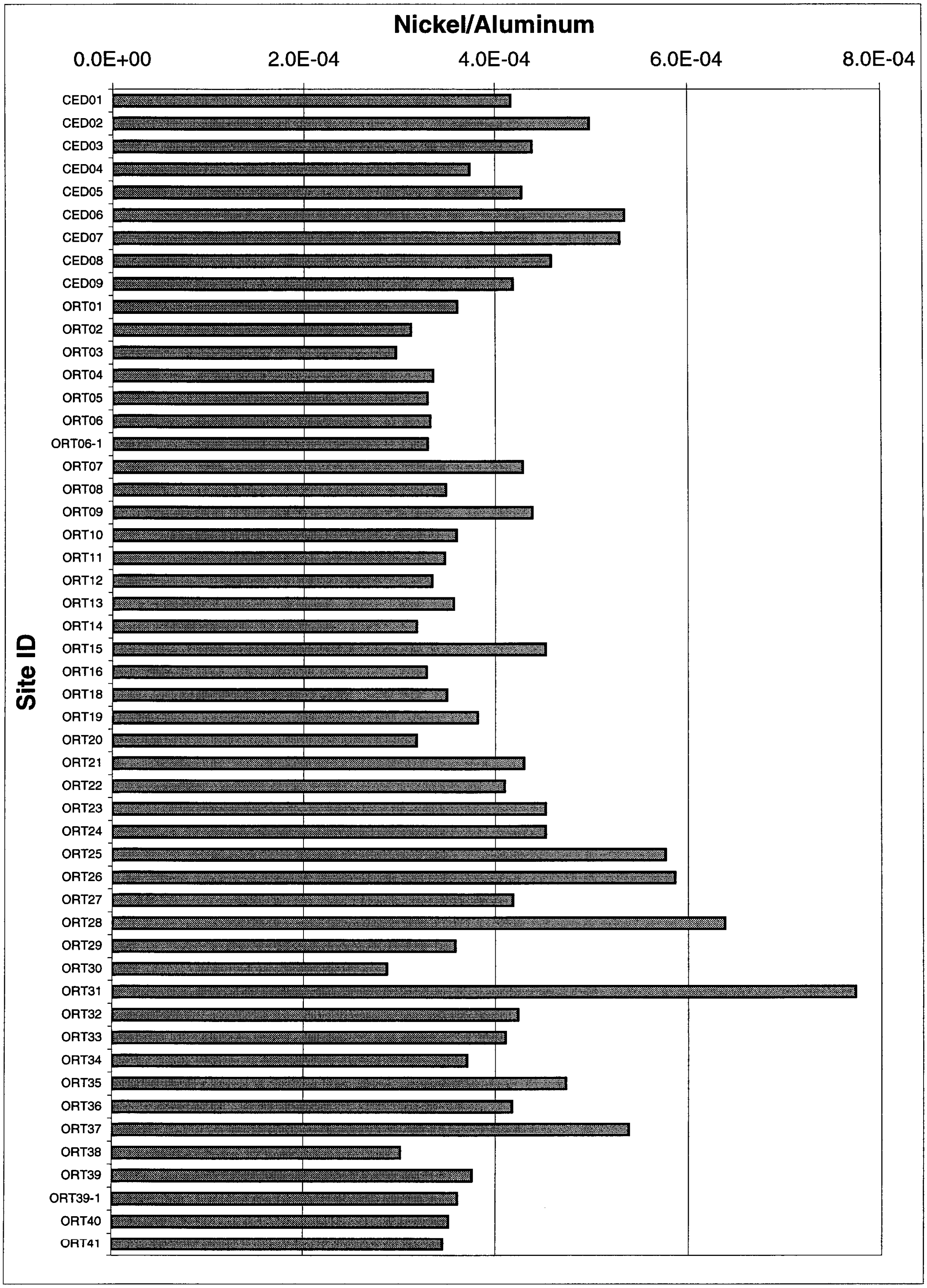


Lead/Aluminum
0.0E+00
4.0E-03
8.0E-03
1.2E-02
1.6E-02
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

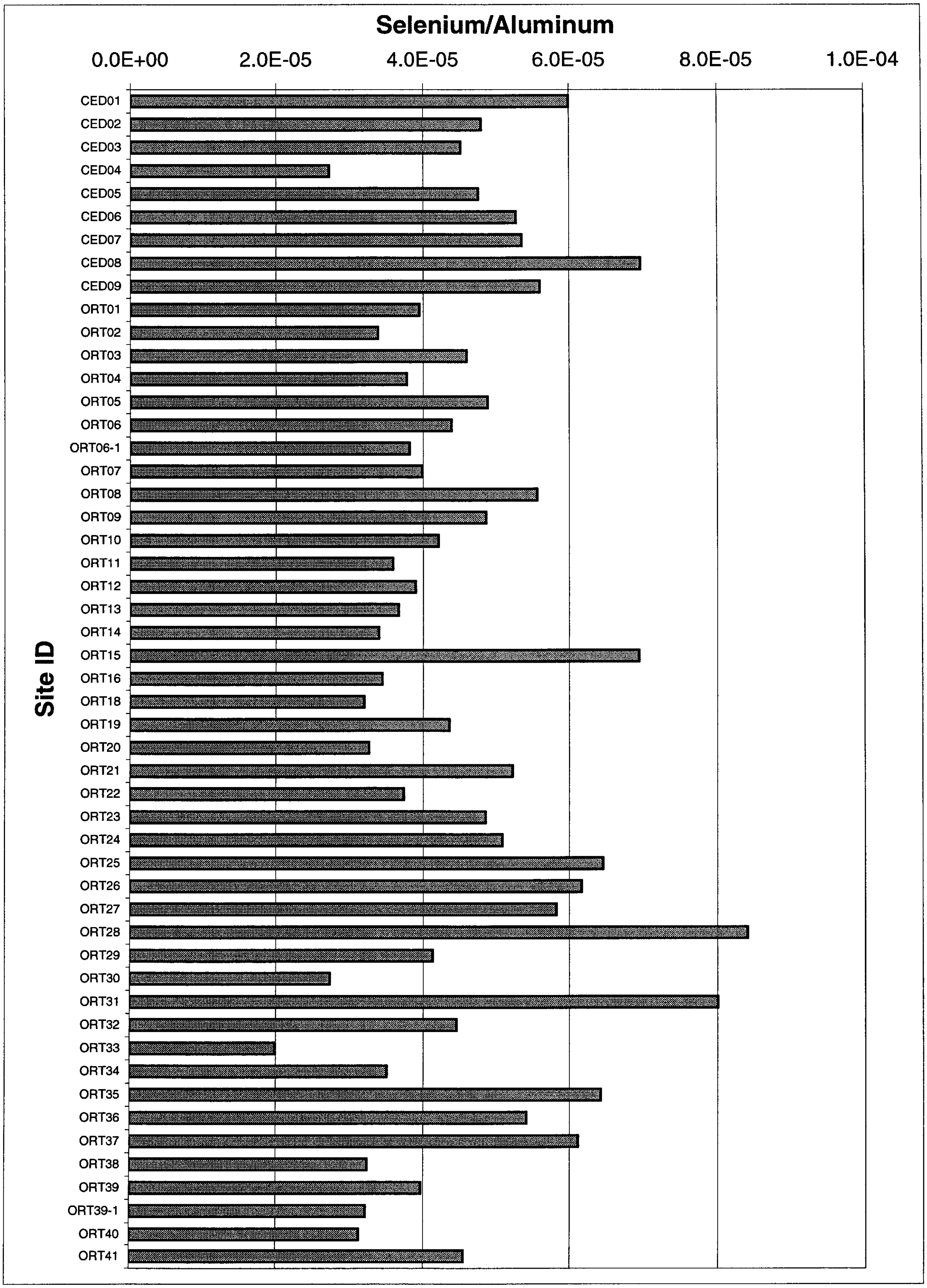

Lithium/Aluminum
0.0E+00
5.0E-04
1.0E-03
1.5E-03
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41


Manganese/Aluminum
0.0E+00
3.0E-03
6.0E-03
9.0E-03
1.2E-02
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

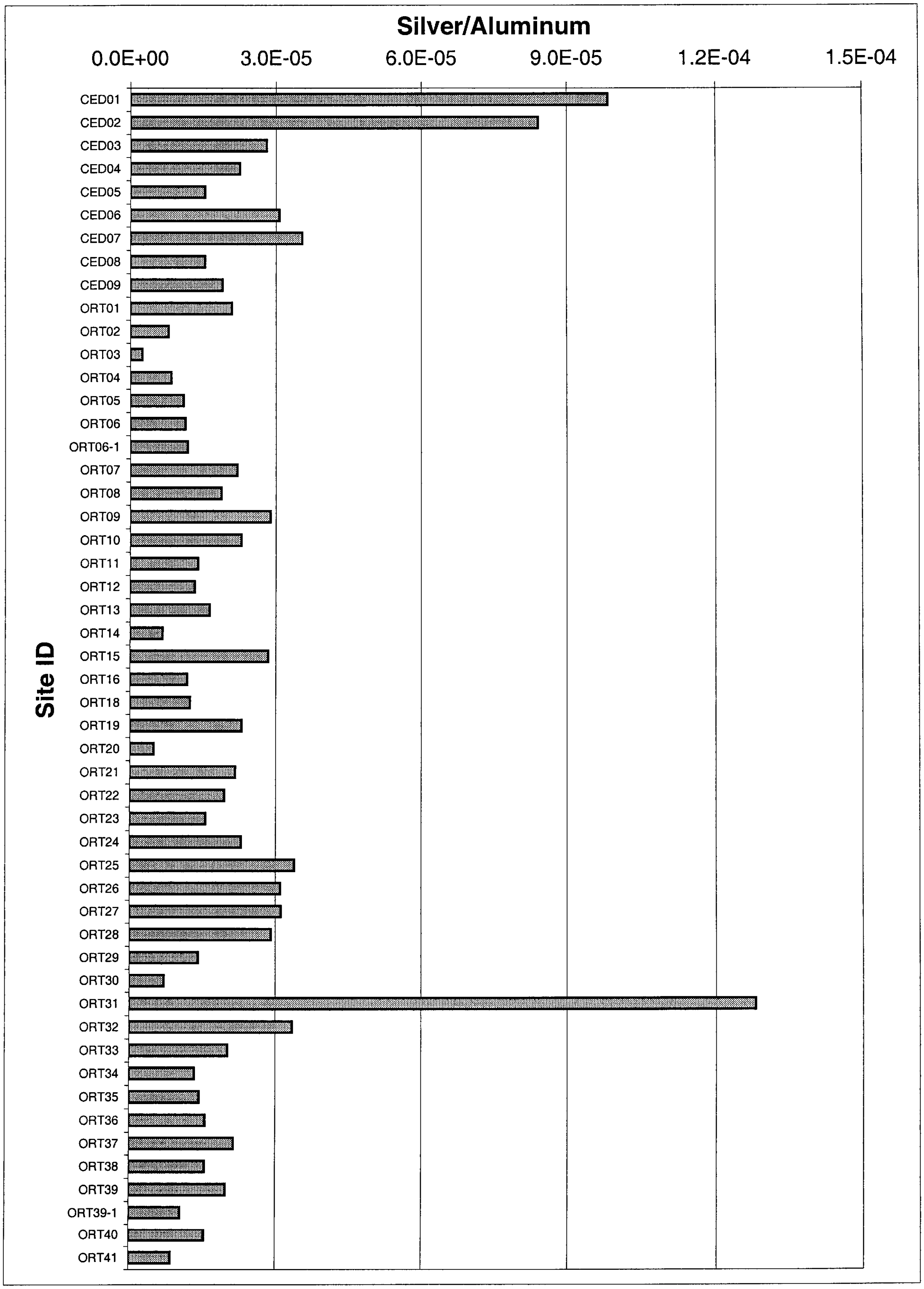

Mercury/Aluminum
0.0E+00
5.0E-05
1.0E-04
1.5E-04
2.0E-04
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41



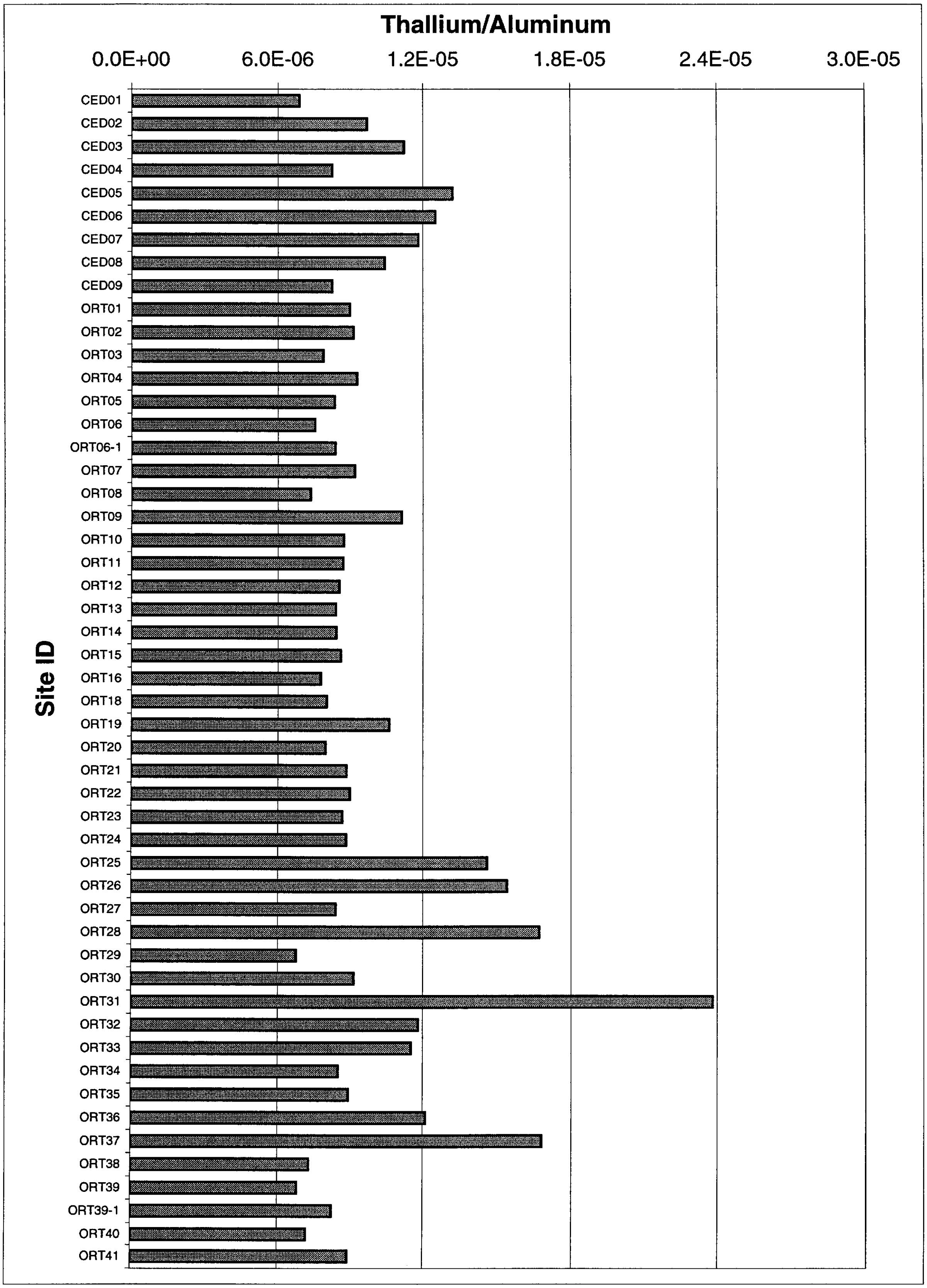
Nickel/Aluminum
0.0E+00
2.0E-04
4.0E-04
6.0E-04
8.0E-04
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

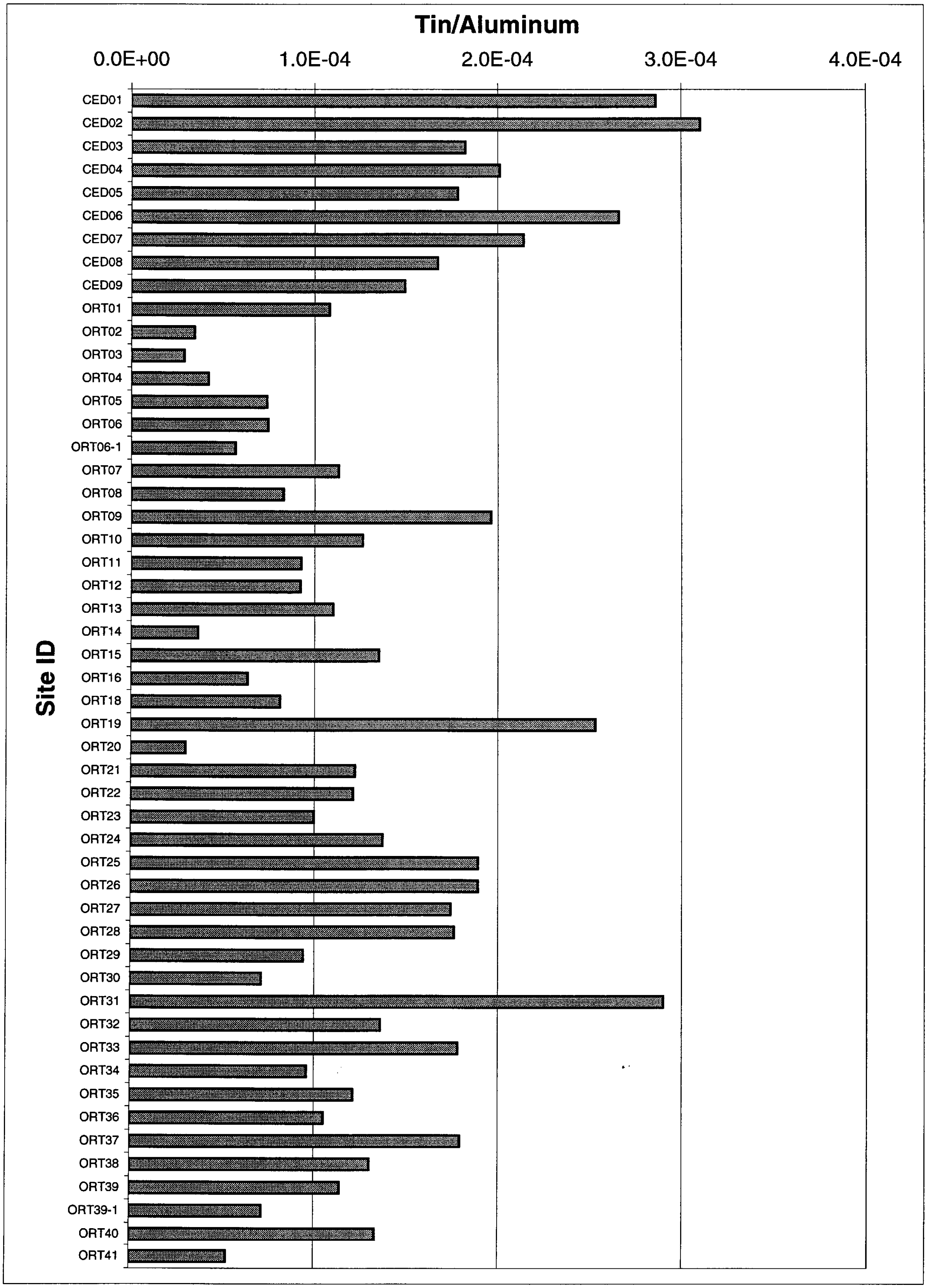


Selenium/Aluminum
0.0E+00
2.0E-05
4.0E-05
6.0E-05
8.0E-05
1.0E-04
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

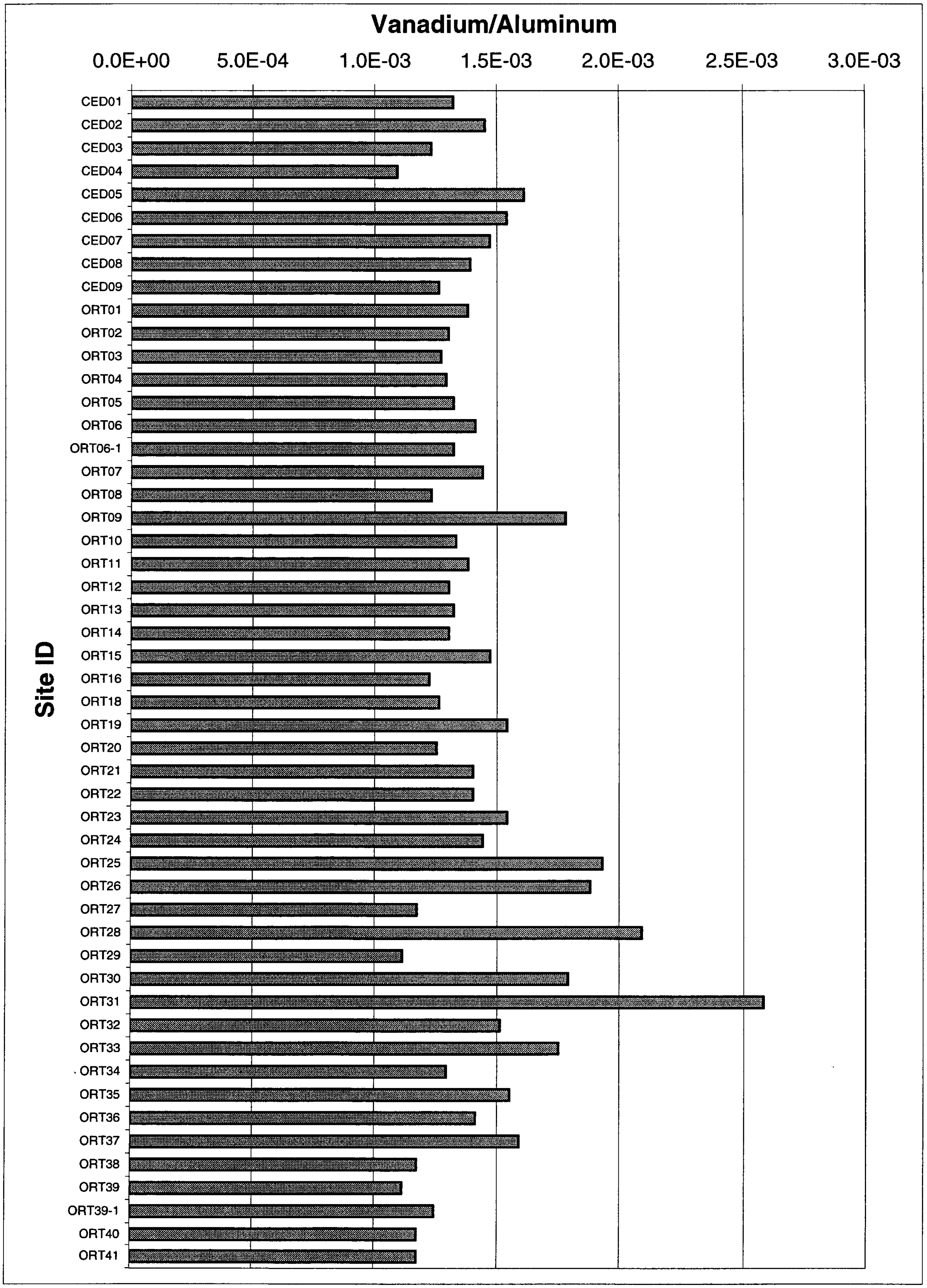


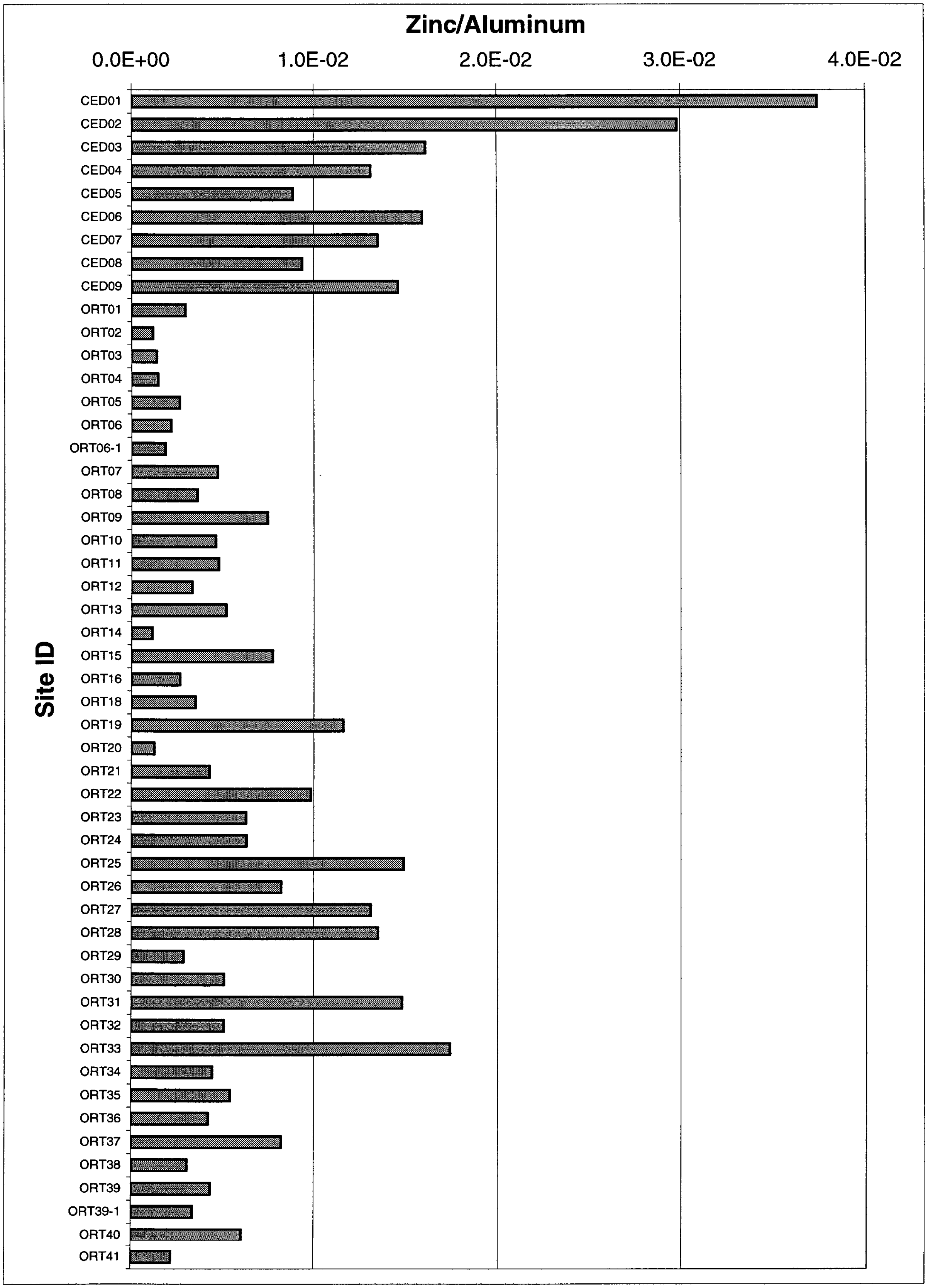
Silver/Aluminum
0.0E+00
3.0E-05
6.0E-05
9.0E-05
1.2E-04
1.5E-04
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41


Thallium/Aluminum
0.0E+00
6.0E-06
1.2E-05
1.8E-05
2.4E-05
3.0E-05
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

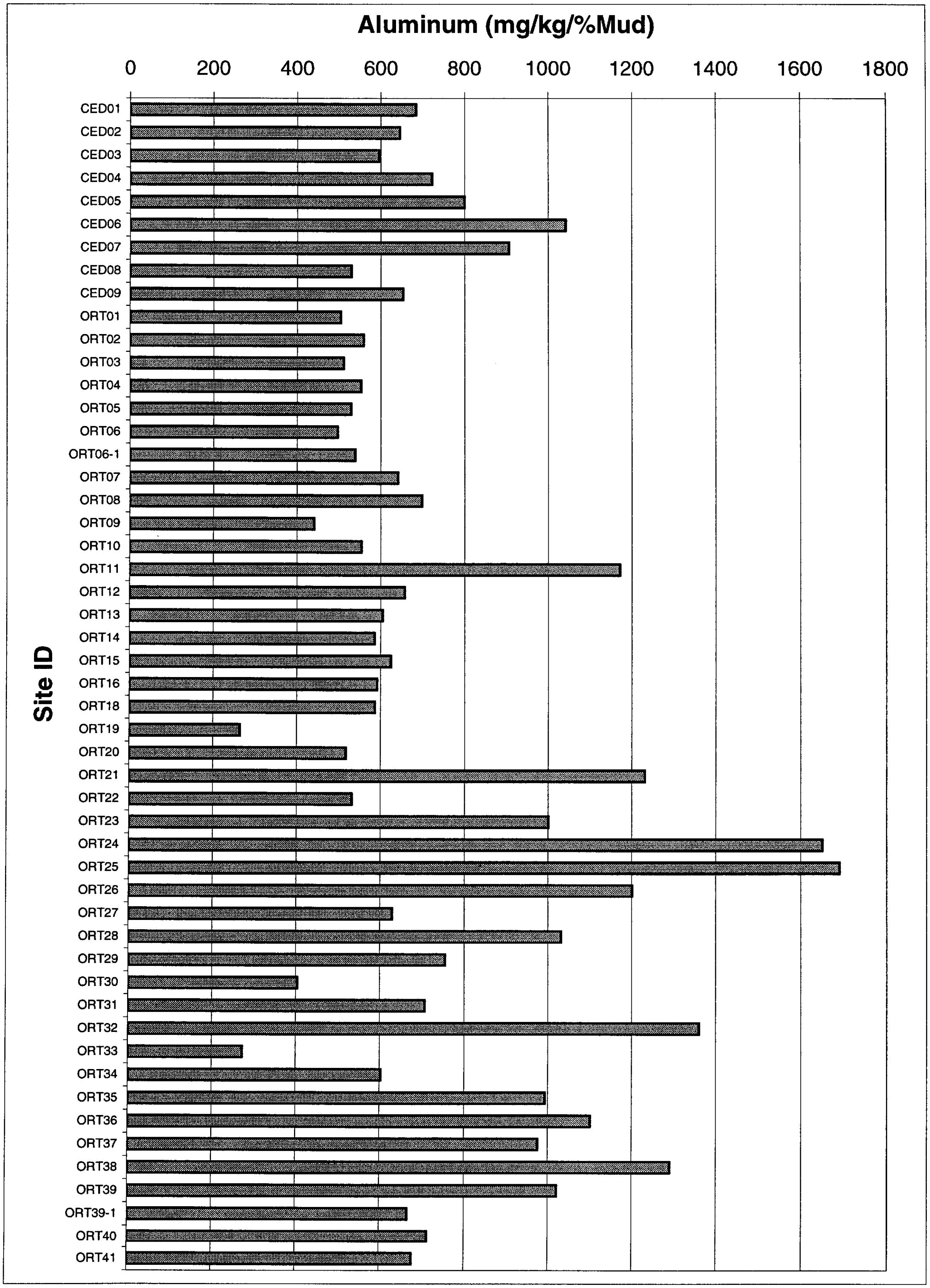


Tin/Aluminum
0.0E+00
1.0E-04
2.0E-04
3.0E-04
4.0E-04
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

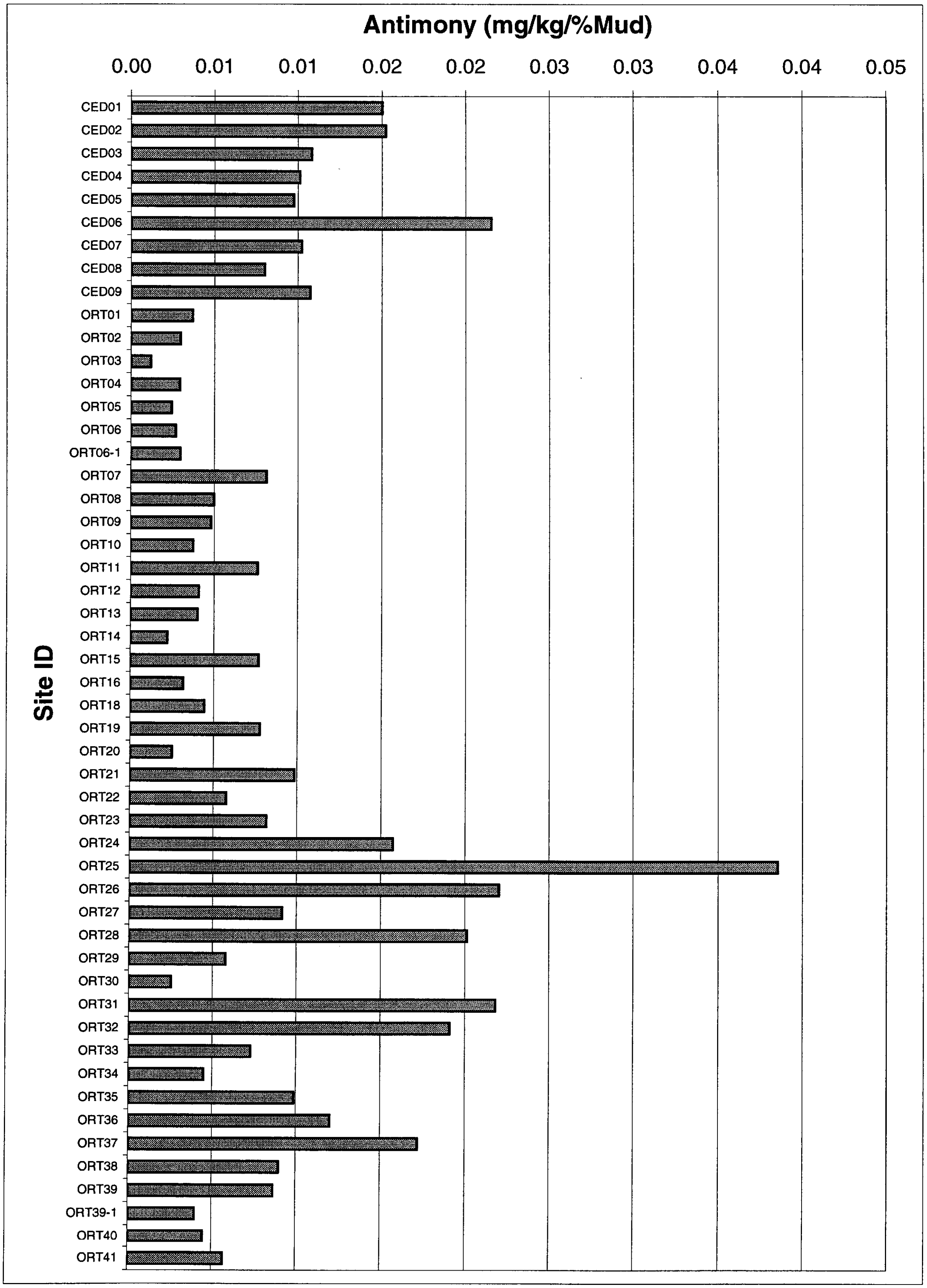

Vanadium/Aluminum
0.0E+00
5.0E-04
1.0E-03
1.5E-03
2.0E-03
2.5E-03
3.0E-03
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

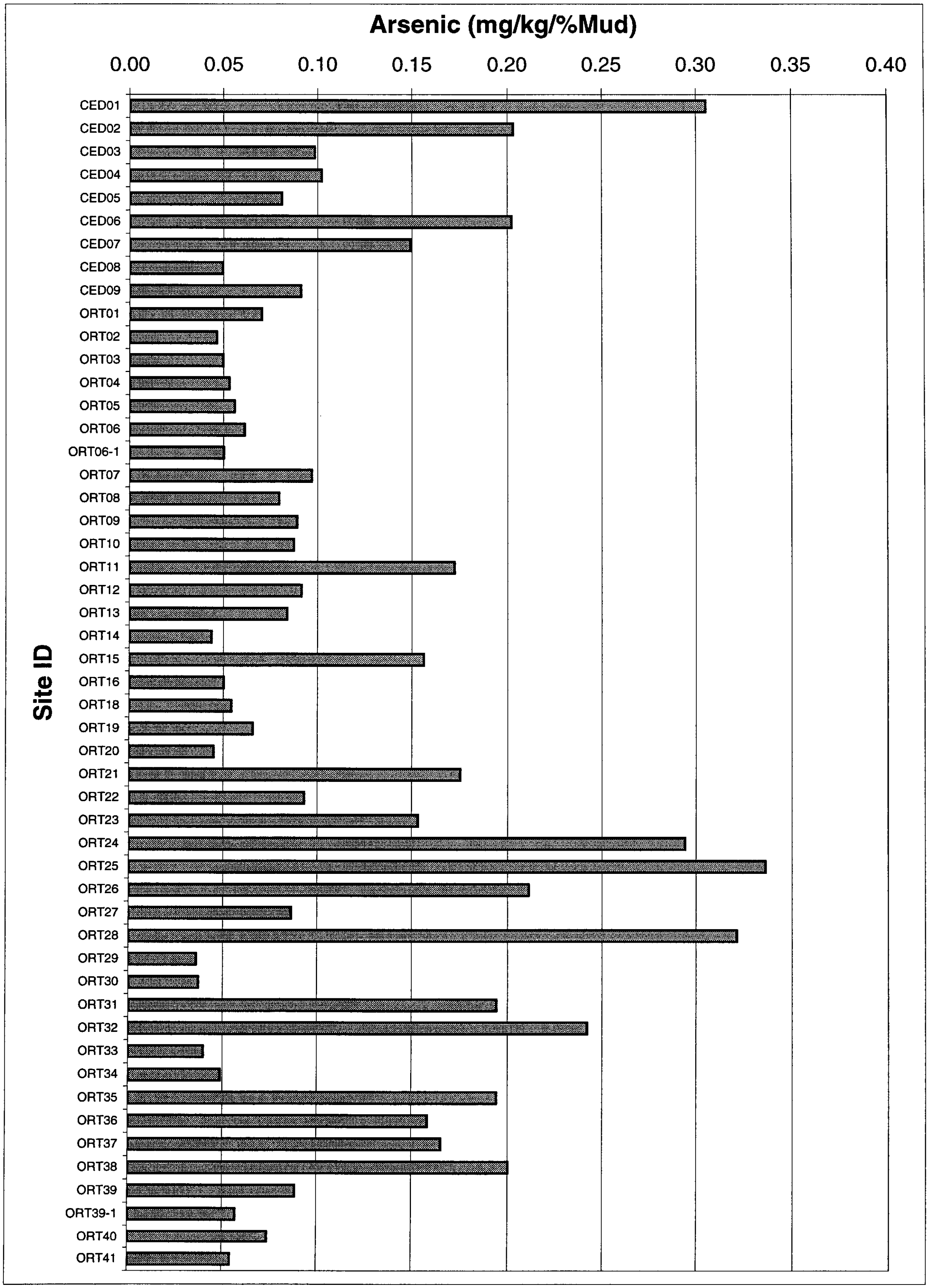


Zinc/Aluminum
0.0E+00
1.0E-02
2.0E-02
3.0E-02
4.0E-02
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

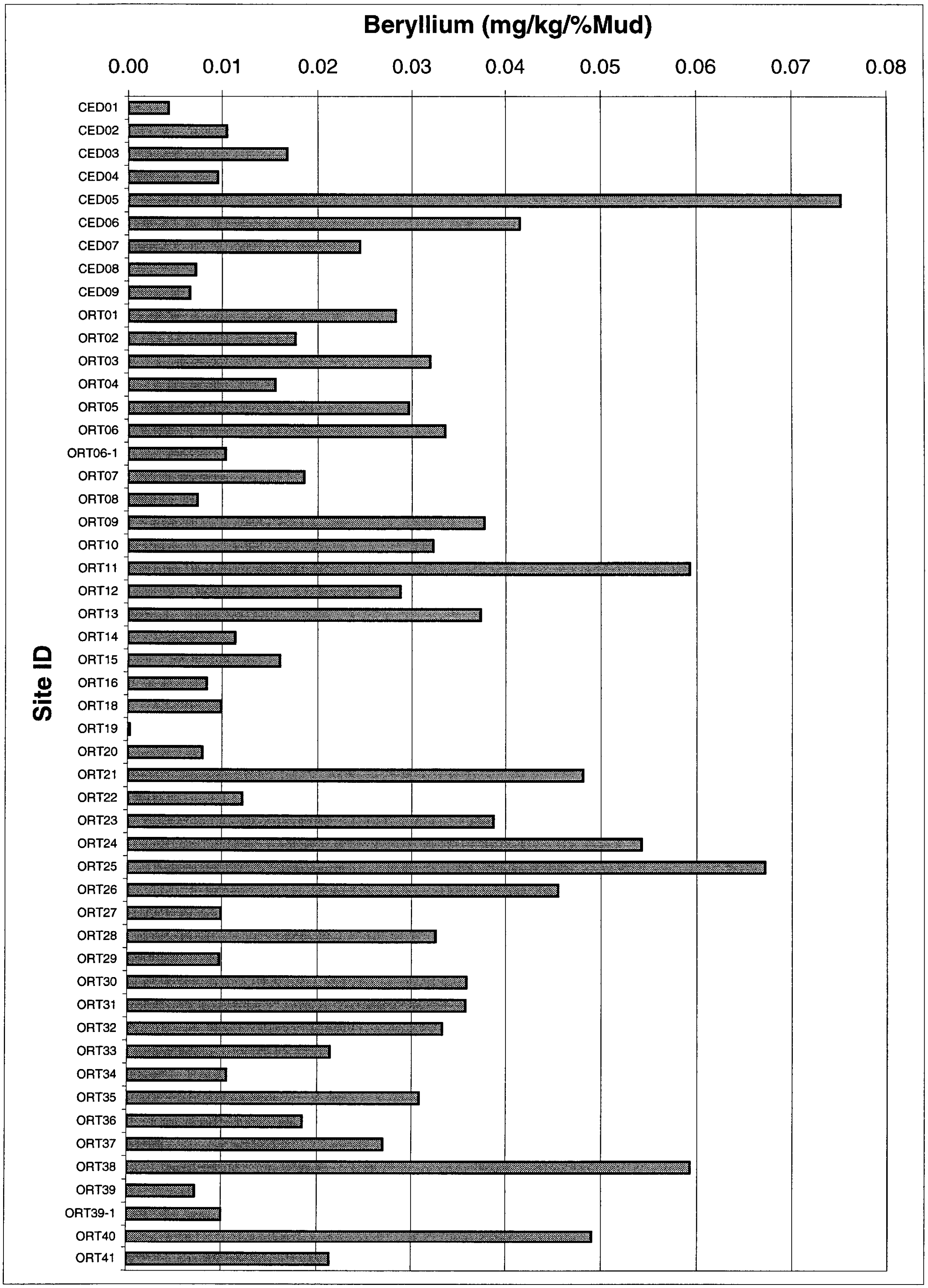


Aluminum (mg/kg/%Mud)
0
200
400
600
800
1000
1200
1400
1600
1800
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

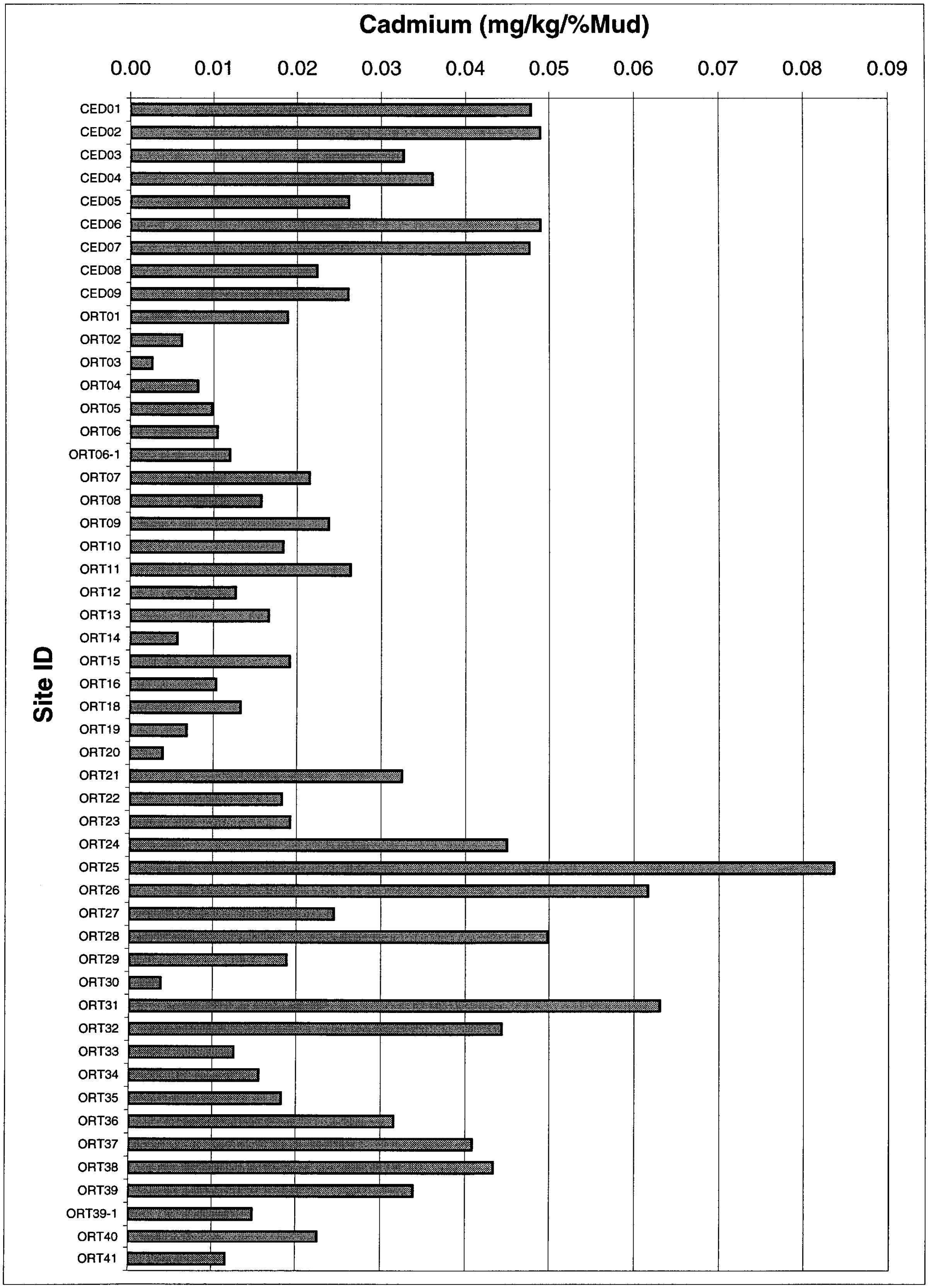

Antimony (mg/kg/%Mud)
0.00
0.01
0.01
0.02
0.02
0.03
0.03
0.04
0.04
0.05
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41



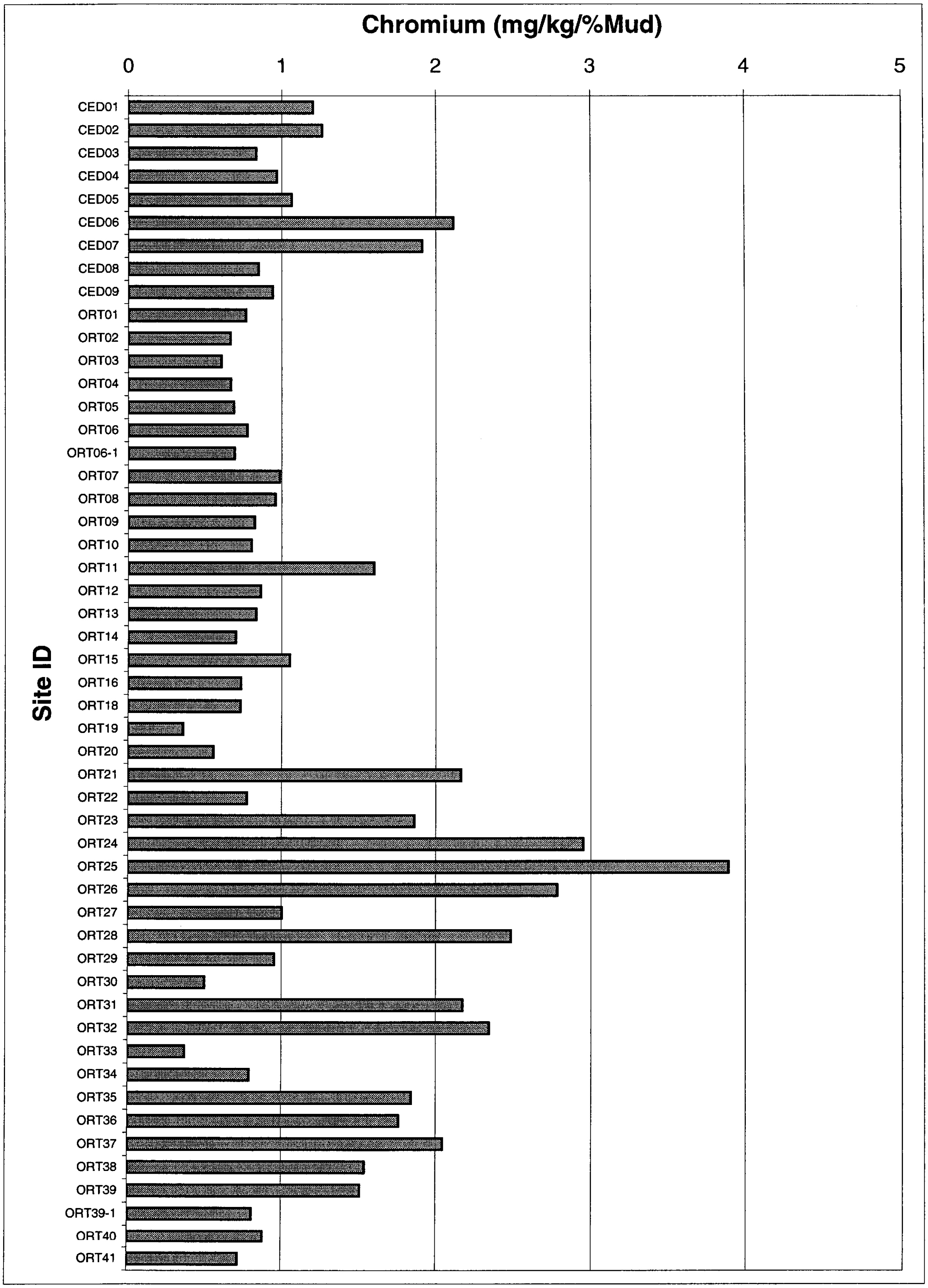
Arsenic (mg/kg/%Mud)
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.40
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41



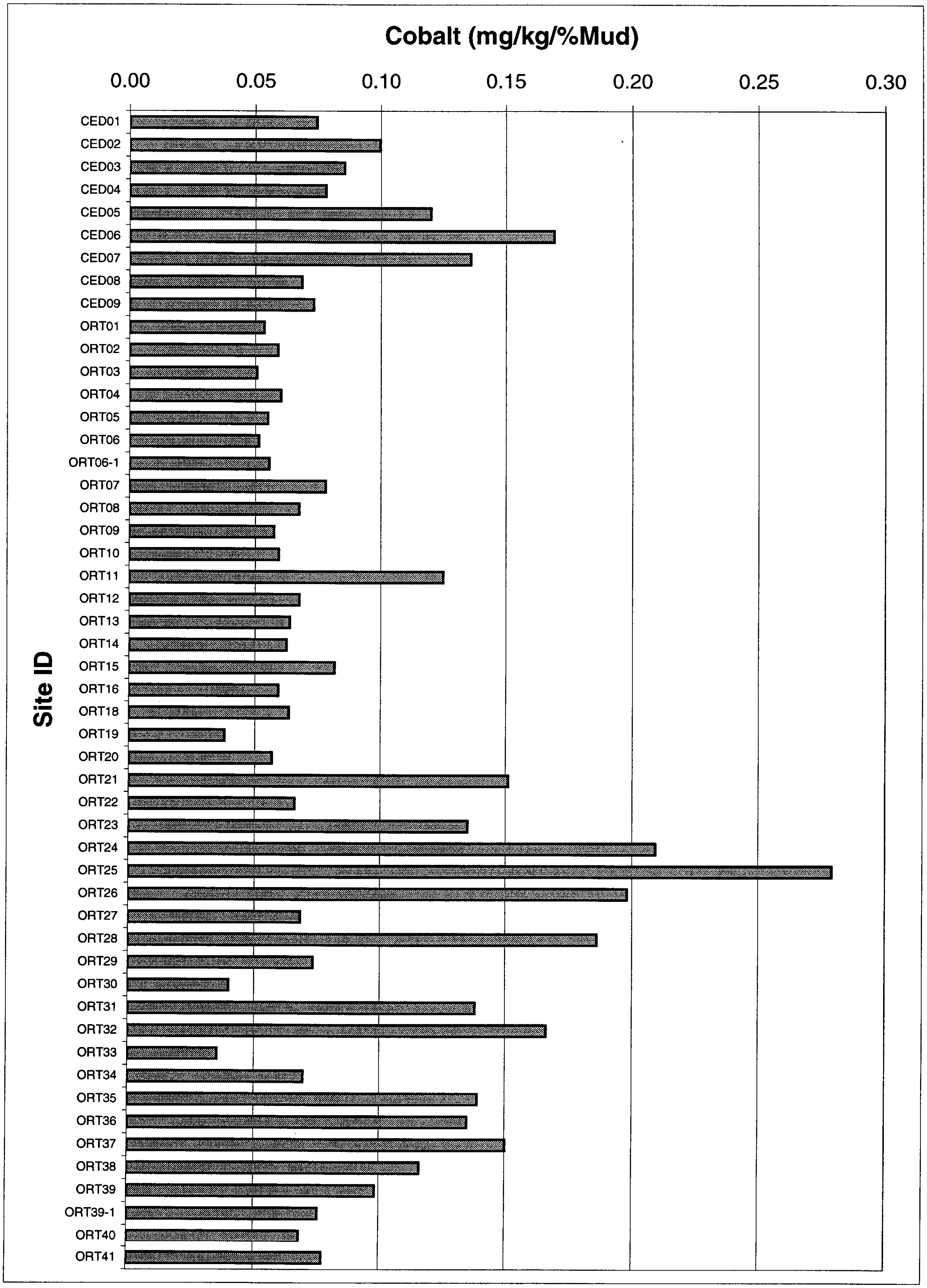
Beryllium (mg/kg/%Mud)
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

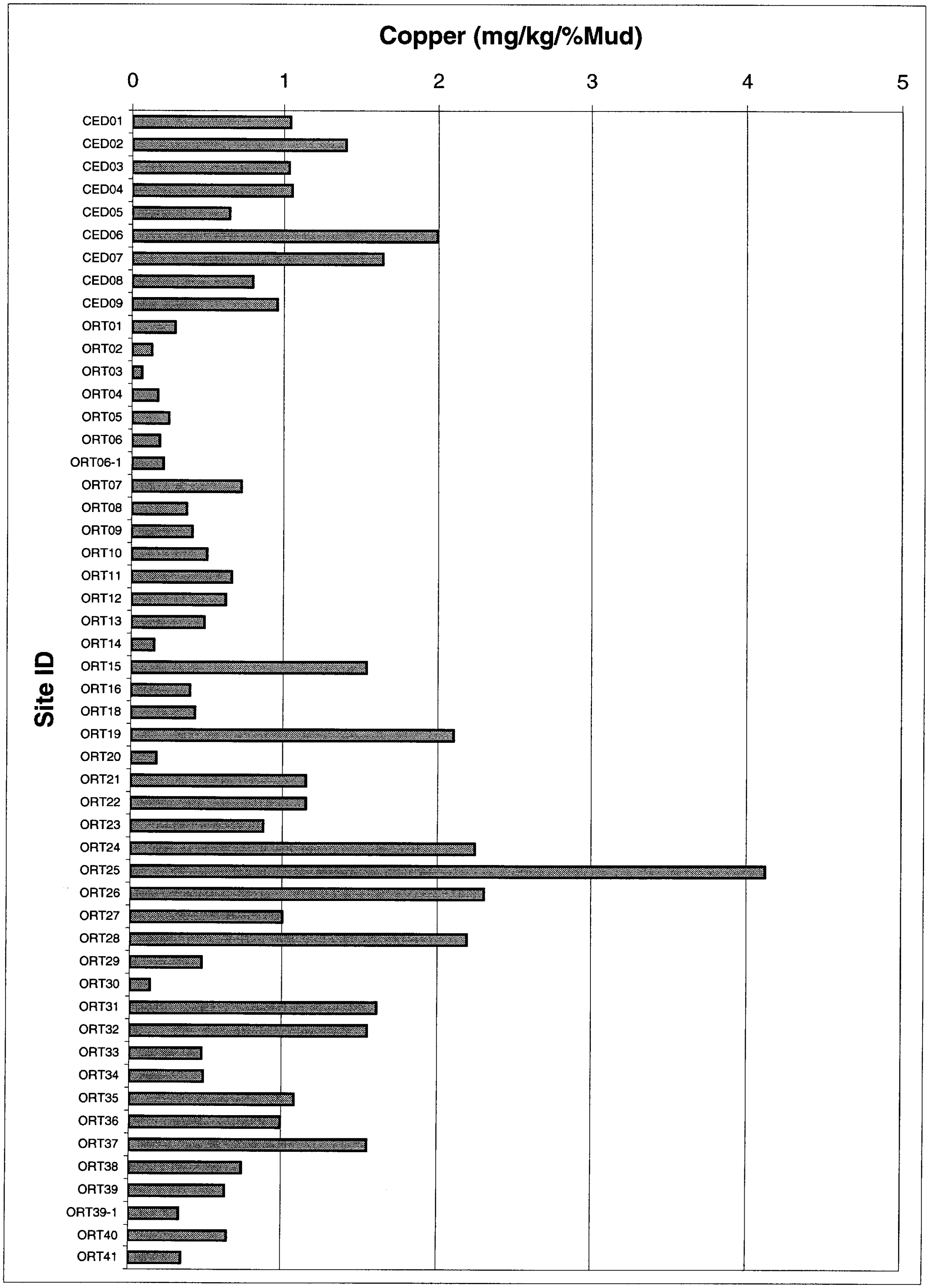


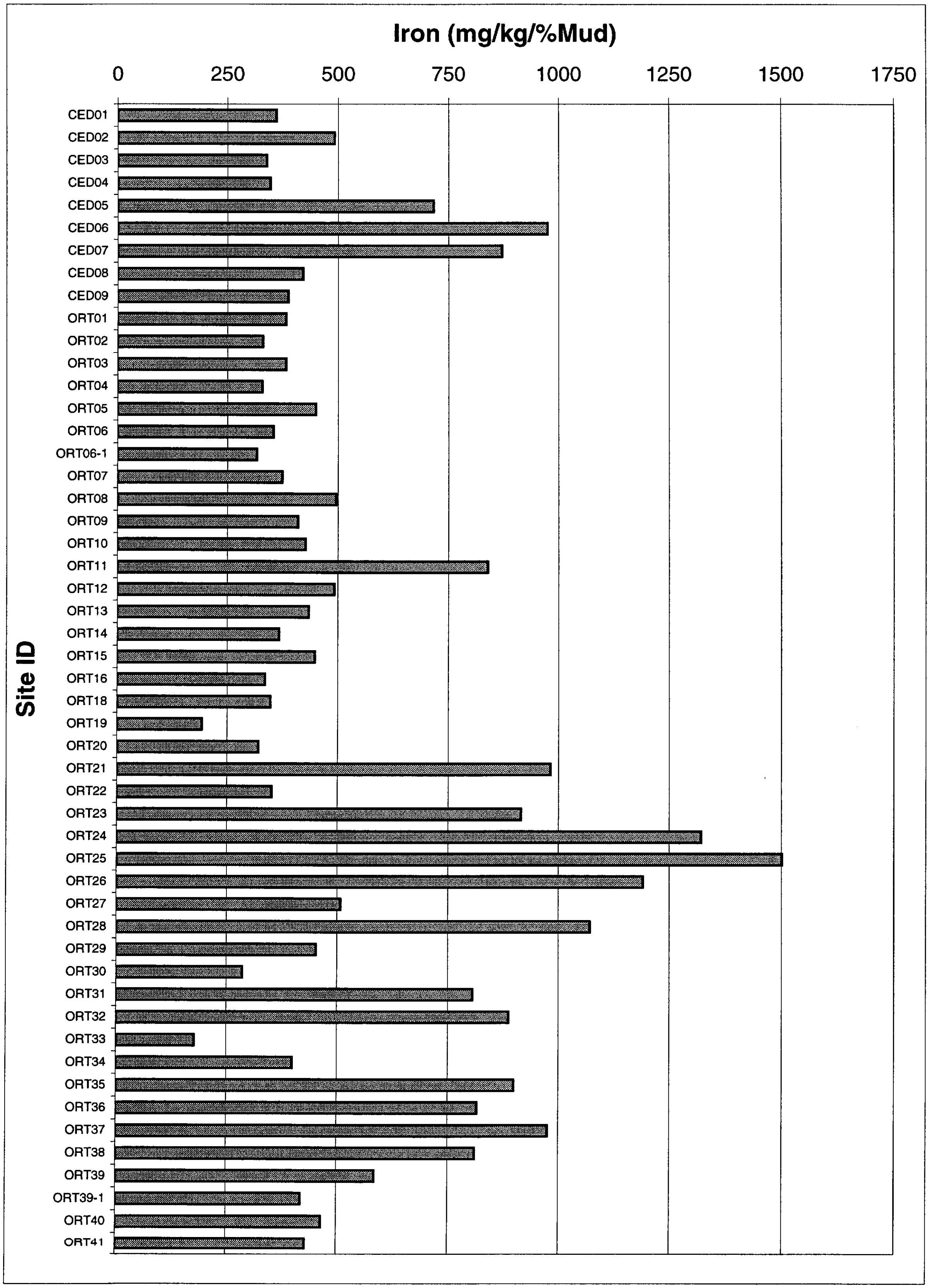
Cadmium (mg/kg/%Mud)
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41



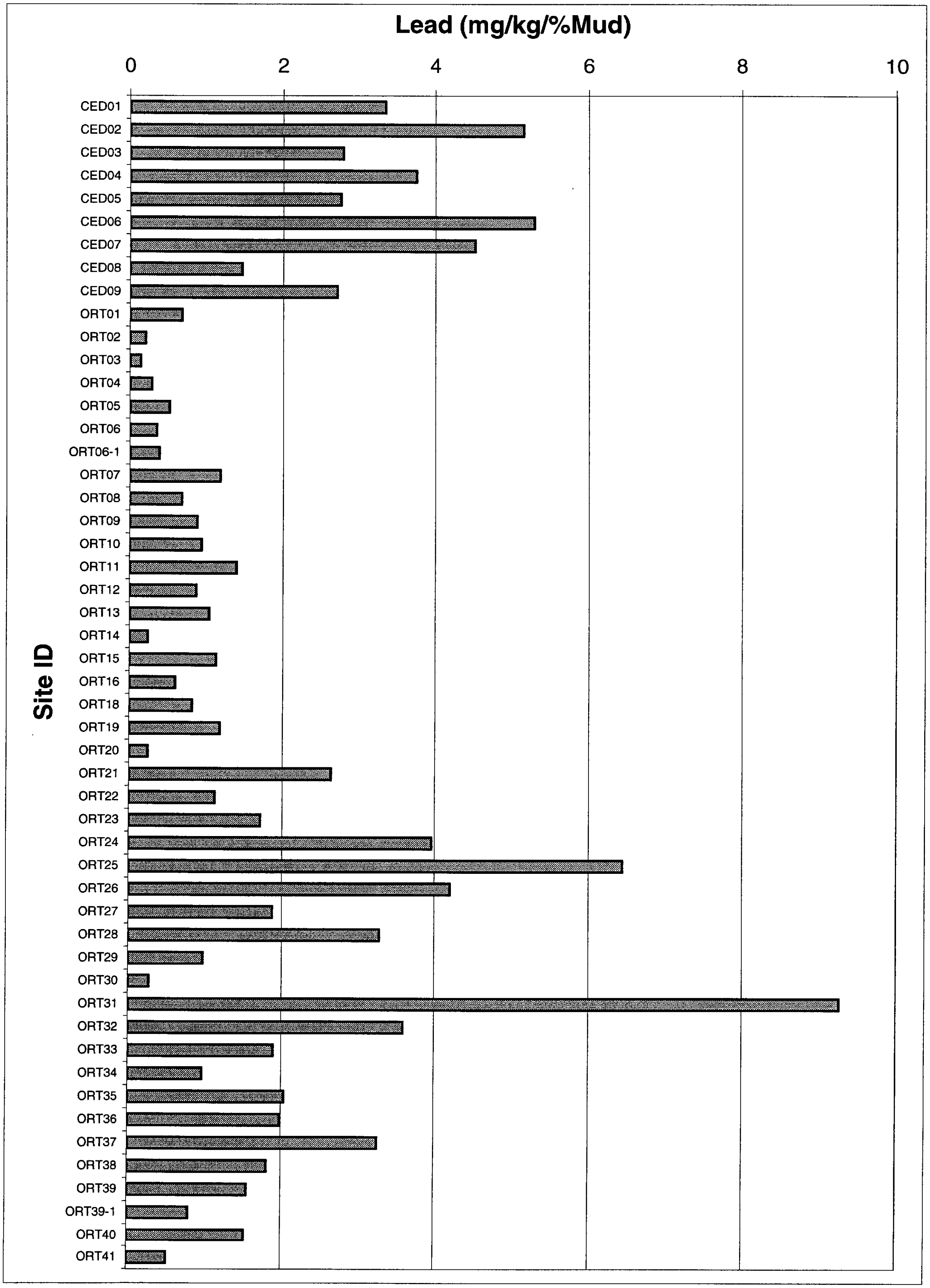
Chromium (mg/kg/%Mud)
0
1
2
3
4
5
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

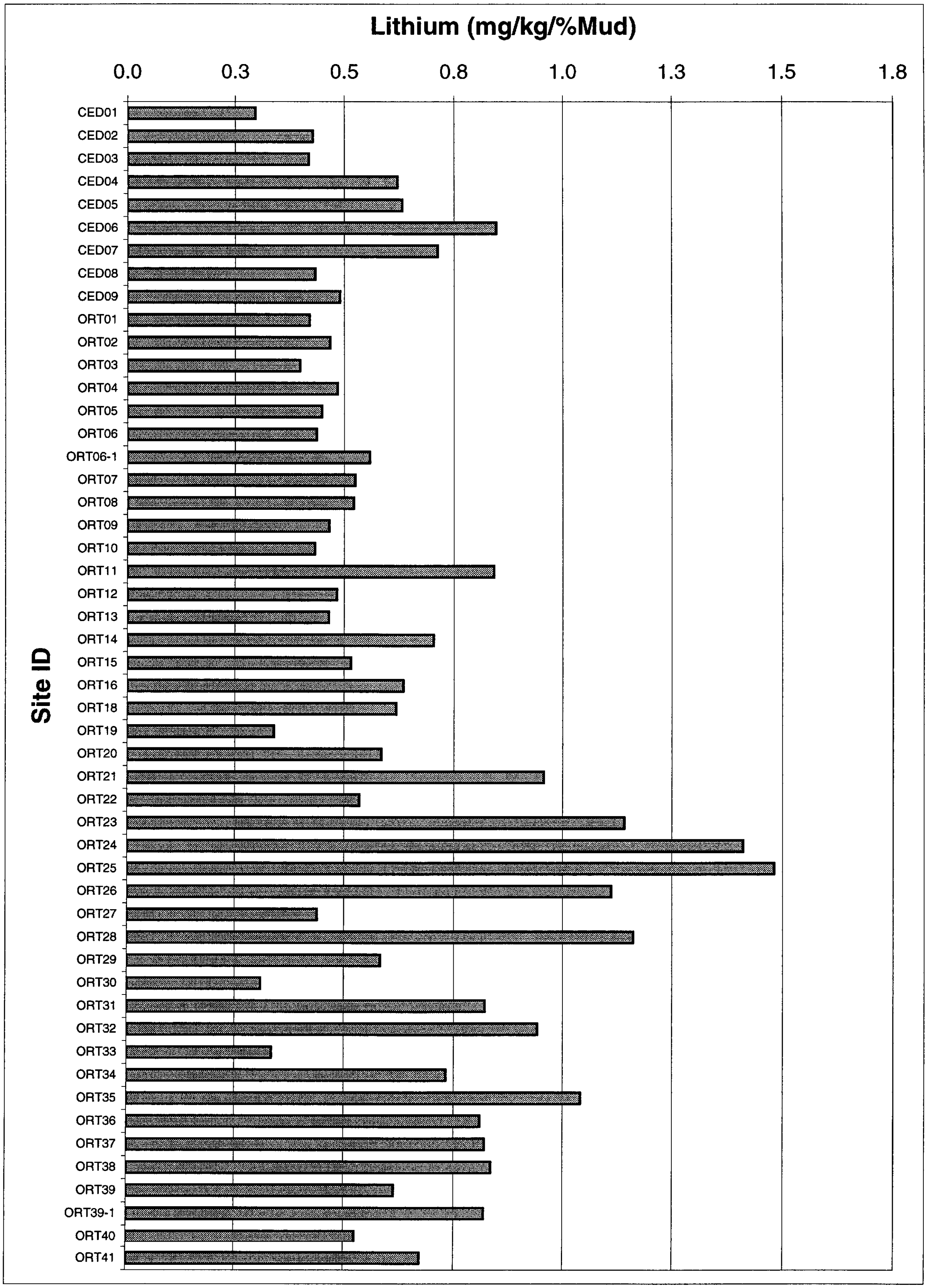

Cobalt (mg/kg/%Mud)
0.00
0.05
0.10
0.15
0.20
0.25
0.30
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

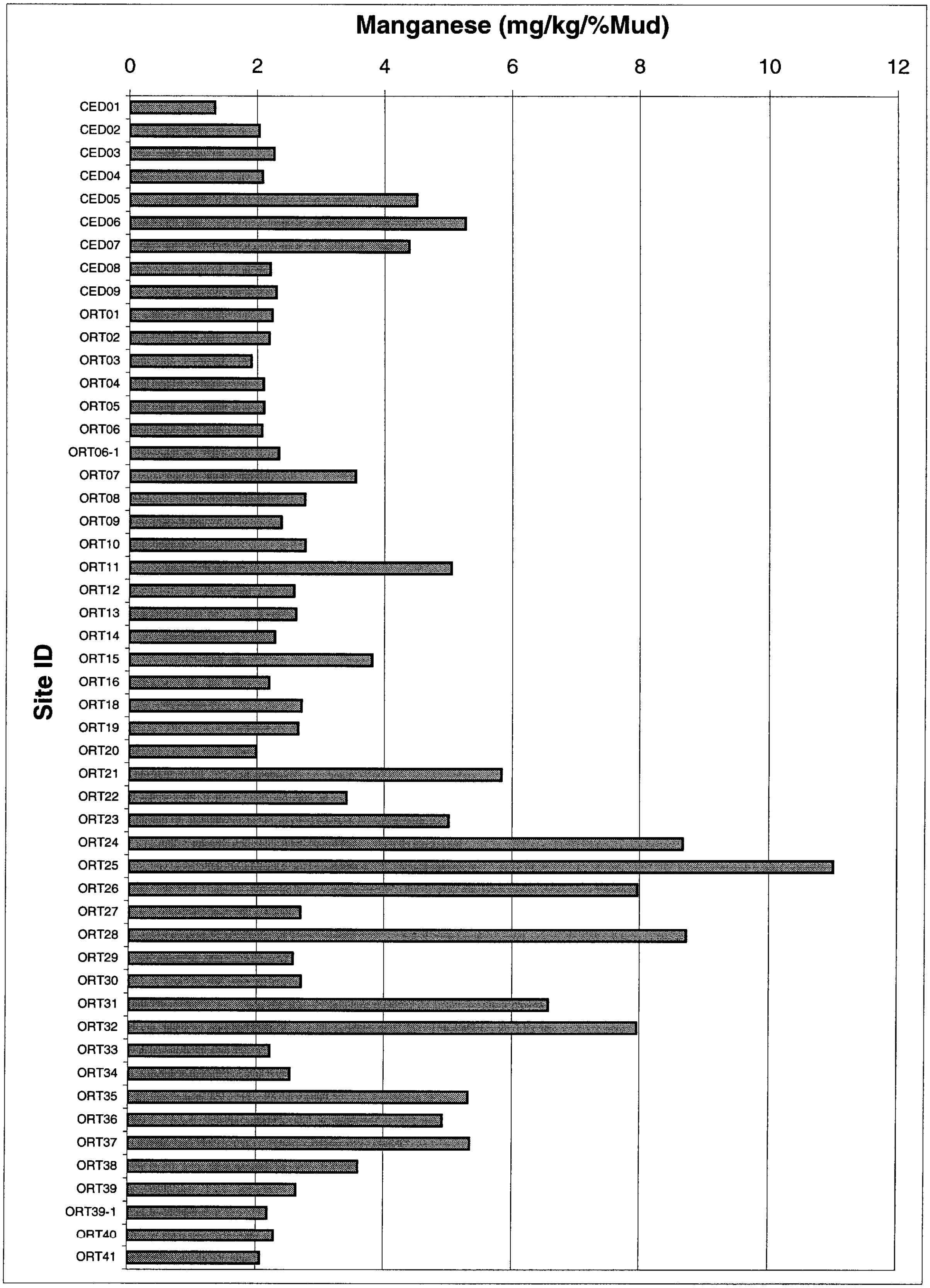

Copper (mg/kg/%Mud)
0
1
2
3
4
5
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41



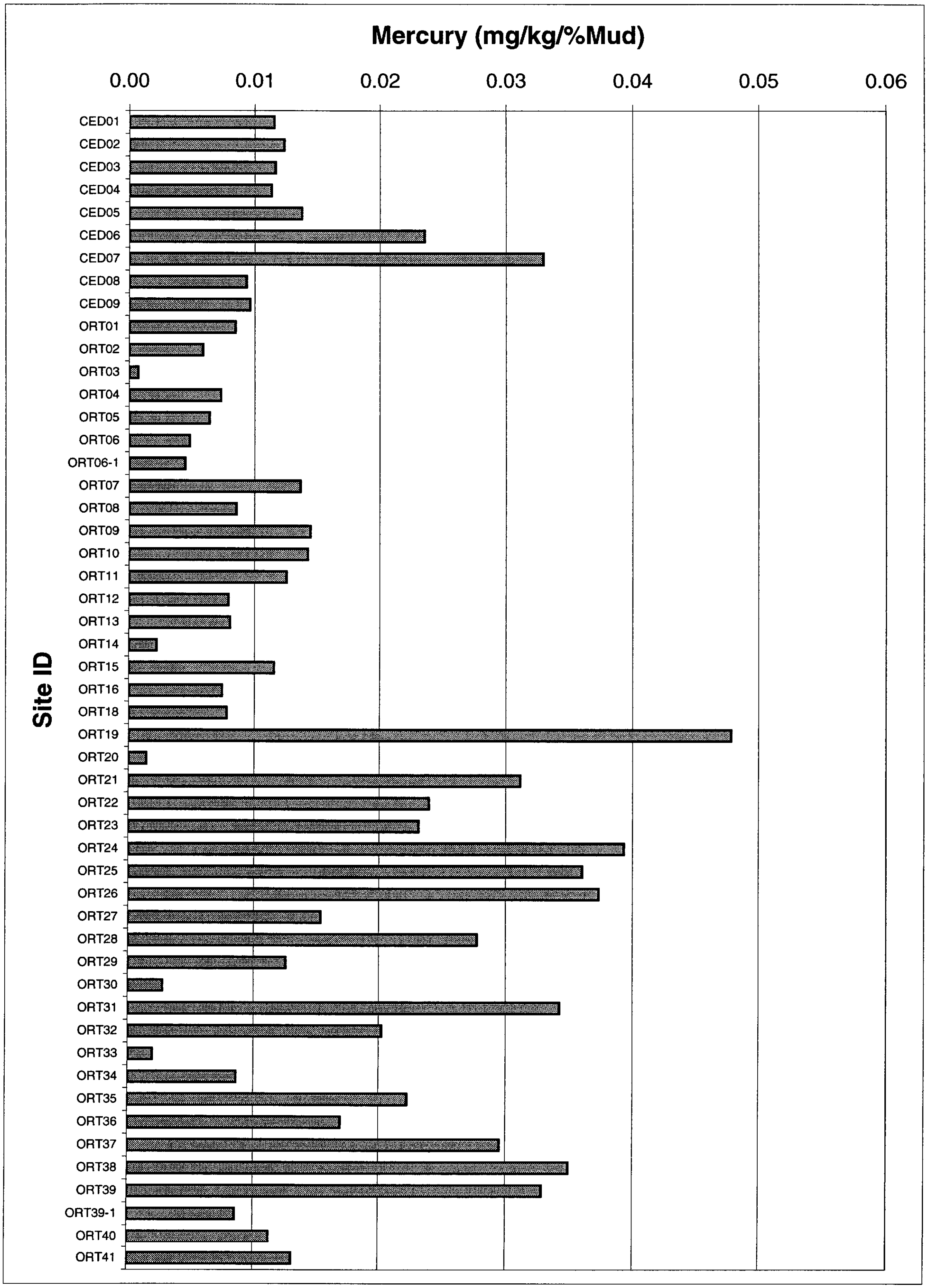
Iron (mg/kg/%Mud)
0
250
500
750
1000
1250
1500
1750
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41


Lead (mg/kg/%Mud)
0
2
4
6
8
10
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

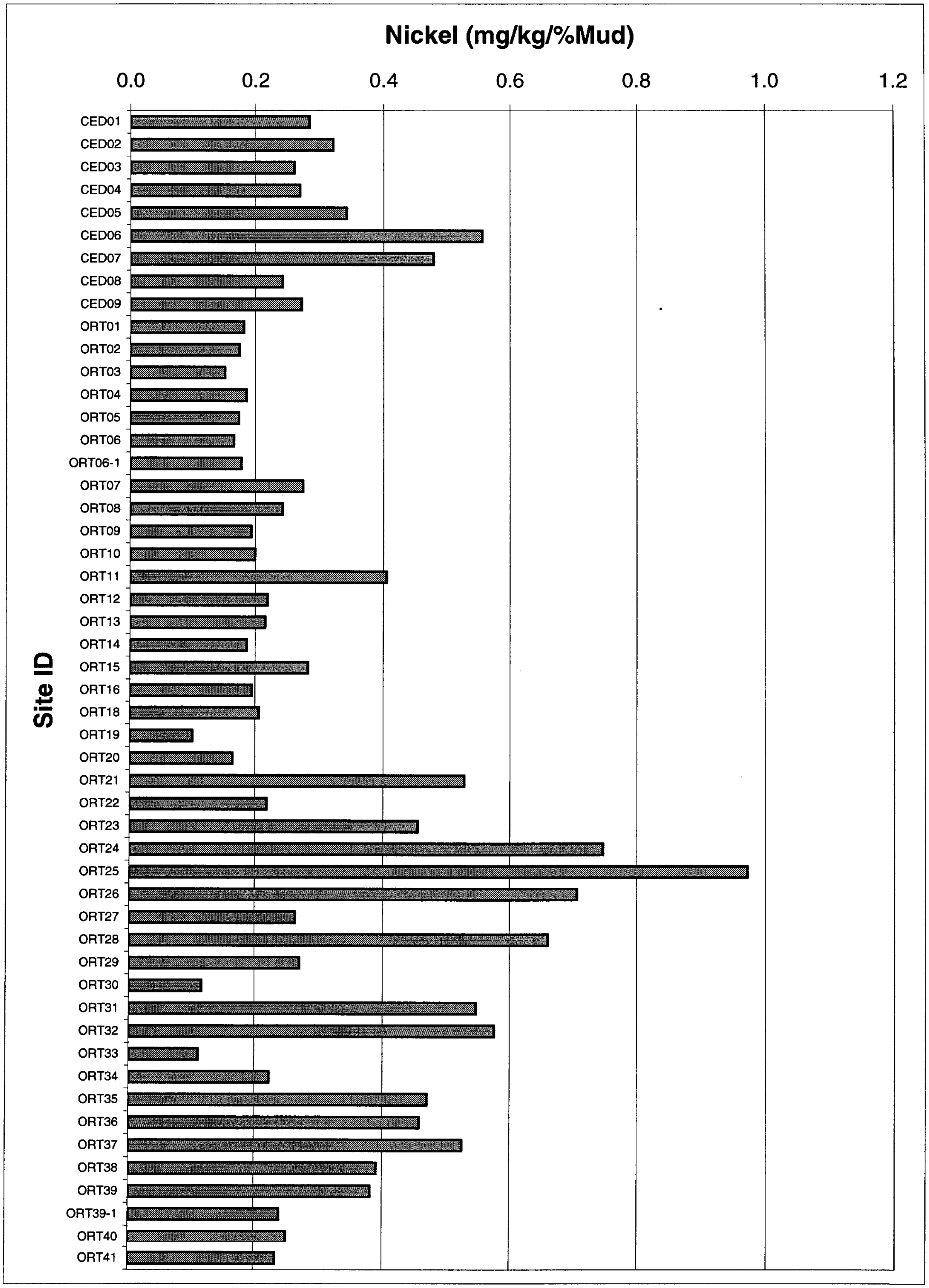

Lithium (mg/kg/%Mud)
0.0
0.3
0.5
0.8
1.0
1.3
1.5
1.8
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

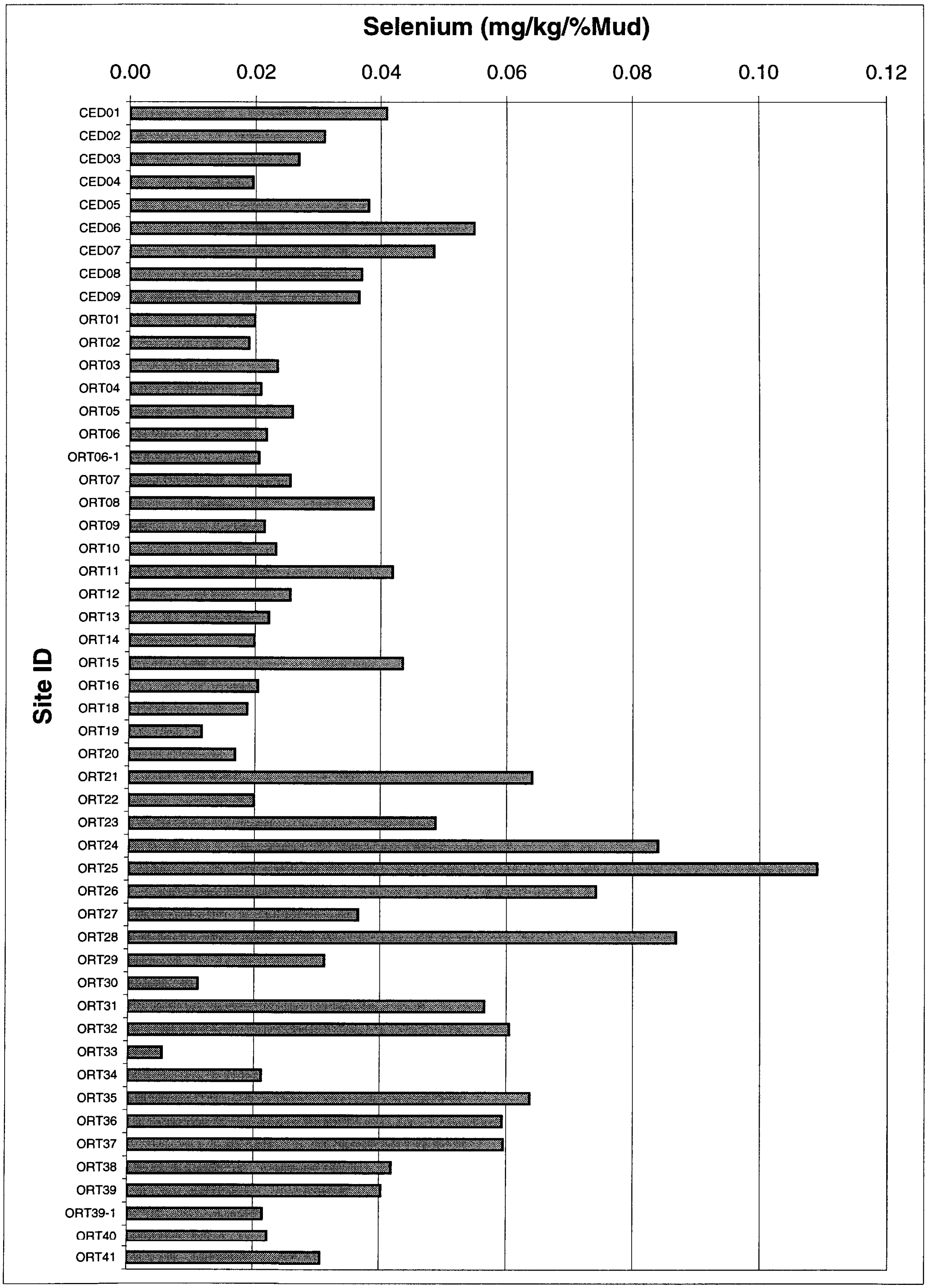


Manganese (mg/kg/%Mud)
0
2
4
6
8
10
12
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

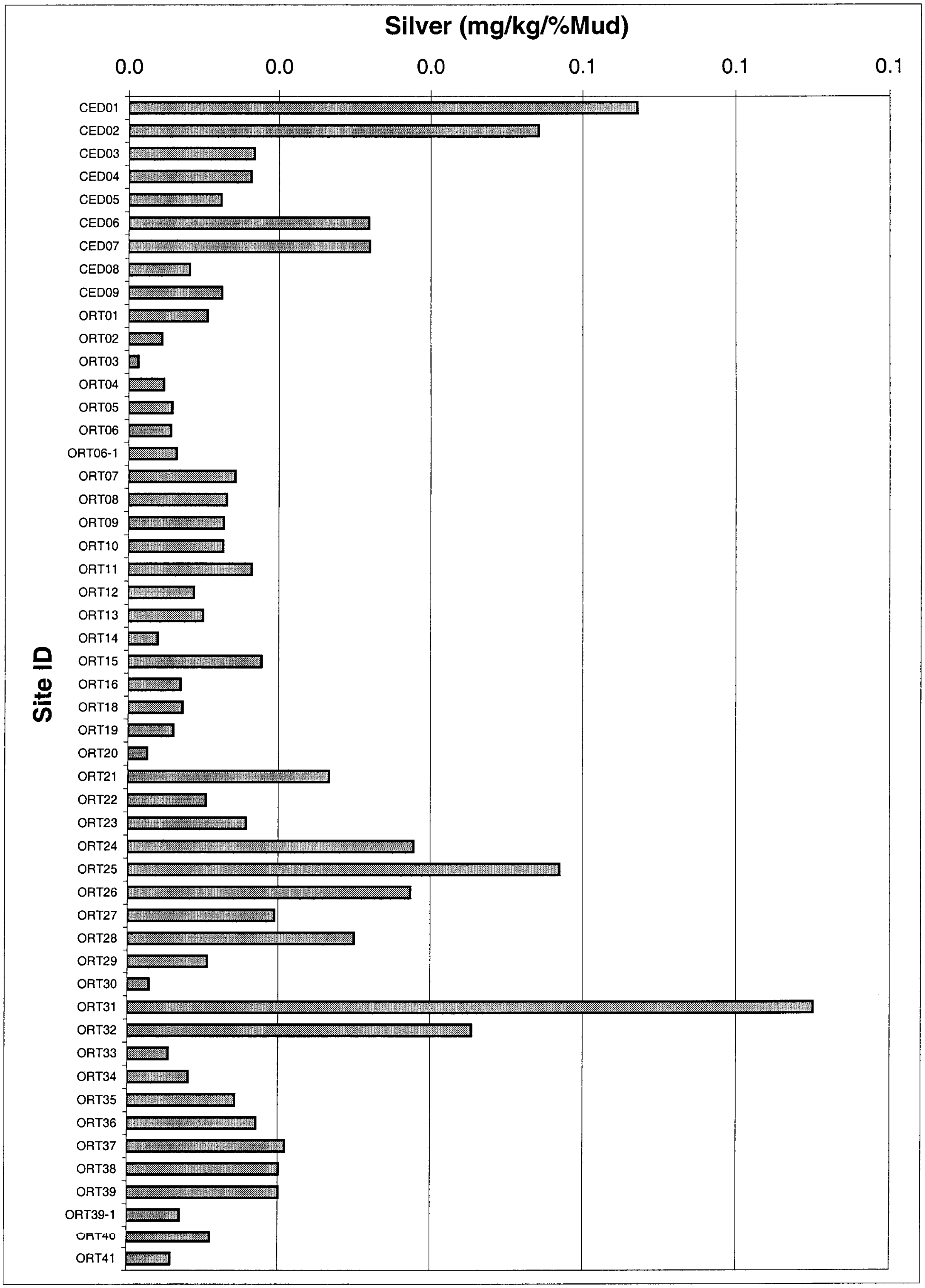


Mercury (mg/kg/%Mud)
0.00
0.01
0.02
0.03
0.04
0.05
0.06
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

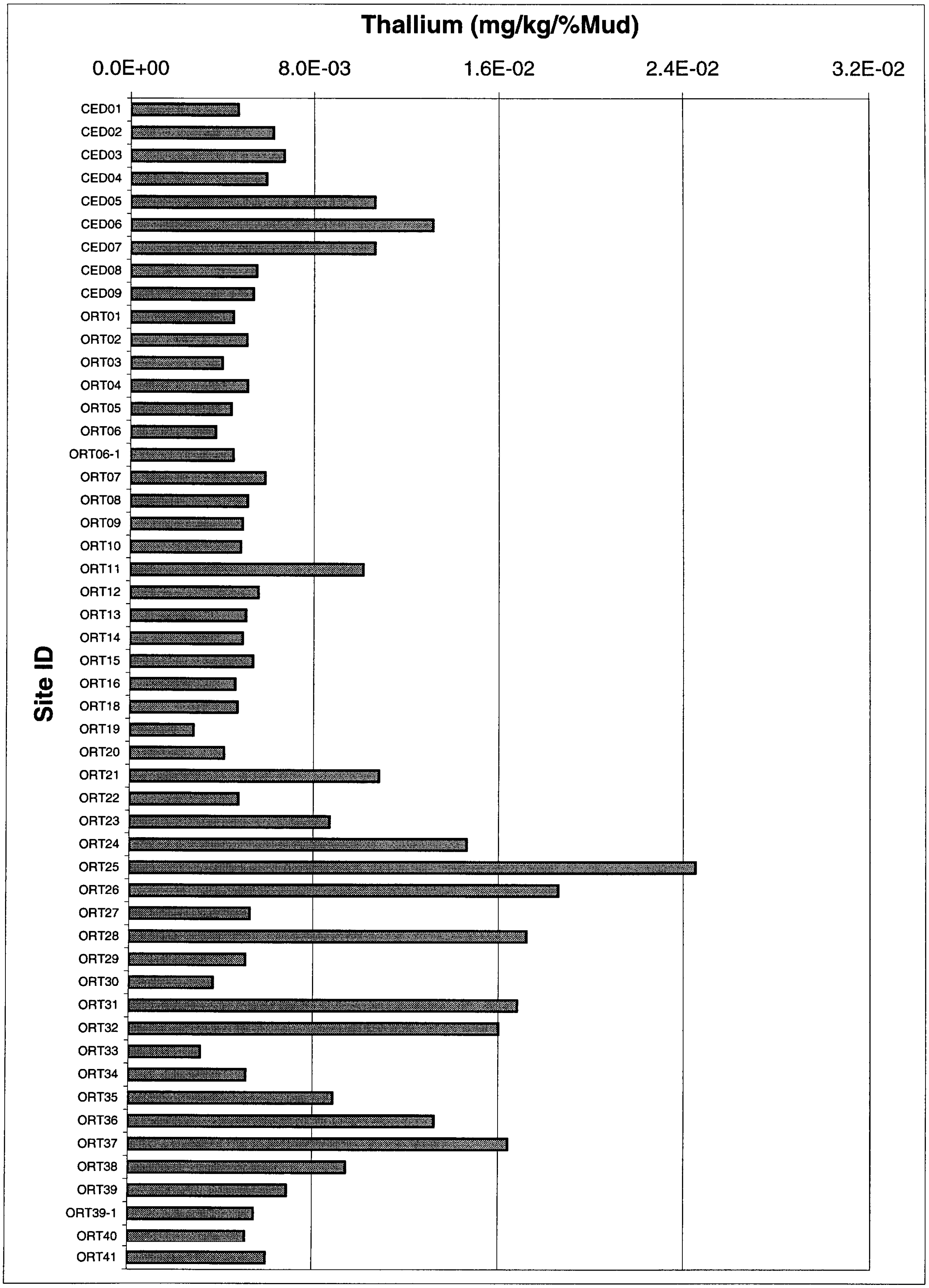

Nickel (mg/kg/%Mud)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41



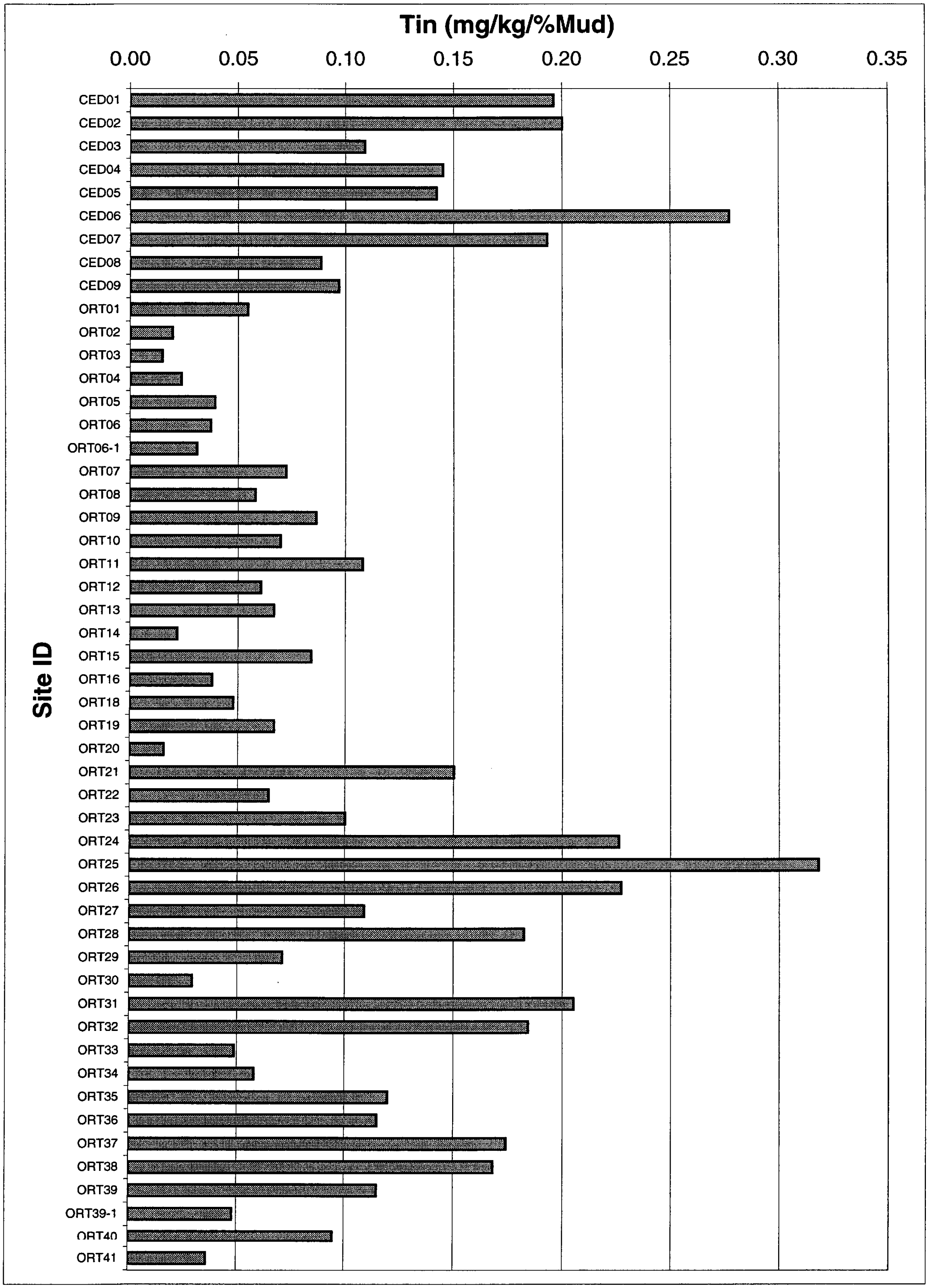
Selenium (mg/kg/%Mud)
0.00
0.02
0.04
0.06
0.08
0.10
0.12
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41



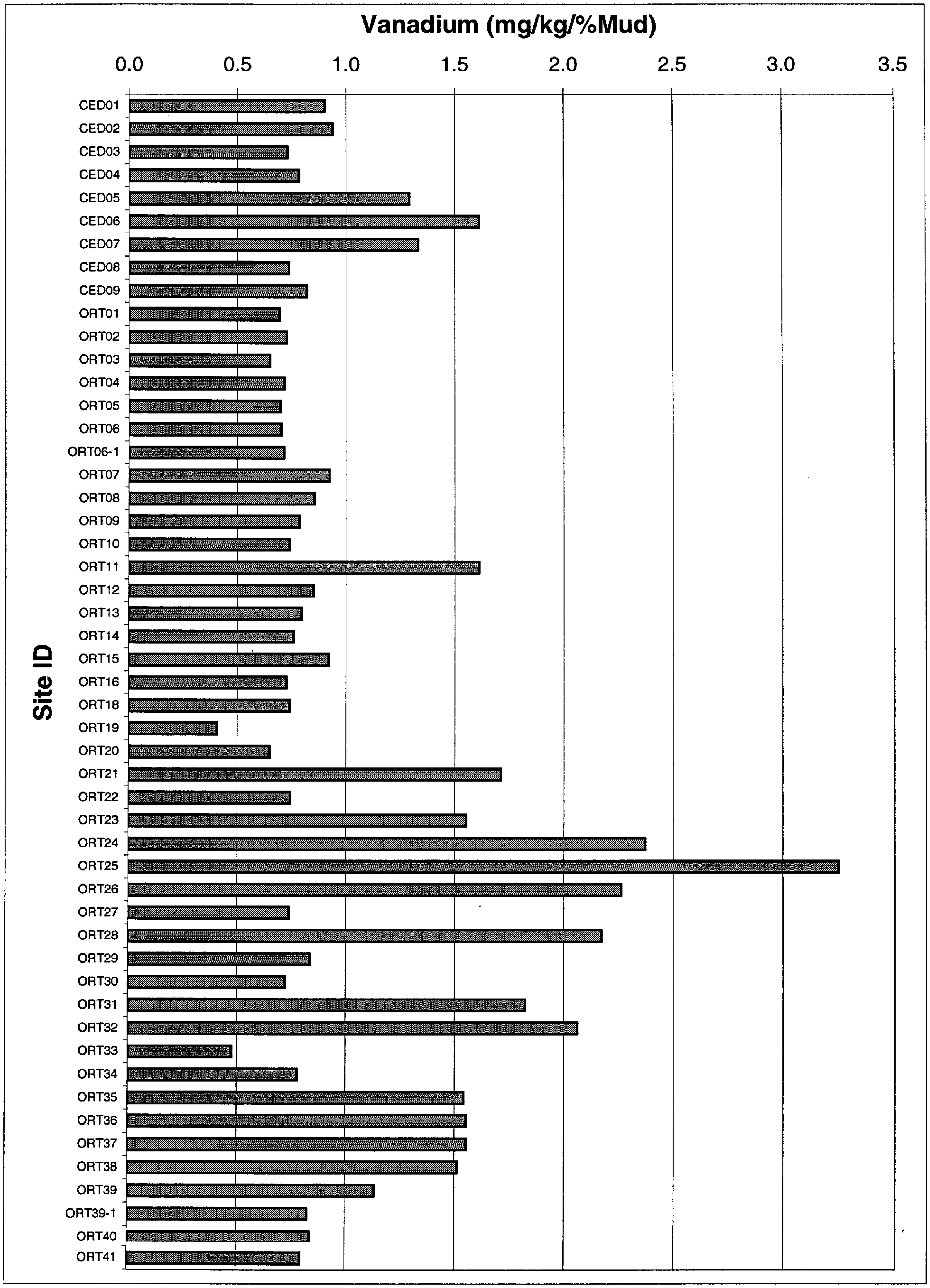
Silver (mg/kg/%Mud)
0.0
0.0
0.0
0.1
0.1
0.1
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41



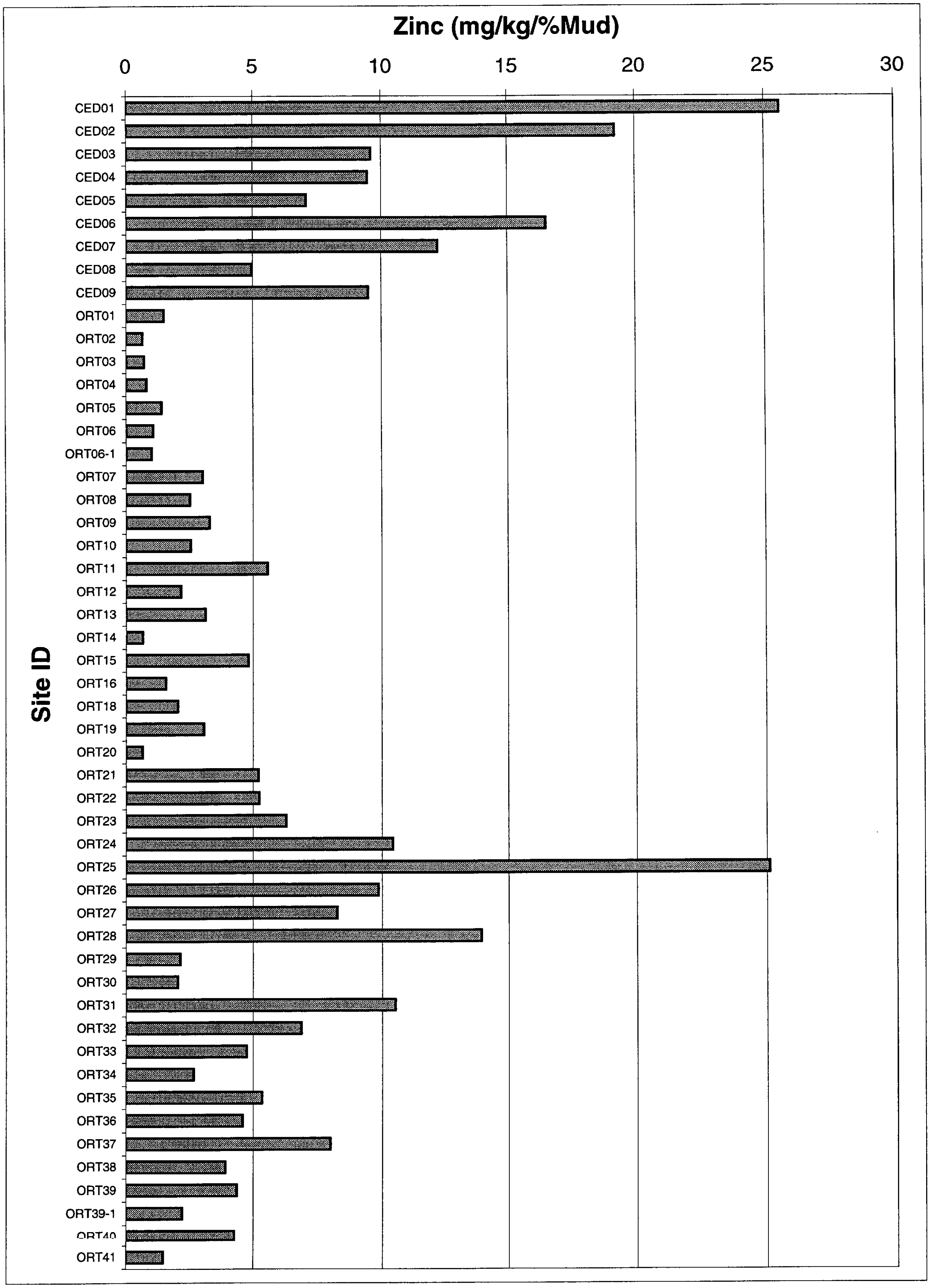
Thallium (mg/kg/%Mud)
0.0E+00
8.0E-03
1.6E-02
2.4E-02
3.2E-02
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41



Tin (mg/kg/%Mud)
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

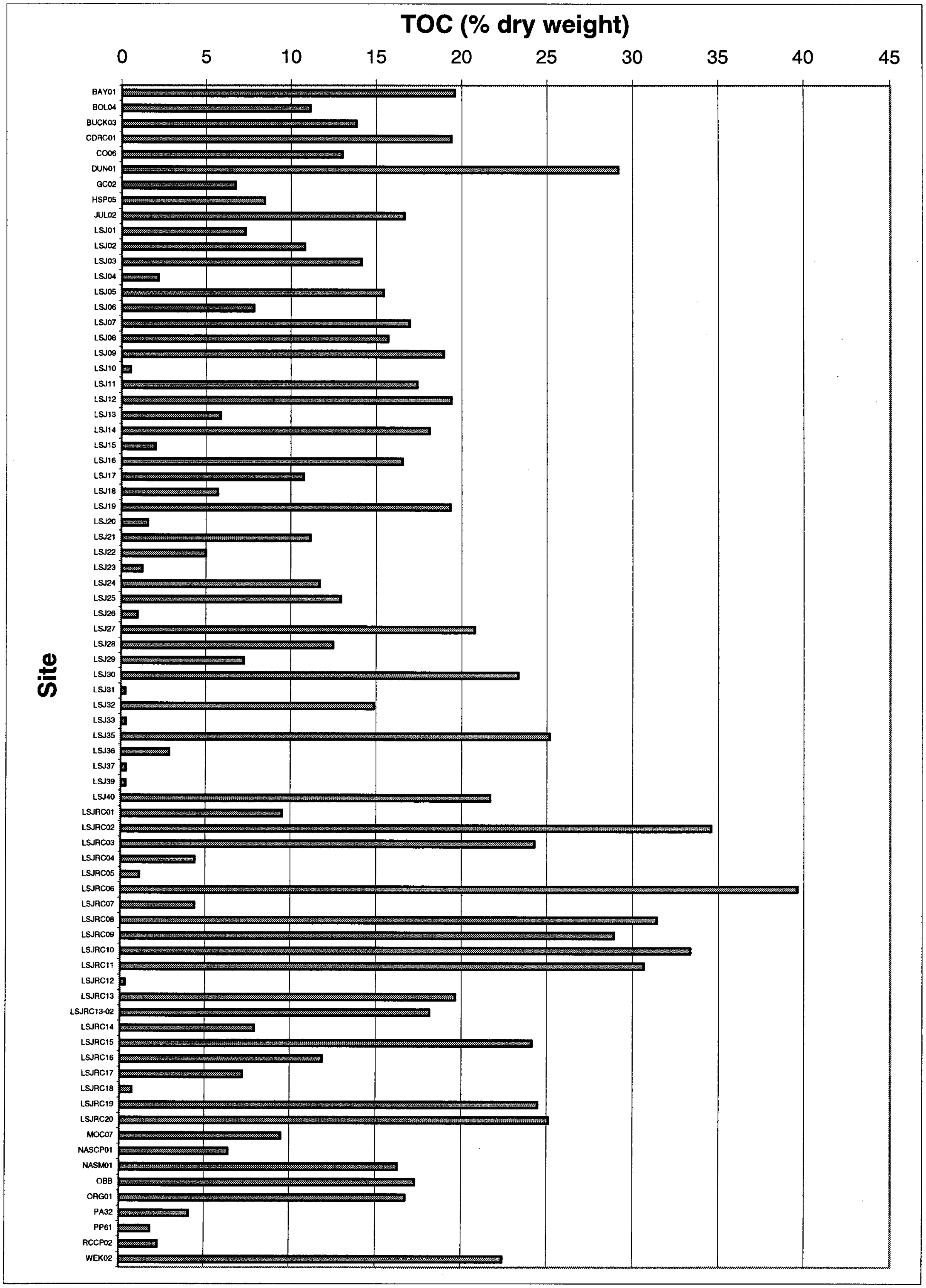


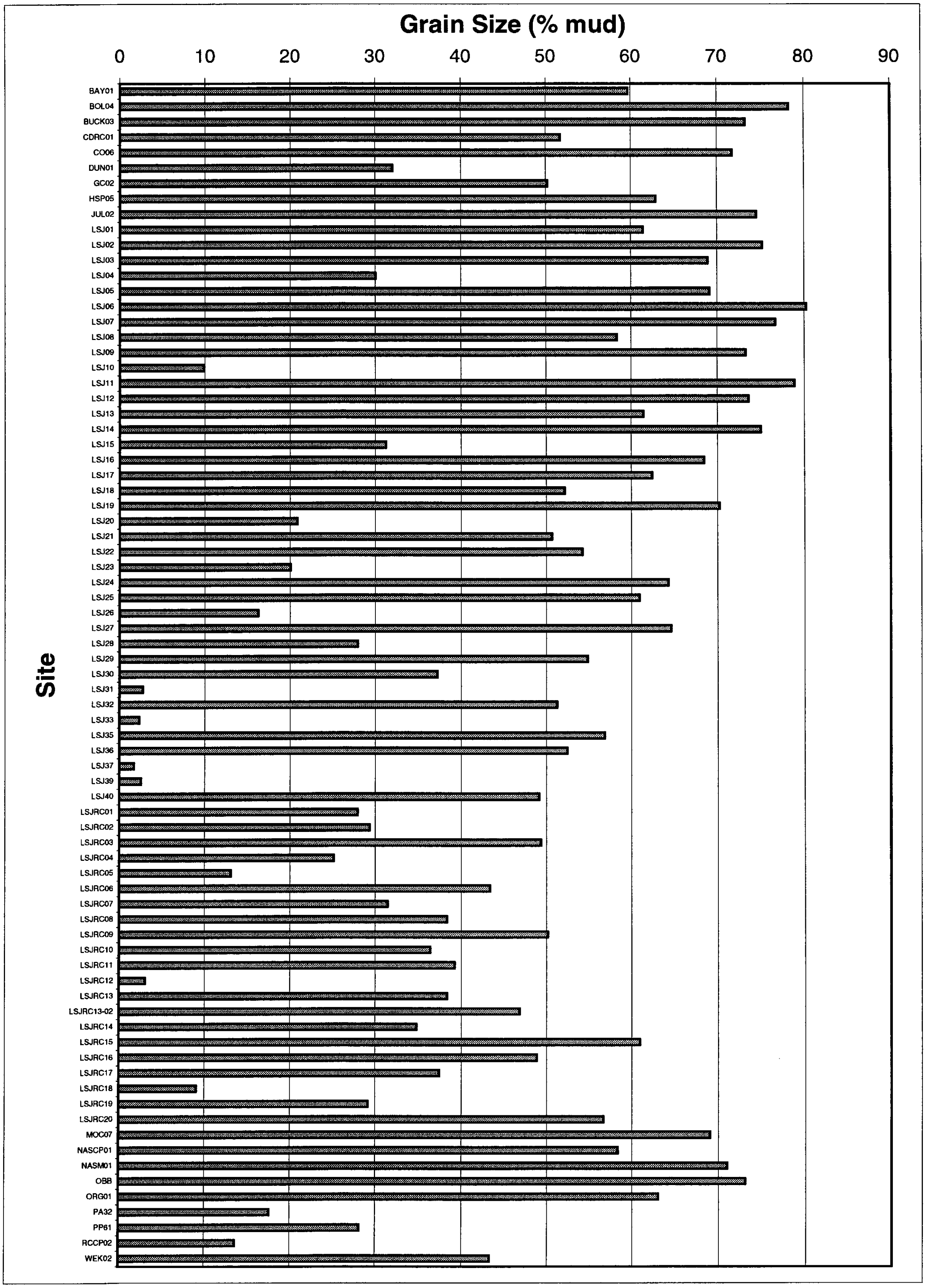
Vanadium (mg/kg/%Mud)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41



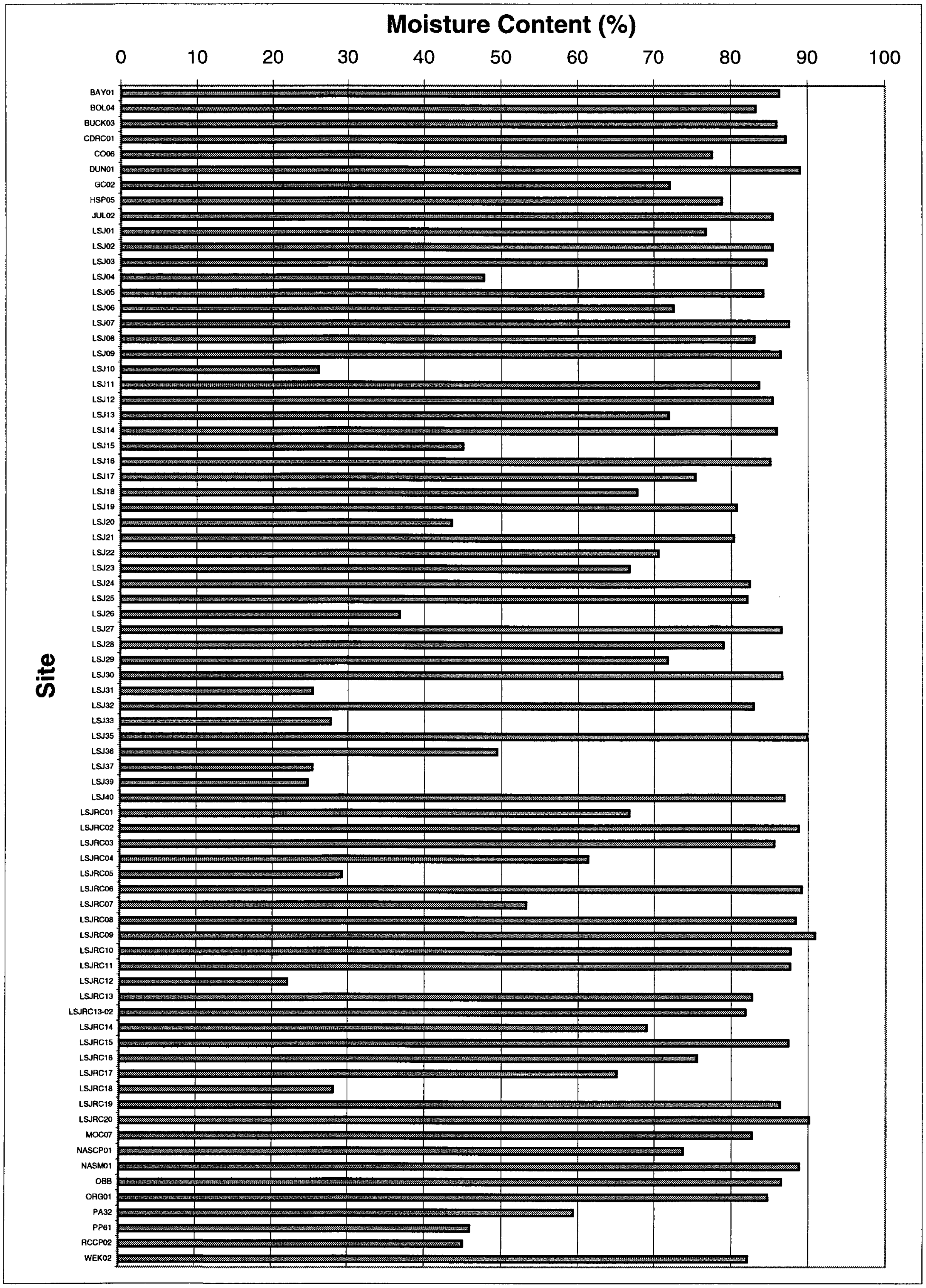
Zinc (mg/kg/%Mud)
0
5
10
15
20
25
30
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

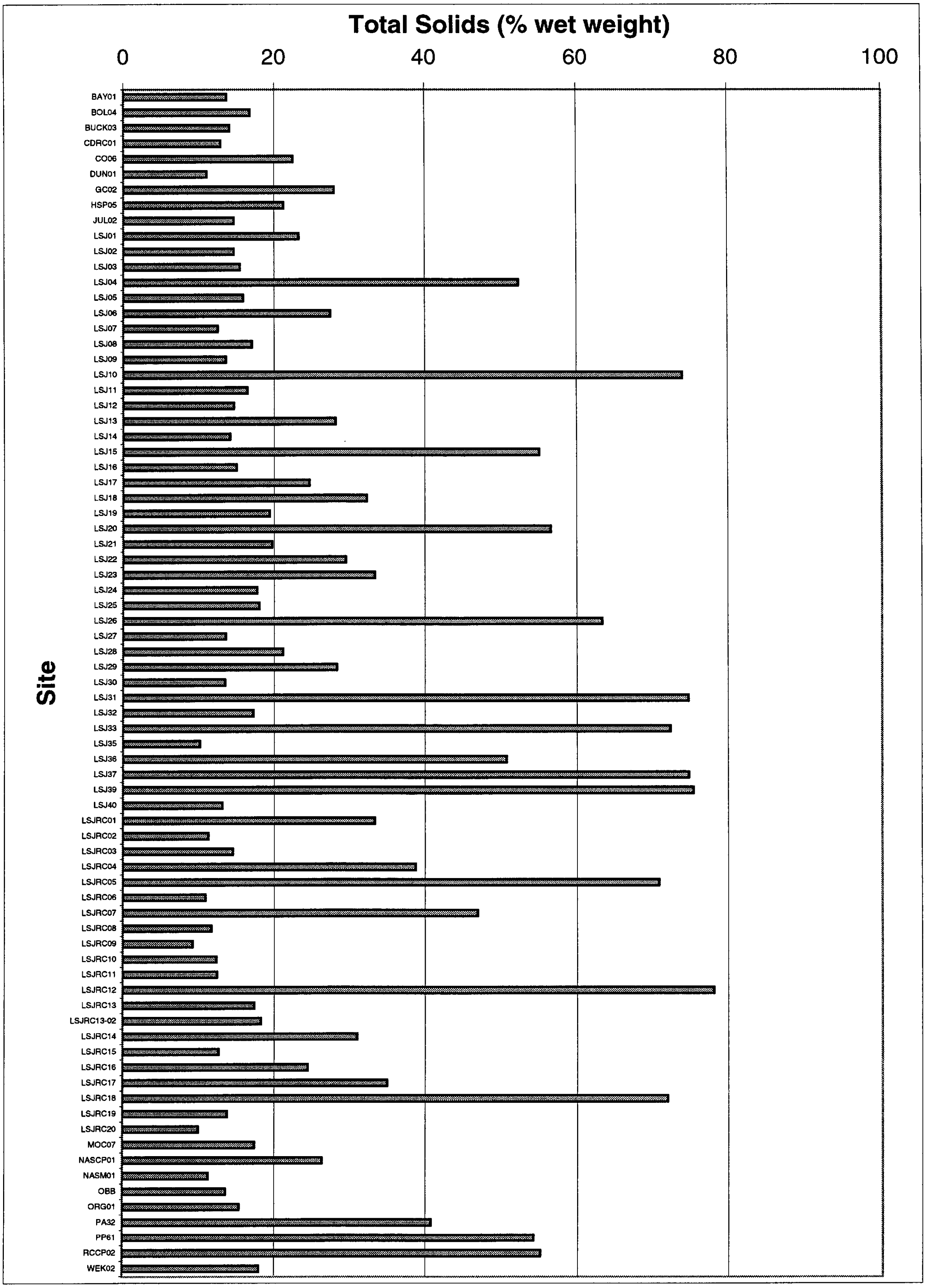
Appendix L. Charts with Ancillary Measurement Data

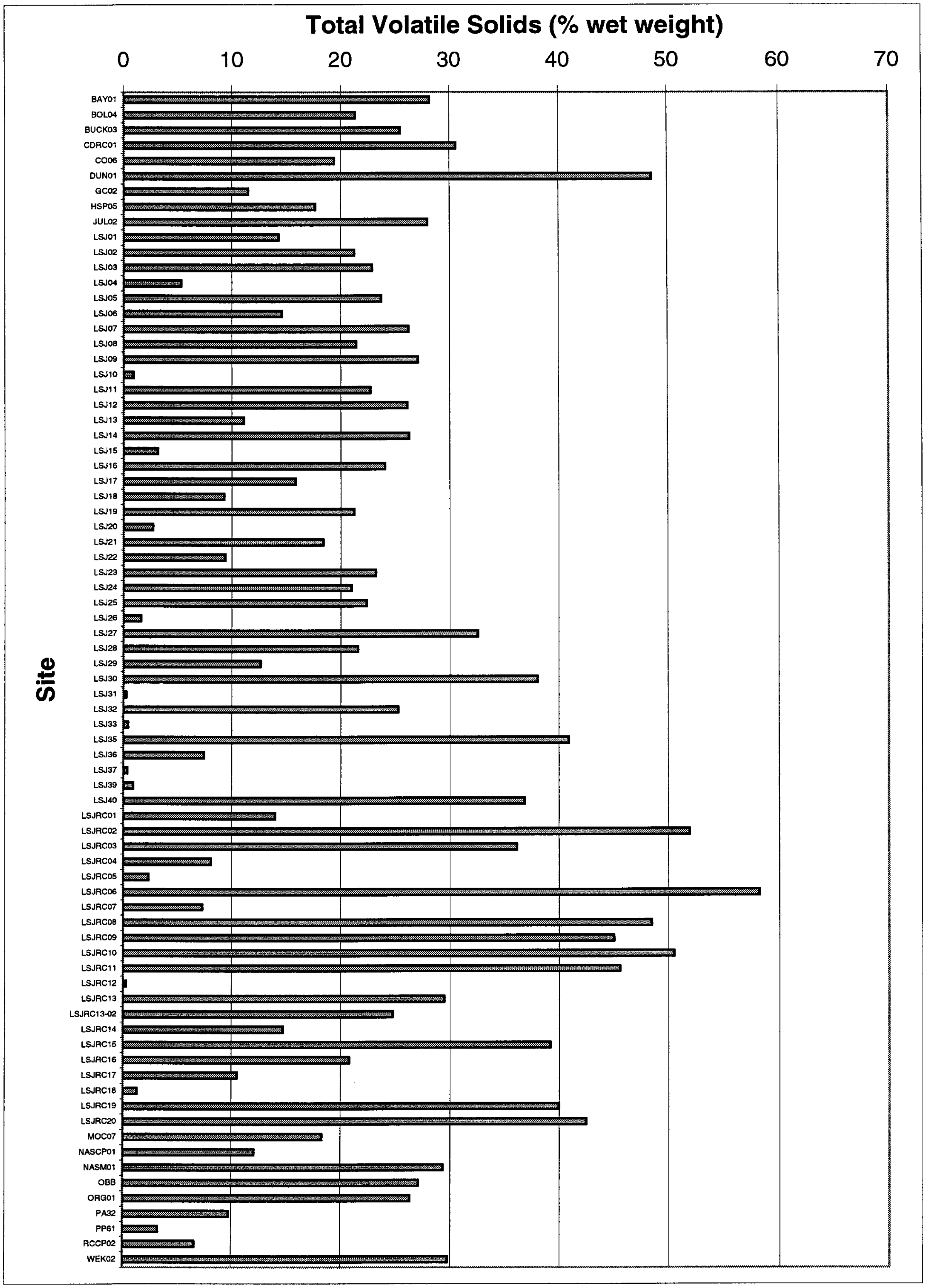

TOC (% dry weight)
0
5
10
15
20
25
30
35
40
45
Site
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



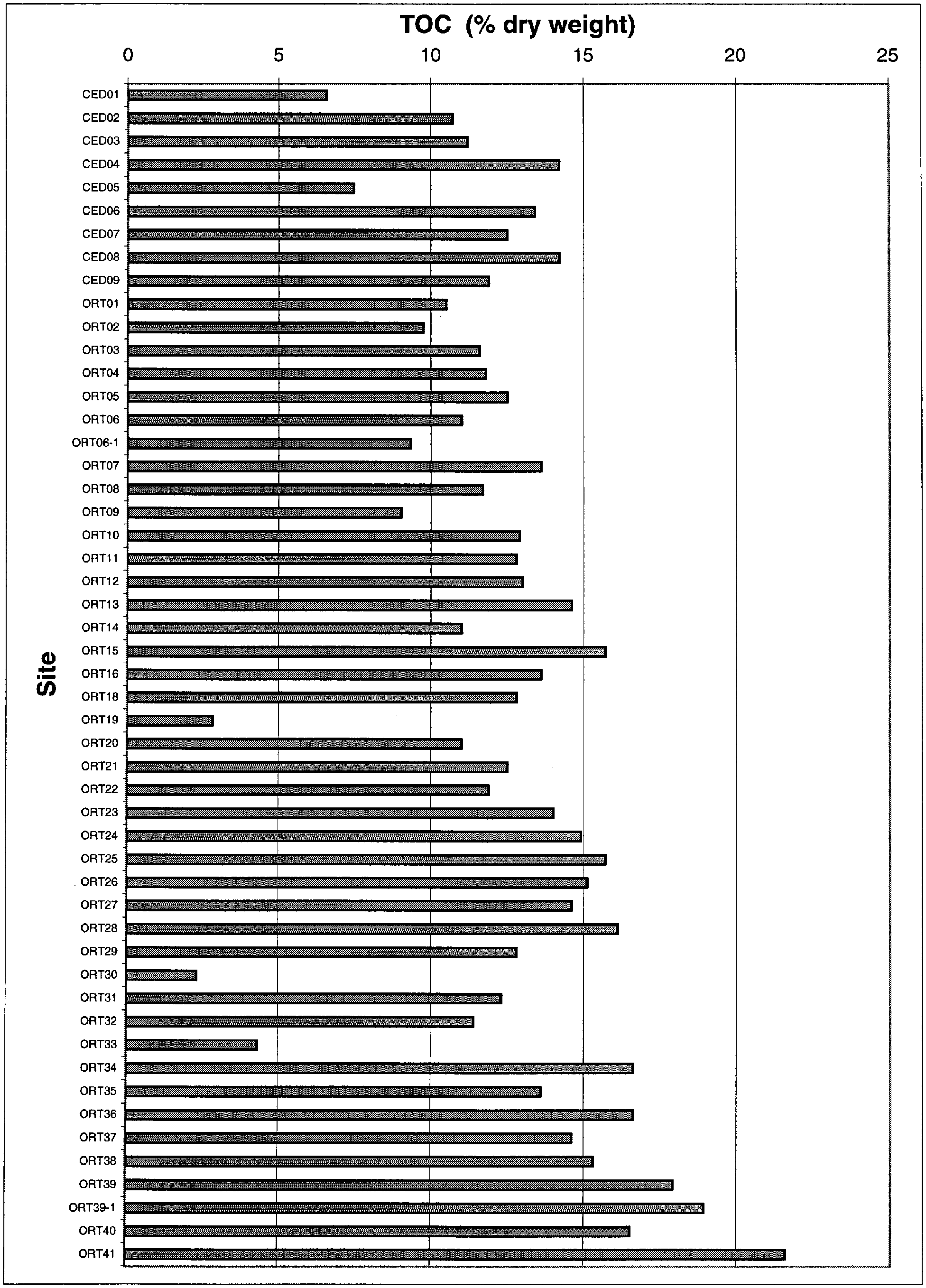
Grain Size (% mud)
0
10
20
30
40
50
60
70
80
90
Site
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02


Moisture Content (%)
0
10
20
30
40
50
60
70
80
90
100
Site
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

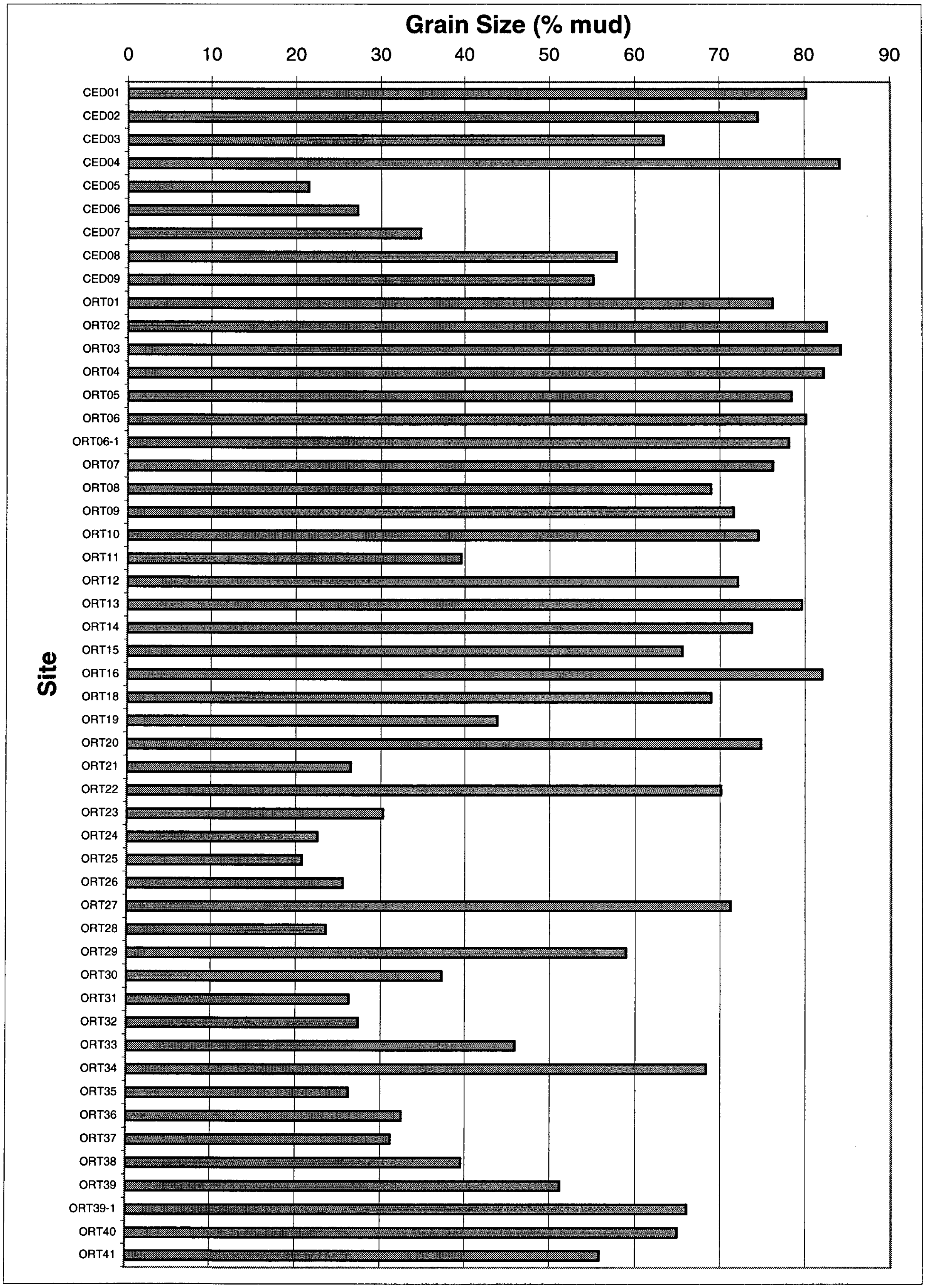

Total Solids (% wet weight)
0
20
40
60
80
100
Site
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



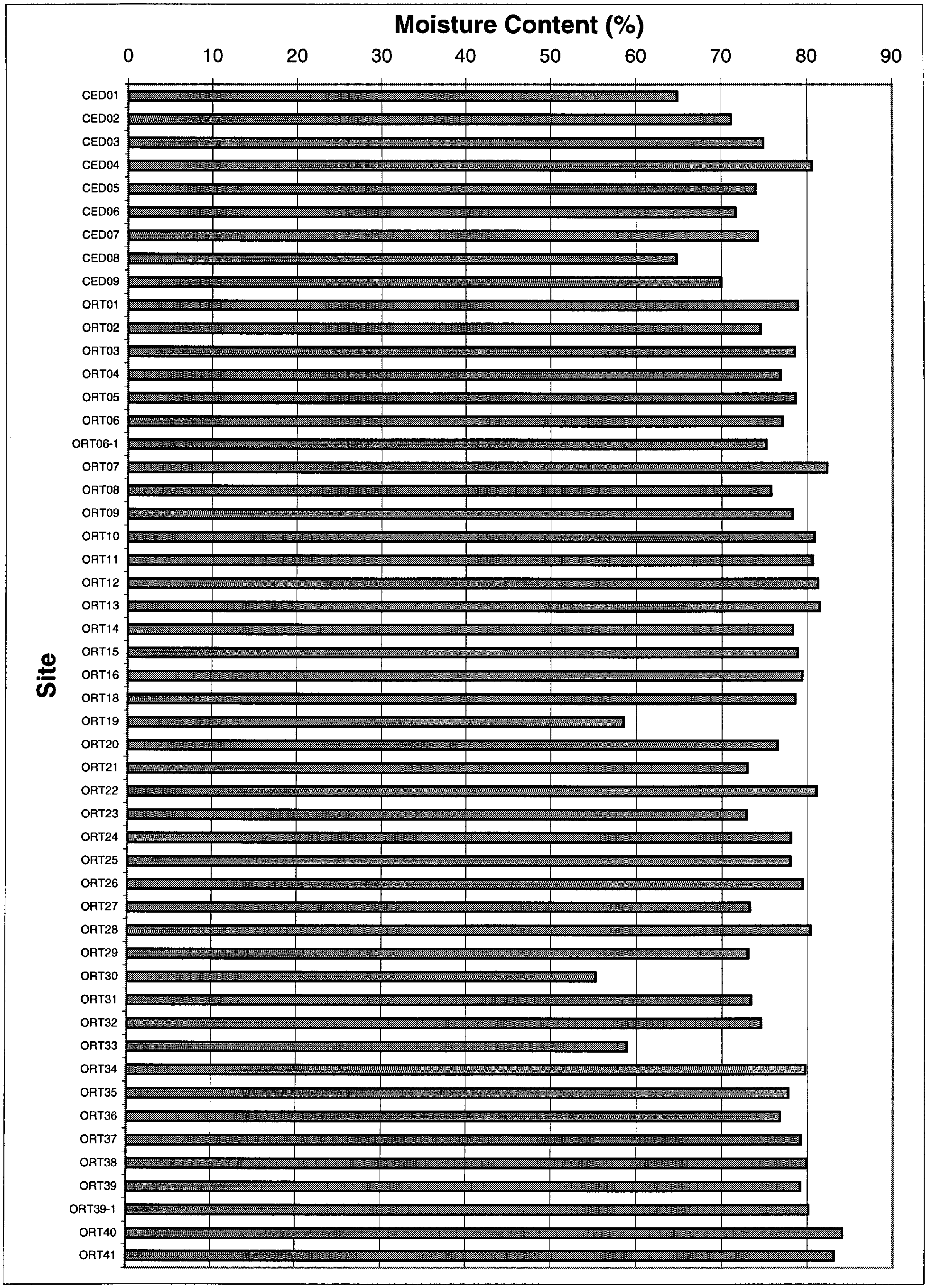
Total Volatile Solids (% wet weight)
0
10
20
30
40
50
60
70
Site
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



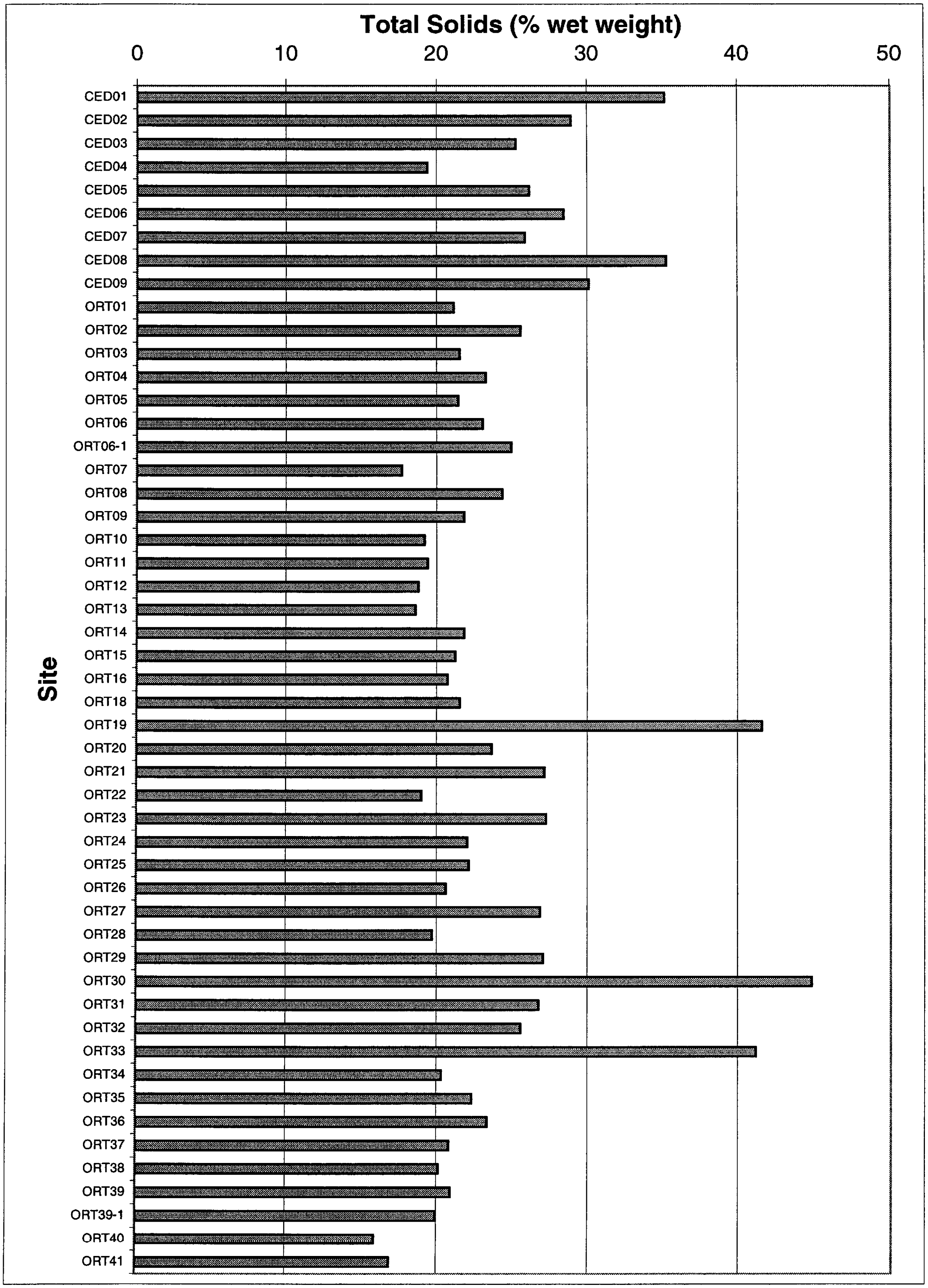
TOC (% dry weight)
0
5
10
15
20
25
Site
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41



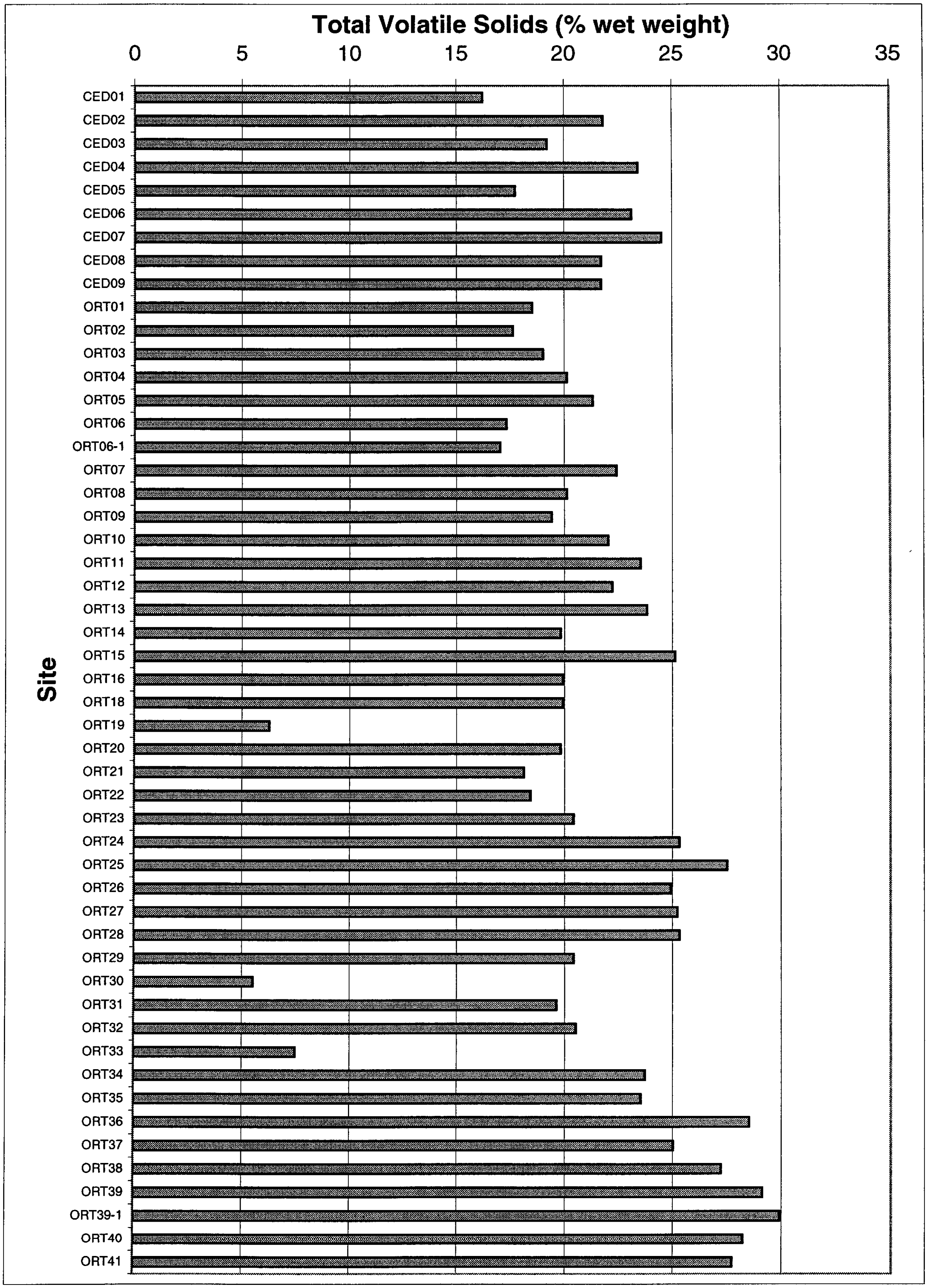
Grain Size (% mud)
0
10
20
30
40
50
60
70
80
90
Site
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41



Moisture Content (%)
0
10
20
30
40
50
60
70
80
90
Site
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

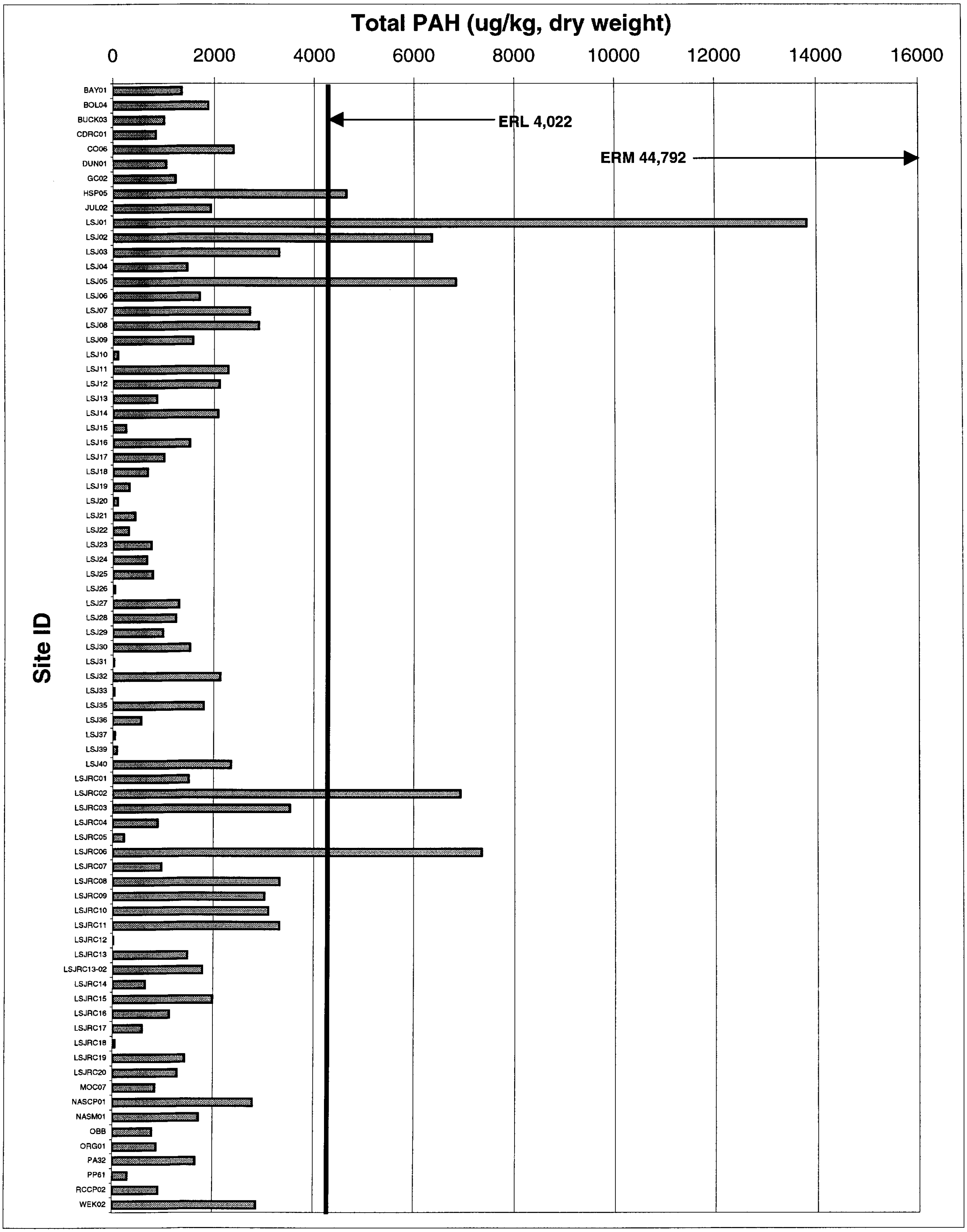


Total Solids (% wet weight)
0
10
20
30
40
50
Site
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

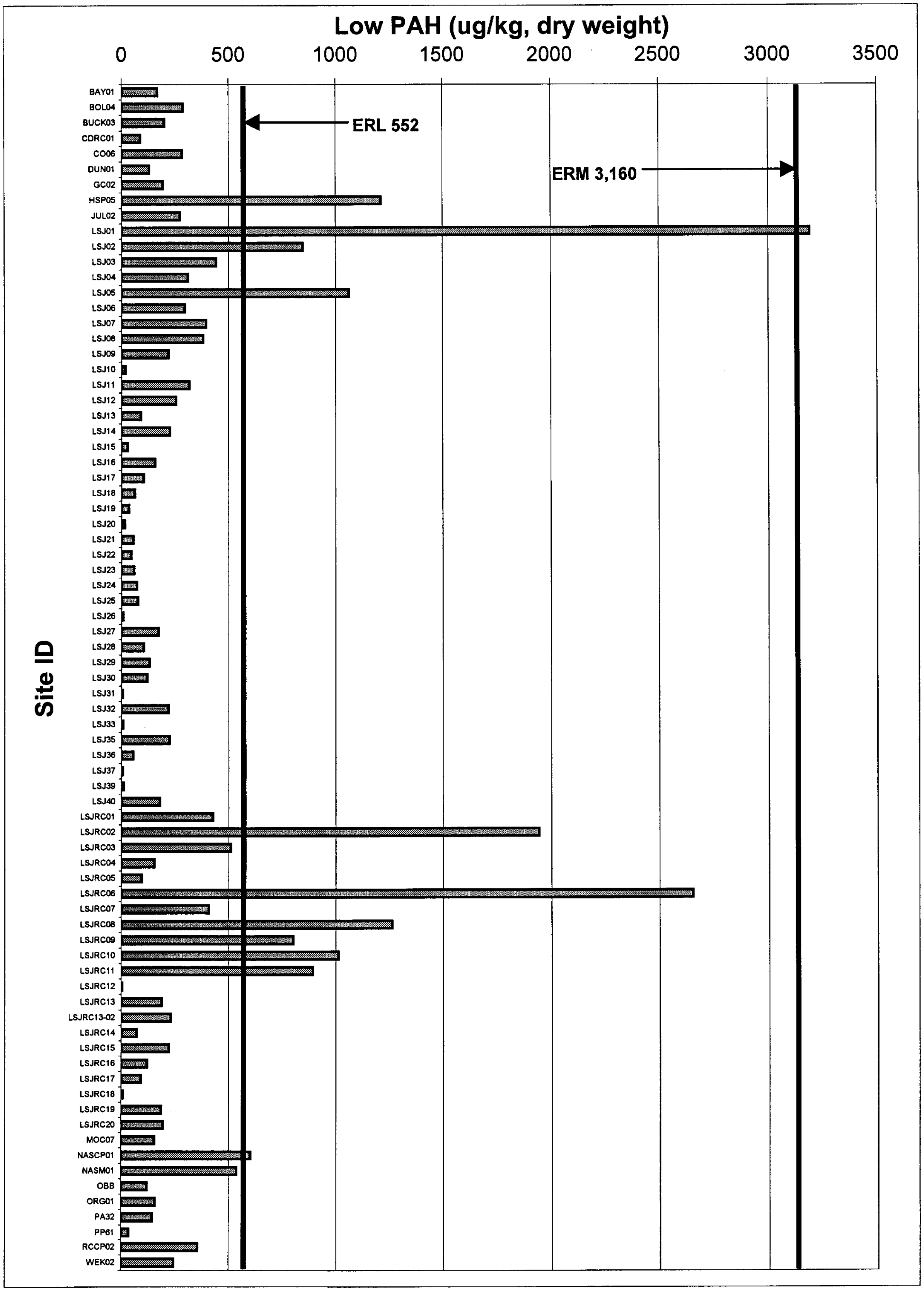


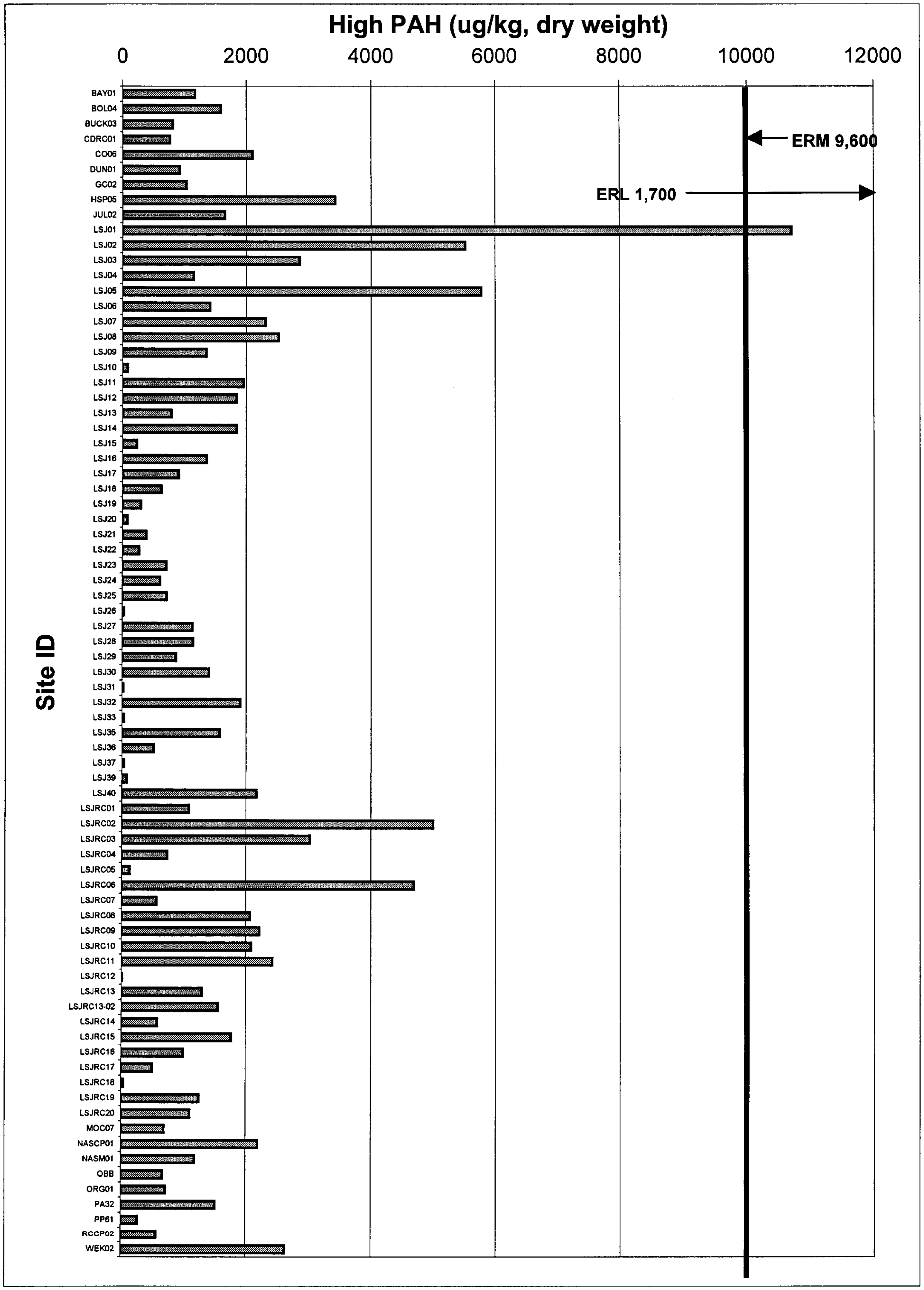
Total Volatile Solids (% wet weight)
0
5
10
15
20
25
30
35
Site
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

Appendix M. Charts with Contaminant Levels versus ERL, ERM, TEL, and PEL Values

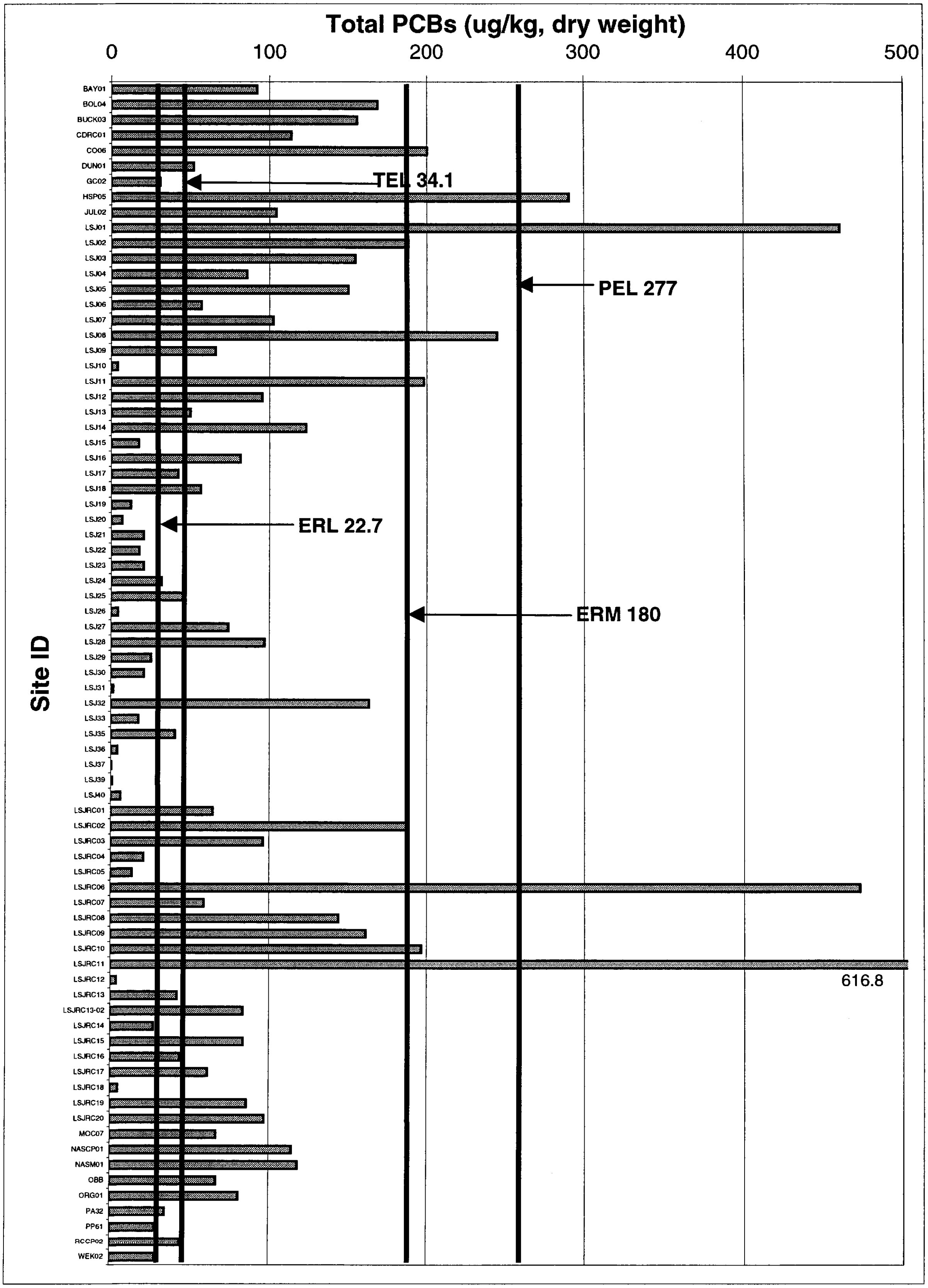


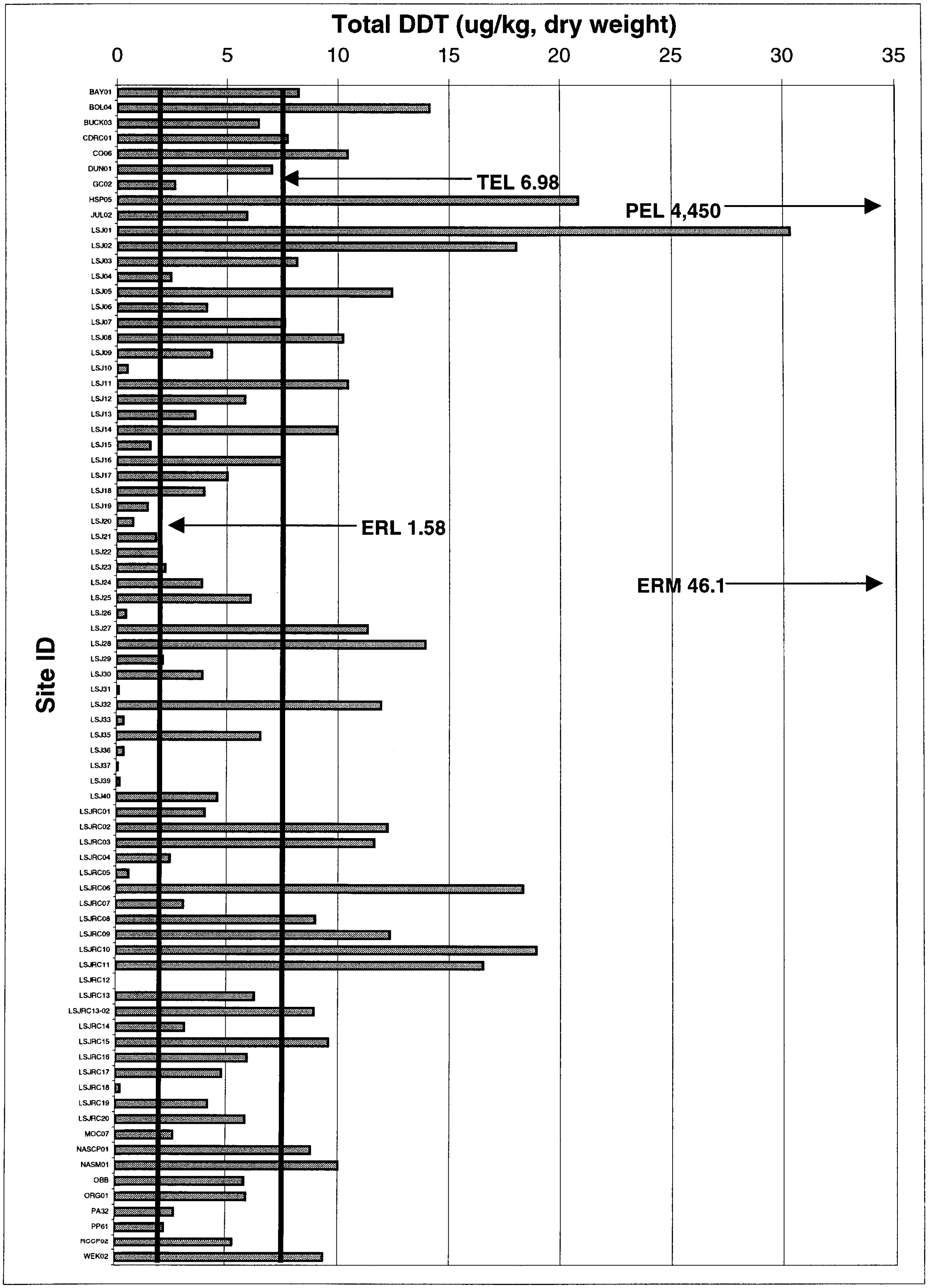
Total PAH (ug/kg, dry weight)
0
2000
4000
6000
8000
10000
12000
14000
16000
ERL 4,022
ERM 44,792
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02


Low PAH (ug/kg, dry weight)
0
500
1000
1500
2000
2500
3000
3500
Site ID
ERL 552
ERM 3,160
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

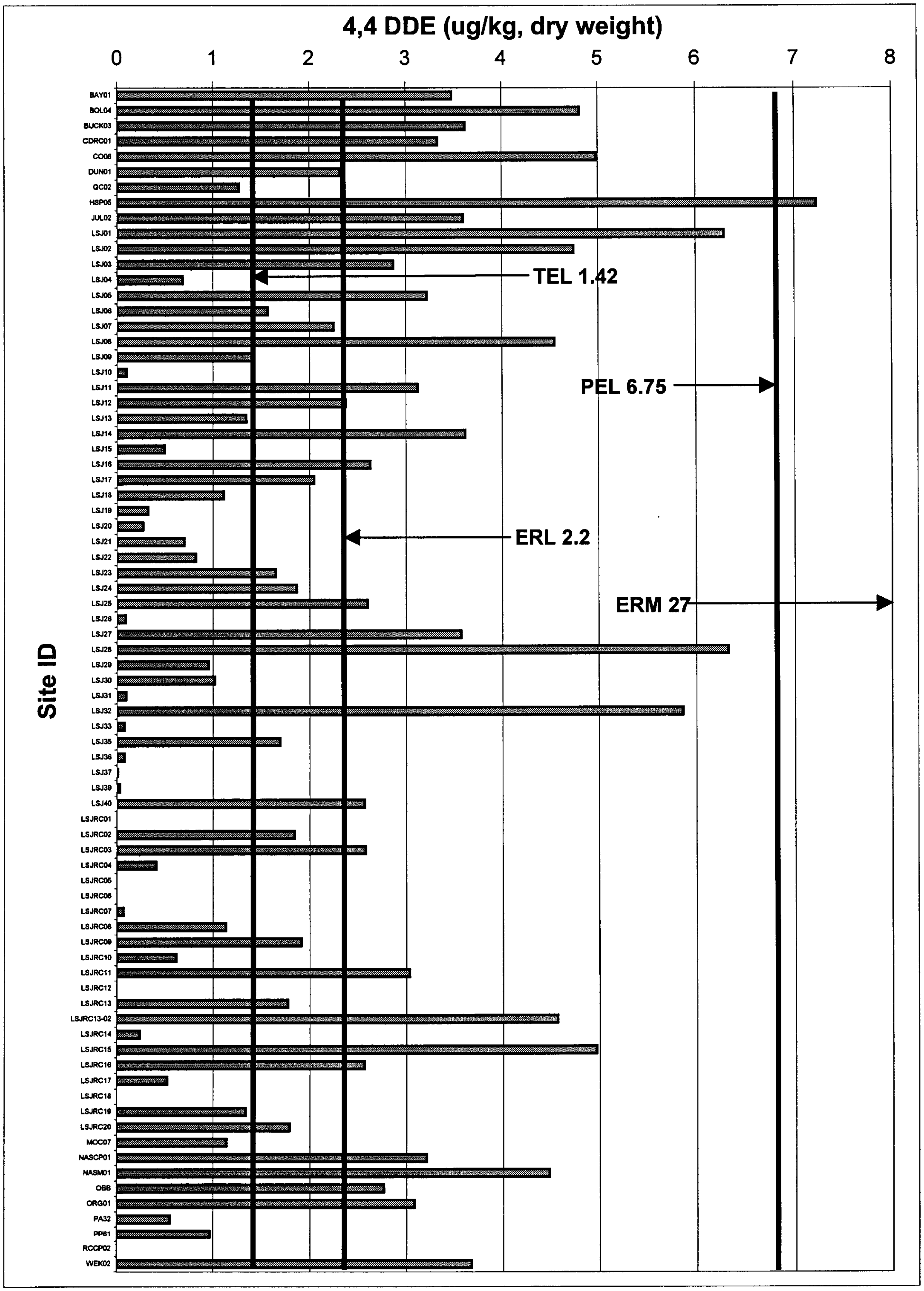


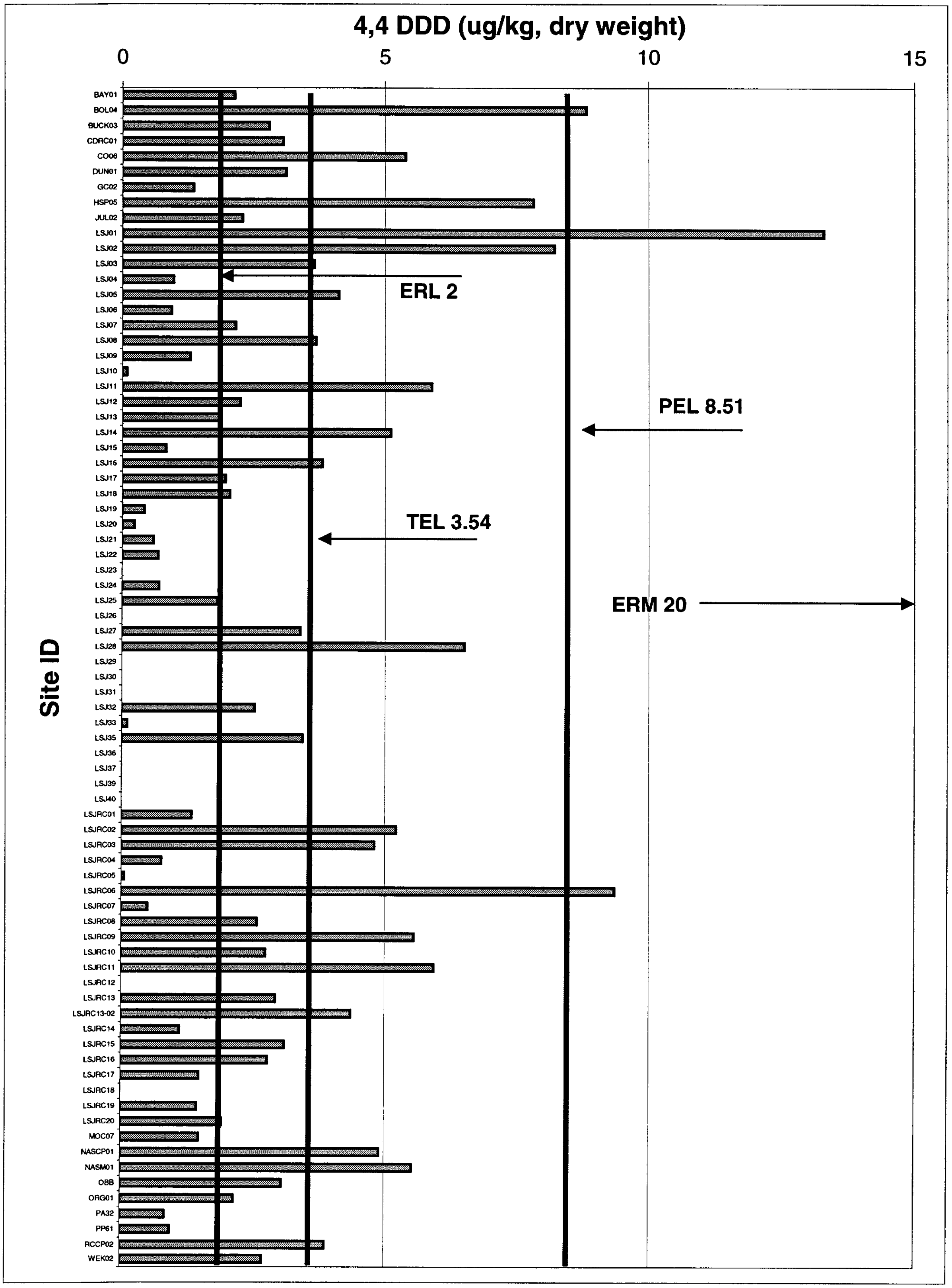
High PAH (ug/kg, dry weight)
0
2000
4000
6000
8000
10000
12000
ERM 9,600
ERL 1,700
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02


Total PCBs (ug/kg, dry weight)
0
100
200
300
400
500
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02
TEL 34.1
PEL 277
ERL 22.7
ERM 180
616.8

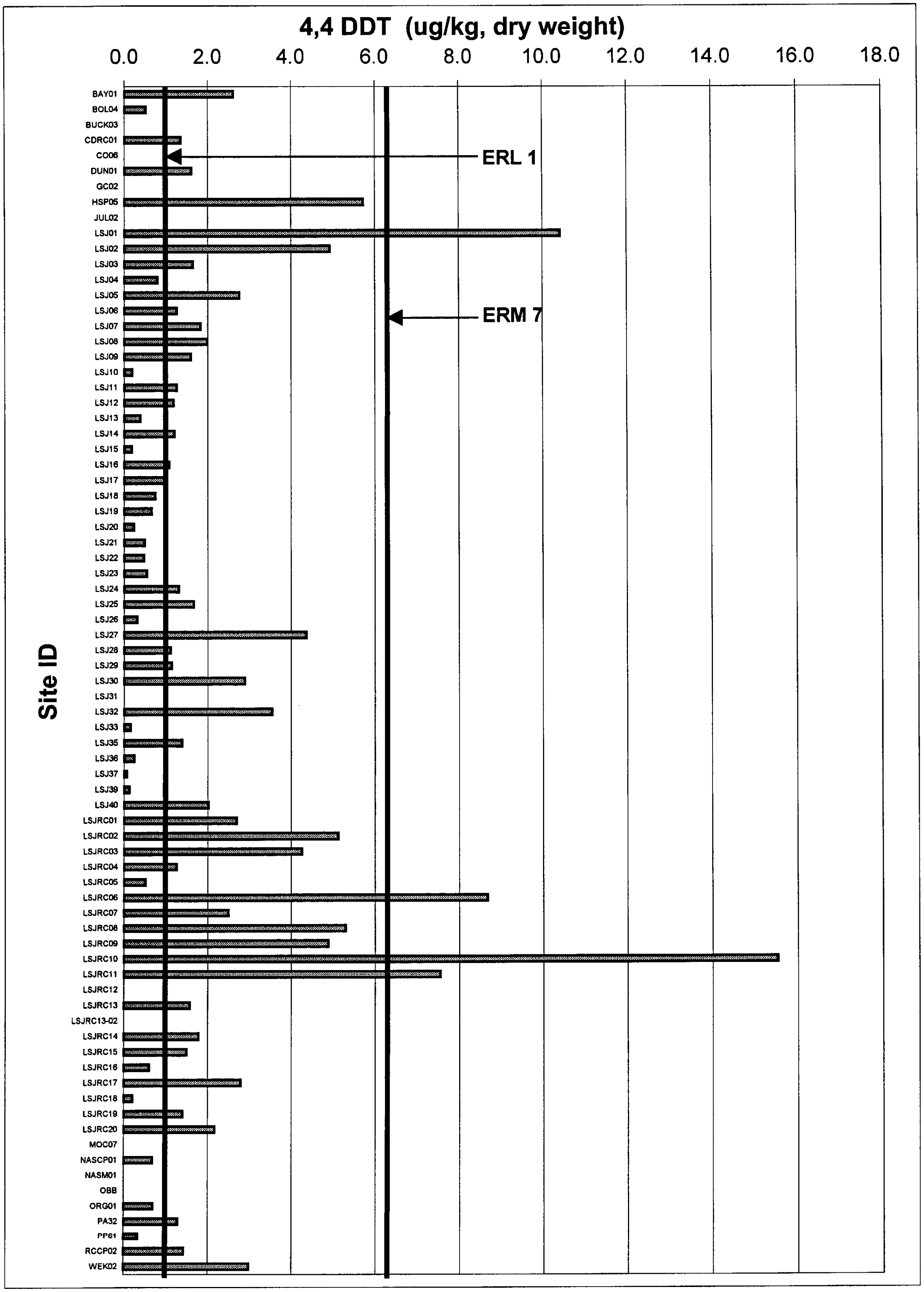


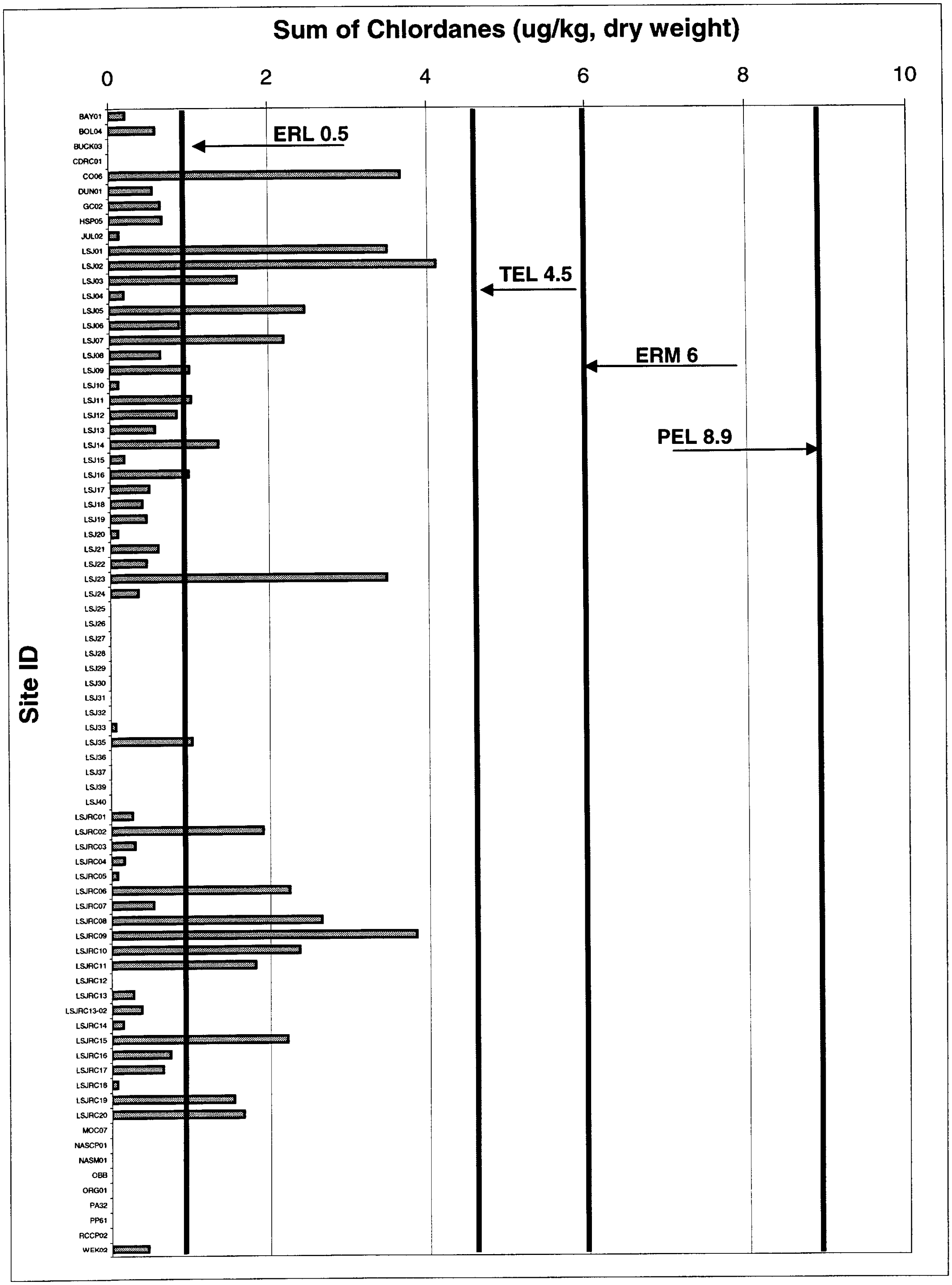
Total DDT (ug/kg, dry weight)
0
5
10
15
20
25
30
35
Site ID
TEL 6.98
PEL 4,450
ERL 1.58
ERM 46.1
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02


4,4 DDE (ug/kg, dry weight)
0
1
2
3
4
5
6
7
8
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO08
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP81
RCCP02
WEK02
TEL 1.42
PEL 6.75
ERL 2.2
ERM 27

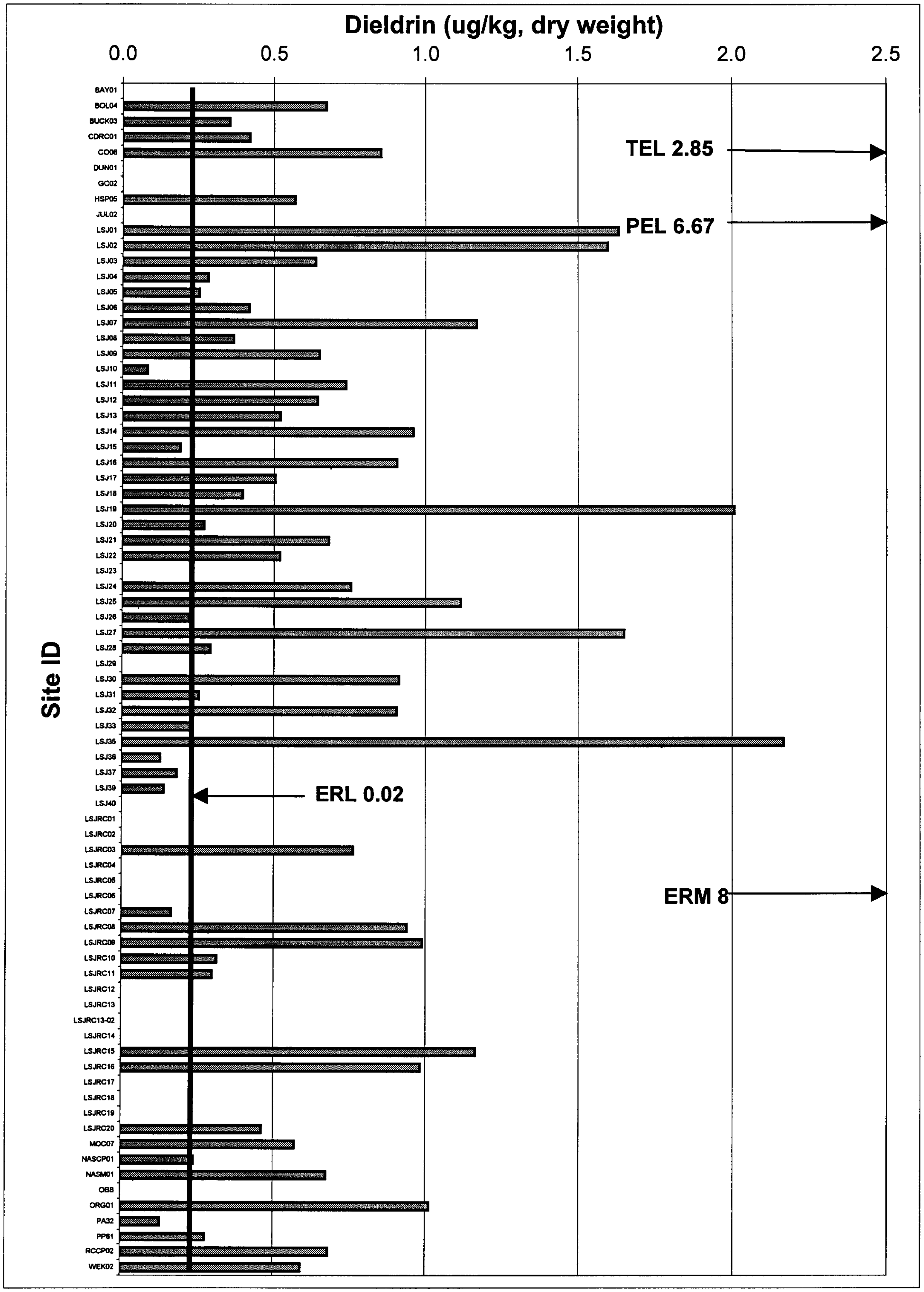


4,4 DDD (ug/kg, dry weight)
0
5
10
15
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02
ERL 2
PEL 8.51
TEL 3.54
ERM 20

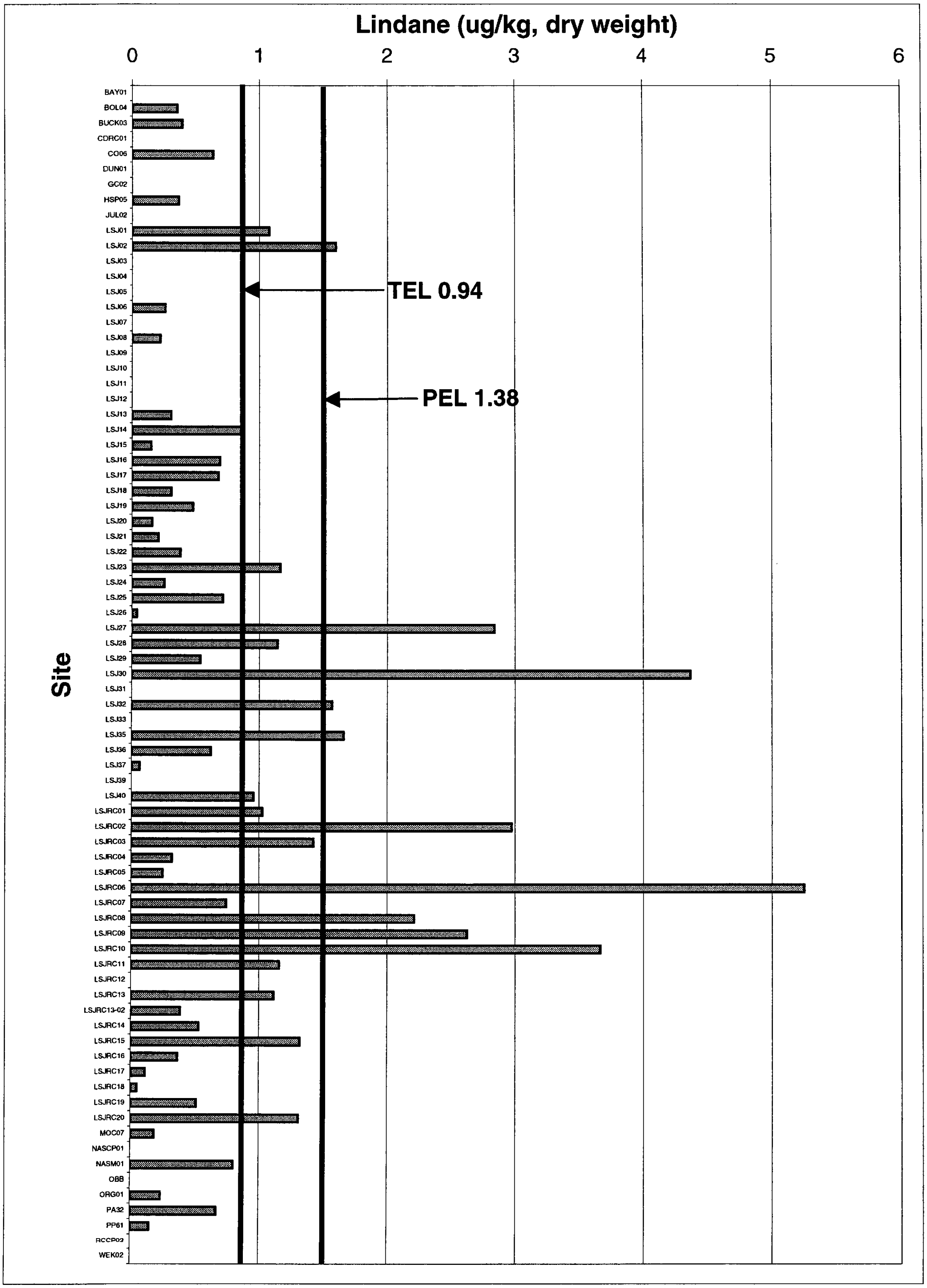

4,4 DDT (ug/kg, dry weight)
0.0
2.0
4.0
6.0
8.0
10.0
12.0
14.0
16.0
18.0
ERL 1
ERM 7
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



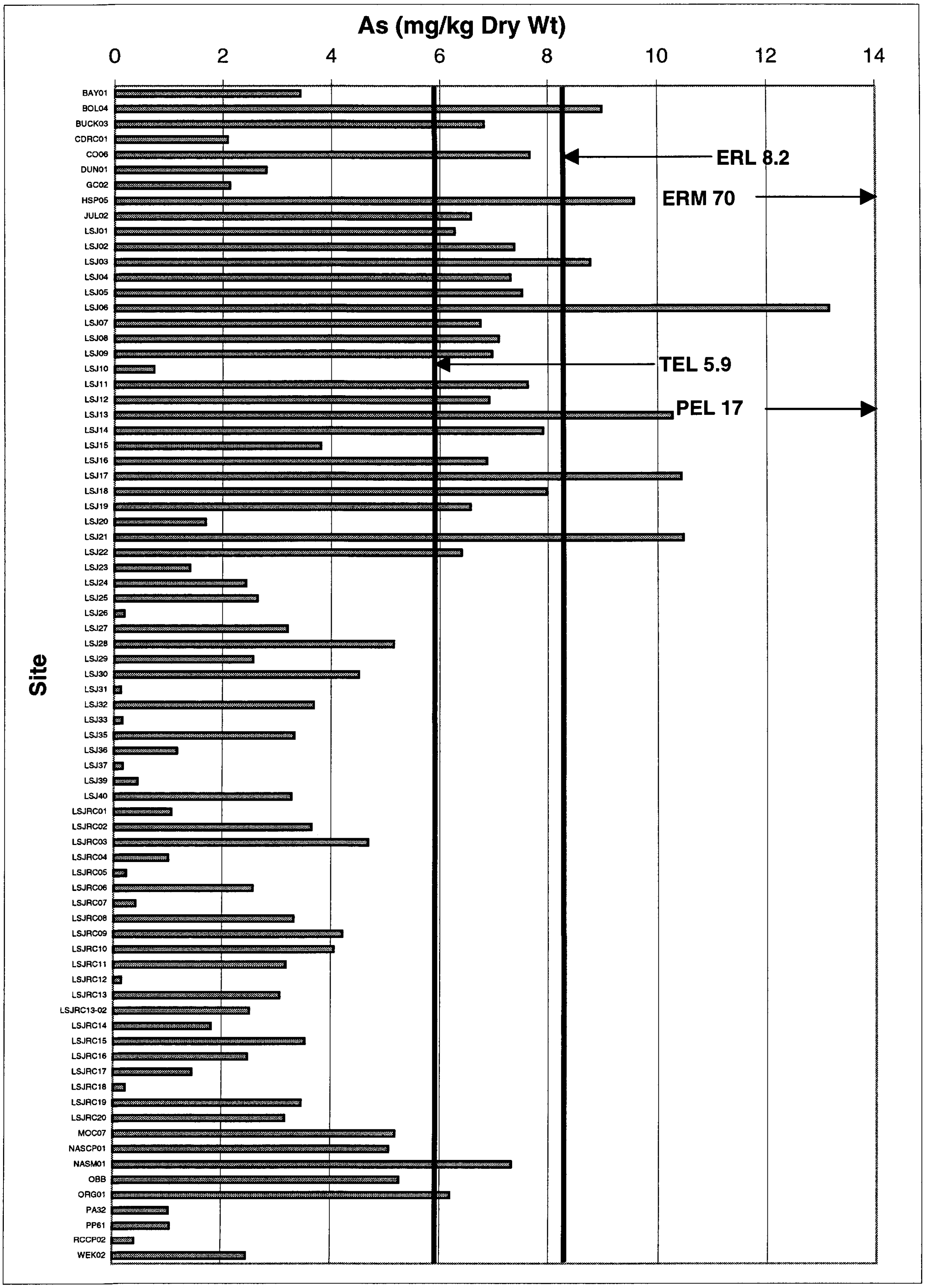
Sum of Chlordanes (ug/kg, dry weight)
0
2
4
6
8
10
ERL 0.5
TEL 4.5
ERM 6
PEL 8.9
Site ID
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



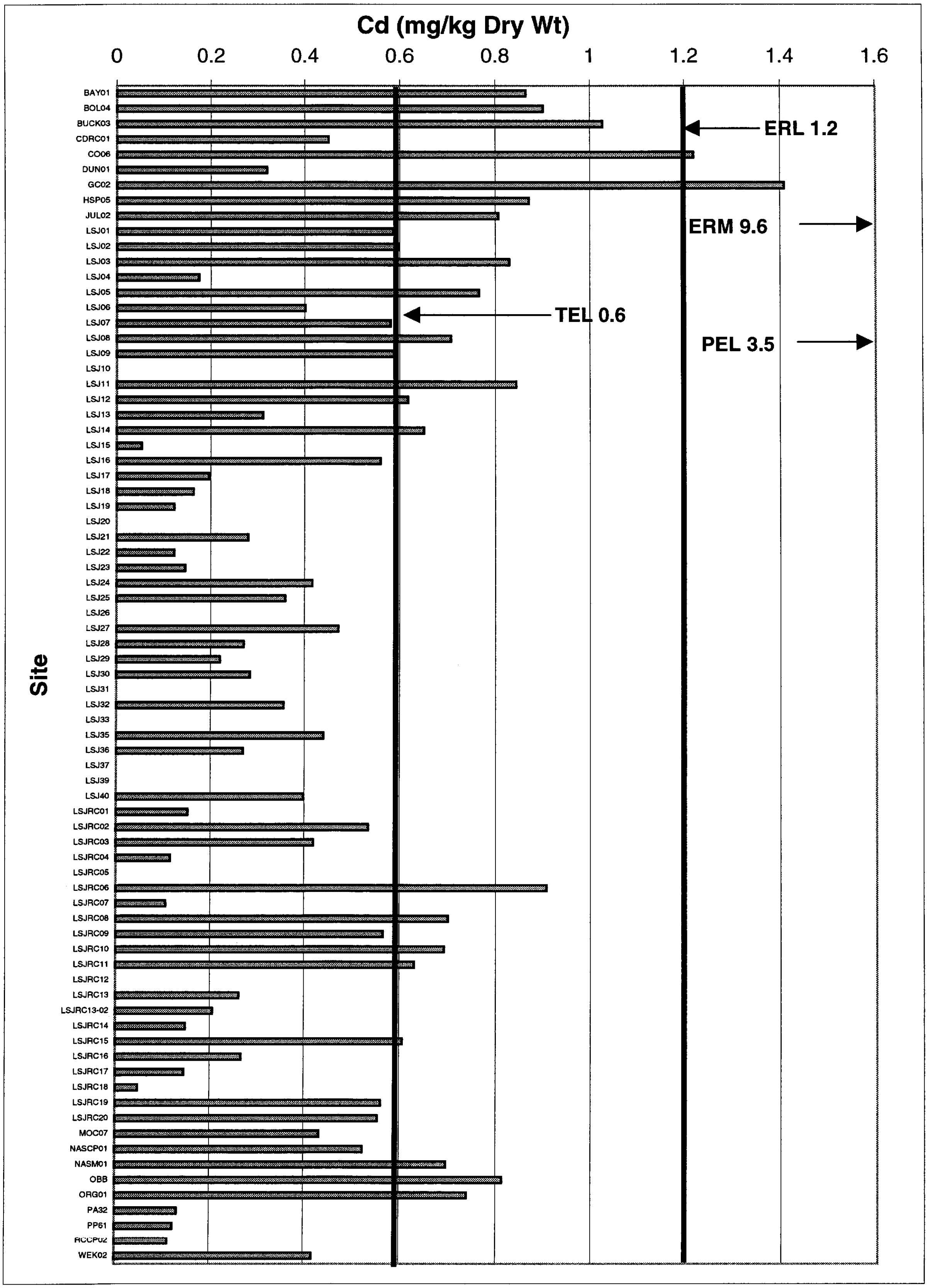
Dieldrin (ug/kg, dry weight)
Site ID
TEL 2.85
PEL 6.67
ERL 0.02
ERM 8



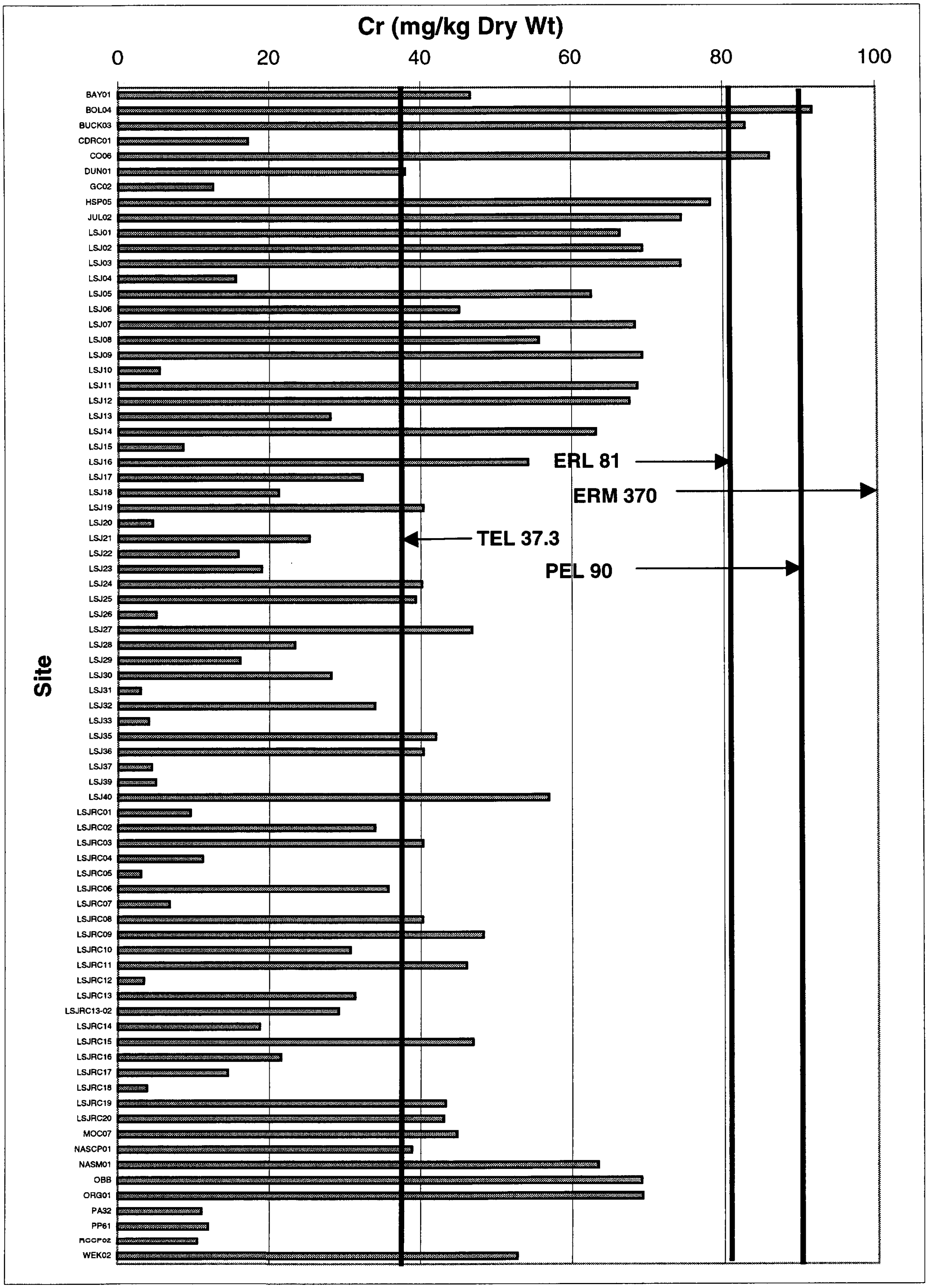
Lindane (ug/kg, dry weight)
0
1
2
3
4
5
6
Site
TEL 0.94
PEL 1.38
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



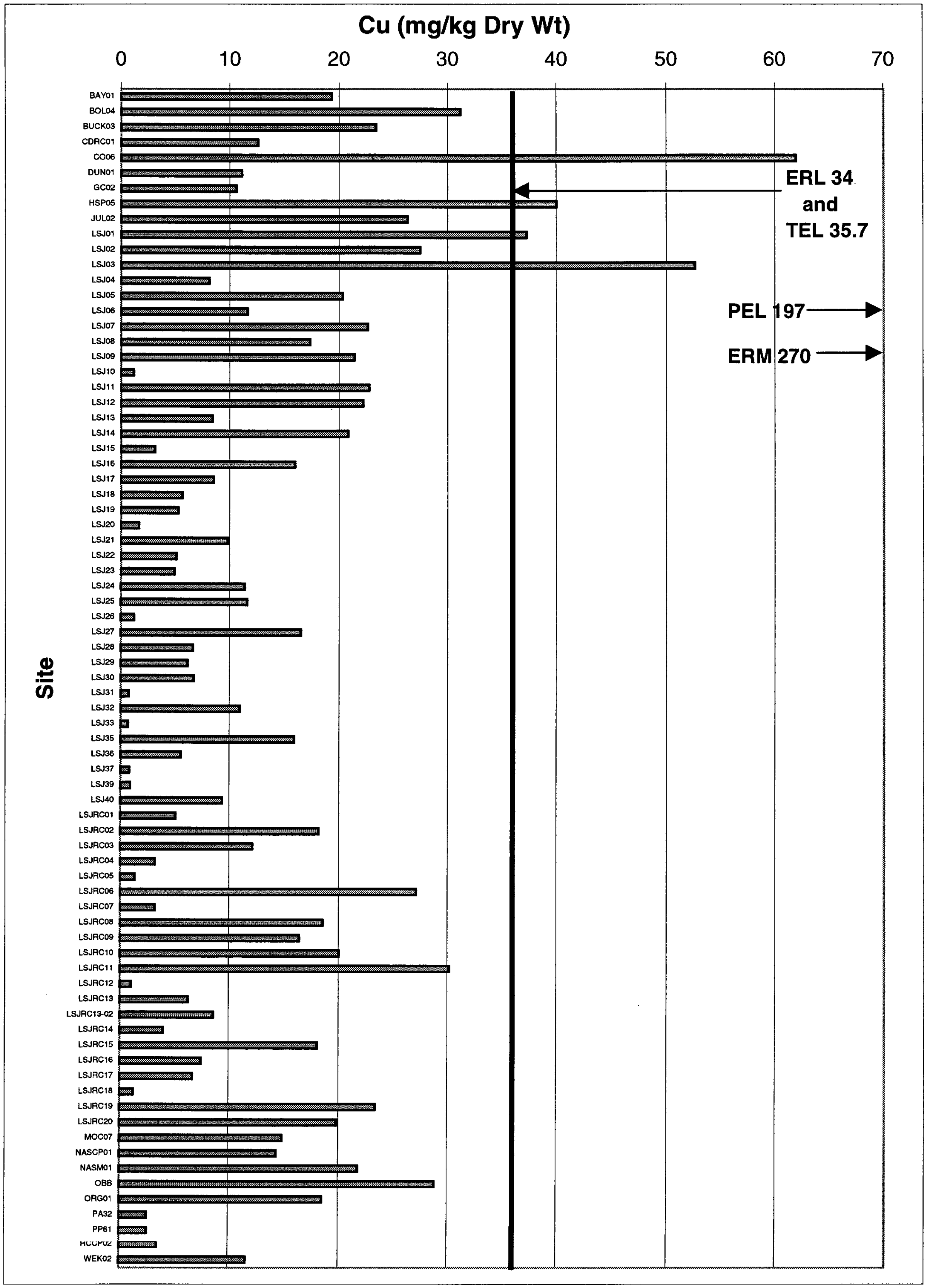
As (mg/kg Dry Wt)
0
2
4
6
8
10
12
14
Site
ERL 8.2
ERM 70
TEL 5.9
PEL 17
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



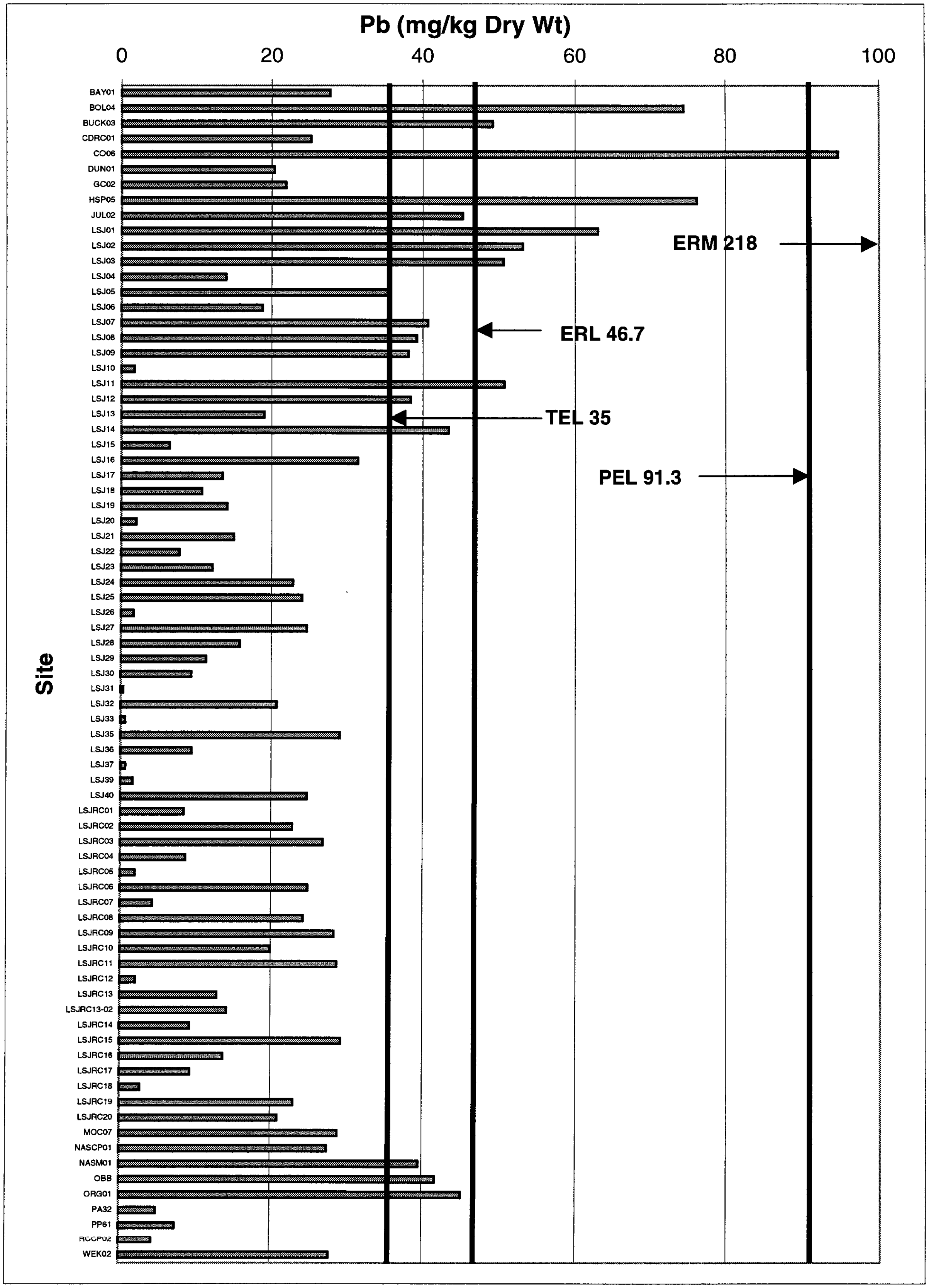
Cd (mg/kg Dry Wt)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
ERL 1.2
ERM 9.6
TEL 0.6
PEL 3.5
Site
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02



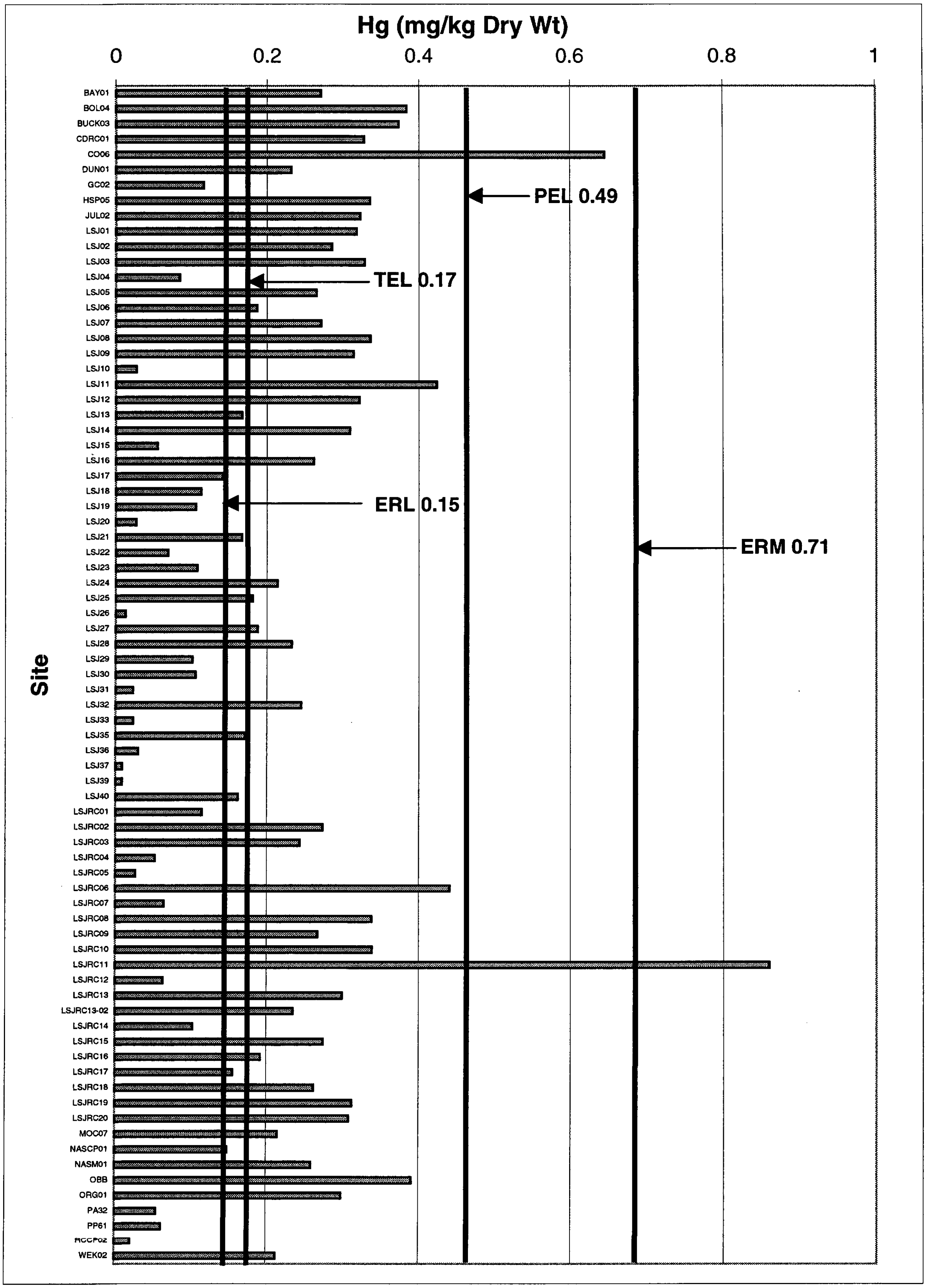
Cr (mg/kg Dry Wt)
0
20
40
60
80
100
Site
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02
ERL 81
ERM 370
TEL 37.3
PEL 90



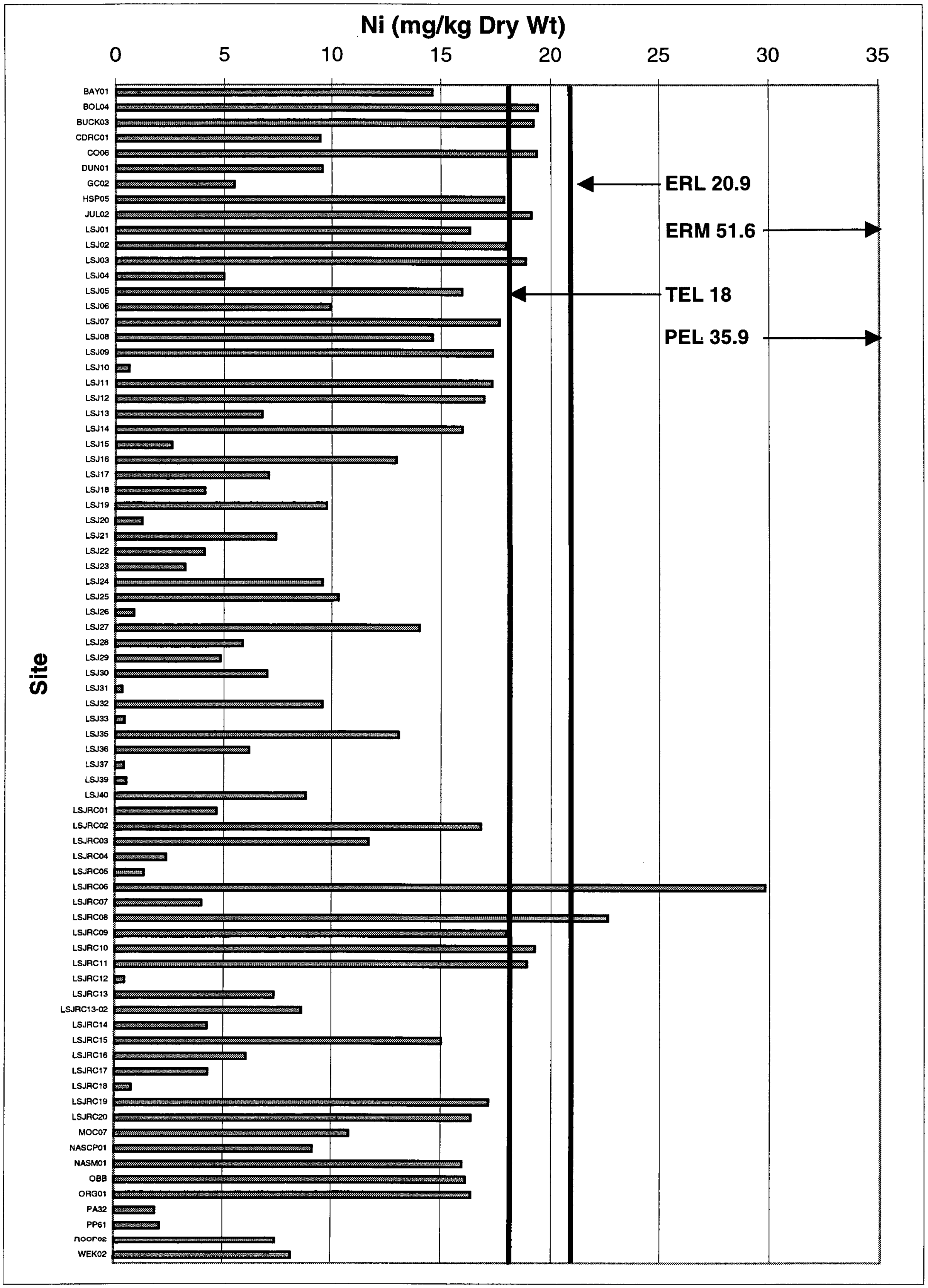
Cu (mg/kg Dry Wt)
0
10
20
30
40
50
60
70
Site
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02
ERL 34
and
TEL 35.7
PEL 197
ERM 270



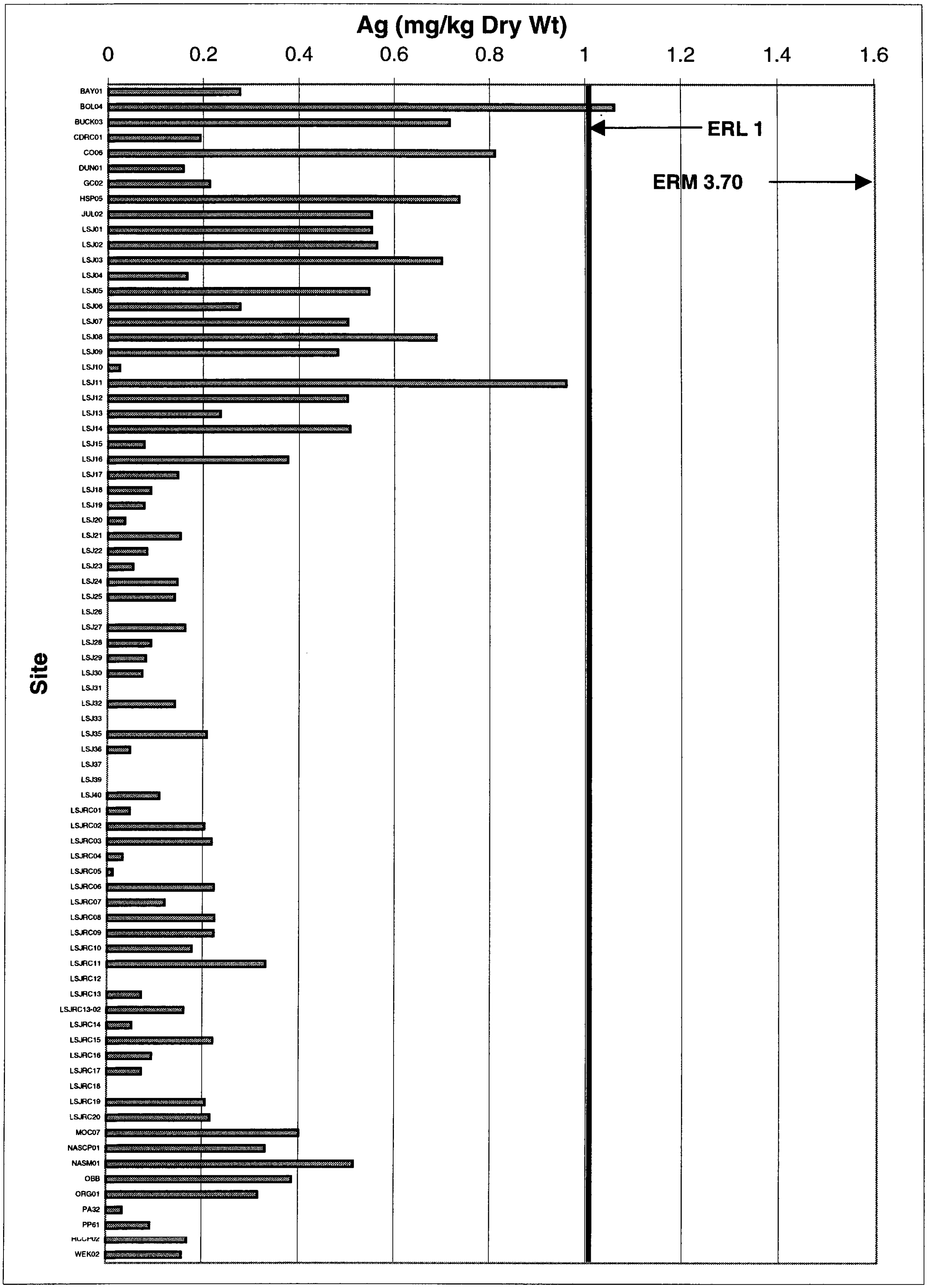
Pb (mg/kg Dry Wt)
0
20
40
60
80
100
Site
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02
ERM 218
ERL 46.7
TEL 35
PEL 91.3

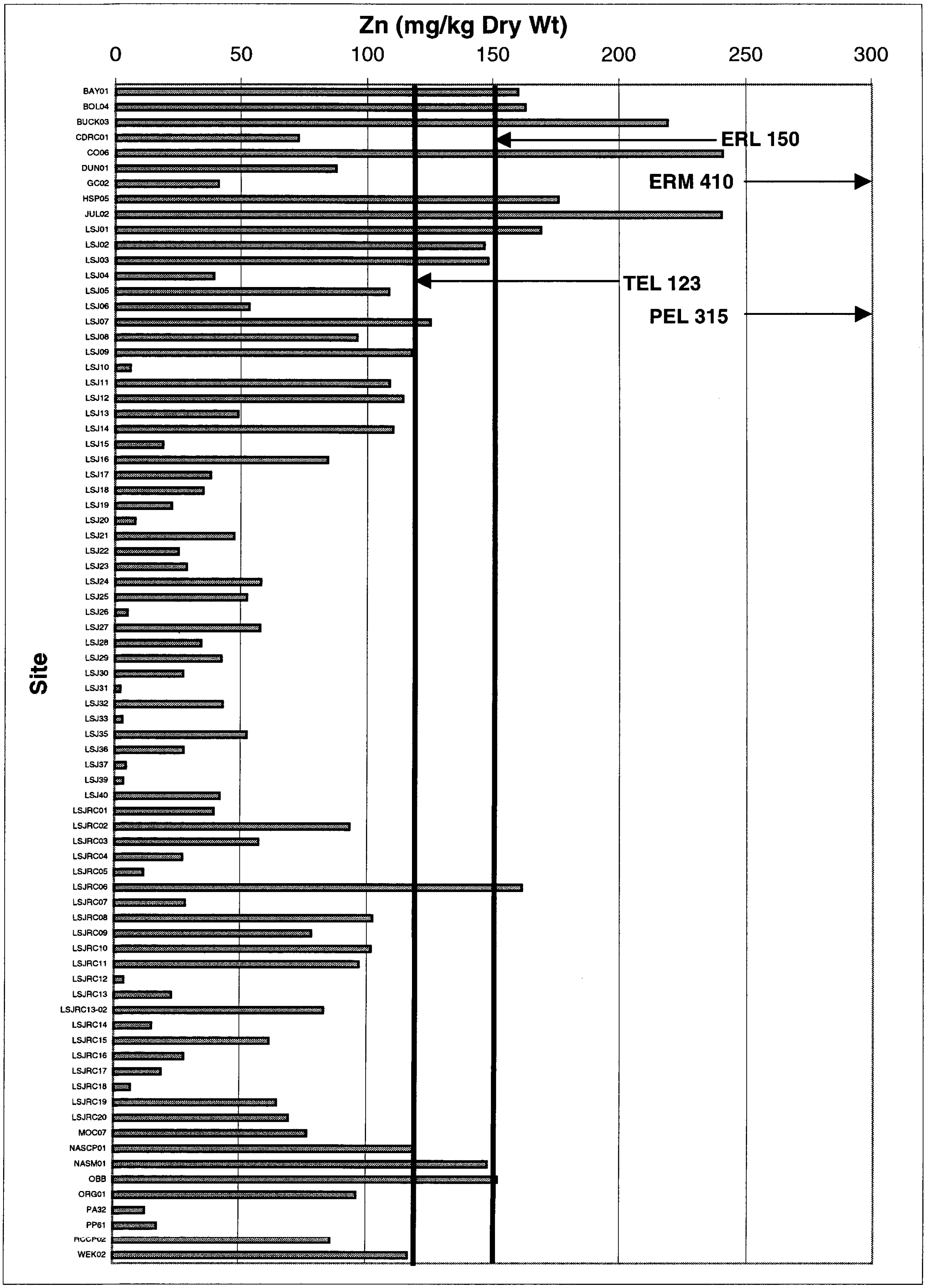


Hg (mg/kg Dry Wt)
0
0.2
0.4
0.6
0.8
1
Site
PEL 0.49
TEL 0.17
ERL 0.15
ERM 0.71
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
RCCP02
WEK02

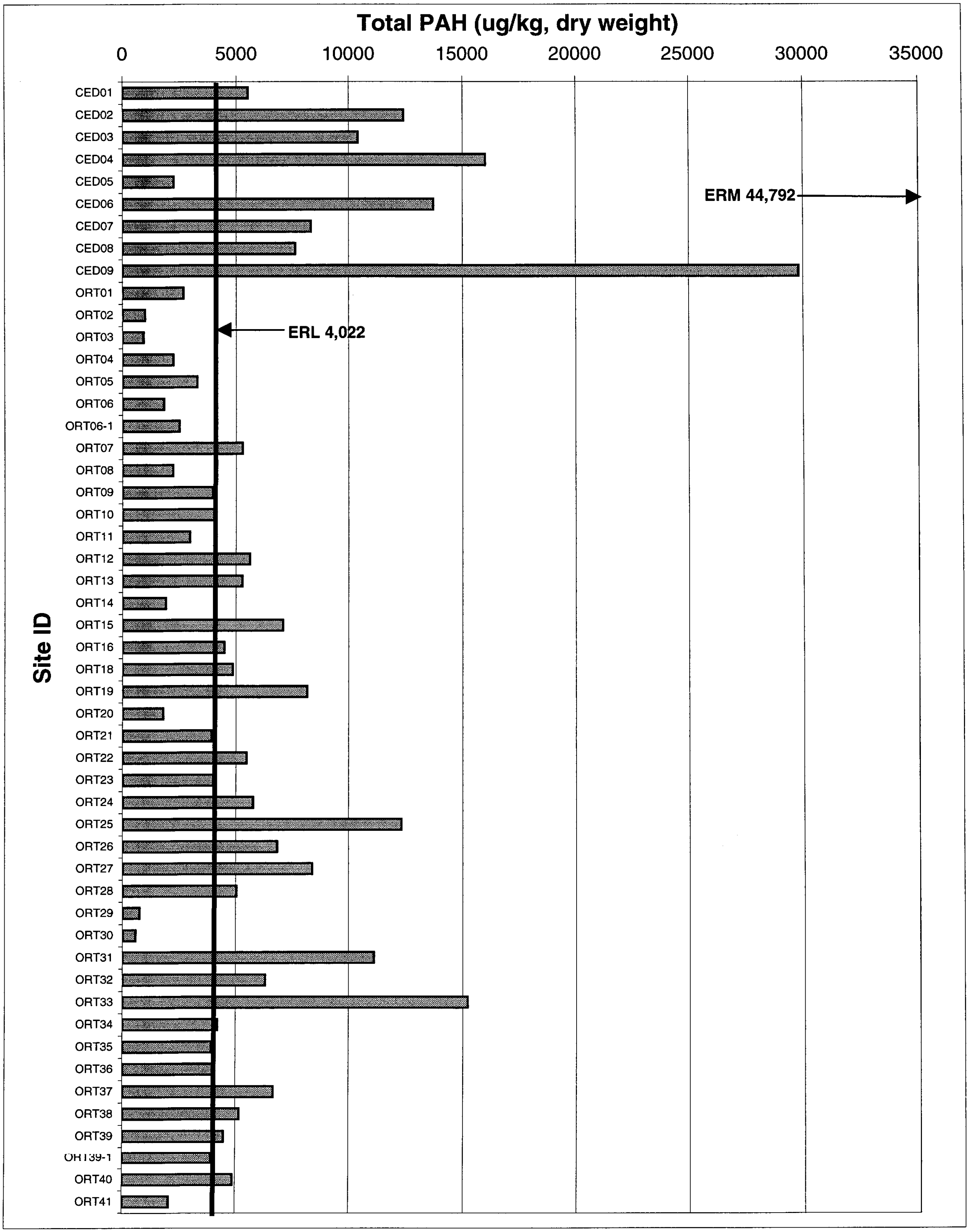


Ni (mg/kg Dry Wt)
0
5
10
15
20
25
30
35
Site
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02
ERL 20.9
ERM 51.6
TEL 18
PEL 35.9

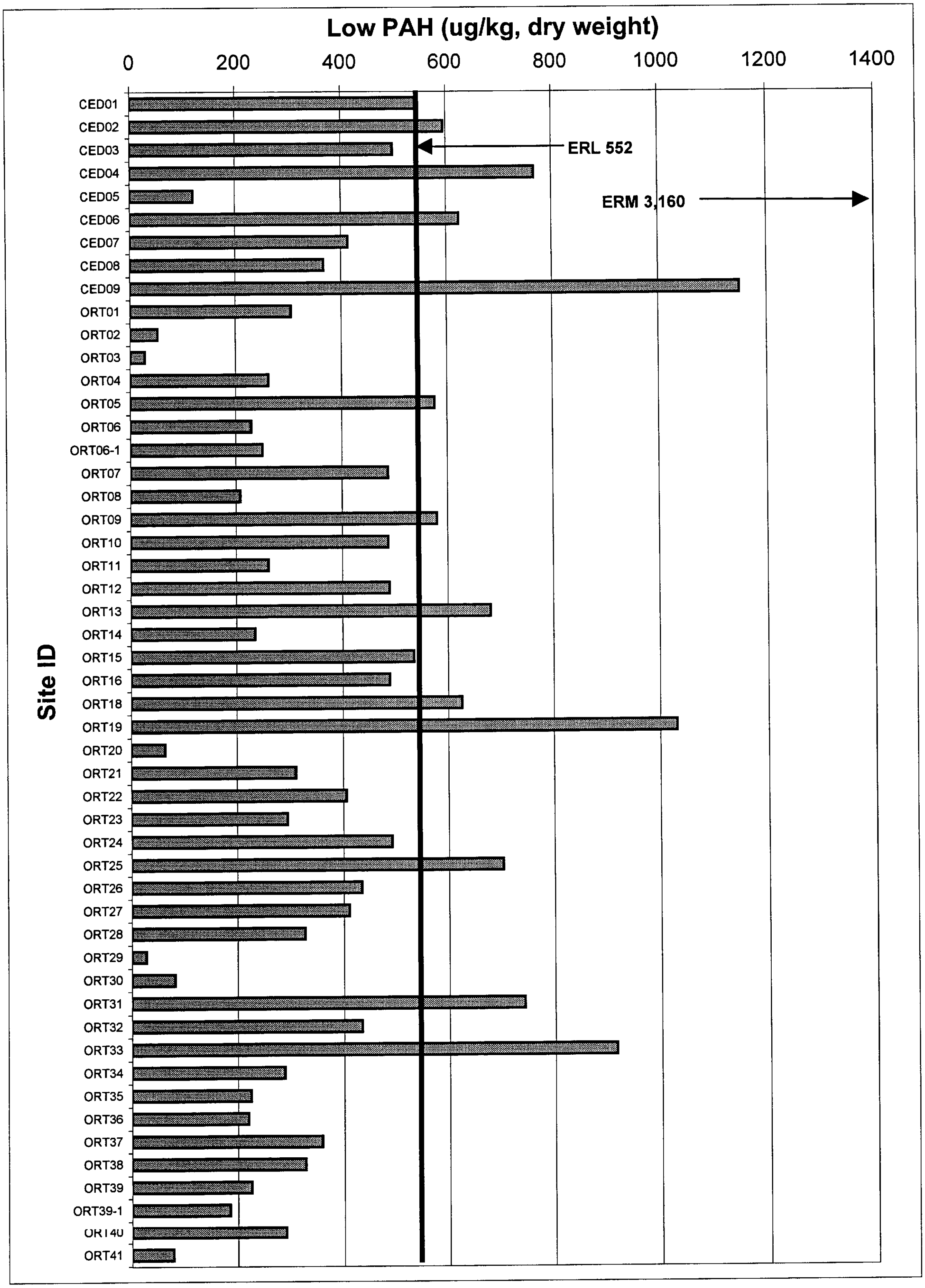

Ag (mg/kg Dry Wt)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
ERL 1
ERM 3.70
Site
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02



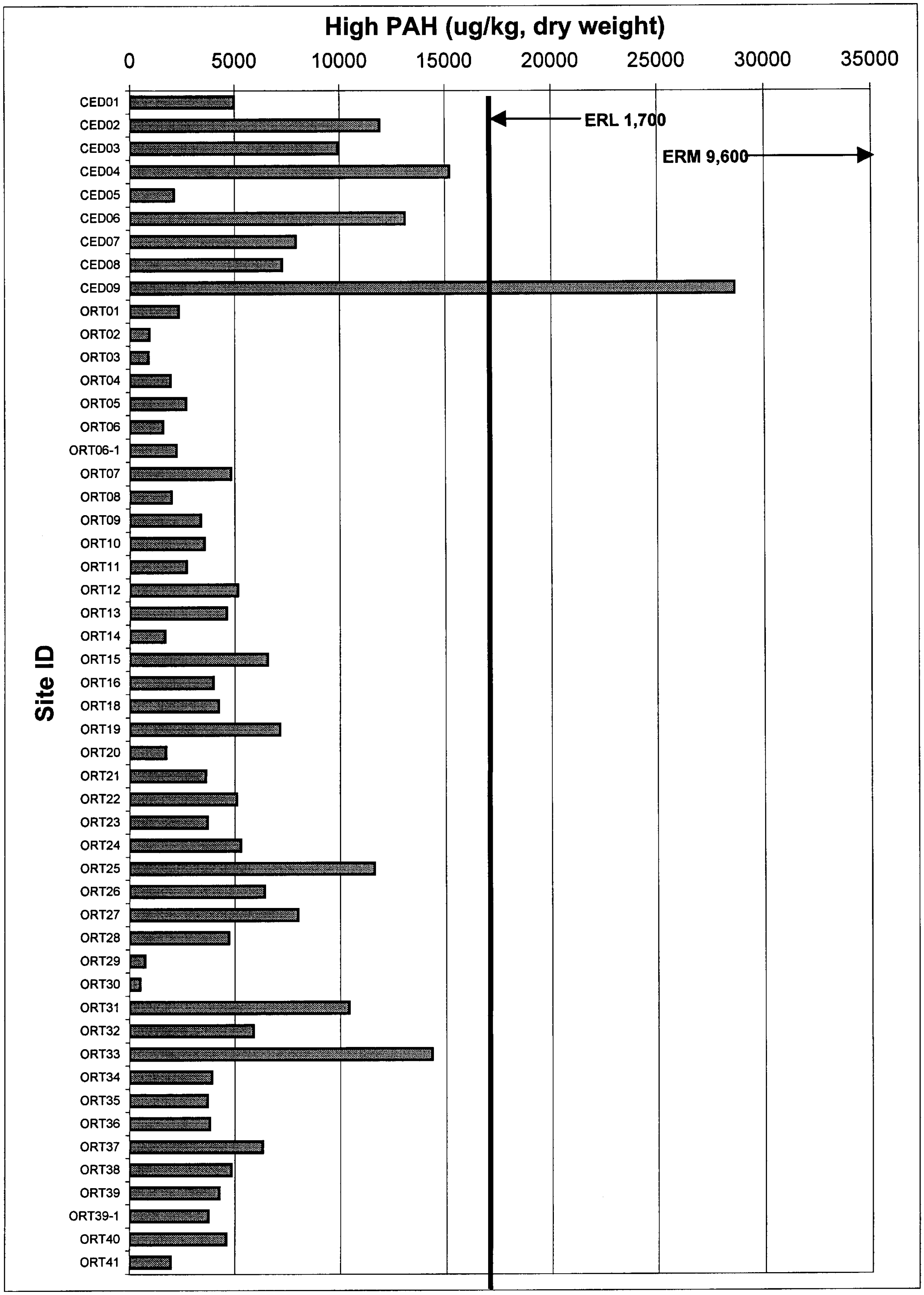
Zn (mg/kg Dry Wt)
0
50
100
150
200
250
300
Site
BAY01
BOL04
BUCK03
CDRC01
CO06
DUN01
GC02
HSP05
JUL02
LSJ01
LSJ02
LSJ03
LSJ04
LSJ05
LSJ06
LSJ07
LSJ08
LSJ09
LSJ10
LSJ11
LSJ12
LSJ13
LSJ14
LSJ15
LSJ16
LSJ17
LSJ18
LSJ19
LSJ20
LSJ21
LSJ22
LSJ23
LSJ24
LSJ25
LSJ26
LSJ27
LSJ28
LSJ29
LSJ30
LSJ31
LSJ32
LSJ33
LSJ35
LSJ36
LSJ37
LSJ39
LSJ40
LSJRC01
LSJRC02
LSJRC03
LSJRC04
LSJRC05
LSJRC06
LSJRC07
LSJRC08
LSJRC09
LSJRC10
LSJRC11
LSJRC12
LSJRC13
LSJRC13-02
LSJRC14
LSJRC15
LSJRC16
LSJRC17
LSJRC18
LSJRC19
LSJRC20
MOC07
NASCP01
NASM01
OBB
ORG01
PA32
PP61
WEK02
ERL 150
ERM 410
TEL 123
PEL 315

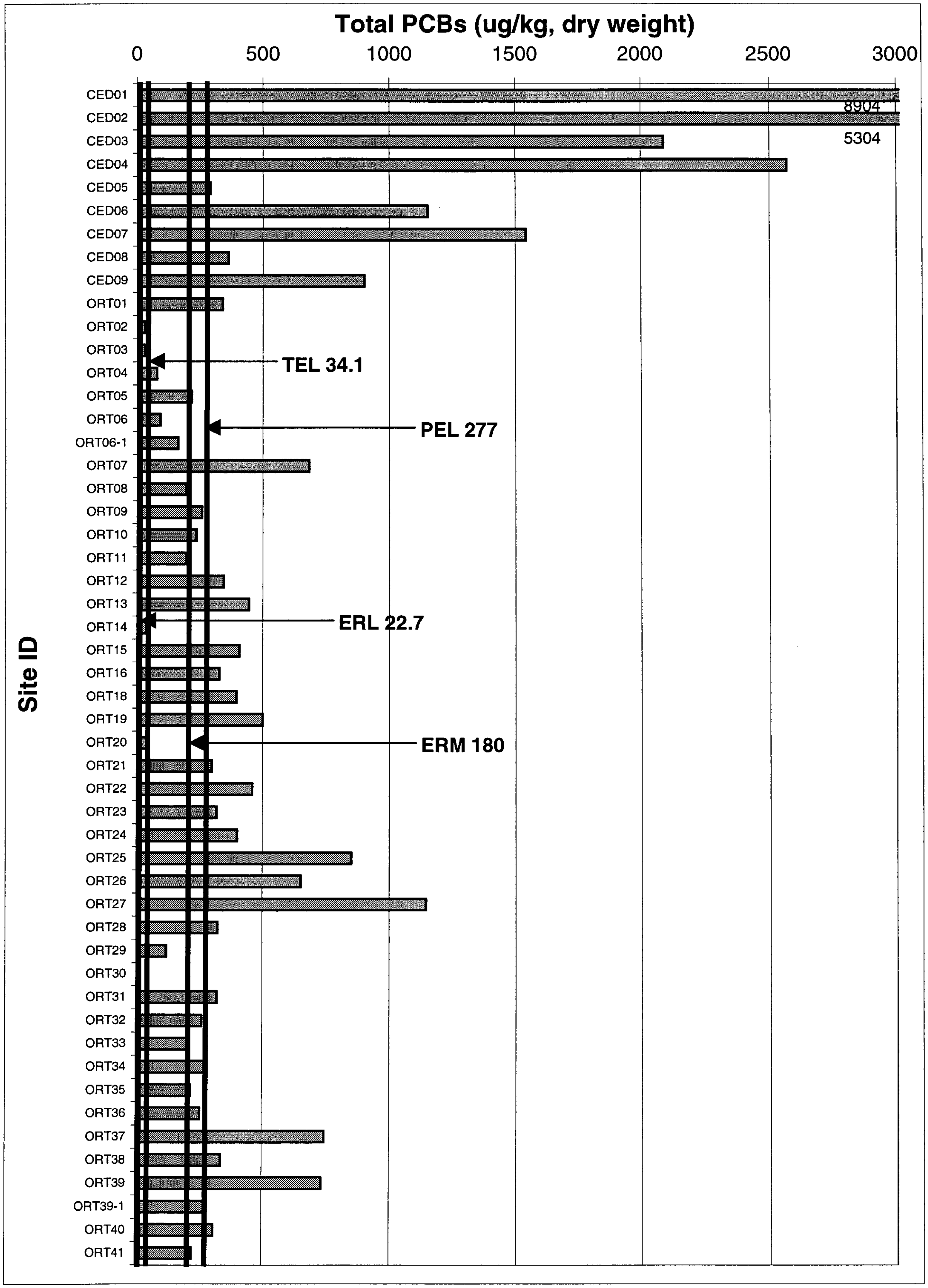


Total PAH (ug/kg, dry weight)
0
5000
10000
15000
20000
25000
30000
35000
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41
ERM 44,792
ERL 4,022

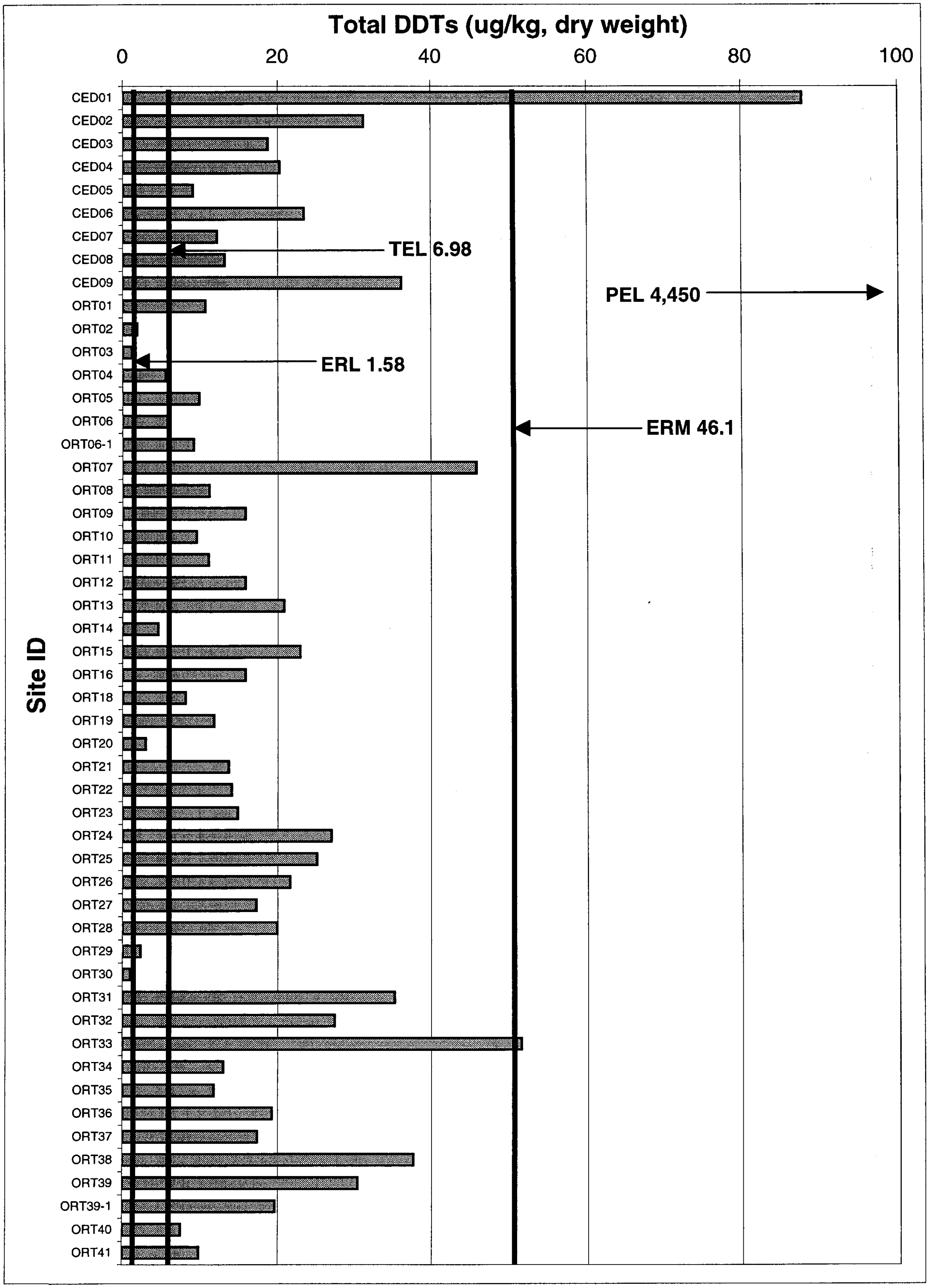


Low PAH (ug/kg, dry weight)
0
200
400
600
800
1000
1200
1400
ERL 552
ERM 3,160
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

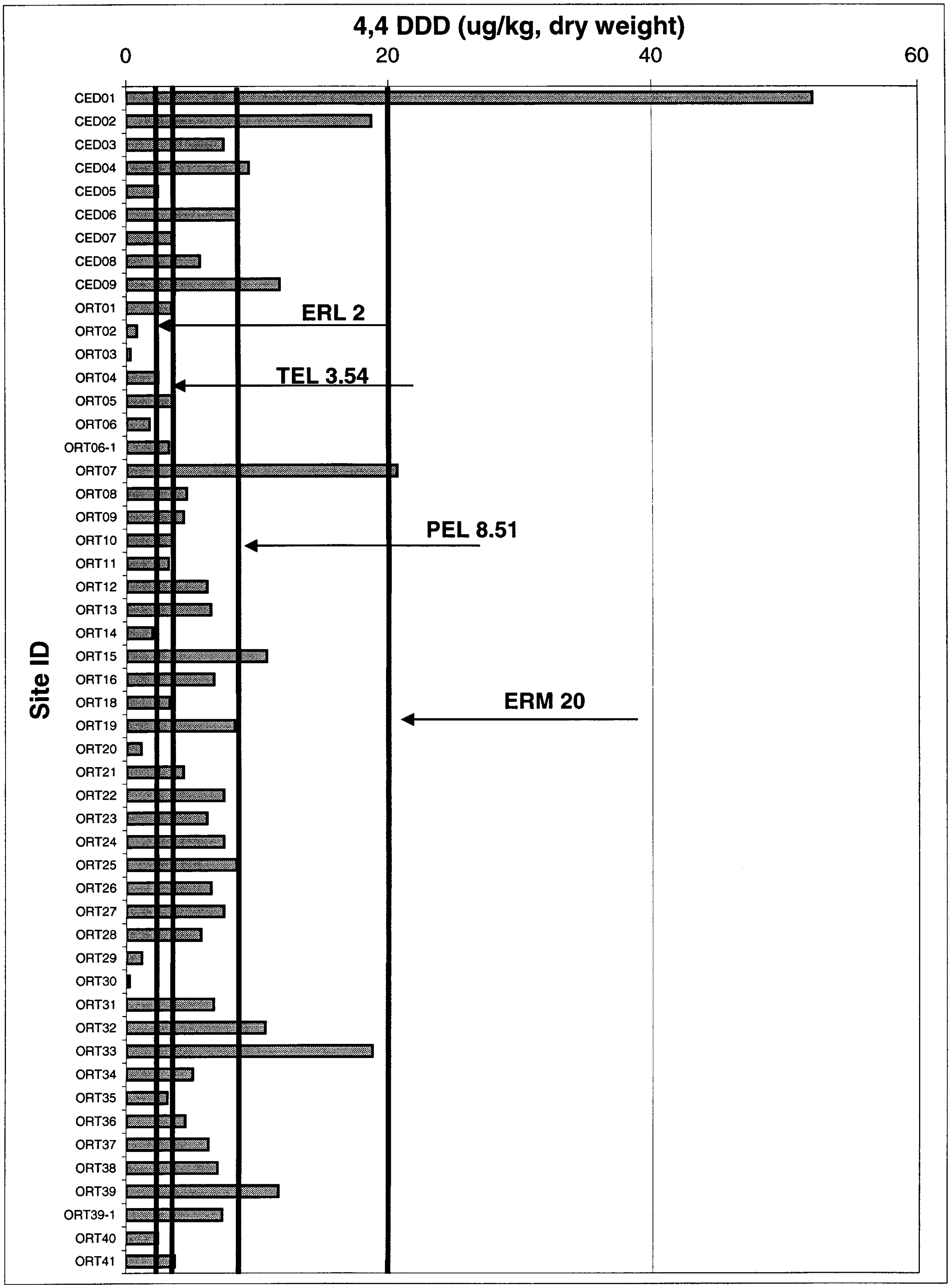

High PAH (ug/kg, dry weight)
0
5000
10000
15000
20000
25000
30000
35000
ERL 1,700
ERM 9,600
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41



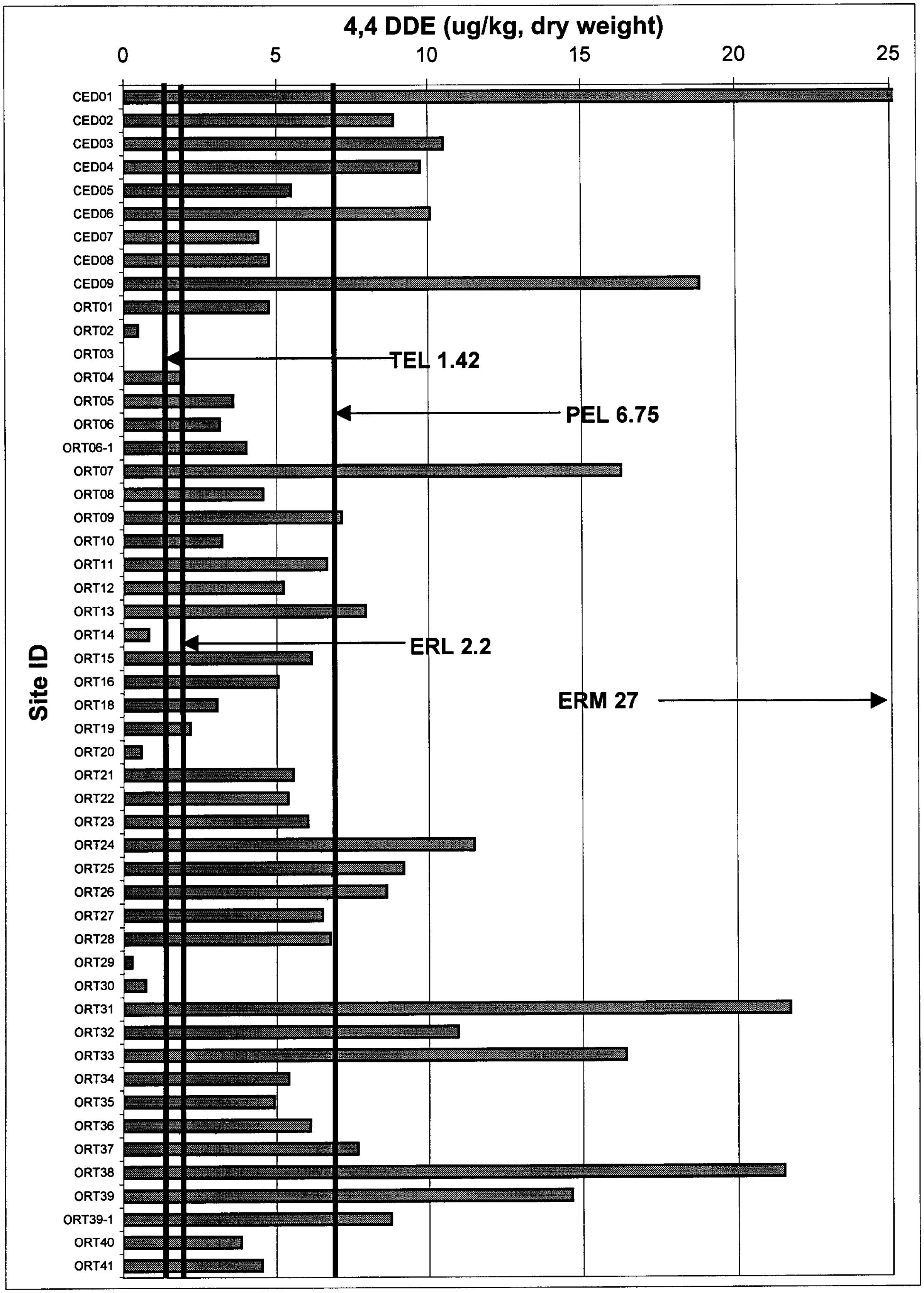
Total PCBs (ug/kg, dry weight)
0
500
1000
1500
2000
2500
3000
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41
8904
5304
TEL 34.1
PEL 277
ERL 22.7
ERM 180

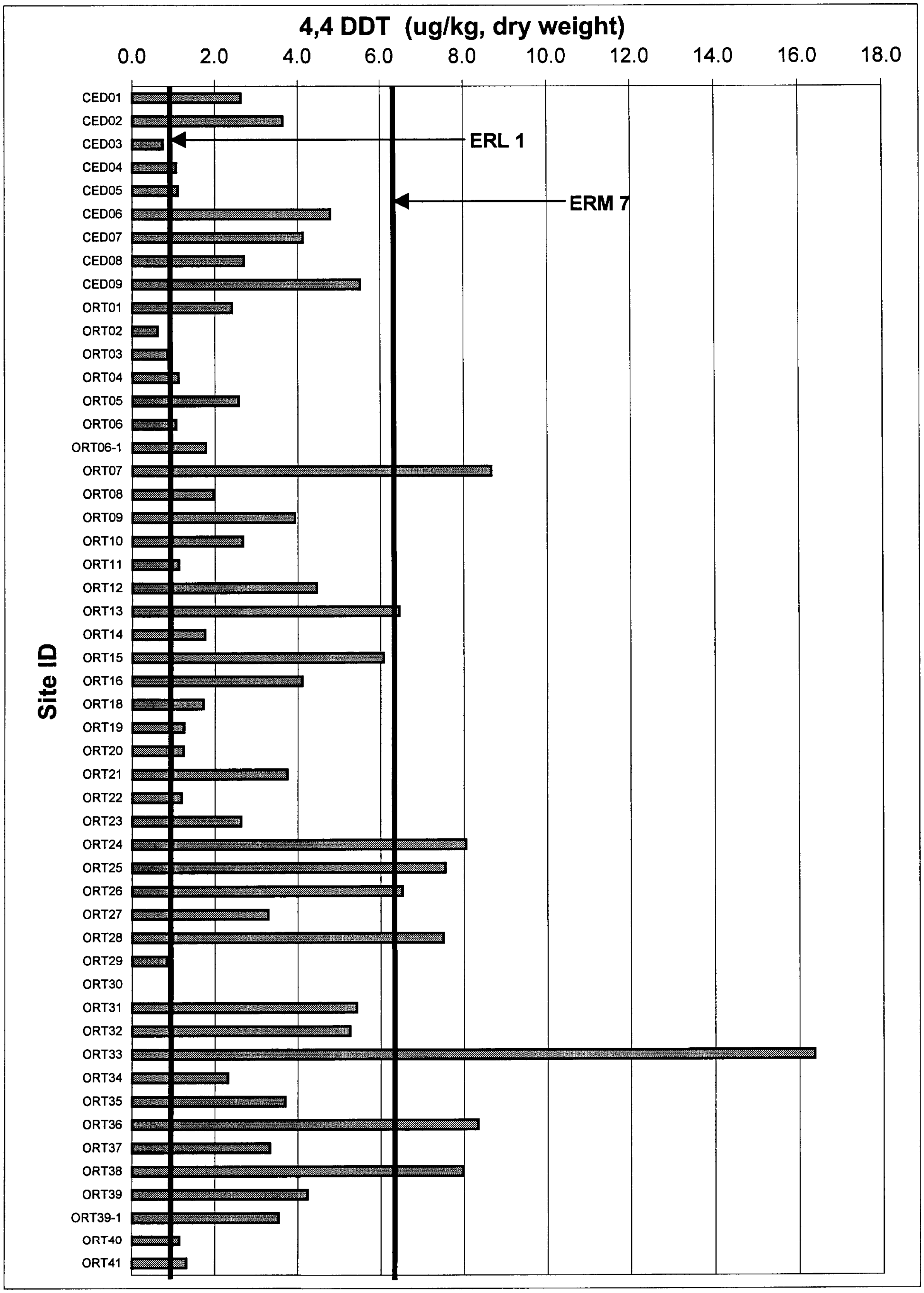


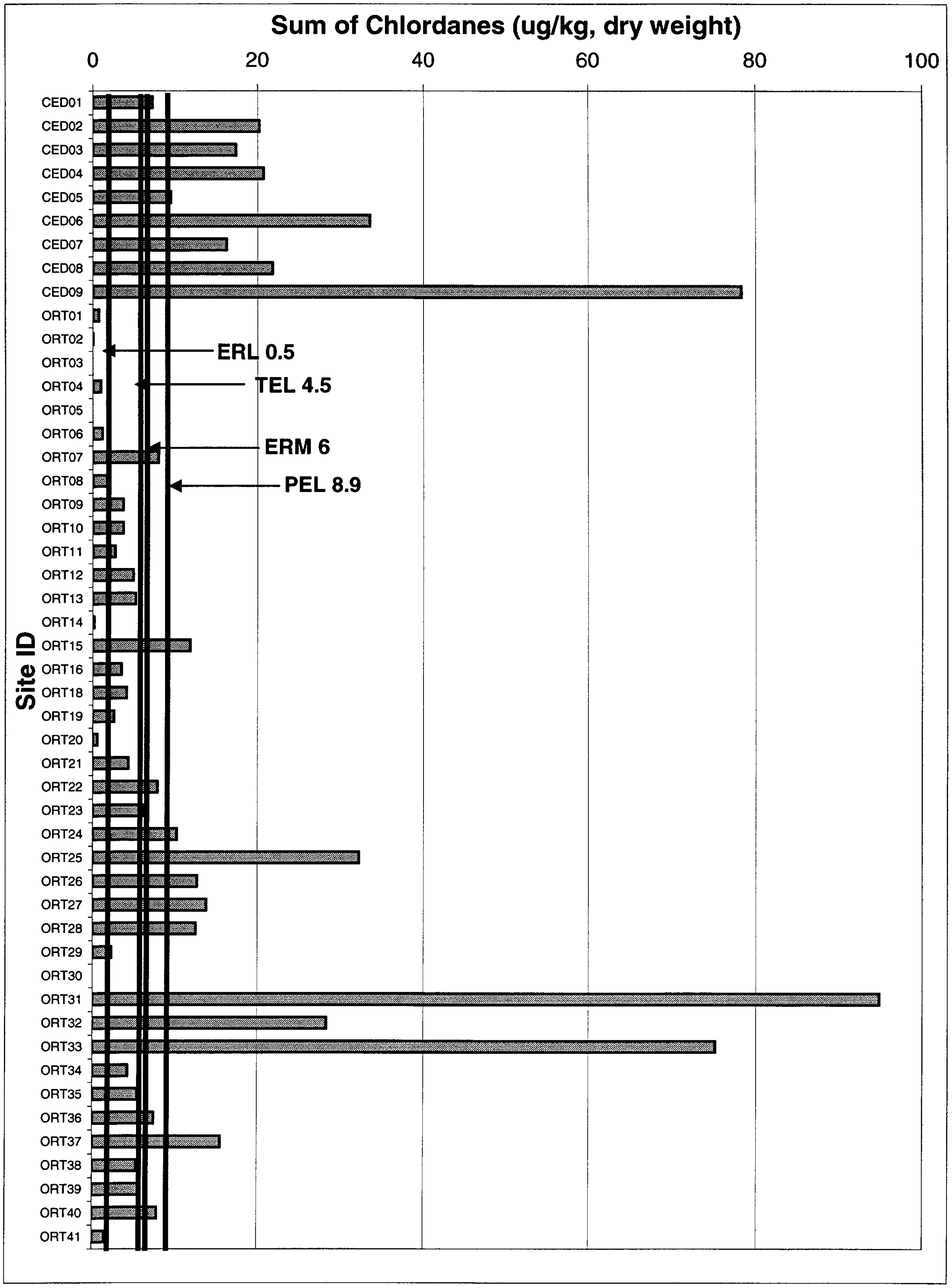
Total DDTs (ug/kg, dry weight)
0
20
40
60
80
100
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41
TEL 6.98
PEL 4,450
ERL 1.58
ERM 46.1

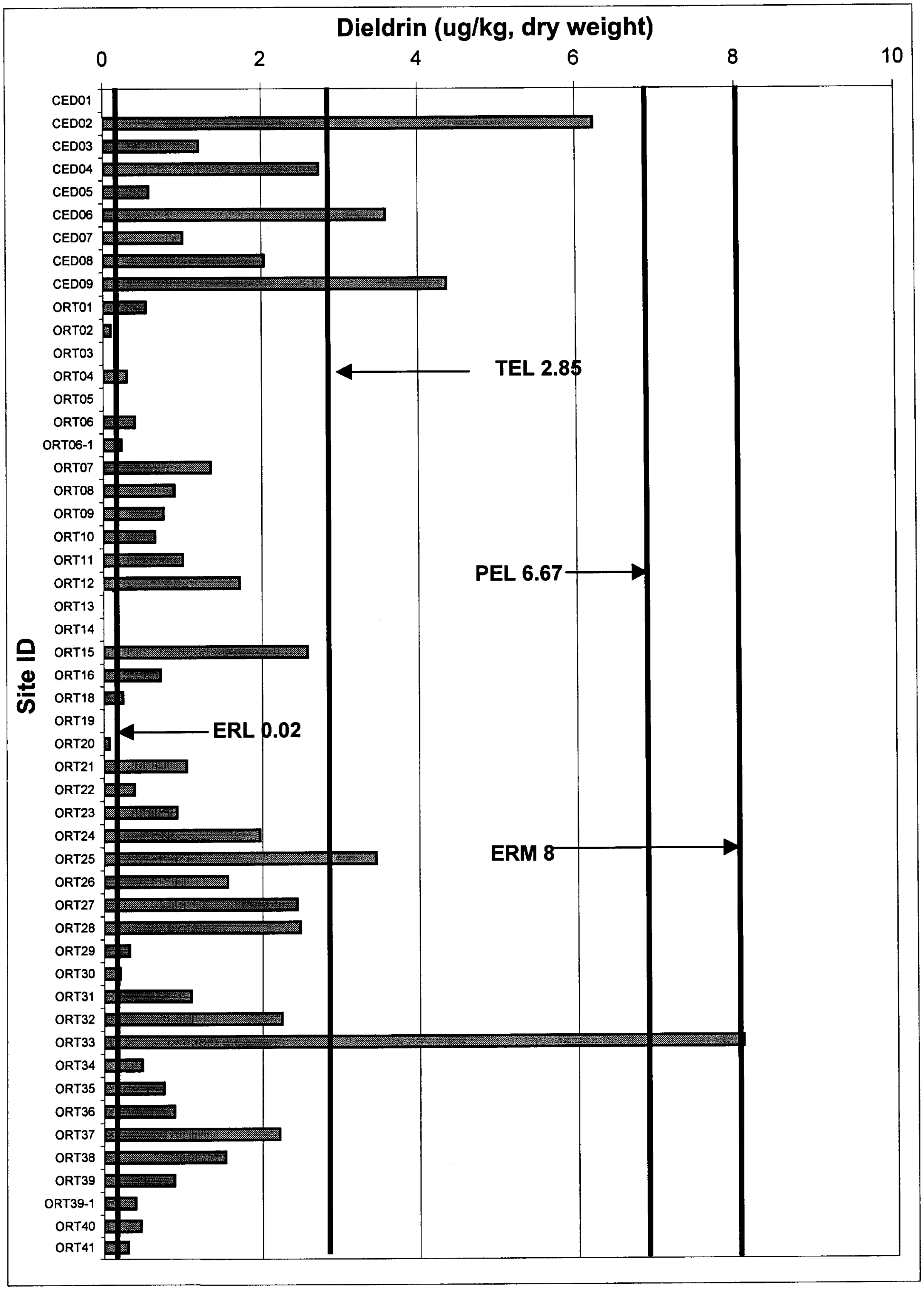


4,4 DDD (ug/kg, dry weight)
0
20
40
60
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41
ERL 2
TEL 3.54
PEL 8.51
ERM 20

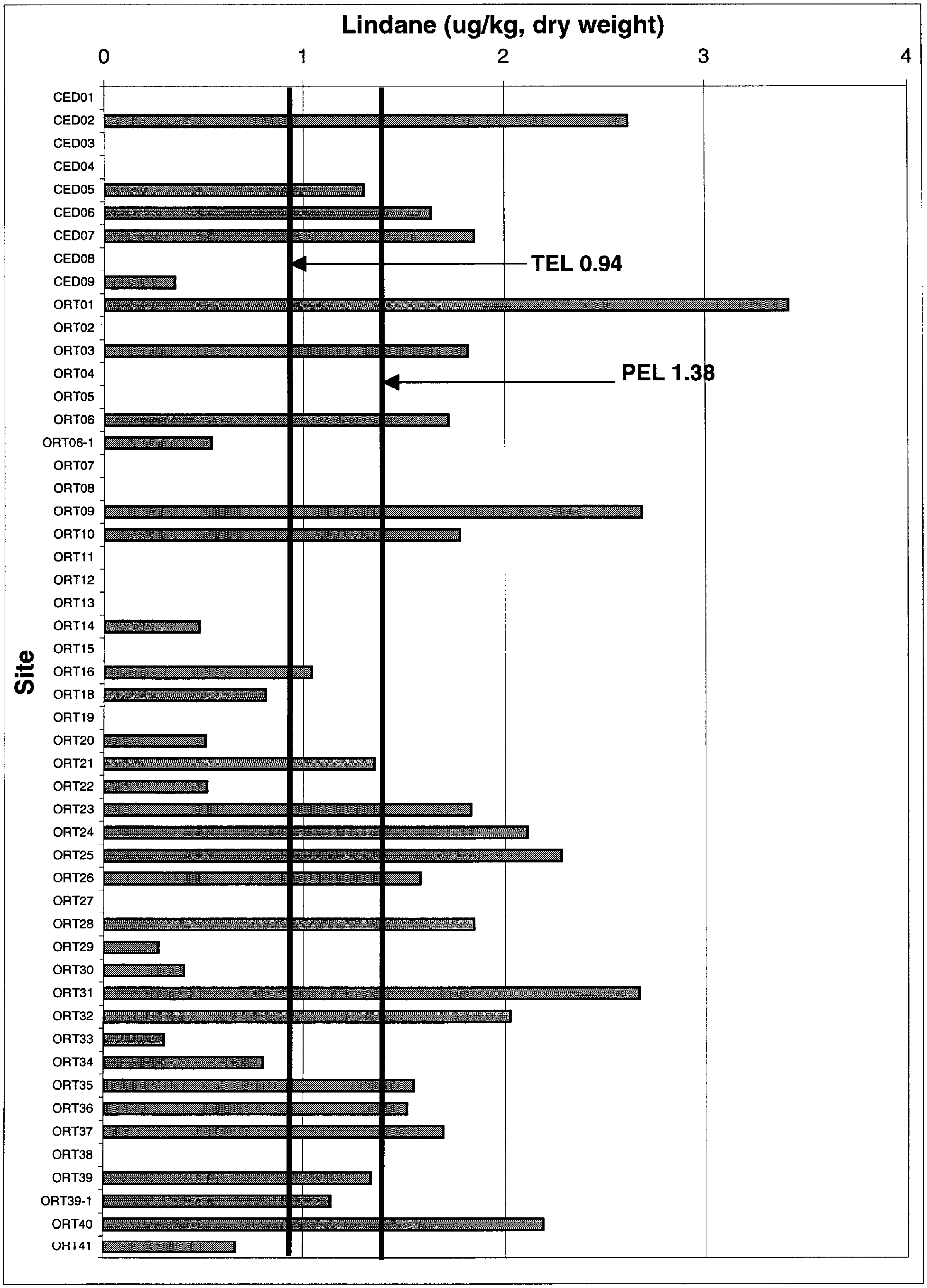

4,4 DDE (ug/kg, dry weight)
0
5
10
15
20
25
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41
TEL 1.42
PEL 6.75
ERL 2.2
ERM 27


4,4 DDT (ug/kg, dry weight)
0.0
2.0
4.0
6.0
8.0
10.0
12.0
14.0
16.0
18.0
ERL 1
ERM 7
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

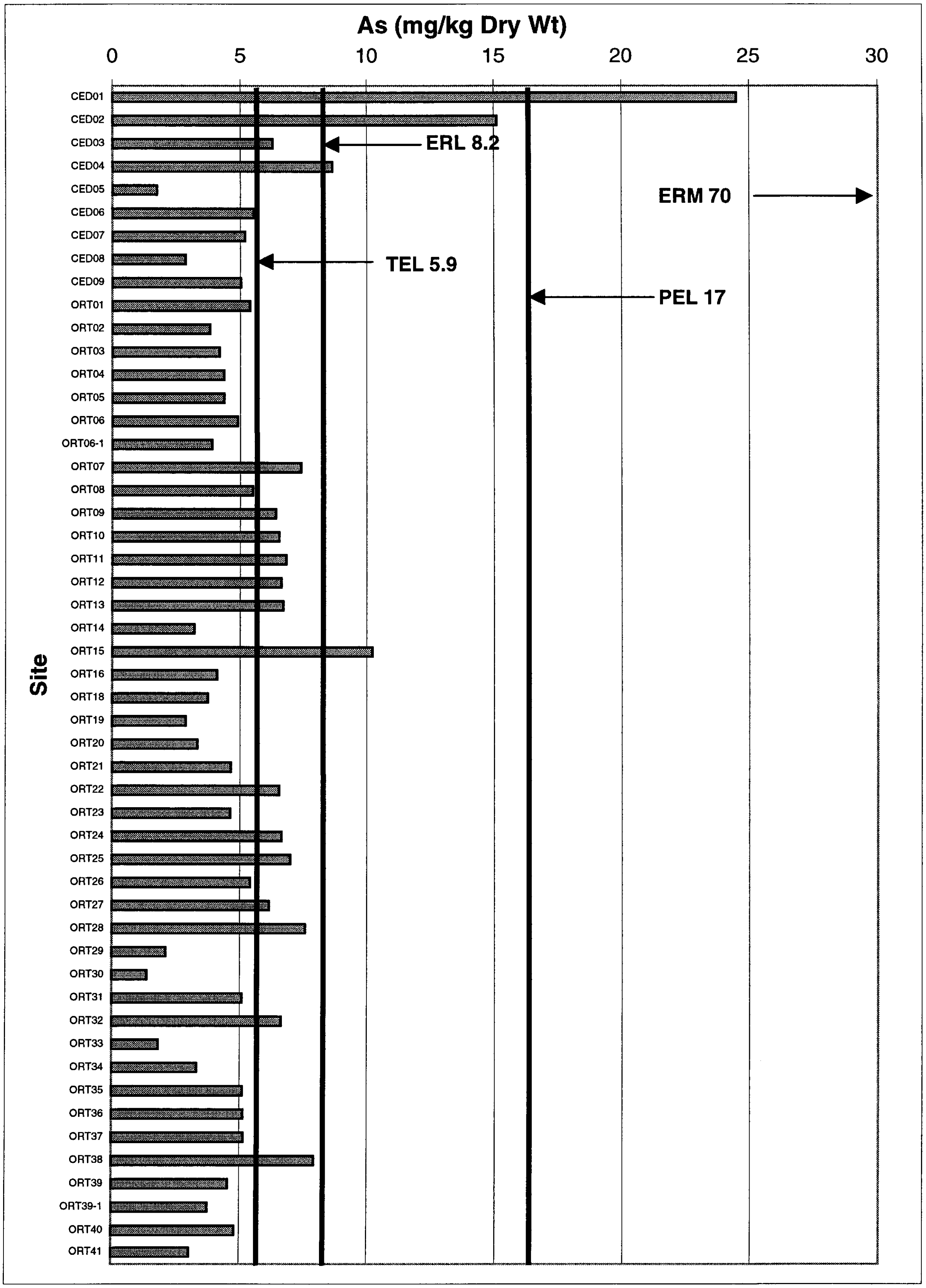

Sum of Chlordanes (ug/kg, dry weight)
0
20
40
60
80
100
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT40
ORT41
ERL 0.5
TEL 4.5
ERM 6
PEL 8.9

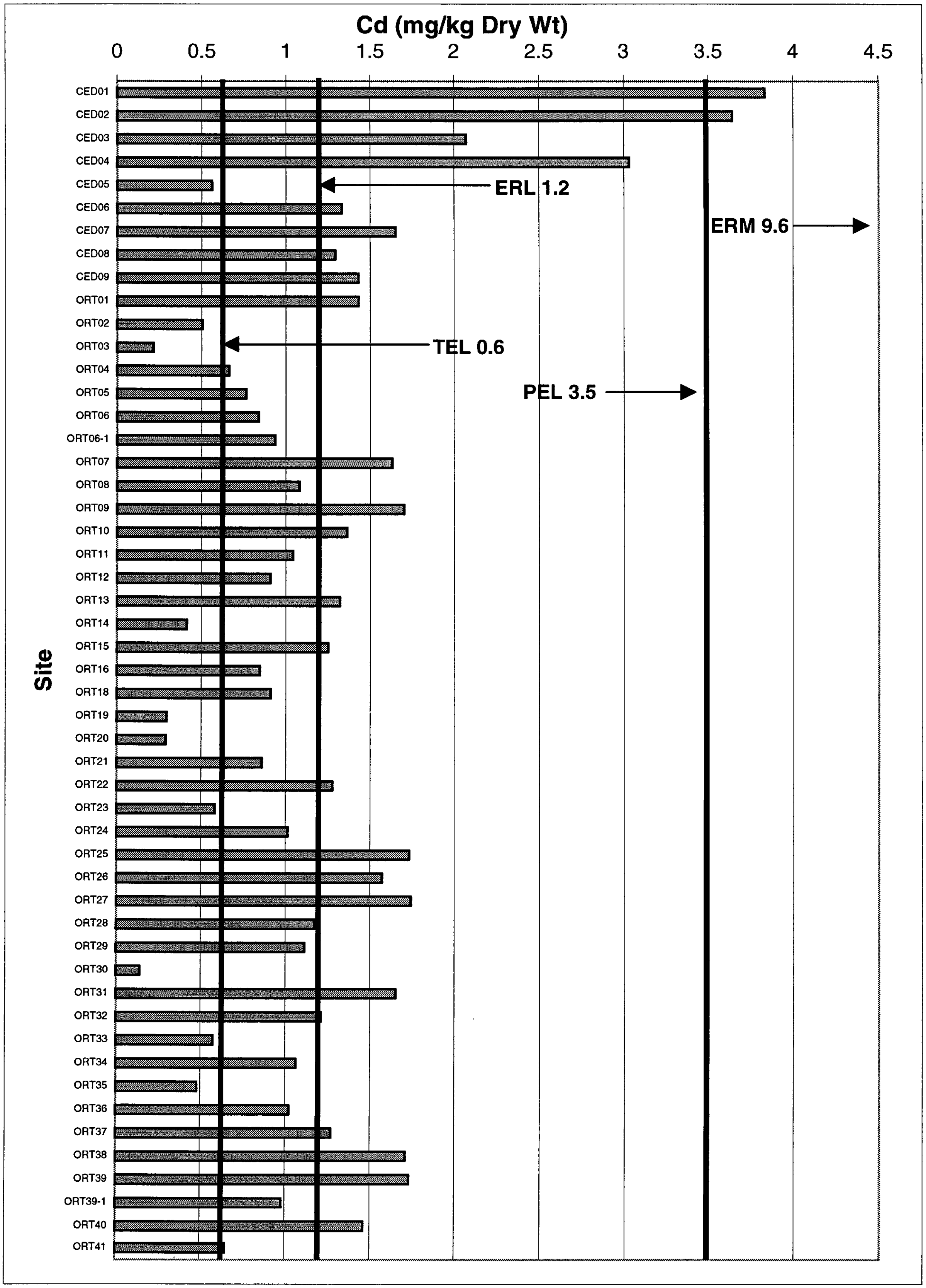


Dieldrin (ug/kg, dry weight)
0
2
4
6
8
10
Site ID
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41
TEL 2.85
PEL 6.67
ERL 0.02
ERM 8

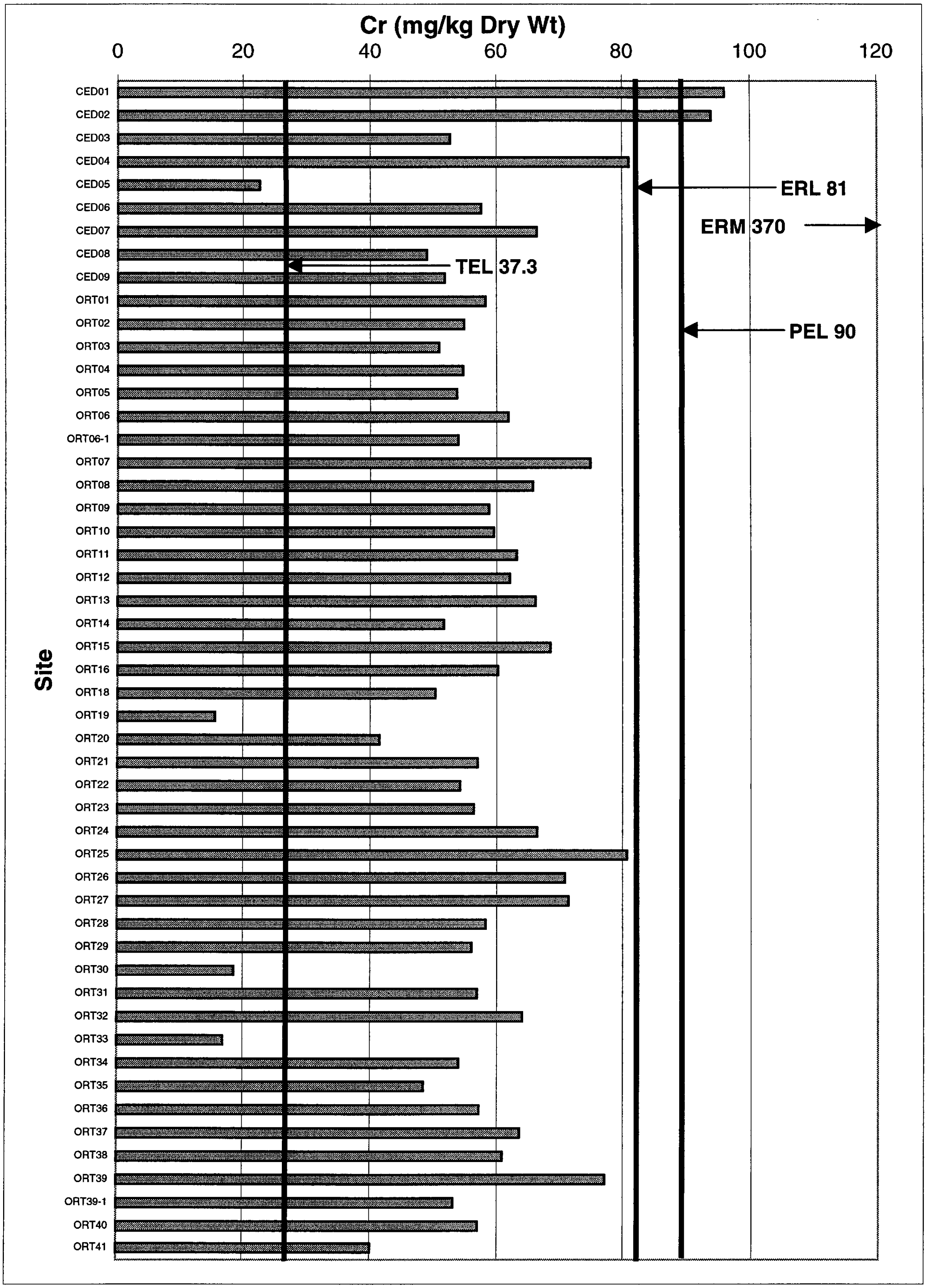


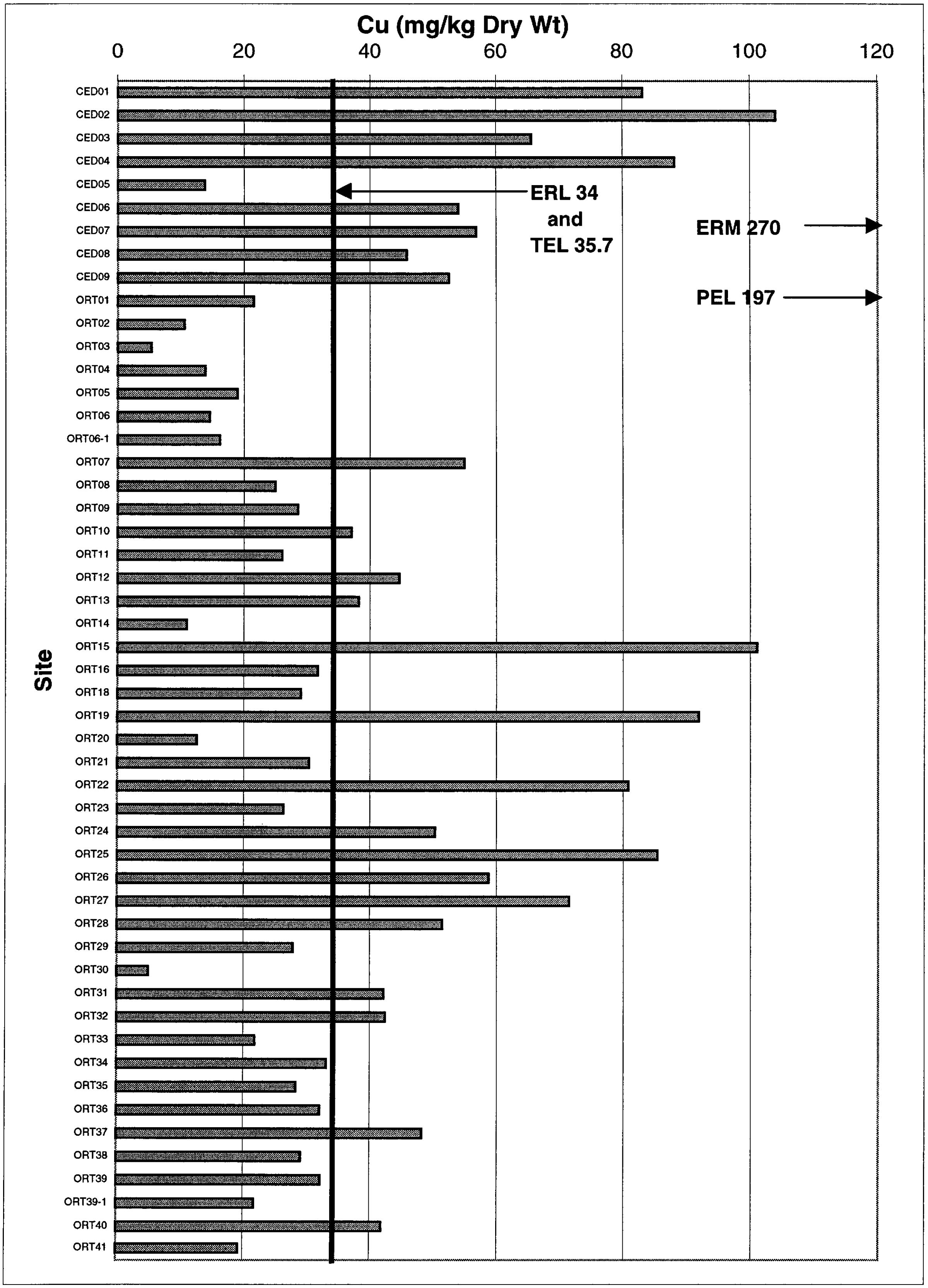
Lindane (ug/kg, dry weight)
0
1
2
3
4
Site
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41
TEL 0.94
PEL 1.38


As (mg/kg Dry Wt)
0
5
10
15
20
25
30
ERL 8.2
ERM 70
TEL 5.9
PEL 17
Site
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

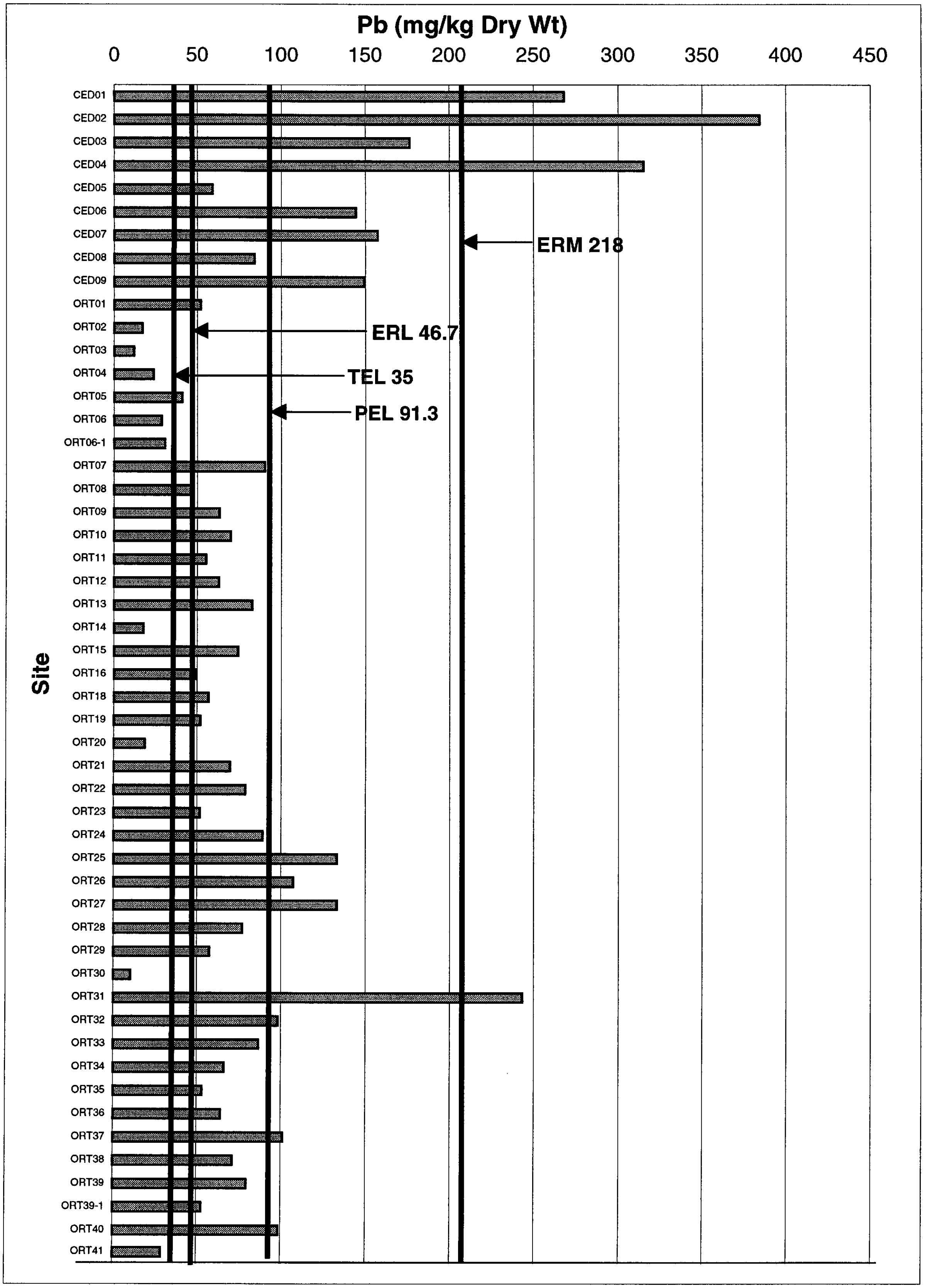


Cd (mg/kg Dry Wt)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
Site
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41
ERL 1.2
ERM 9.6
TEL 0.6
PEL 3.5

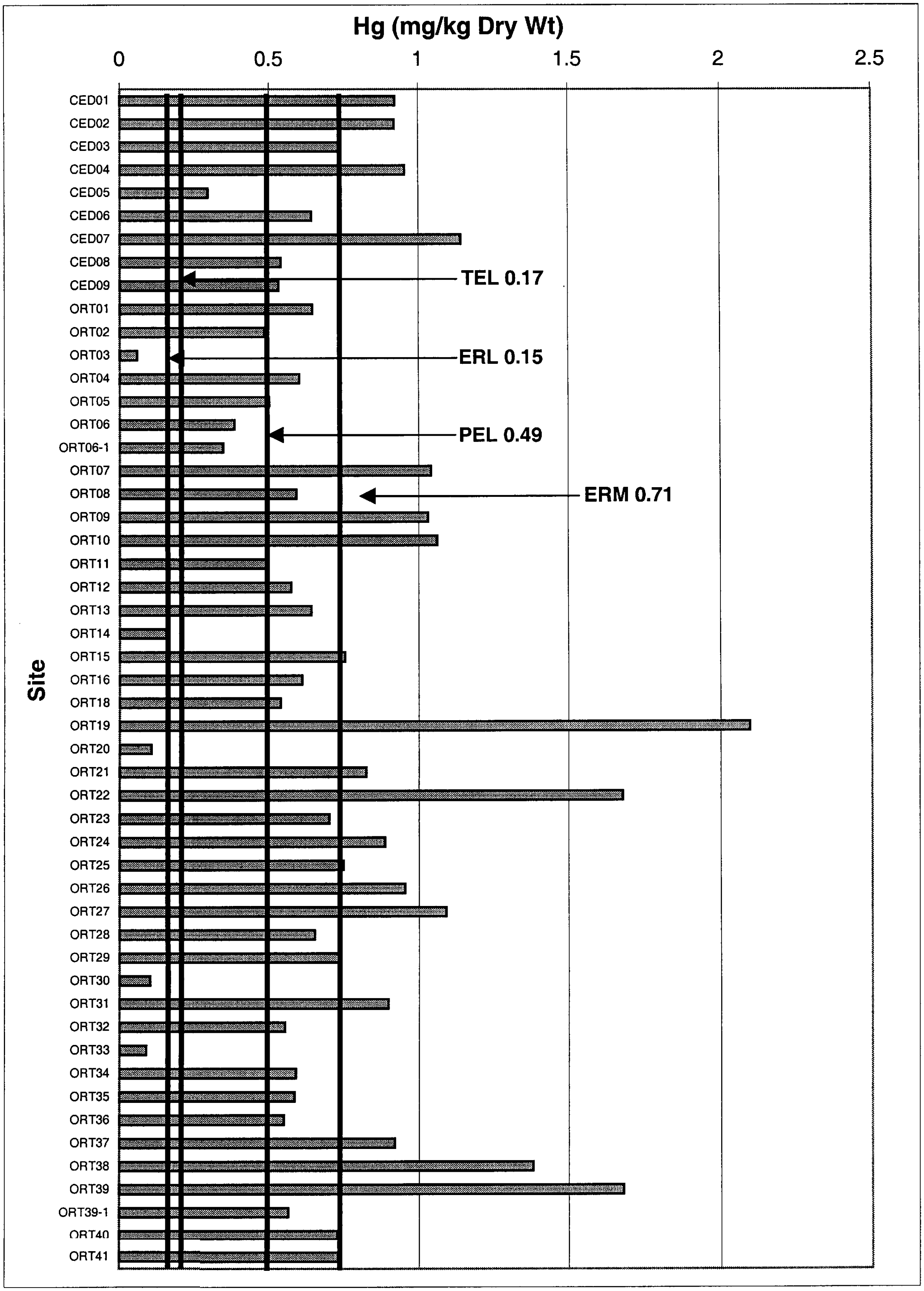

Cr (mg/kg Dry Wt)
0
20
40
60
80
100
120
Site
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41
ERL 81
ERM 370
TEL 37.3
PEL 90

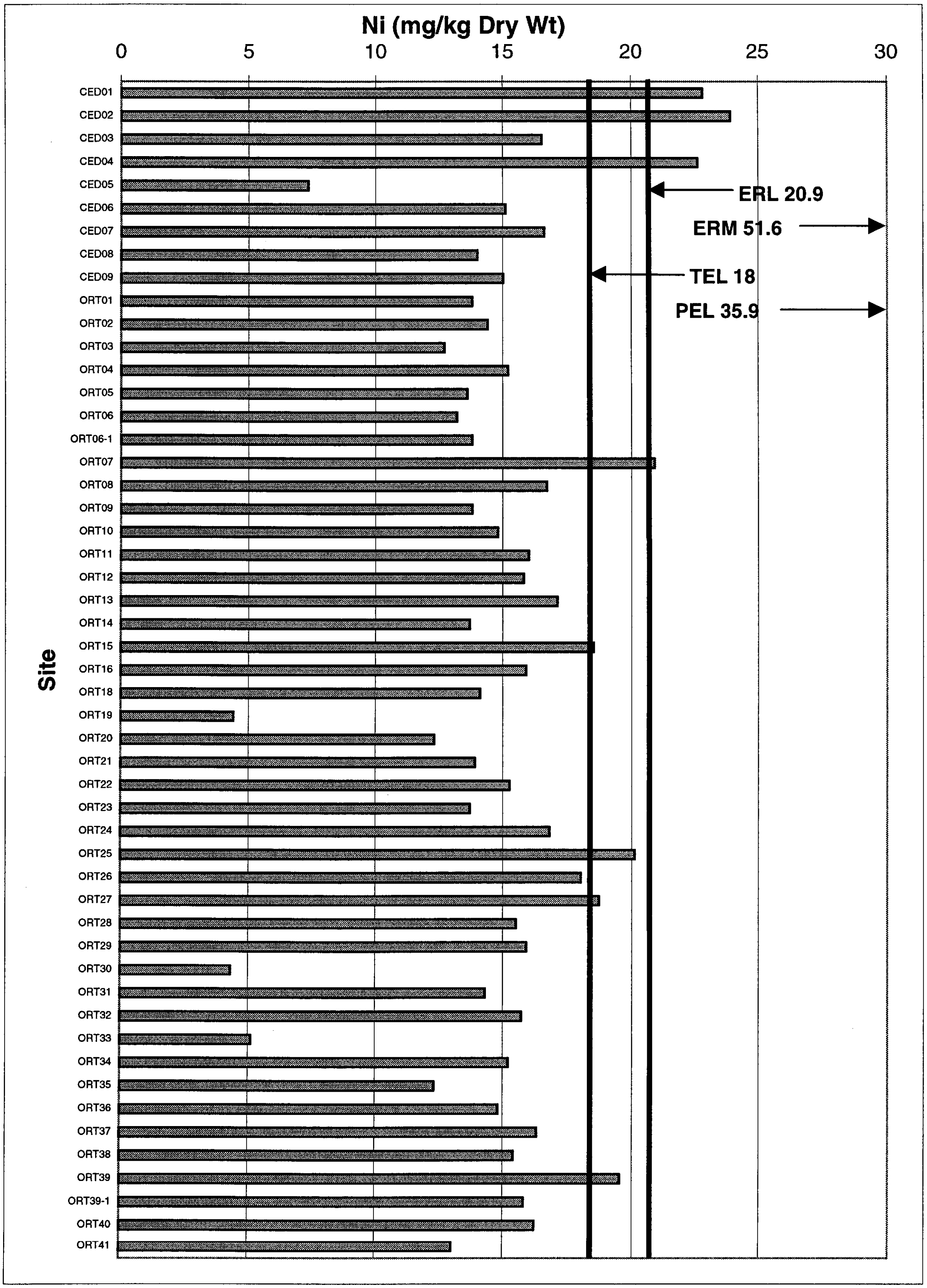


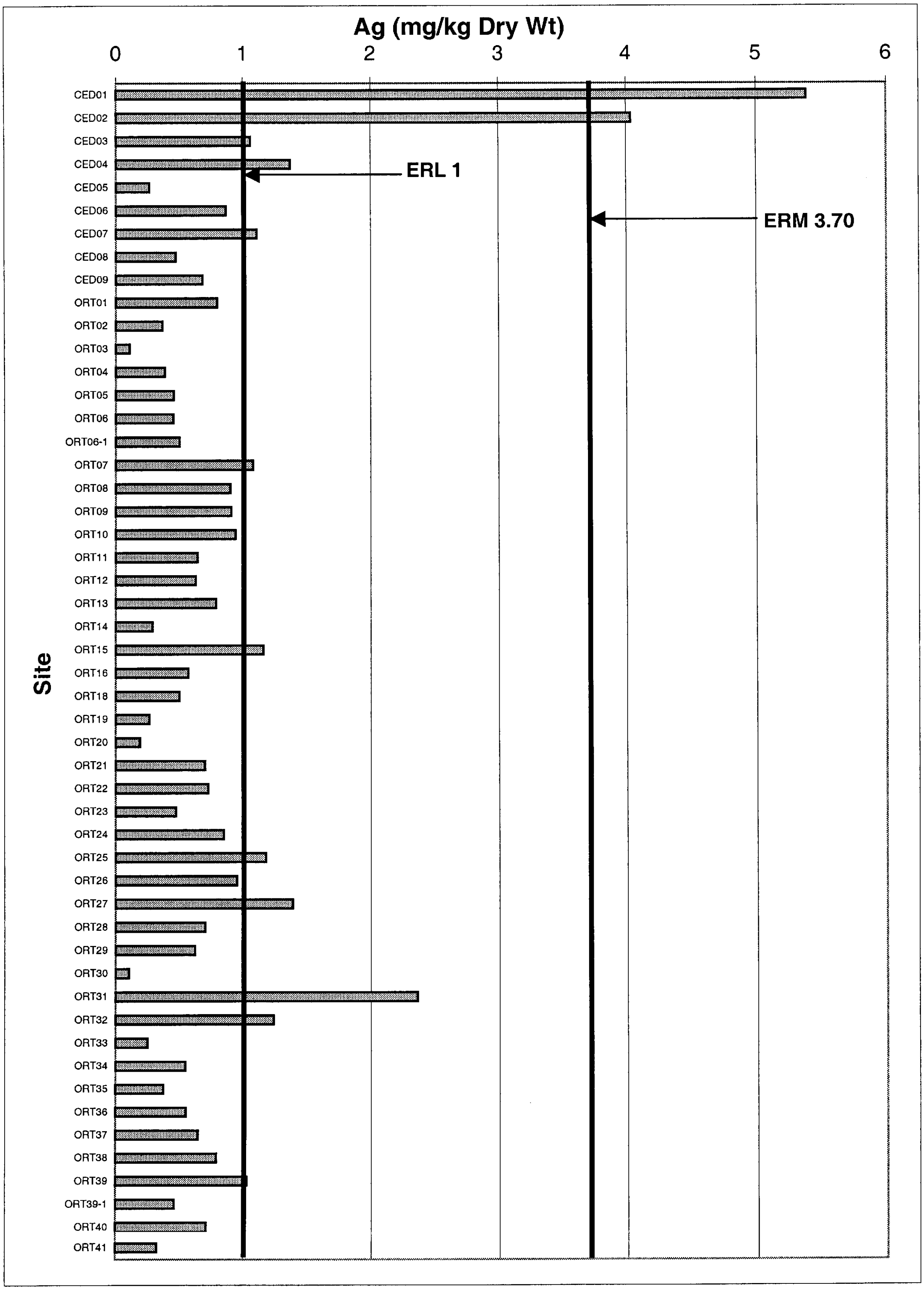
Cu (mg/kg Dry Wt)
0
20
40
60
80
100
120
Site
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41
ERL 34 and TEL 35.7
ERM 270
PEL 197

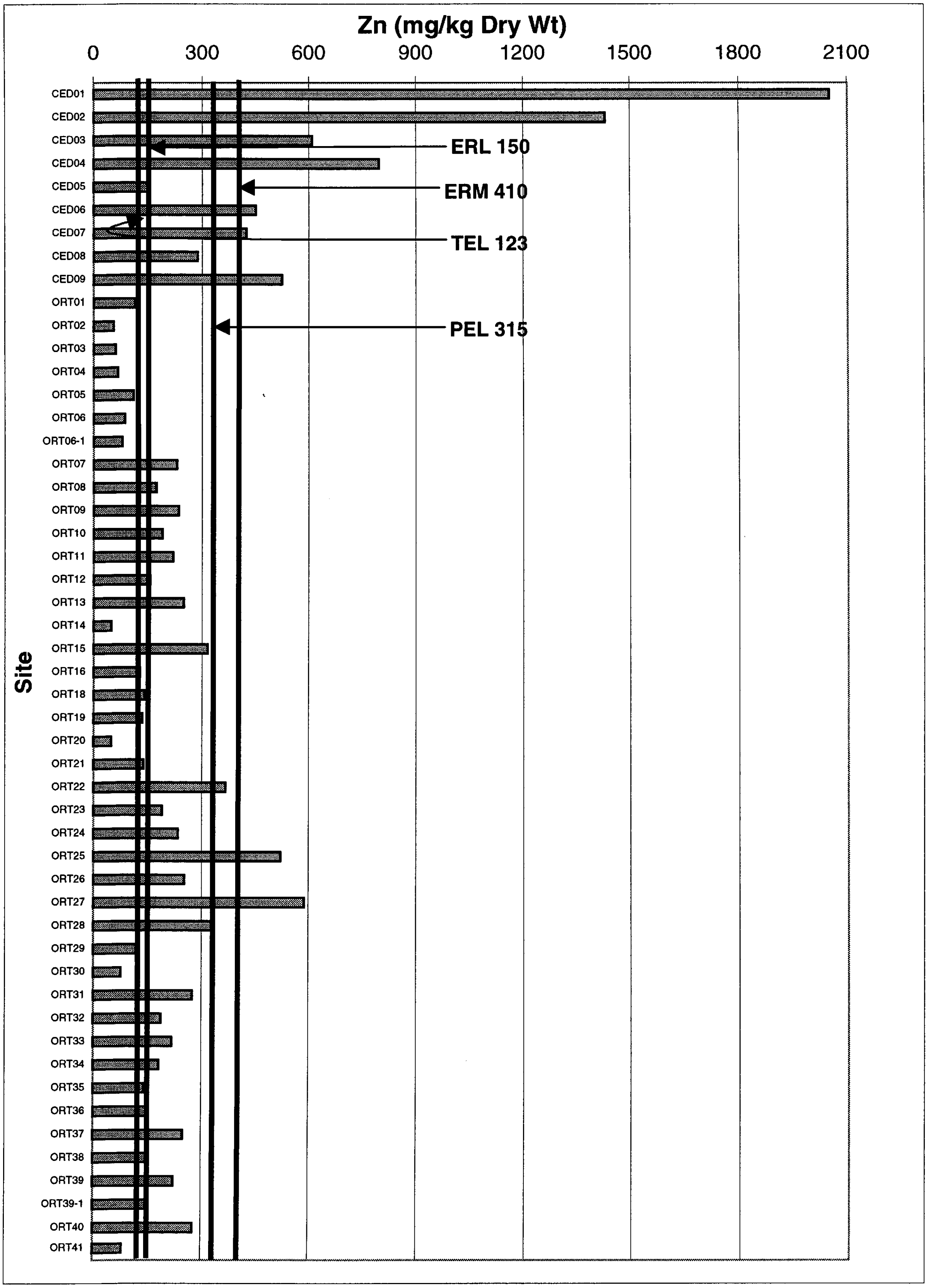


Pb (mg/kg Dry Wt)
0
50
100
150
200
250
300
350
400
450
Site
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41
ERM 218
ERL 46.7
TEL 35
PEL 91.3


Hg (mg/kg Dry Wt)
0
0.5
1
1.5
2
2.5
Site
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41
TEL 0.17
ERL 0.15
PEL 0.49
ERM 0.71

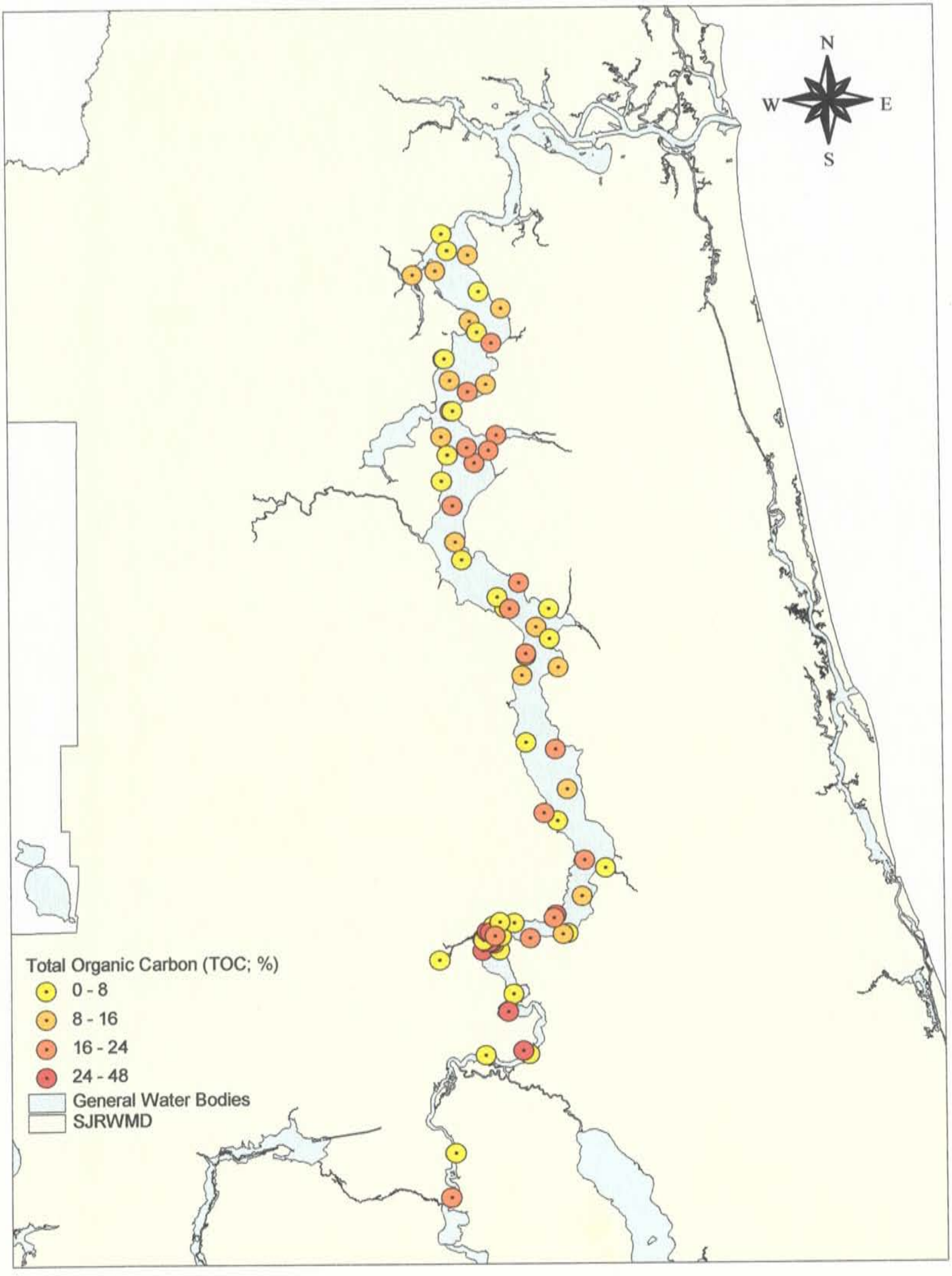

Ni (mg/kg Dry Wt)
0
5
10
15
20
25
30
ERL 20.9
ERM 51.6
TEL 18
PEL 35.9
Site
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41

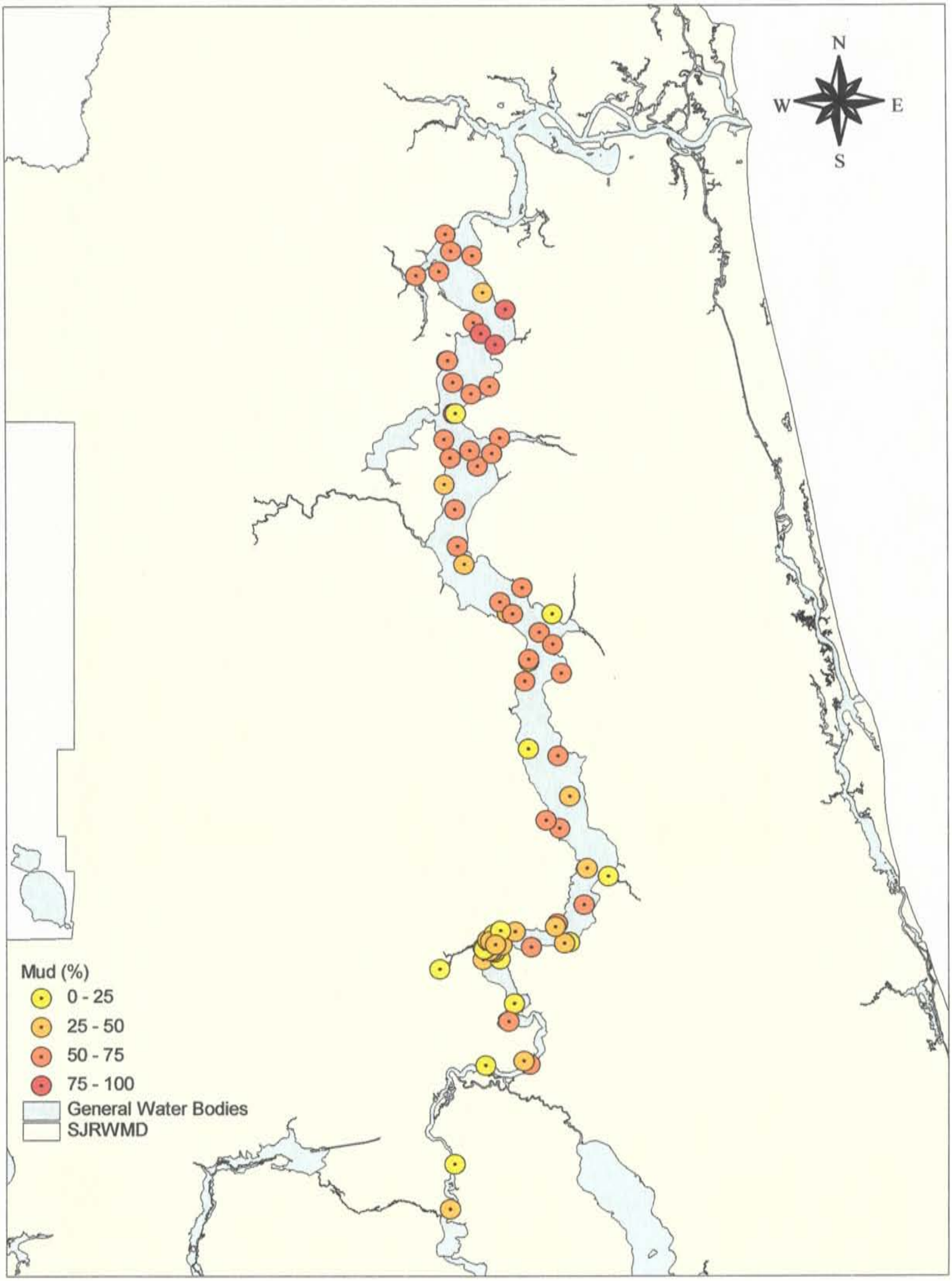

Ag (mg/kg Dry Wt)
0
1
2
3
4
5
6
Site
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41
ERL 1
ERM 3.70

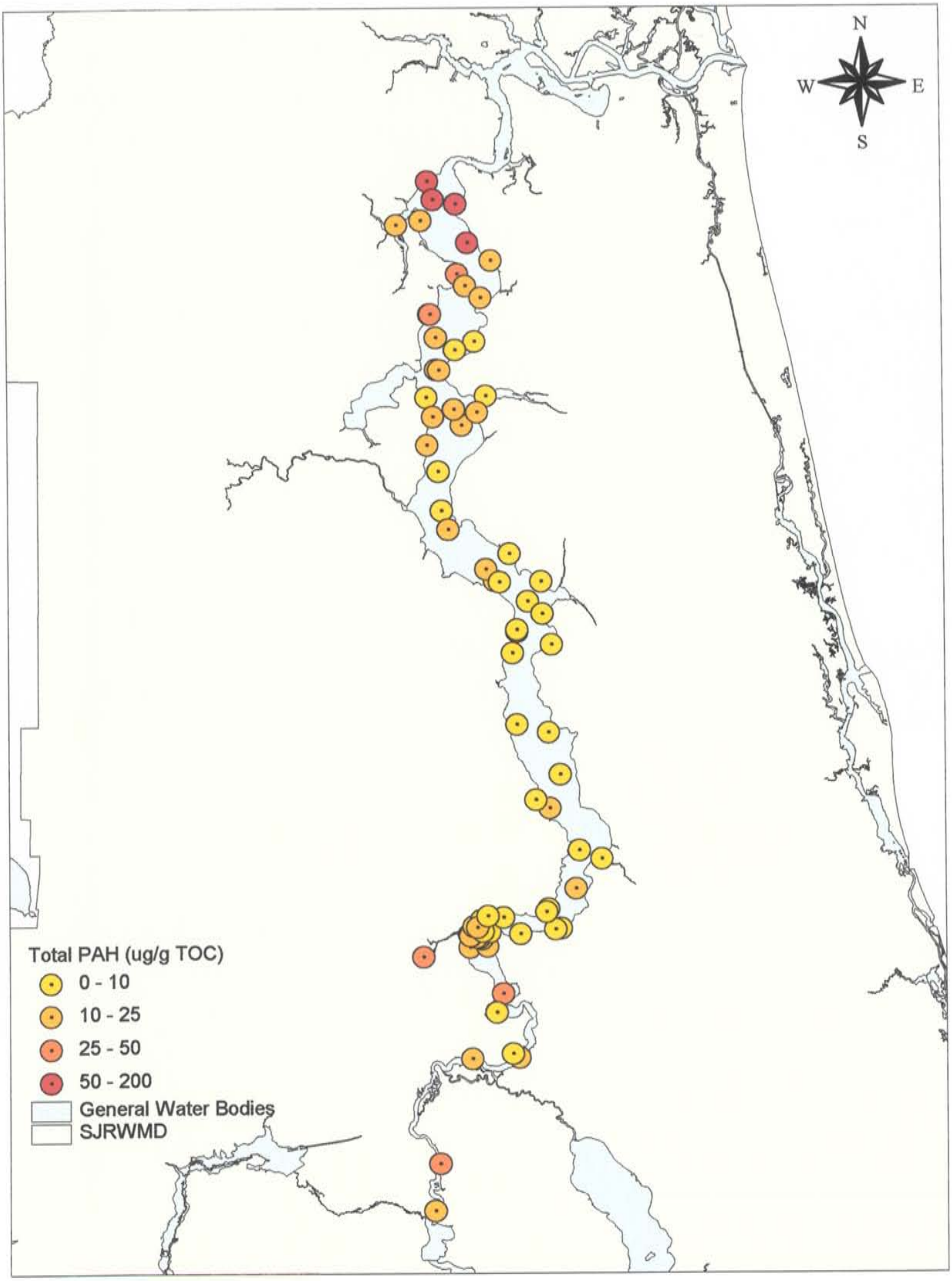


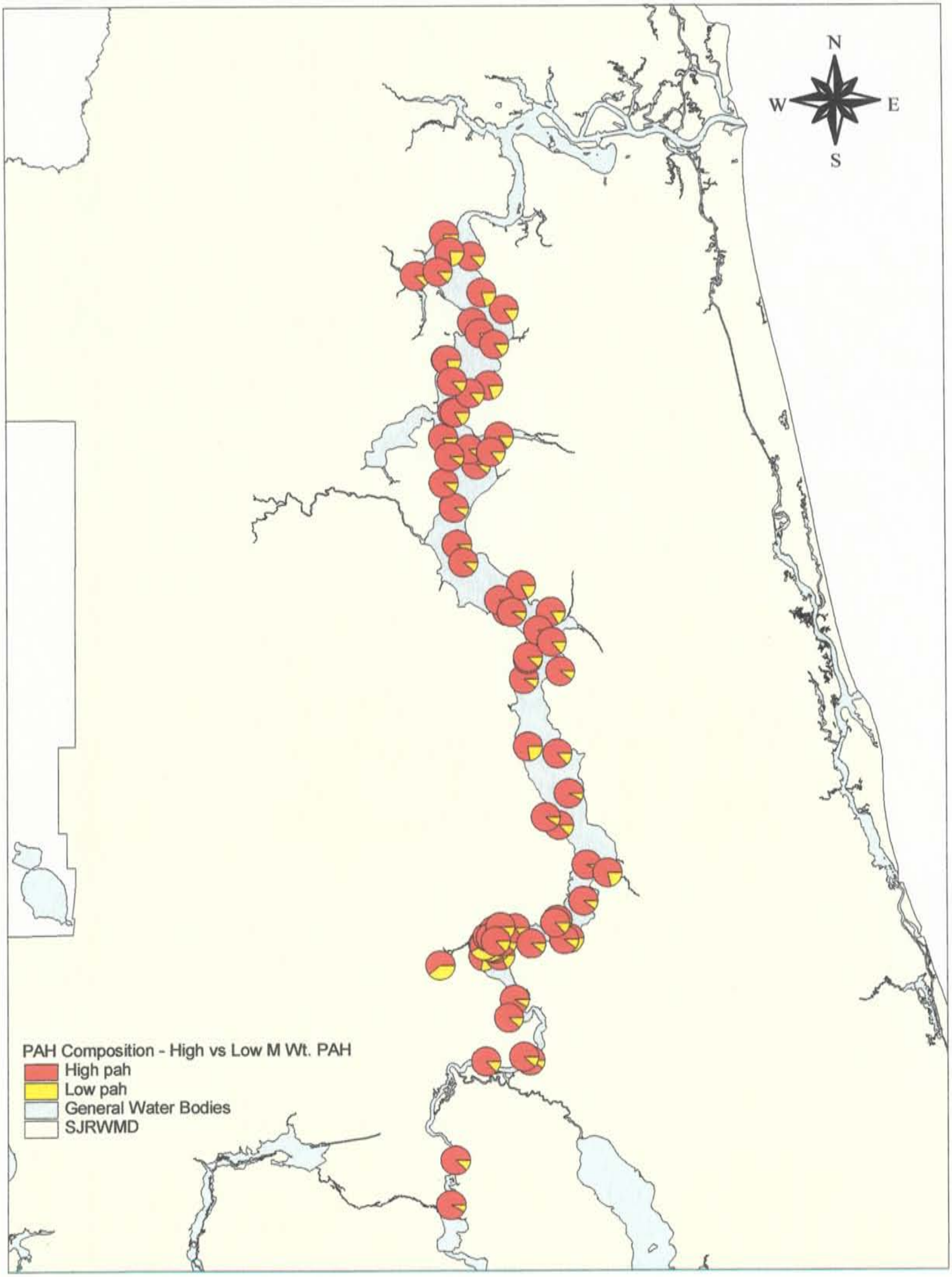
Zn (mg/kg Dry Wt)
0
300
600
900
1200
1500
1800
2100
Site
CED01
CED02
CED03
CED04
CED05
CED06
CED07
CED08
CED09
ORT01
ORT02
ORT03
ORT04
ORT05
ORT06
ORT06-1
ORT07
ORT08
ORT09
ORT10
ORT11
ORT12
ORT13
ORT14
ORT15
ORT16
ORT18
ORT19
ORT20
ORT21
ORT22
ORT23
ORT24
ORT25
ORT26
ORT27
ORT28
ORT29
ORT30
ORT31
ORT32
ORT33
ORT34
ORT35
ORT36
ORT37
ORT38
ORT39
ORT39-1
ORT40
ORT41
ERL 150
ERM 410
TEL 123
PEL 315

Appendix N. Contaminant Levels Displayed on Maps

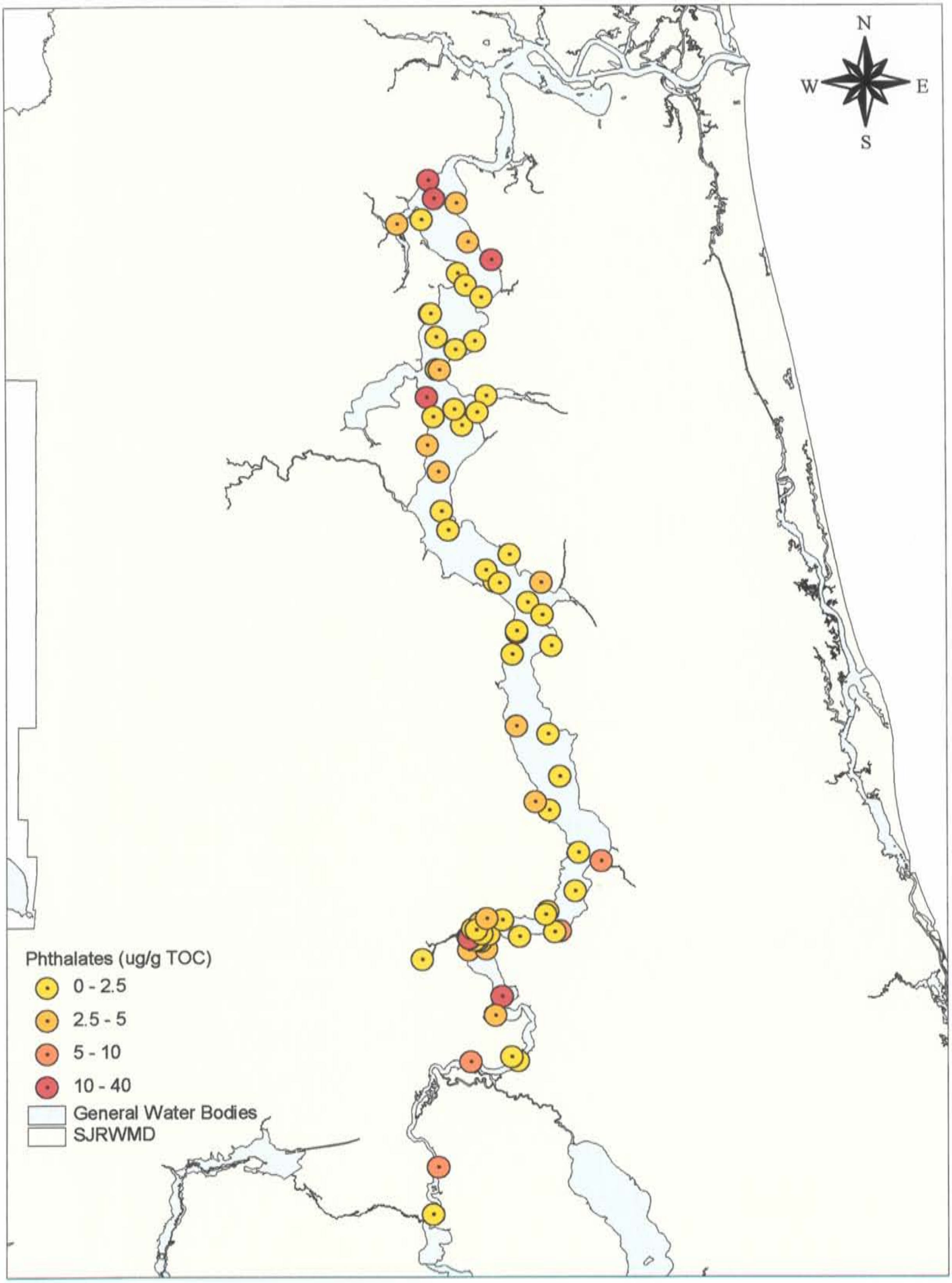

N
W
E
S
Total Organic Carbon (TOC; %)
0 - 8
8 - 16
16 - 24
24 - 48
General Water Bodies
SJRWMD

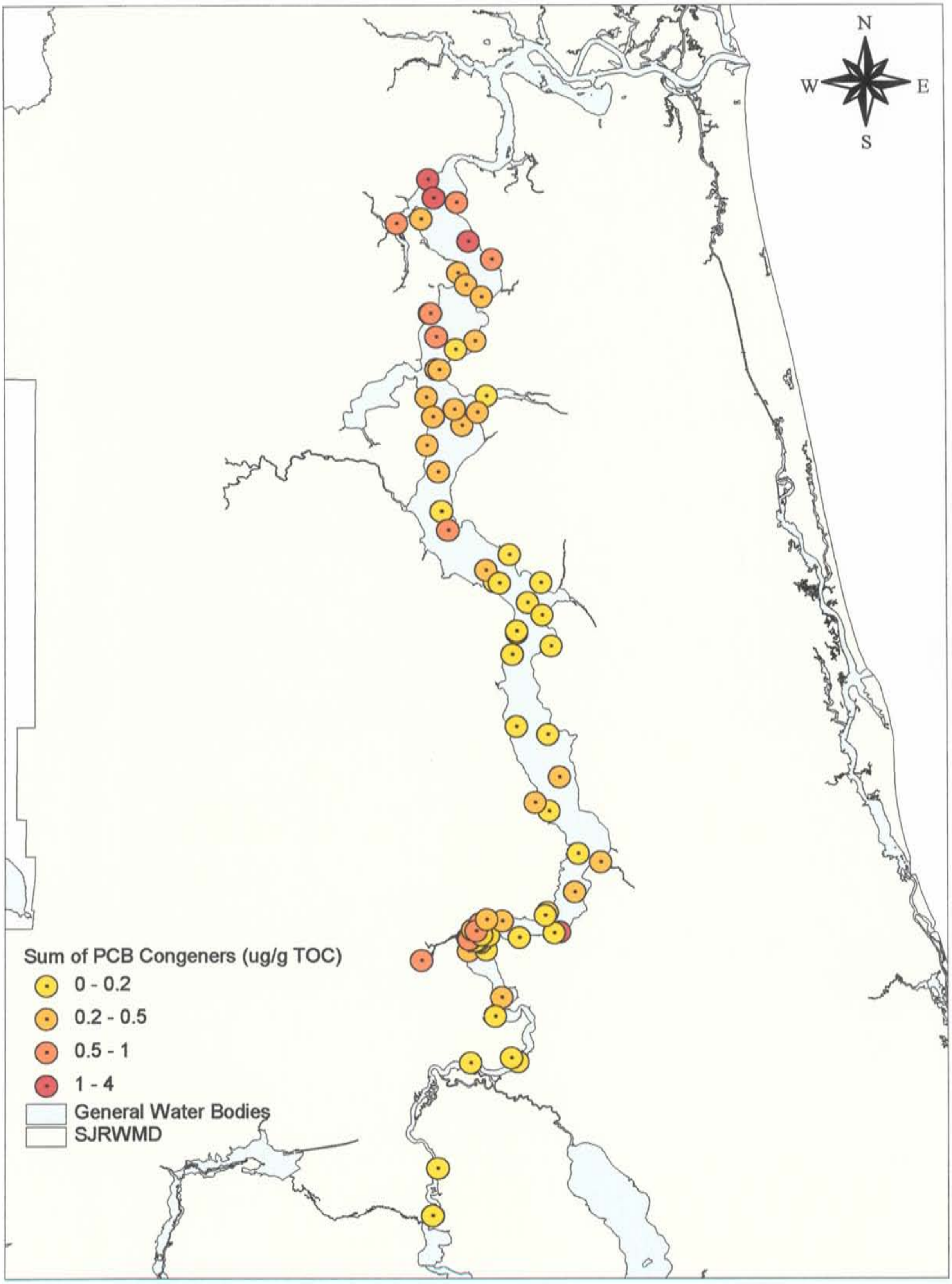

N
W
E
S
Mud (%)
0 - 25
25 - 50
50 - 75
75 - 100
General Water Bodies
SJRWMD

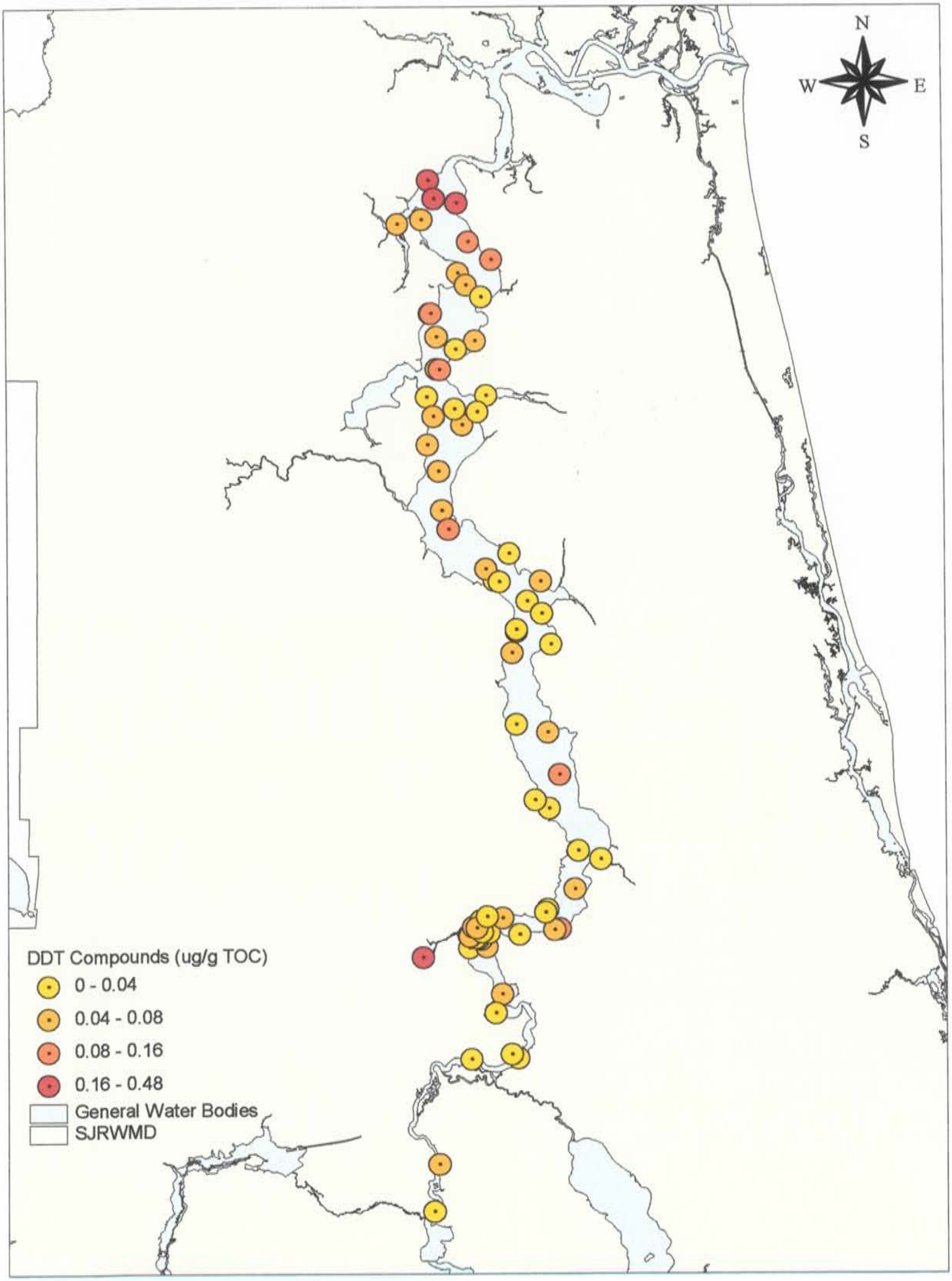

N
W
E
S
Total PAH (ug/g TOC)
0 - 10
10 - 25
25 - 50
50 - 200
General Water Bodies
SJRWMD

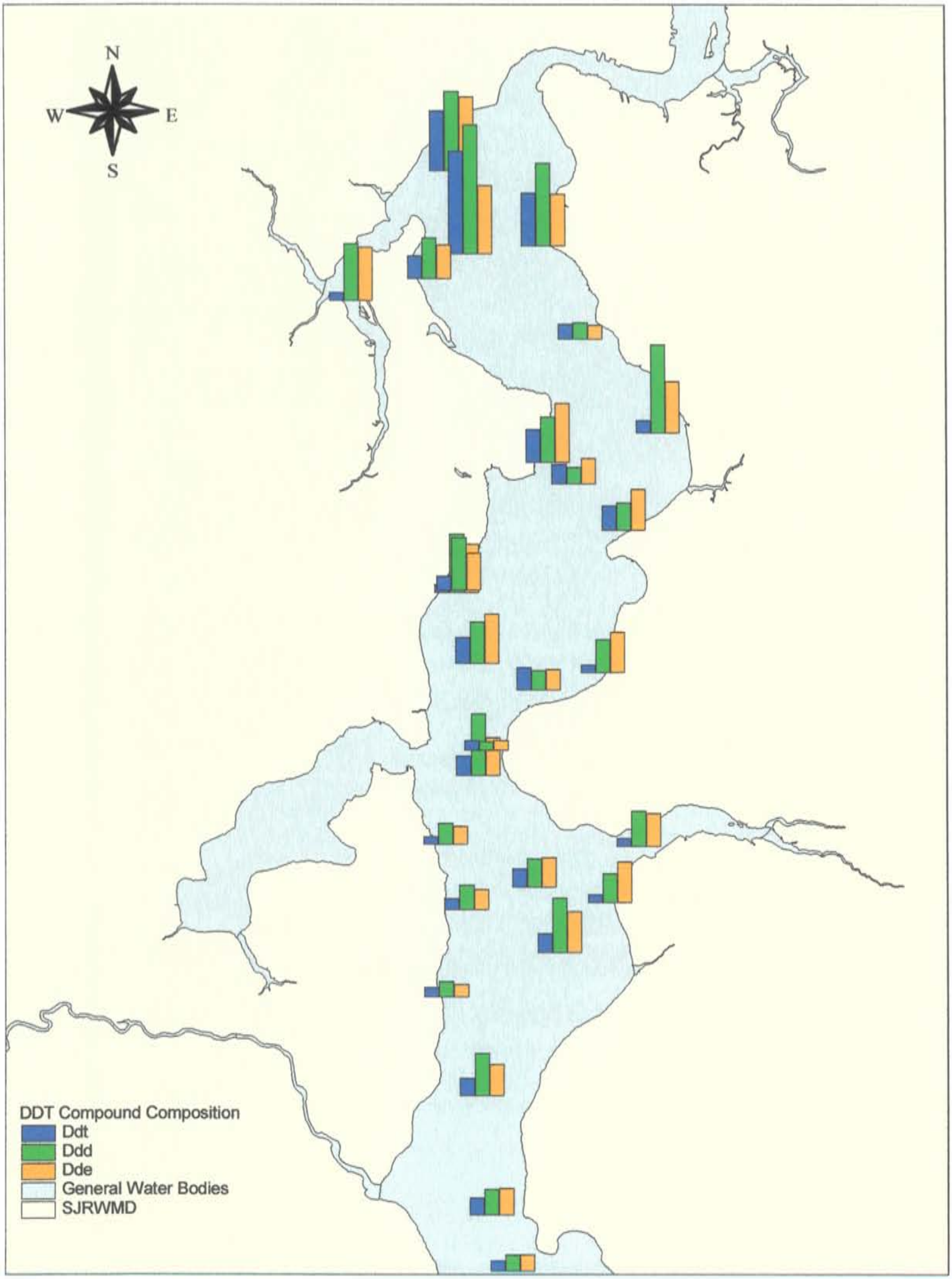


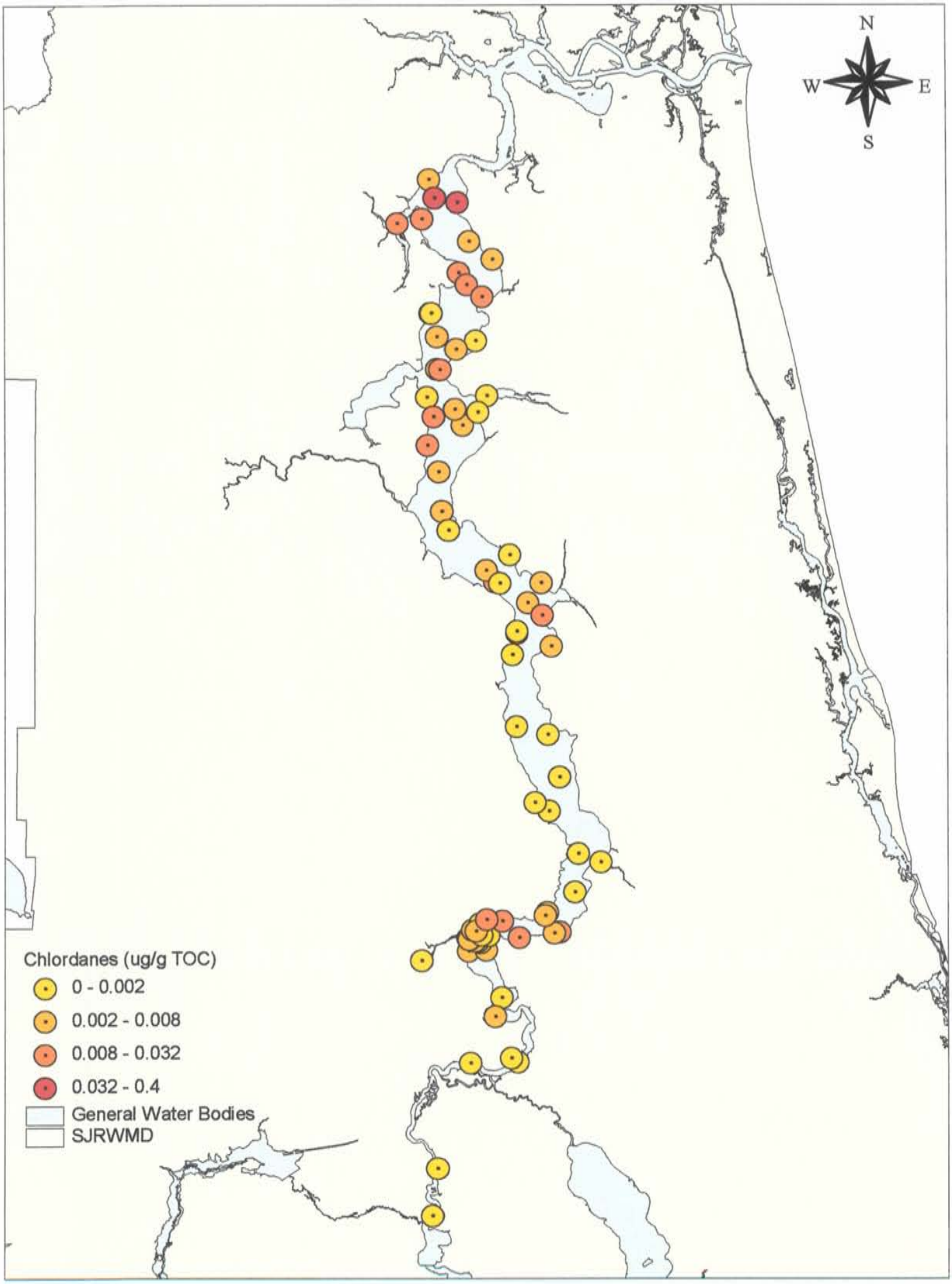
N
W
E
S
PAH Composition - High vs Low M Wt. PAH
High pah
Low pah
General Water Bodies
SJRWMD

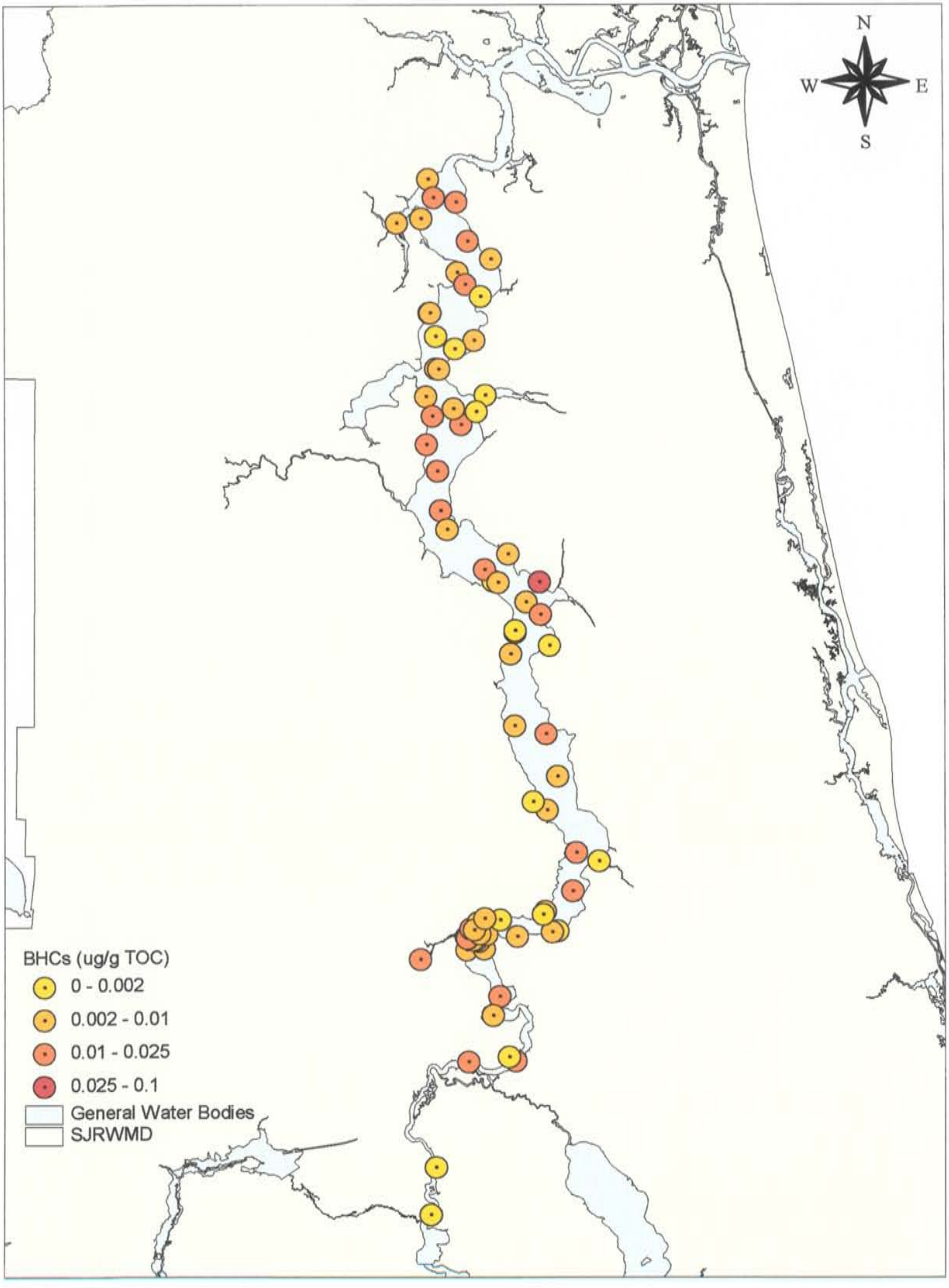

N
W
E
S
Phthalates (ug/g TOC)
0 - 2.5
2.5 - 5
5 - 10
10 - 40
General Water Bodies
SJRWMD

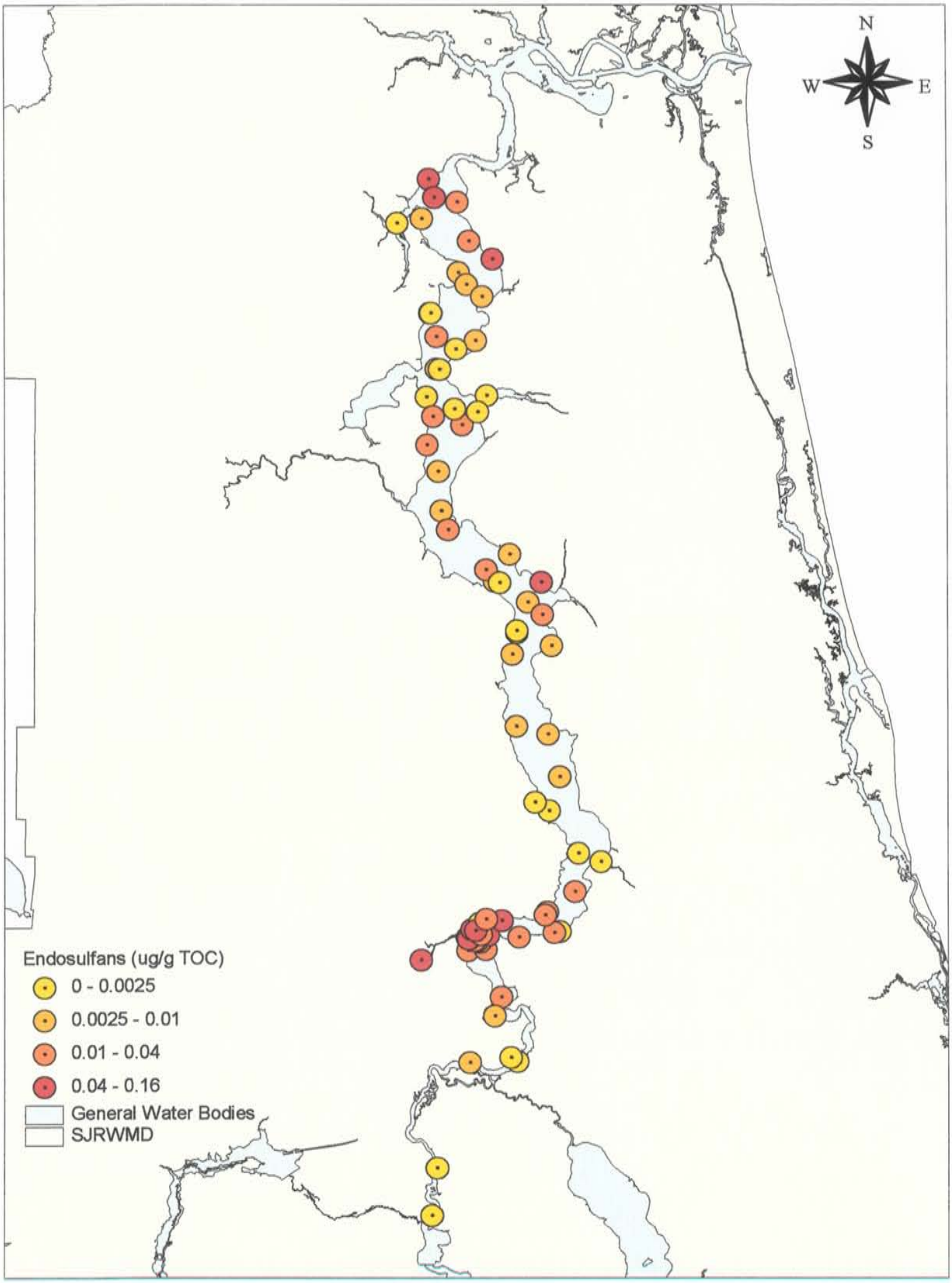

N
W
E
S
Sum of PCB Congeners (ug/g TOC)
0 - 0.2
0.2 - 0.5
0.5 - 1
1 - 4
General Water Bodies
SJRWMD

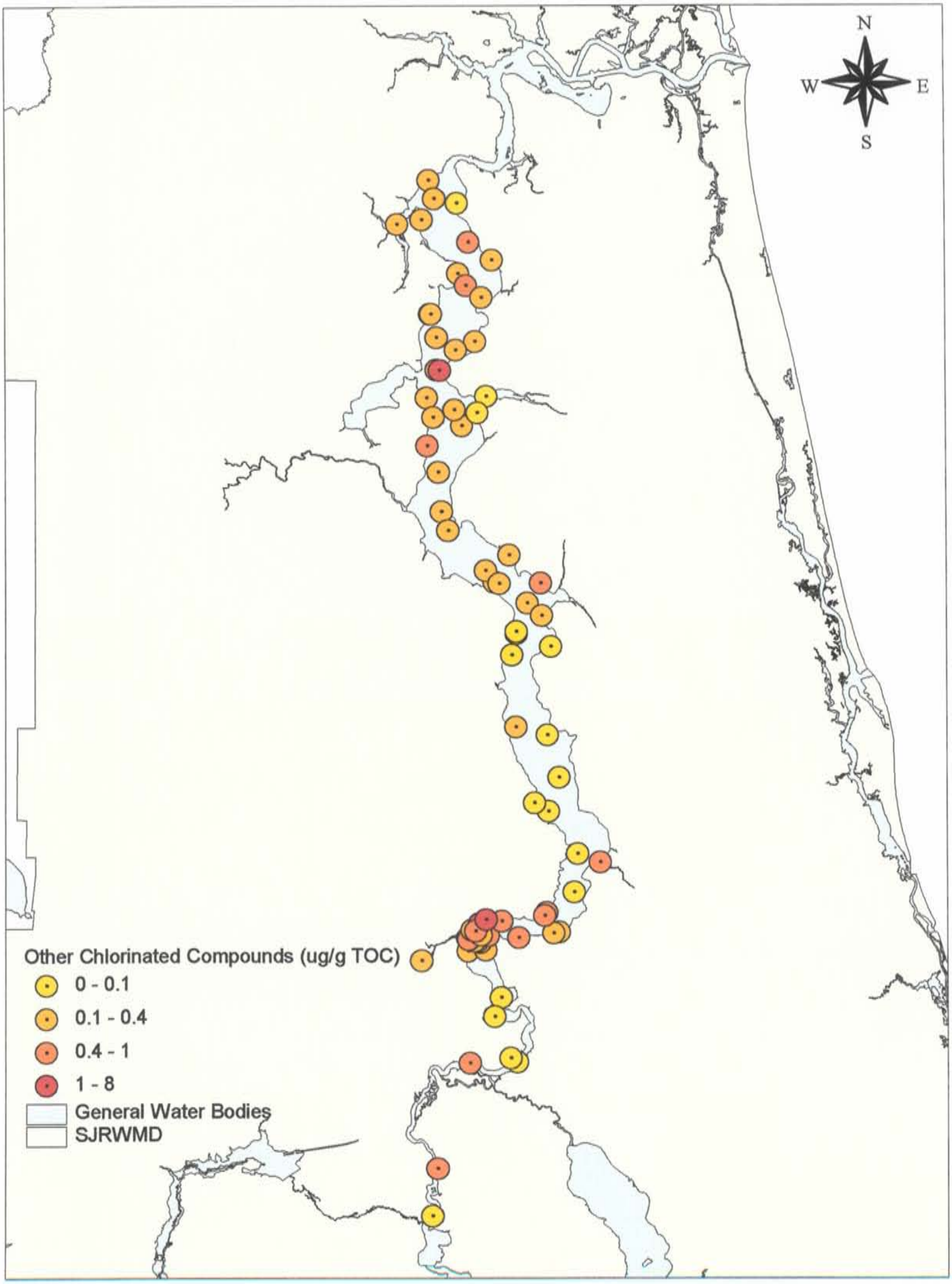

N
W
E
S
DDT Compounds (ug/g TOC)
0 - 0.04
0.04 - 0.08
0.08 - 0.16
0.16 - 0.48
General Water Bodies
SJRWMD

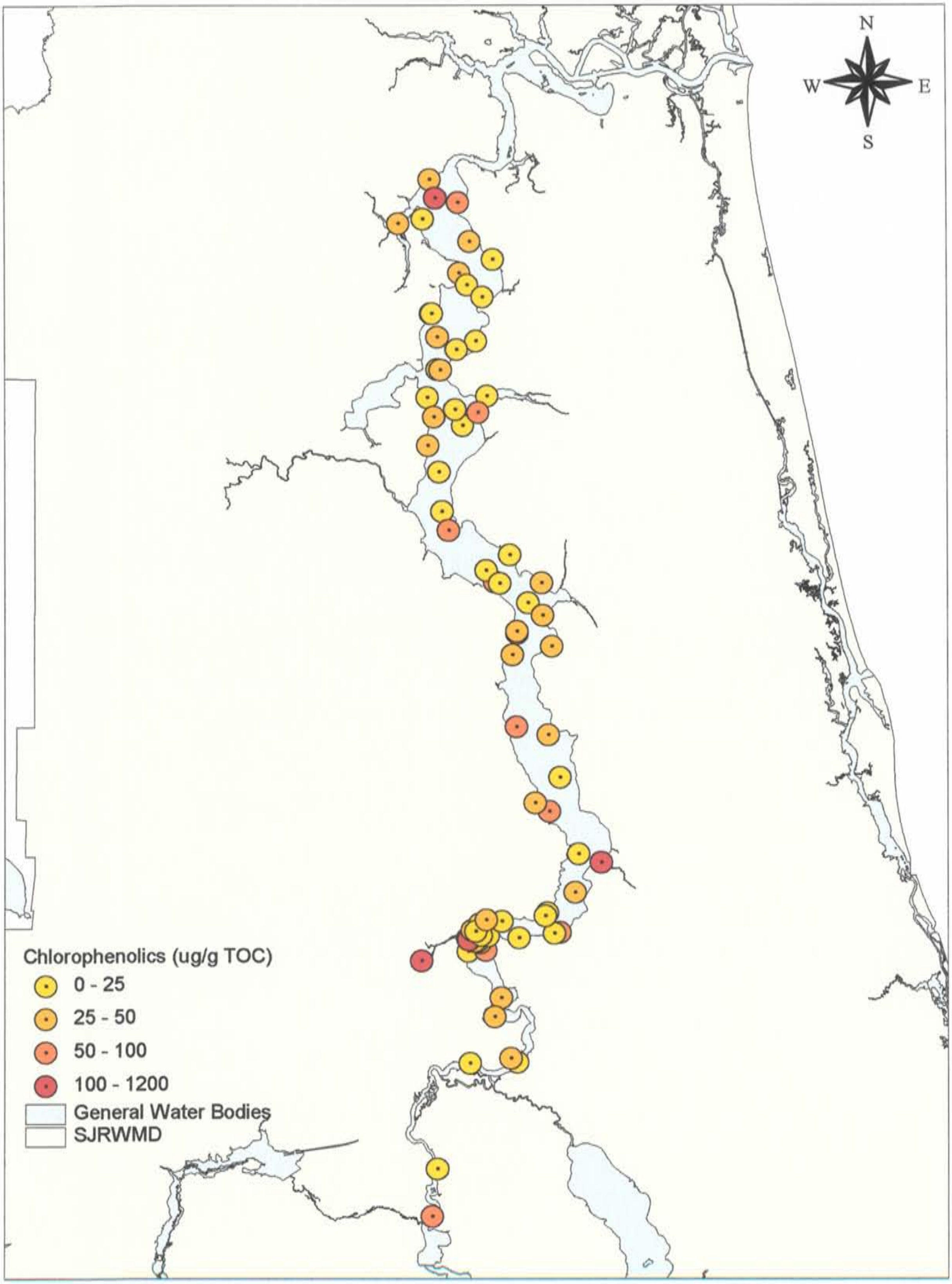

N
W
E
S
DDT Compound Composition
Ddt
Ddd
Dde
General Water Bodies
SJRWMD

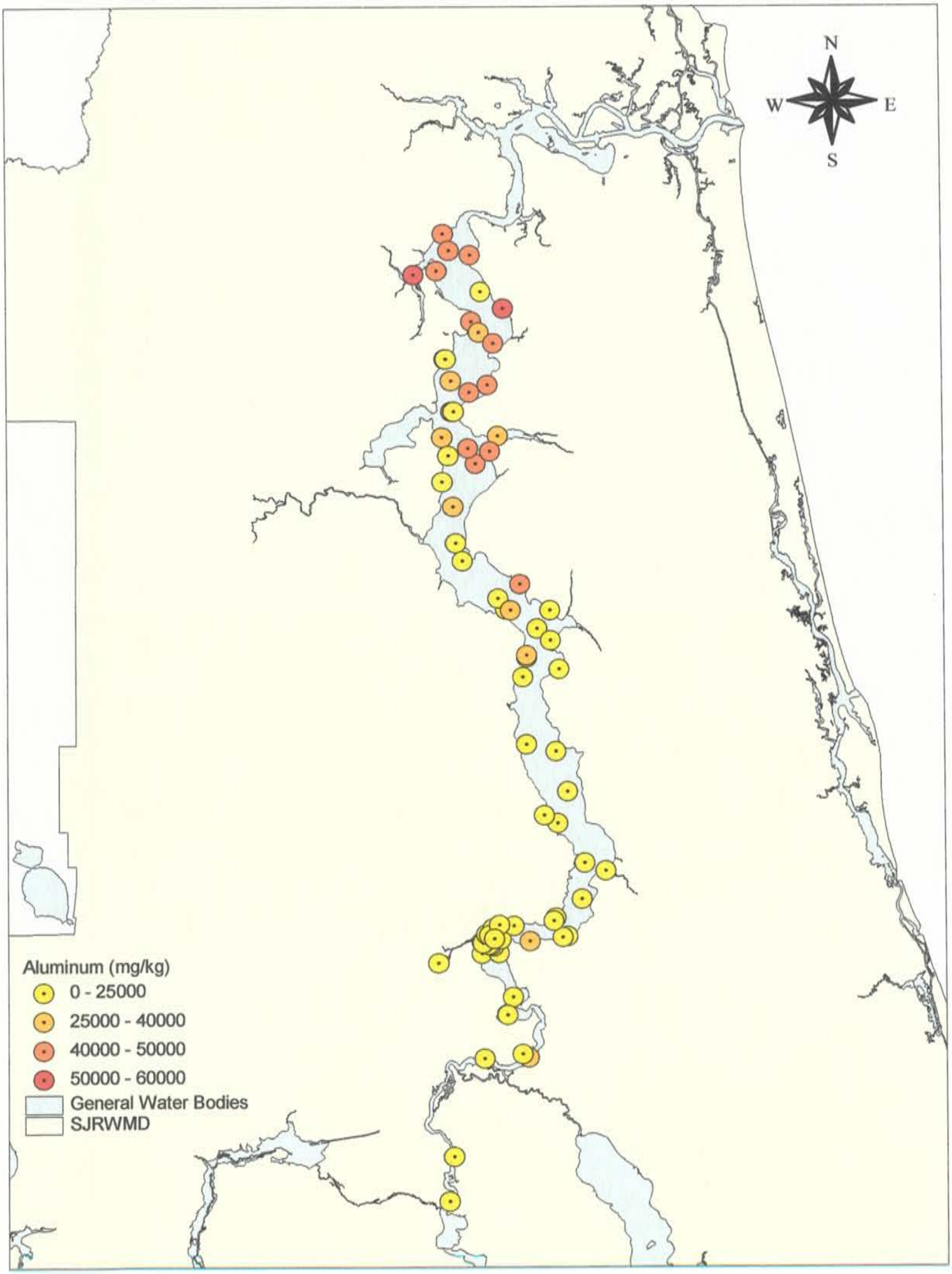

N
W
E
S
Chlordanes (ug/g TOC)
0 - 0.002
0.002 - 0.008
0.008 - 0.032
0.032 - 0.4
General Water Bodies
SJRWMD

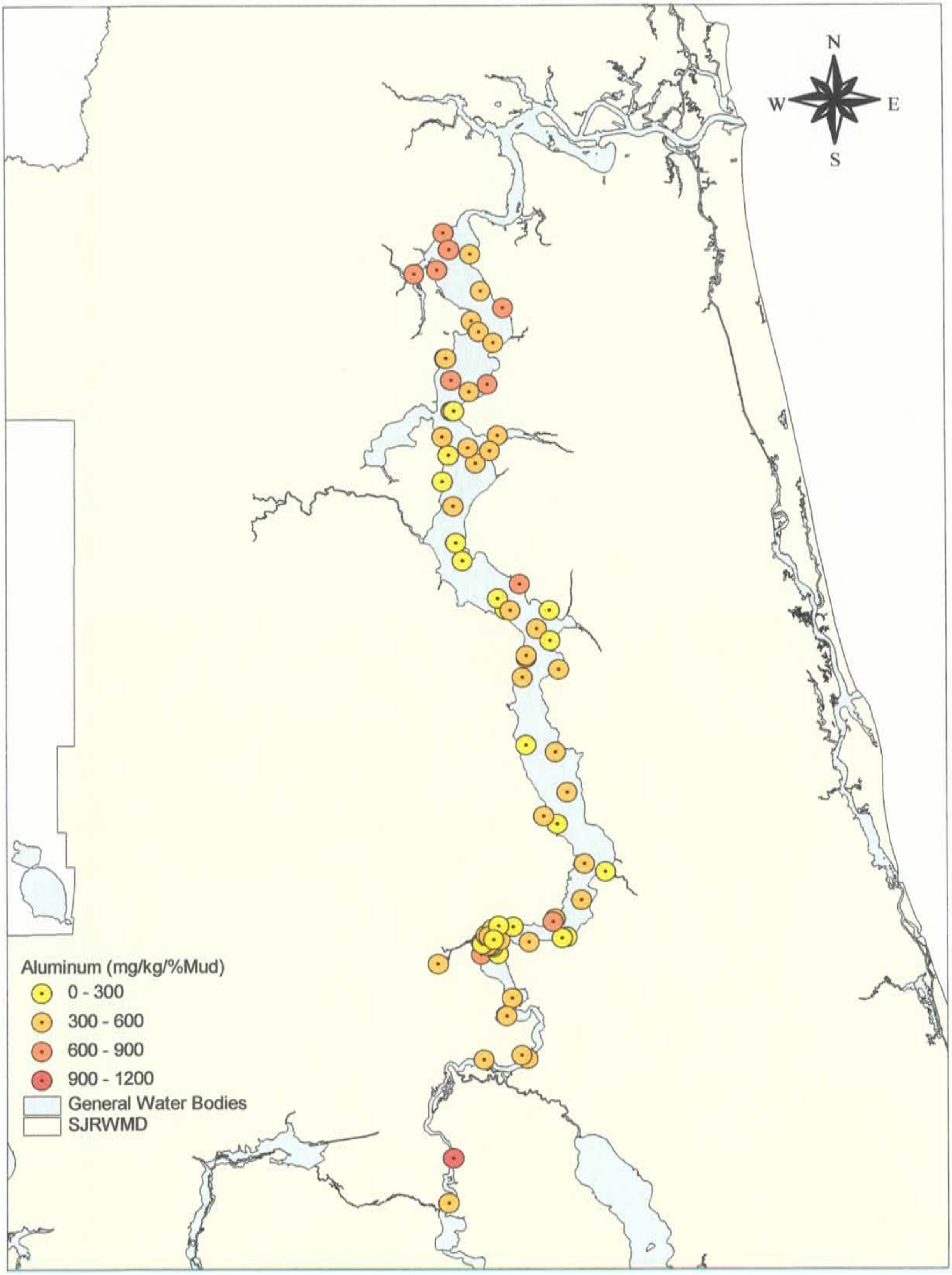

N
W
E
S
BHCs (ug/g TOC)
0 - 0.002
0.002 - 0.01
0.01 - 0.025
0.025 - 0.1
General Water Bodies
SJRWMD


N
W
E
S
Endosulfans (ug/g TOC)
0 - 0.0025
0.0025 - 0.01
0.01 - 0.04
0.04 - 0.16
General Water Bodies
SJRWMD

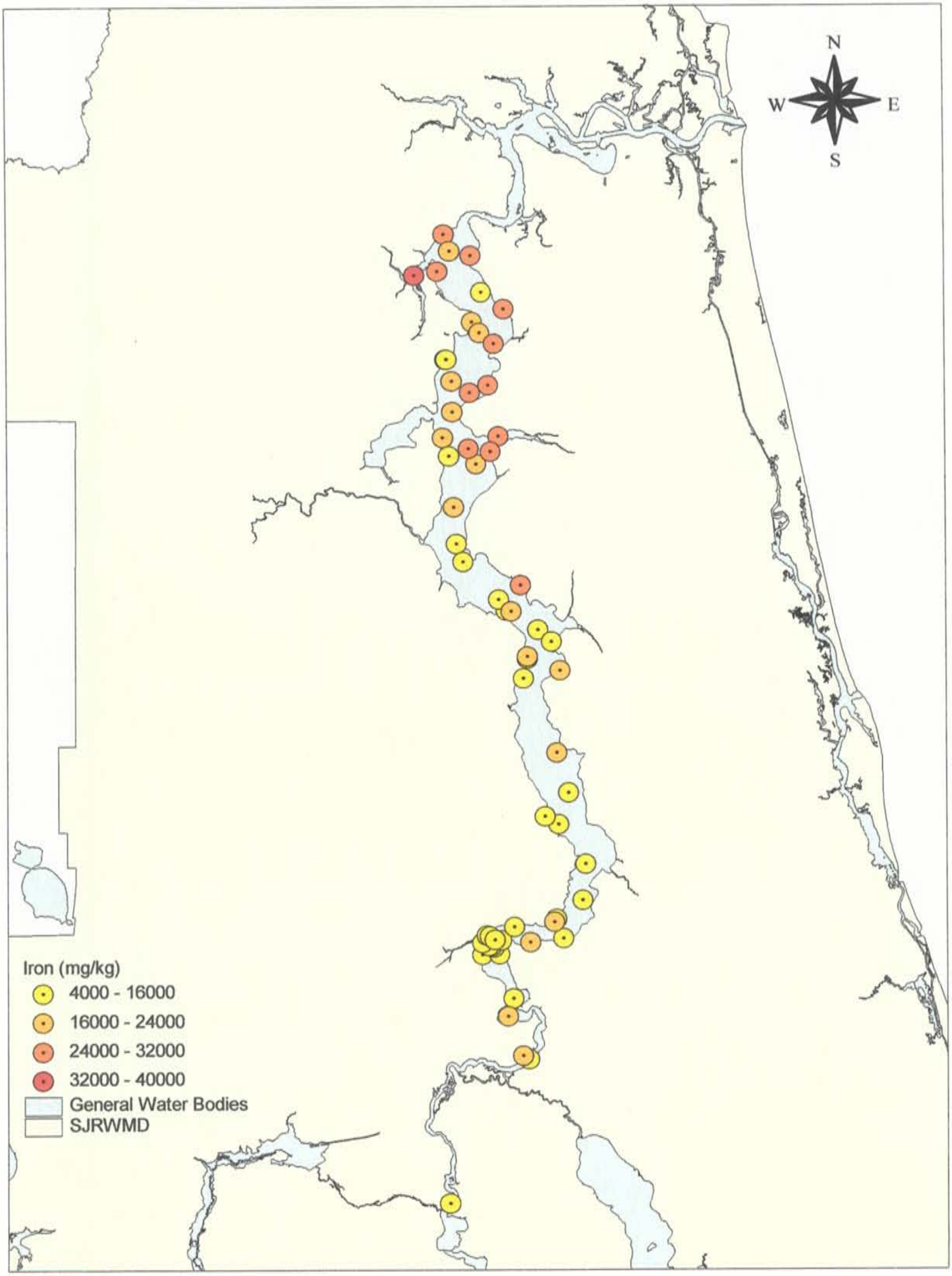

N
W
E
S
Other Chlorinated Compounds (ug/g TOC)
0 - 0.1
0.1 - 0.4
0.4 - 1
1 - 8
General Water Bodies
SJRWMD

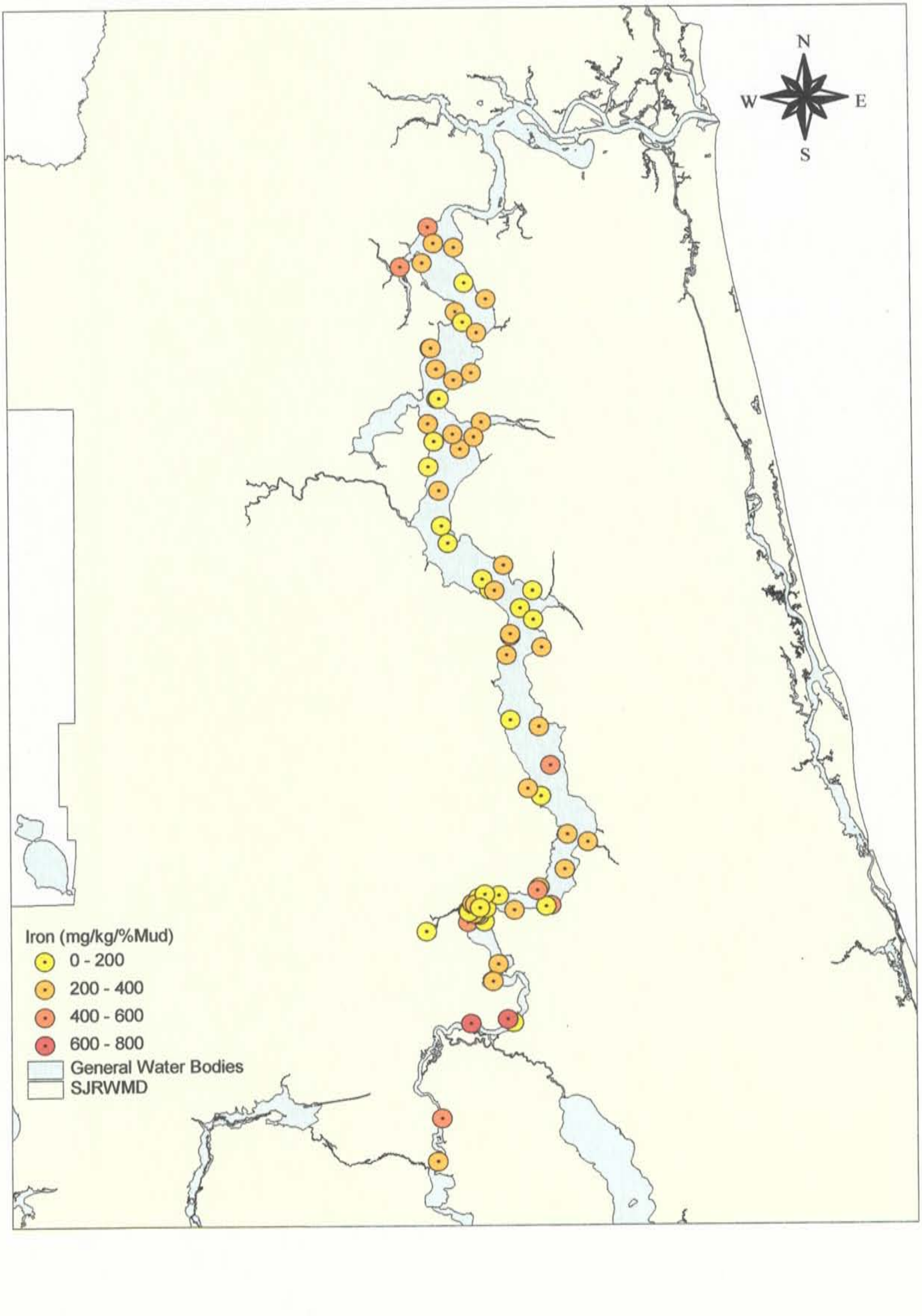

N
W
E
S
Chlorophenolics (ug/g TOC)
0 - 25
25 - 50
50 - 100
100 - 1200
General Water Bodies
SJRWMD

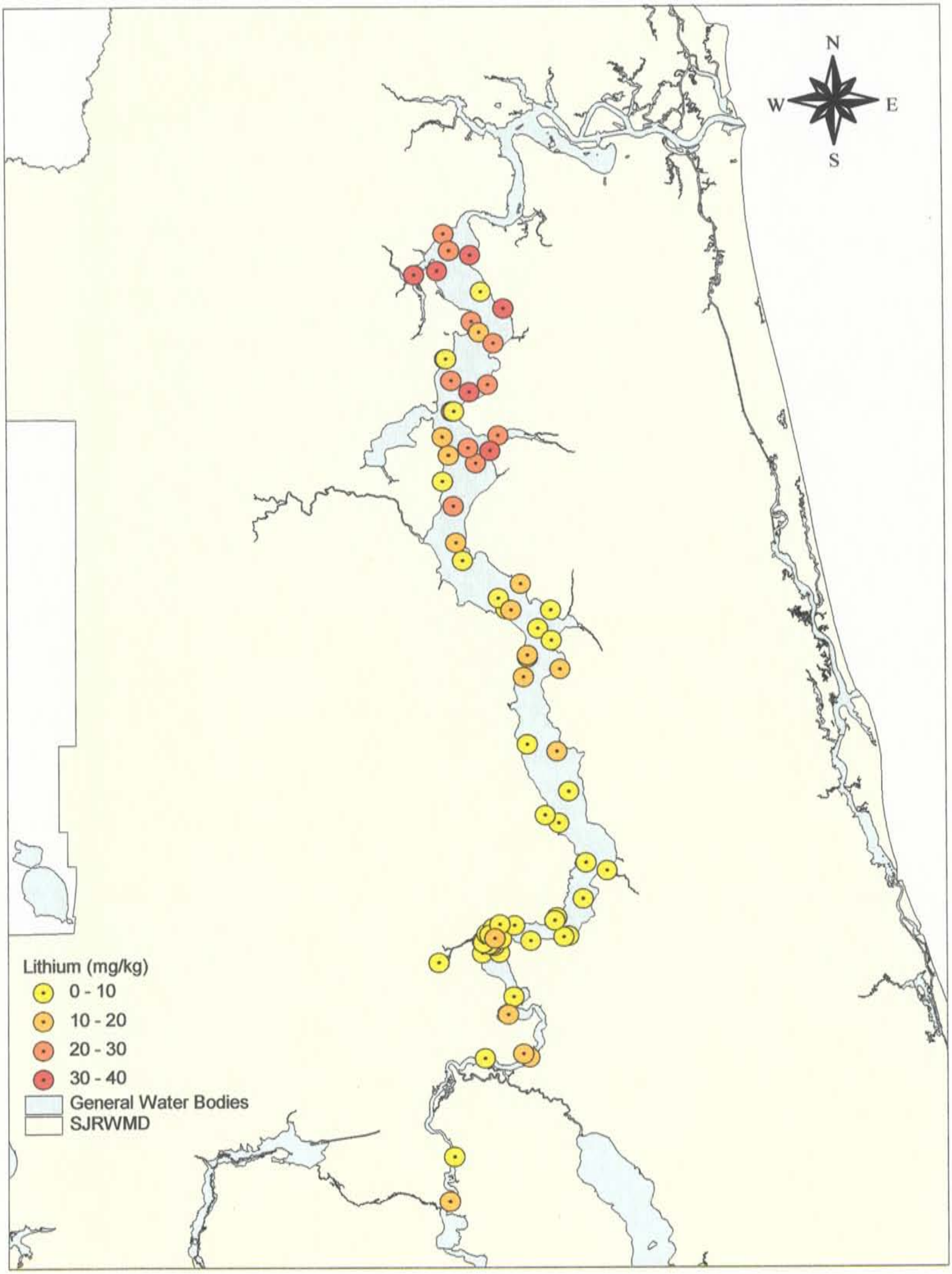

N
W
E
S
Aluminum (mg/kg)
0 - 25000
25000 - 40000
40000 - 50000
50000 - 60000
General Water Bodies
SJRWMD



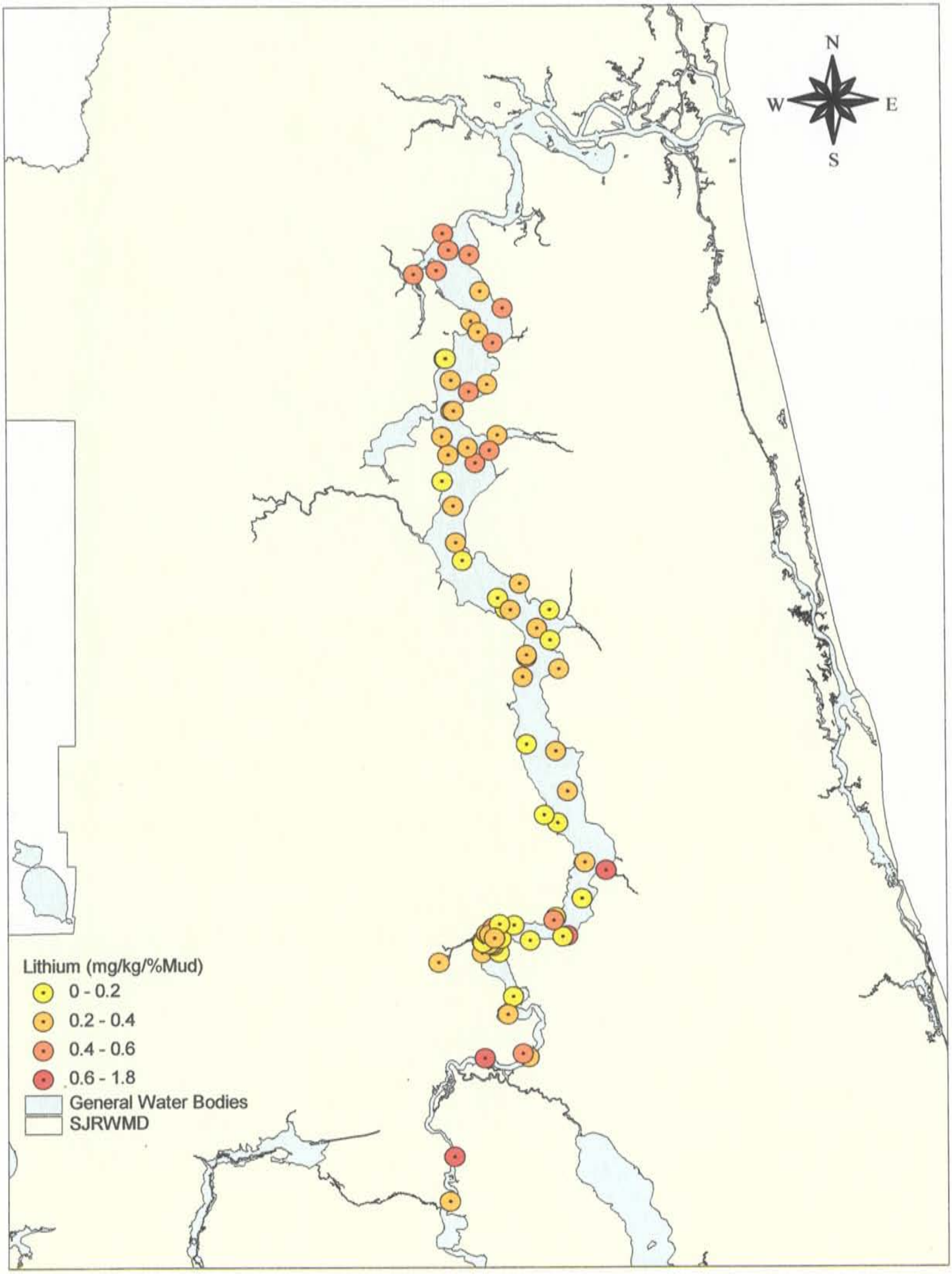
N
W
E
S
Aluminum (mg/kg/%Mud)
0 - 300
300 - 600
600 - 900
900 - 1200
General Water Bodies
SJRWMD

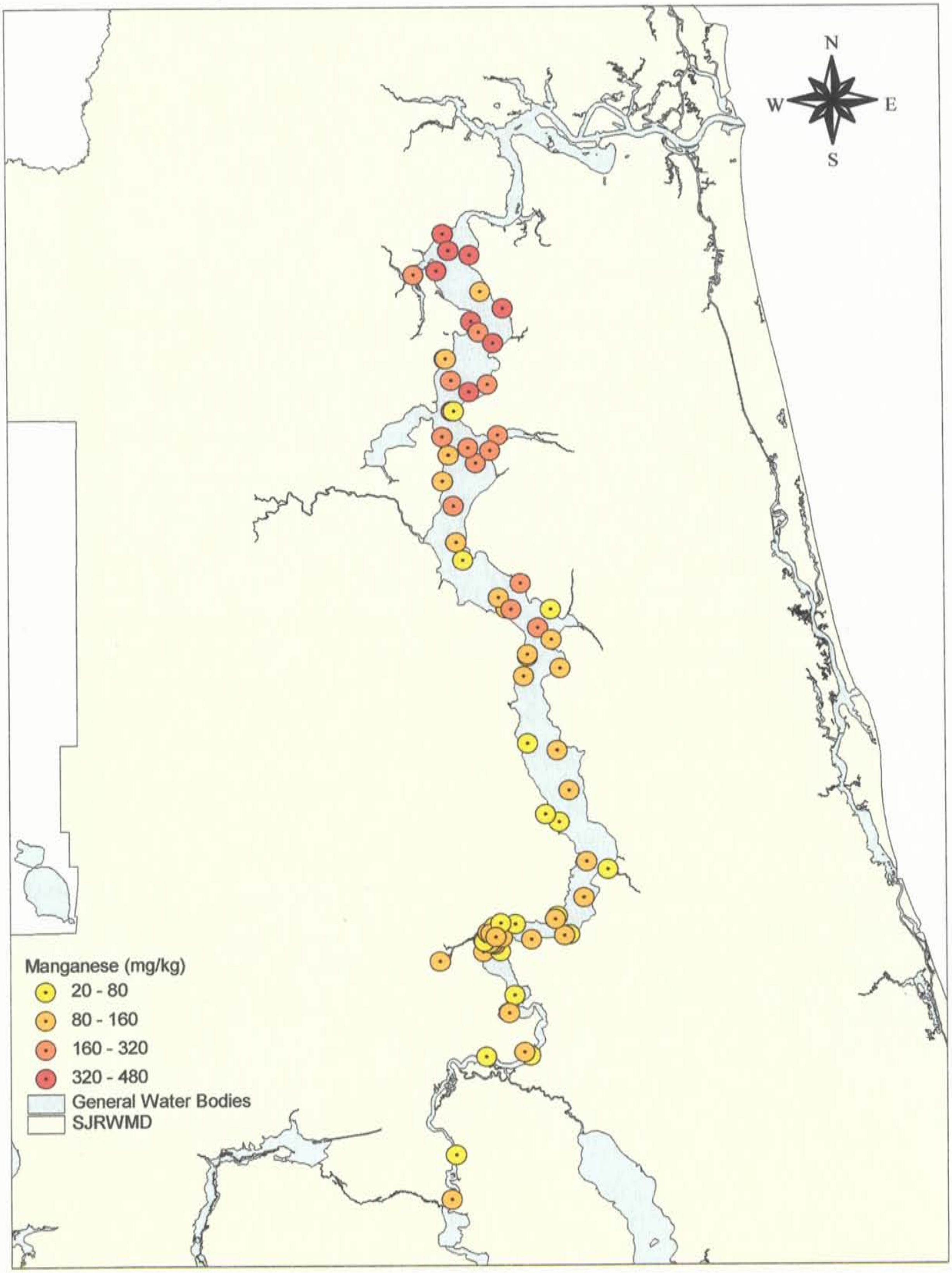

N
W
E
S
Iron (mg/kg)
4000 - 16000
16000 - 24000
24000 - 32000
32000 - 40000
General Water Bodies
SJRWMD

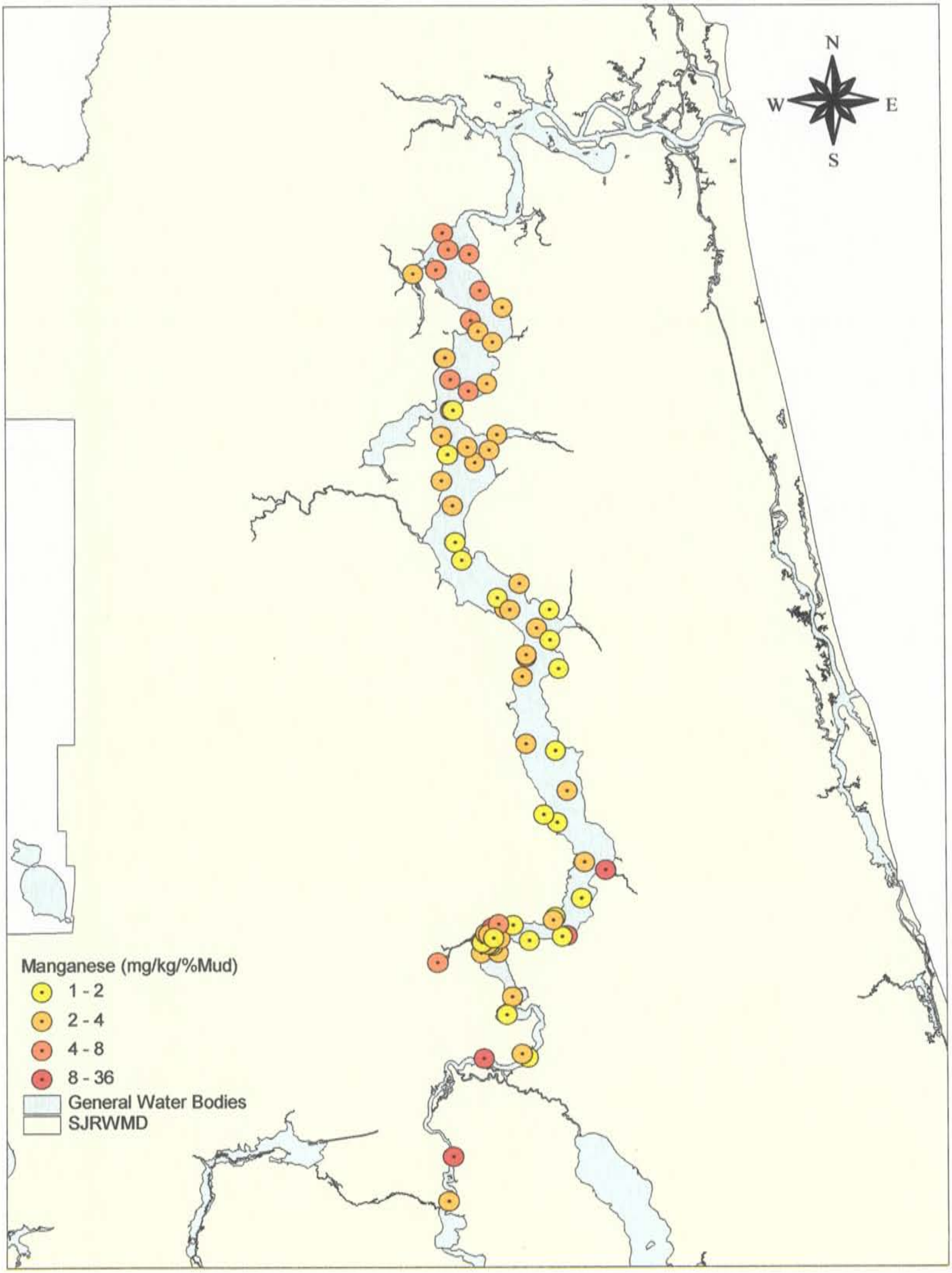

N
W
E
S
Iron (mg/kg/%Mud)
0 - 200
200 - 400
400 - 600
600 - 800
General Water Bodies
SJRWMD

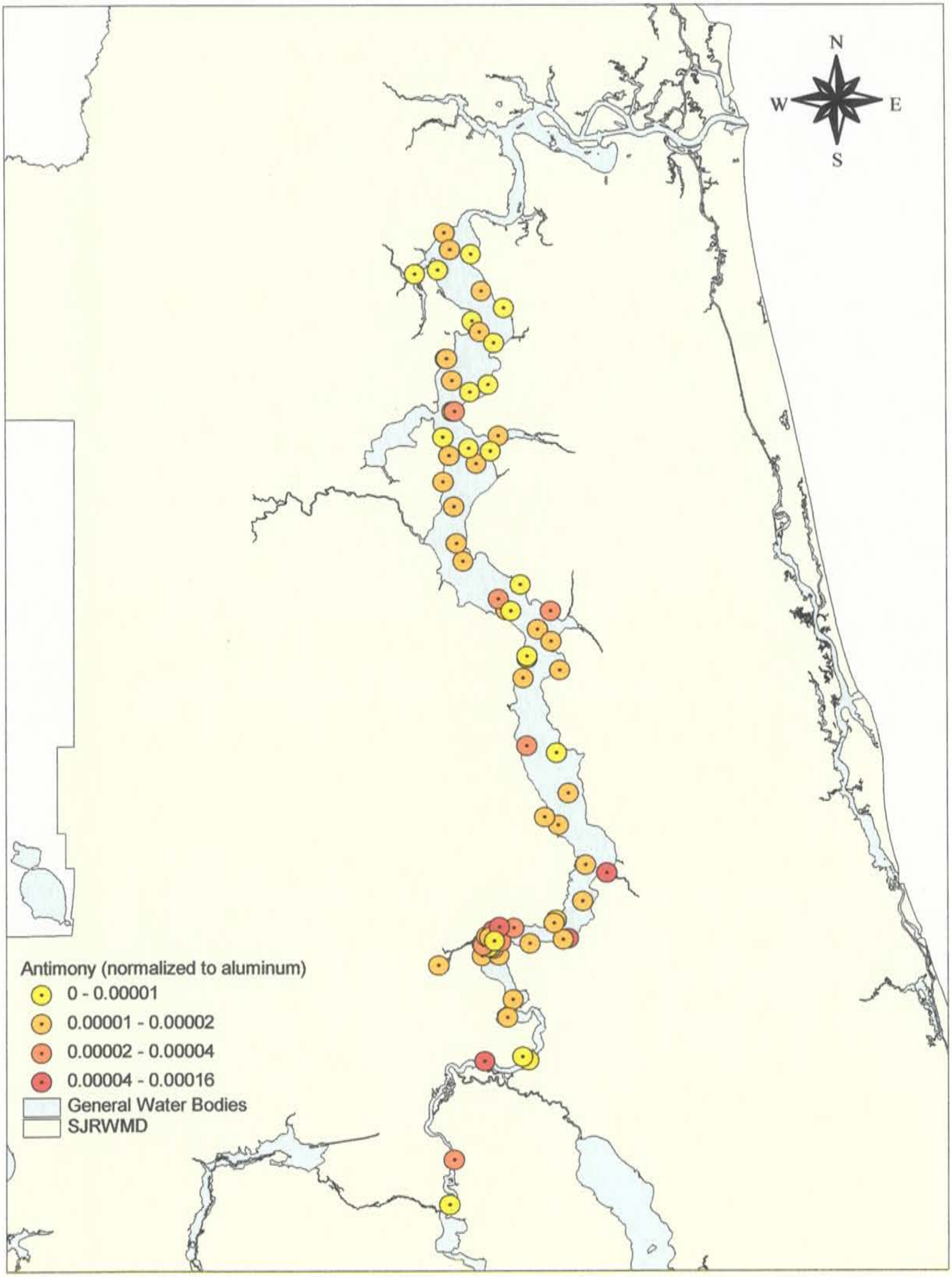


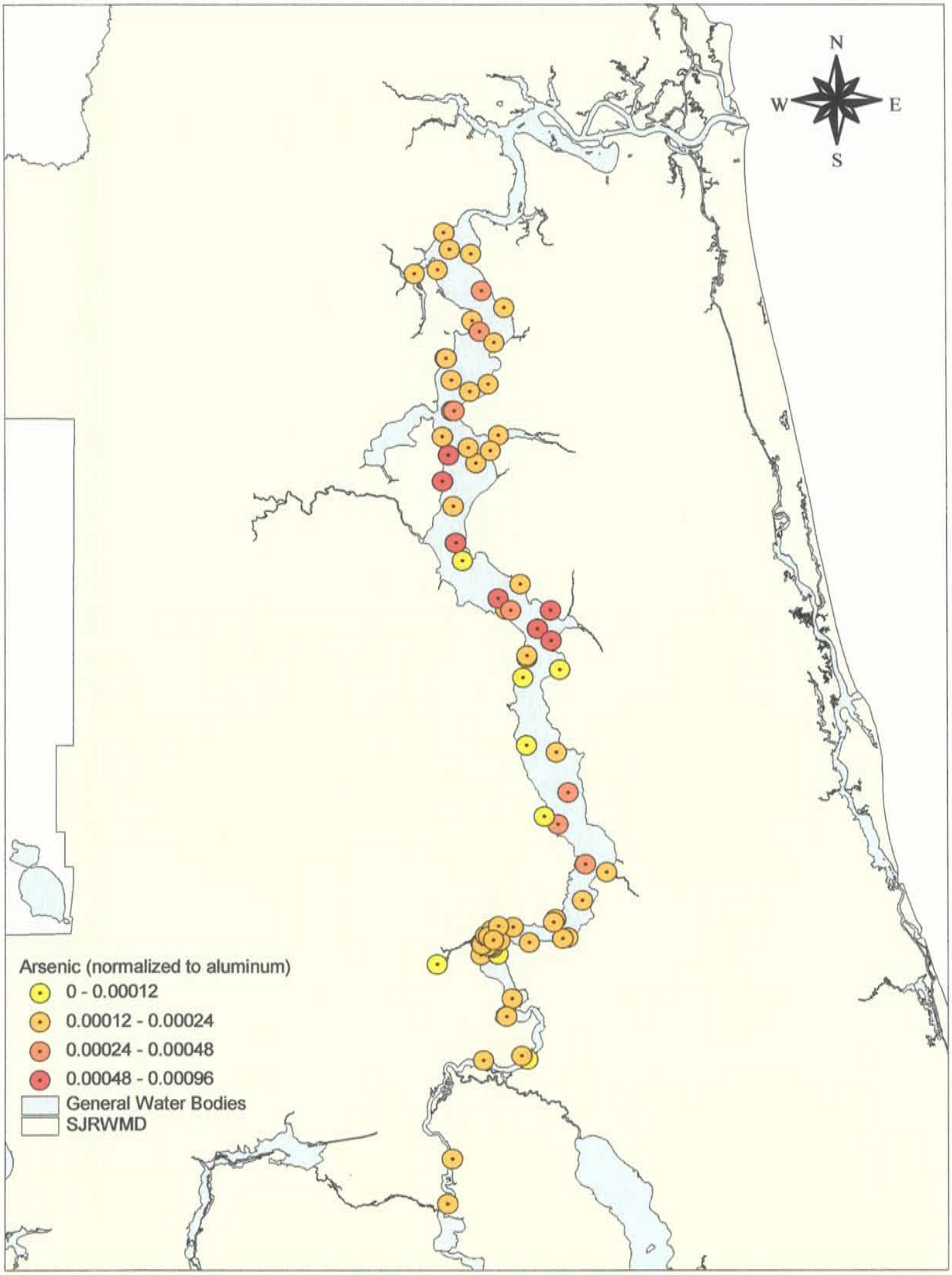
N
W
E
S
Lithium (mg/kg)
0 - 10
10 - 20
20 - 30
30 - 40
General Water Bodies
SJRWMD

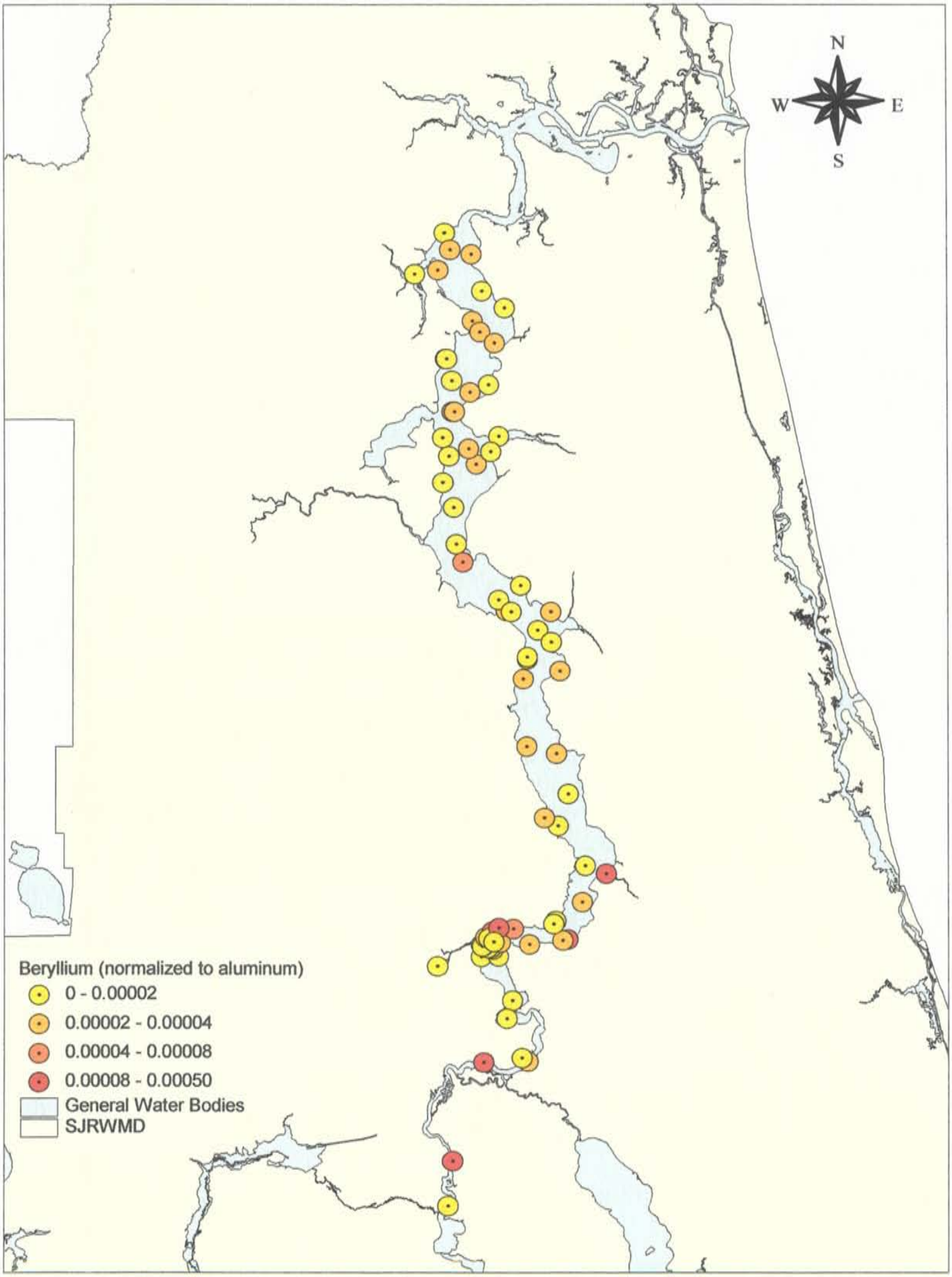

N
W
E
S
Lithium (mg/kg/%Mud)
0 - 0.2
0.2 - 0.4
0.4 - 0.6
0.6 - 1.8
General Water Bodies
SJRWMD


N
W
E
S
Manganese (mg/kg)
20 - 80
80 - 160
160 - 320
320 - 480
General Water Bodies
SJRWMD

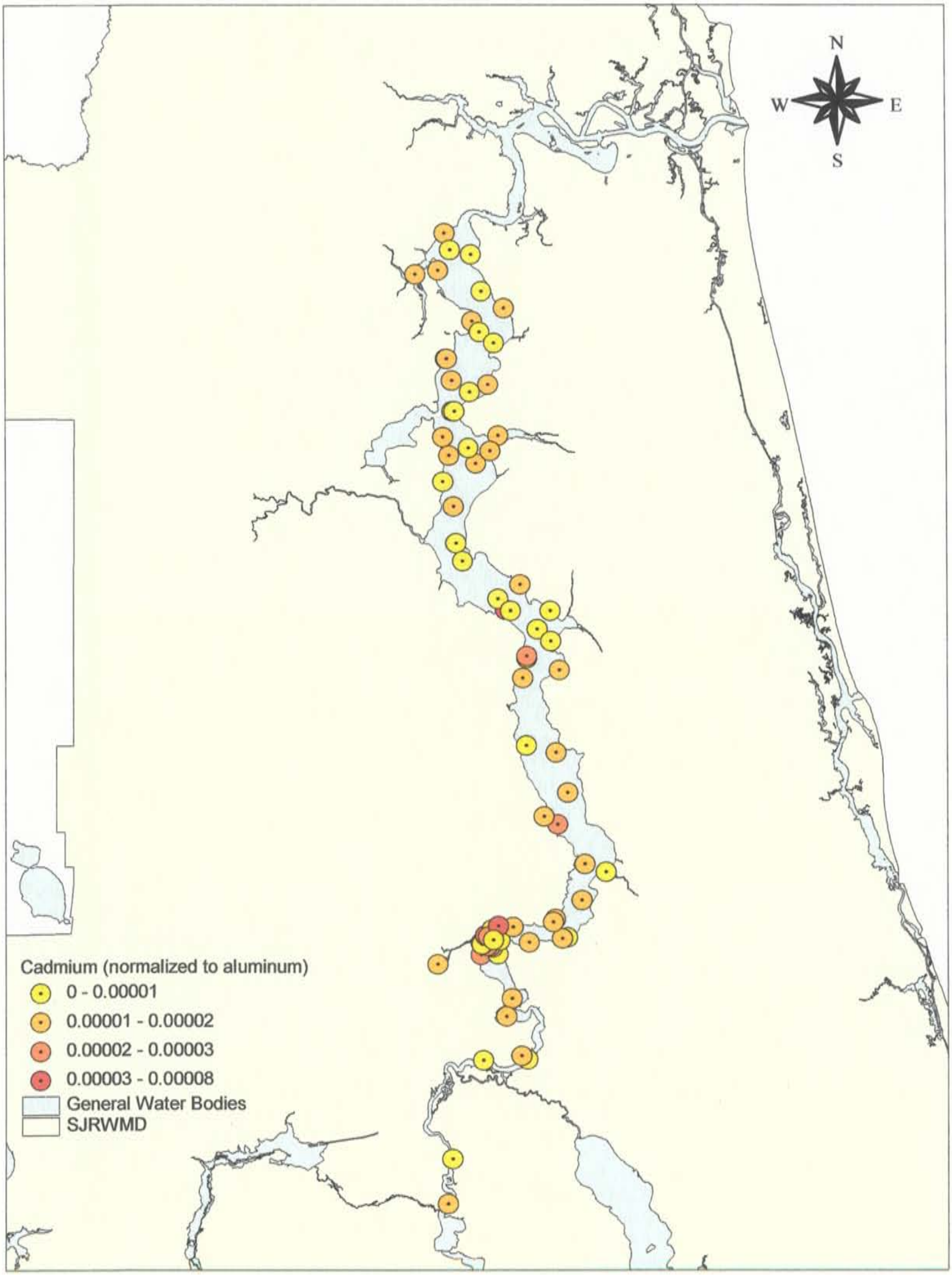

N
W
E
S
Manganese (mg/kg/%Mud)
1 - 2
2 - 4
4 - 8
8 - 36
General Water Bodies
SJRWMD

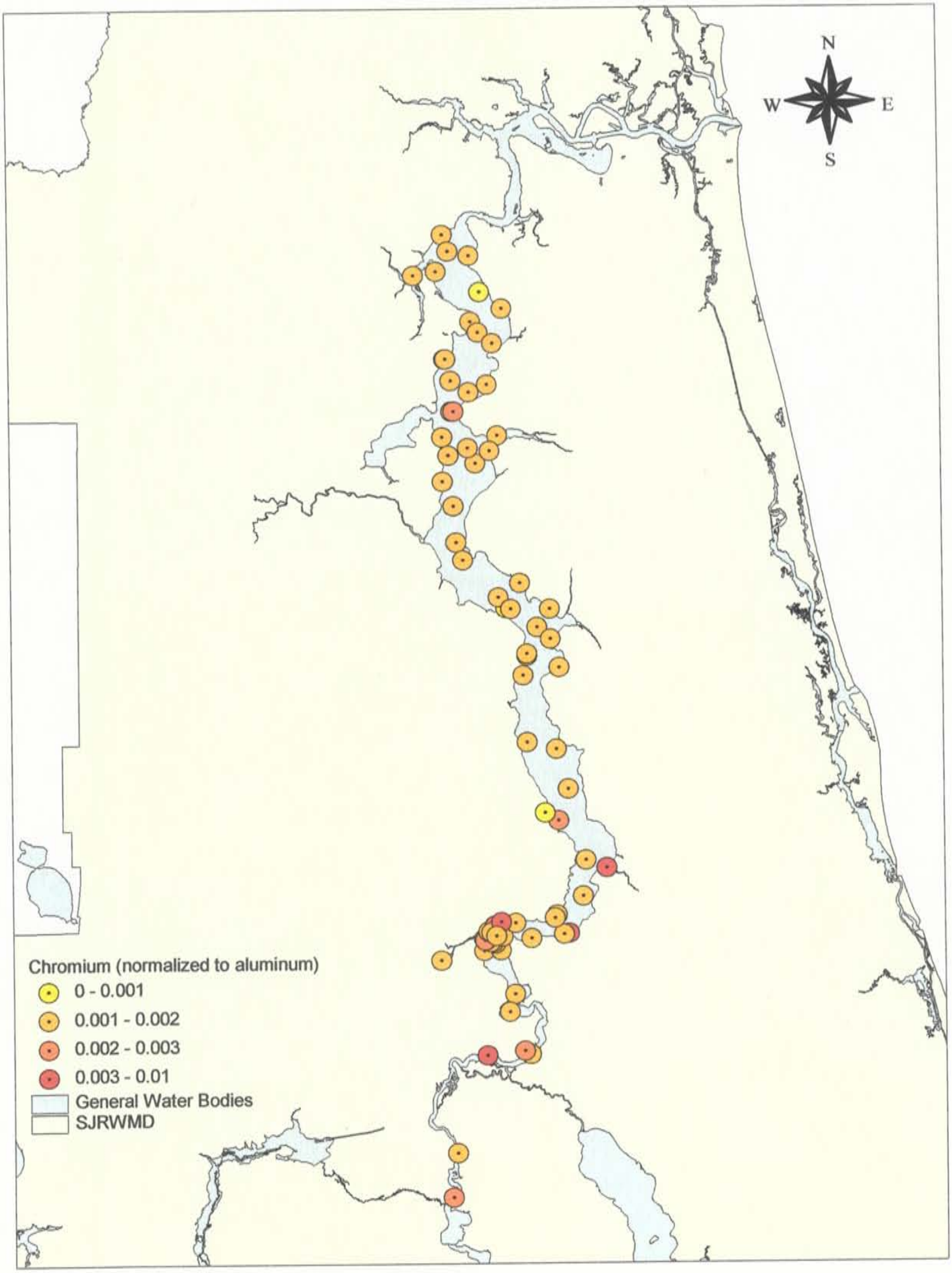

N
W
E
S
Antimony (normalized to aluminum)
0 - 0.00001
0.00001 - 0.00002
0.00002 - 0.00004
0.00004 - 0.00016
General Water Bodies
SJRWMD


N
W
E
S
Arsenic (normalized to aluminum)
0 - 0.00012
0.00012 - 0.00024
0.00024 - 0.00048
0.00048 - 0.00096
General Water Bodies
SJRWMD

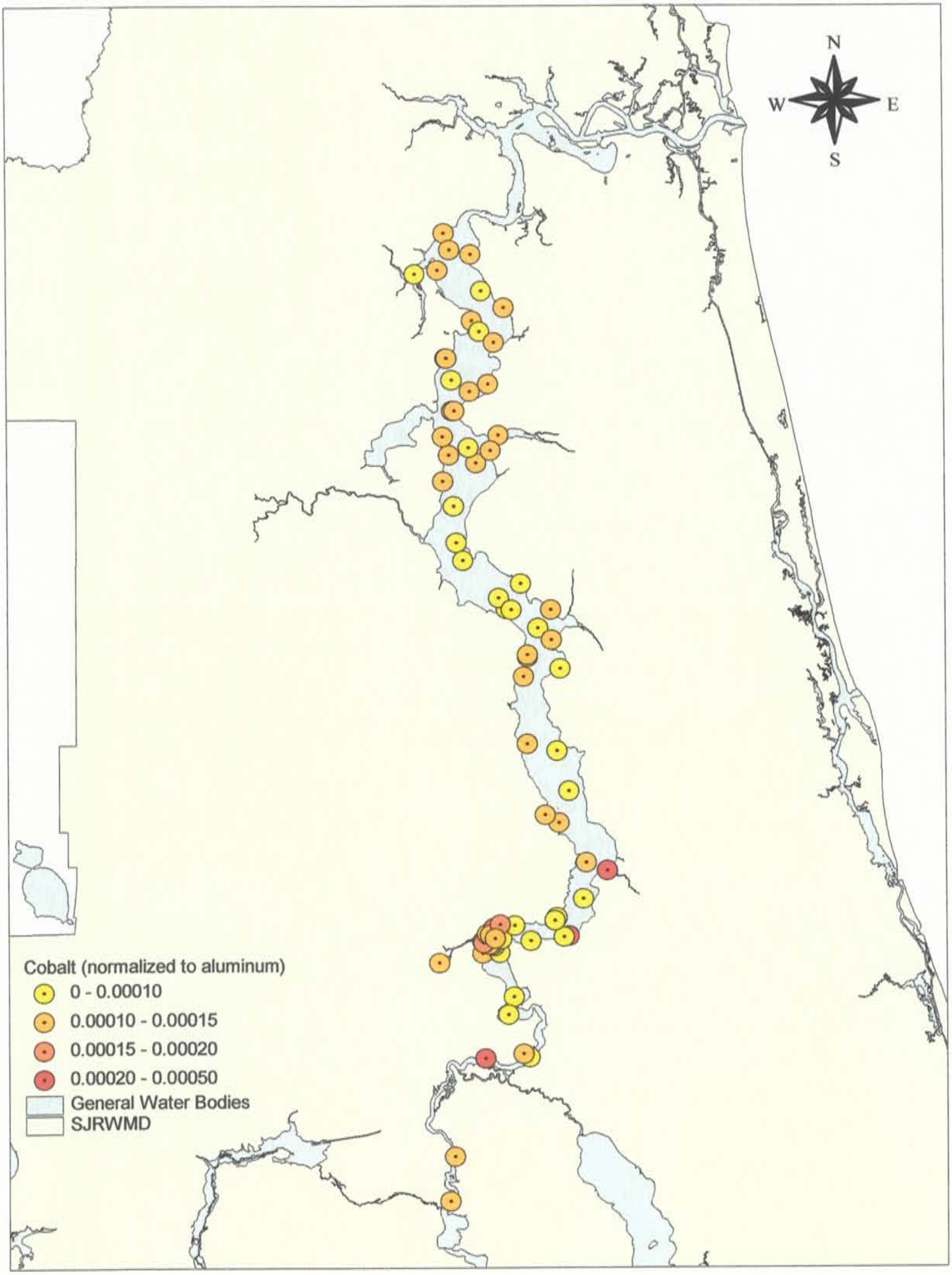


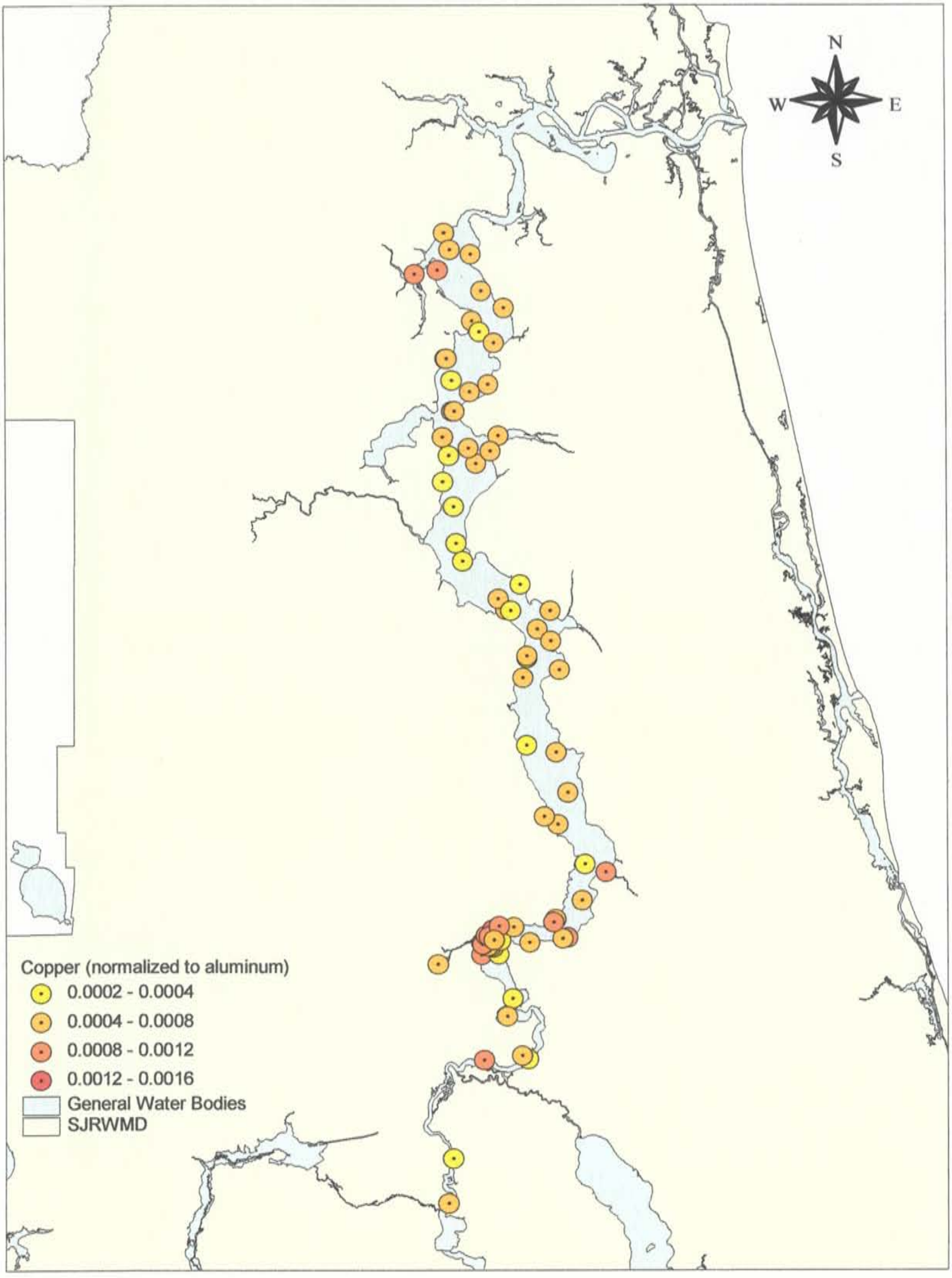
N
W
E
S
Beryllium (normalized to aluminum)
0 - 0.00002
0.00002 - 0.00004
0.00004 - 0.00008
0.00008 - 0.00050
General Water Bodies
SJRWMD

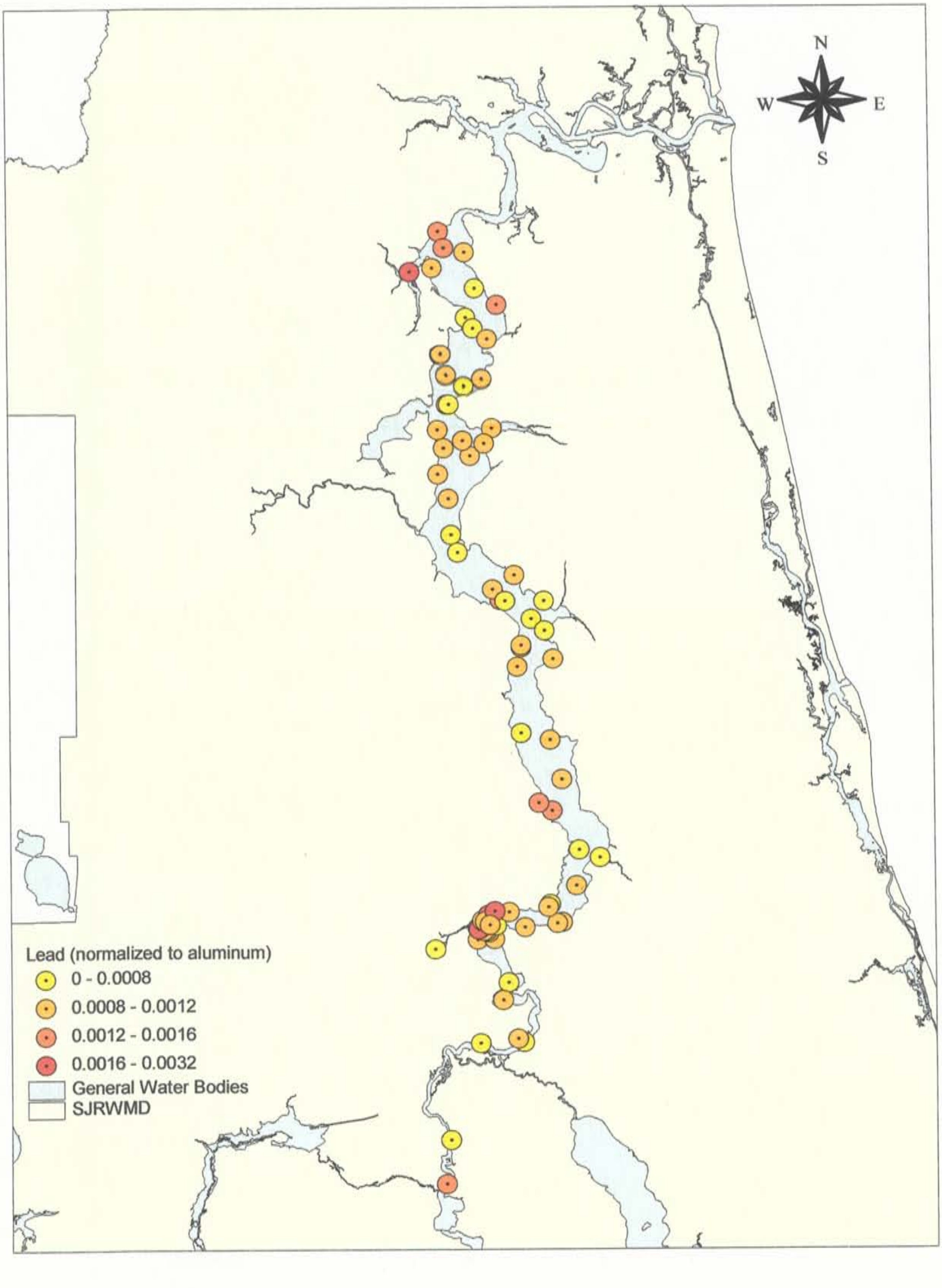

N
W
E
S
Cadmium (normalized to aluminum)
0 - 0.00001
0.00001 - 0.00002
0.00002 - 0.00003
0.00003 - 0.00008
General Water Bodies
SJRWMD

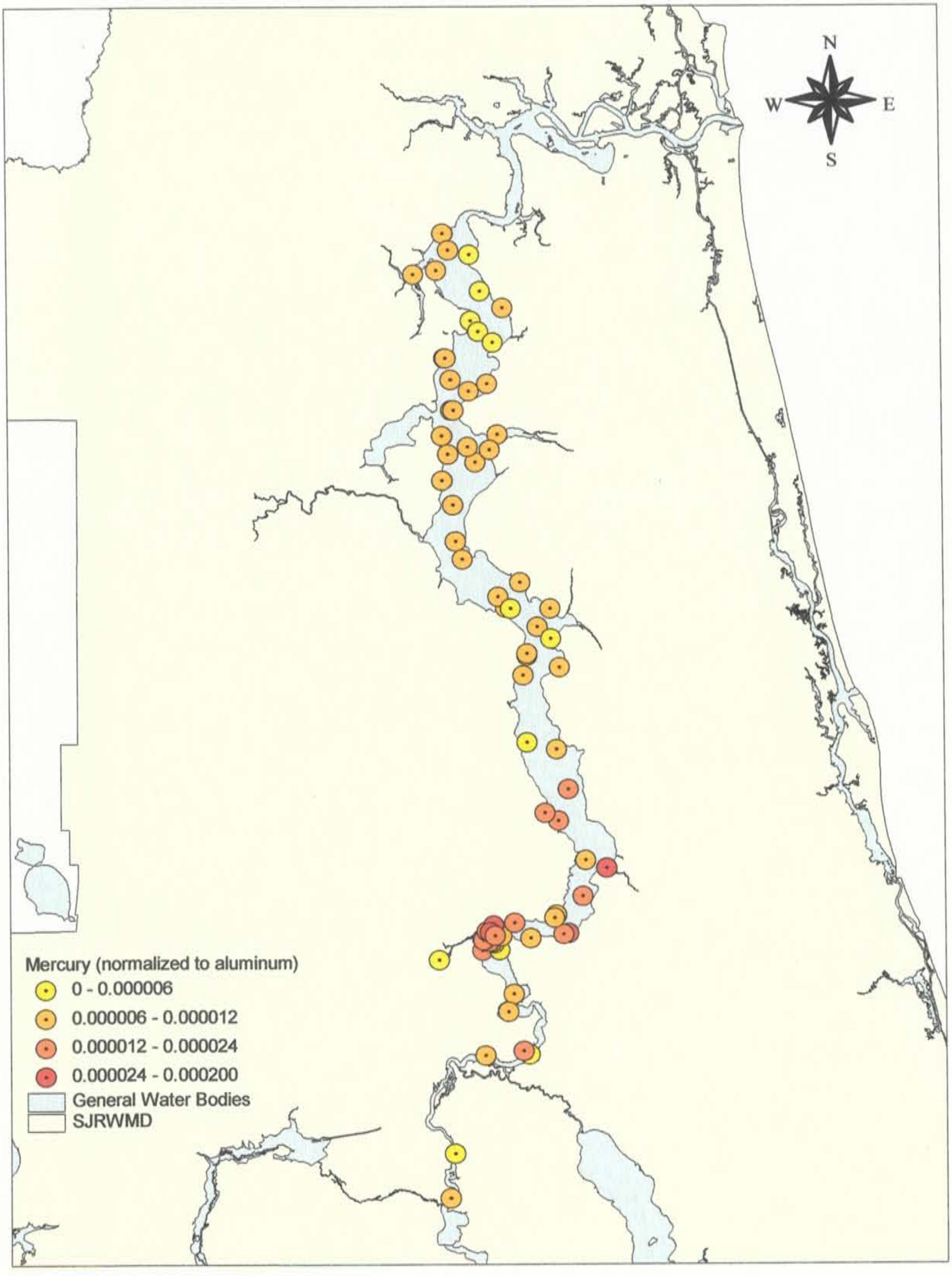


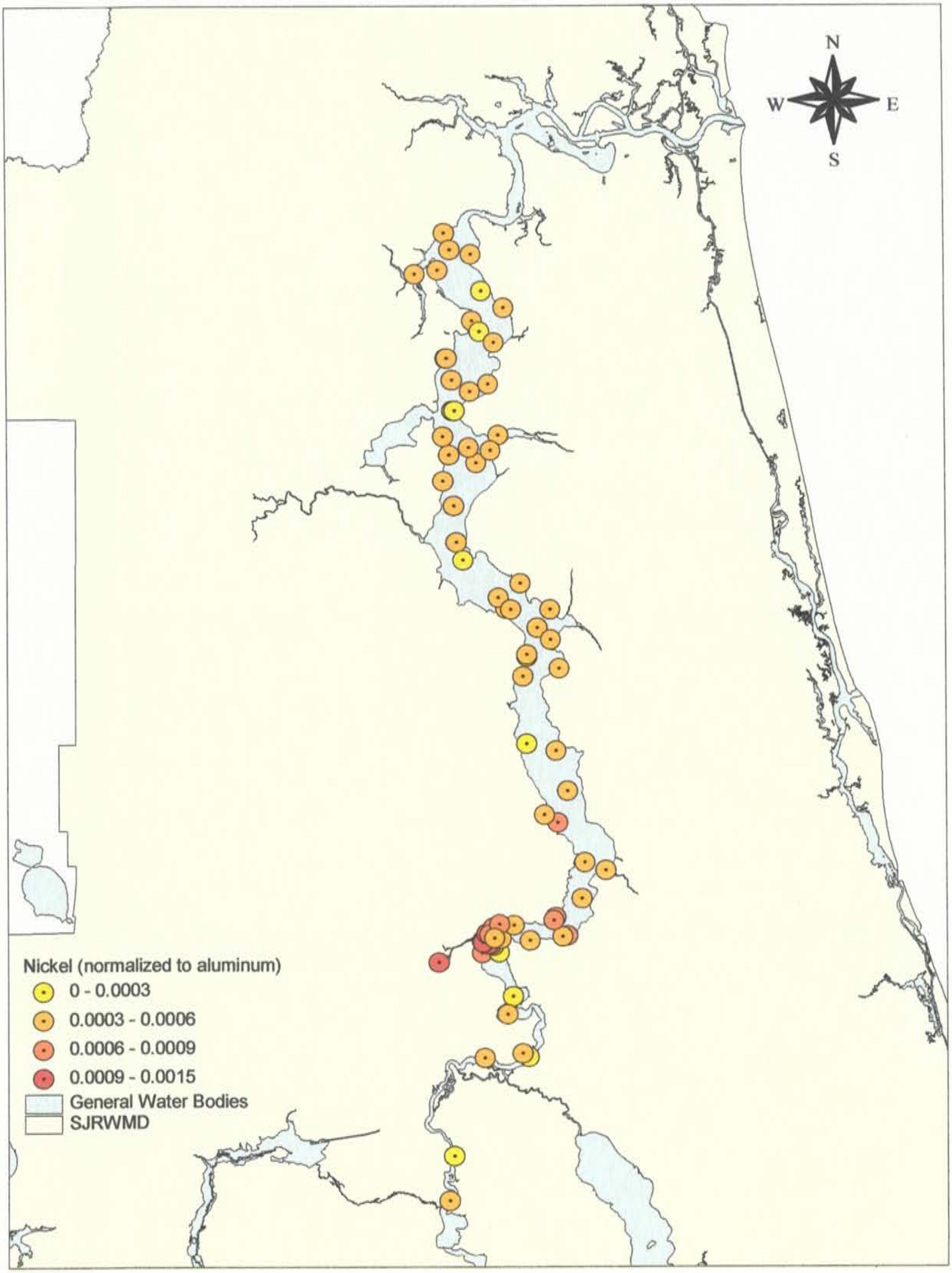
N
W
E
S
Chromium (normalized to aluminum)
0 - 0.001
0.001 - 0.002
0.002 - 0.003
0.003 - 0.01
General Water Bodies
SJRWMD

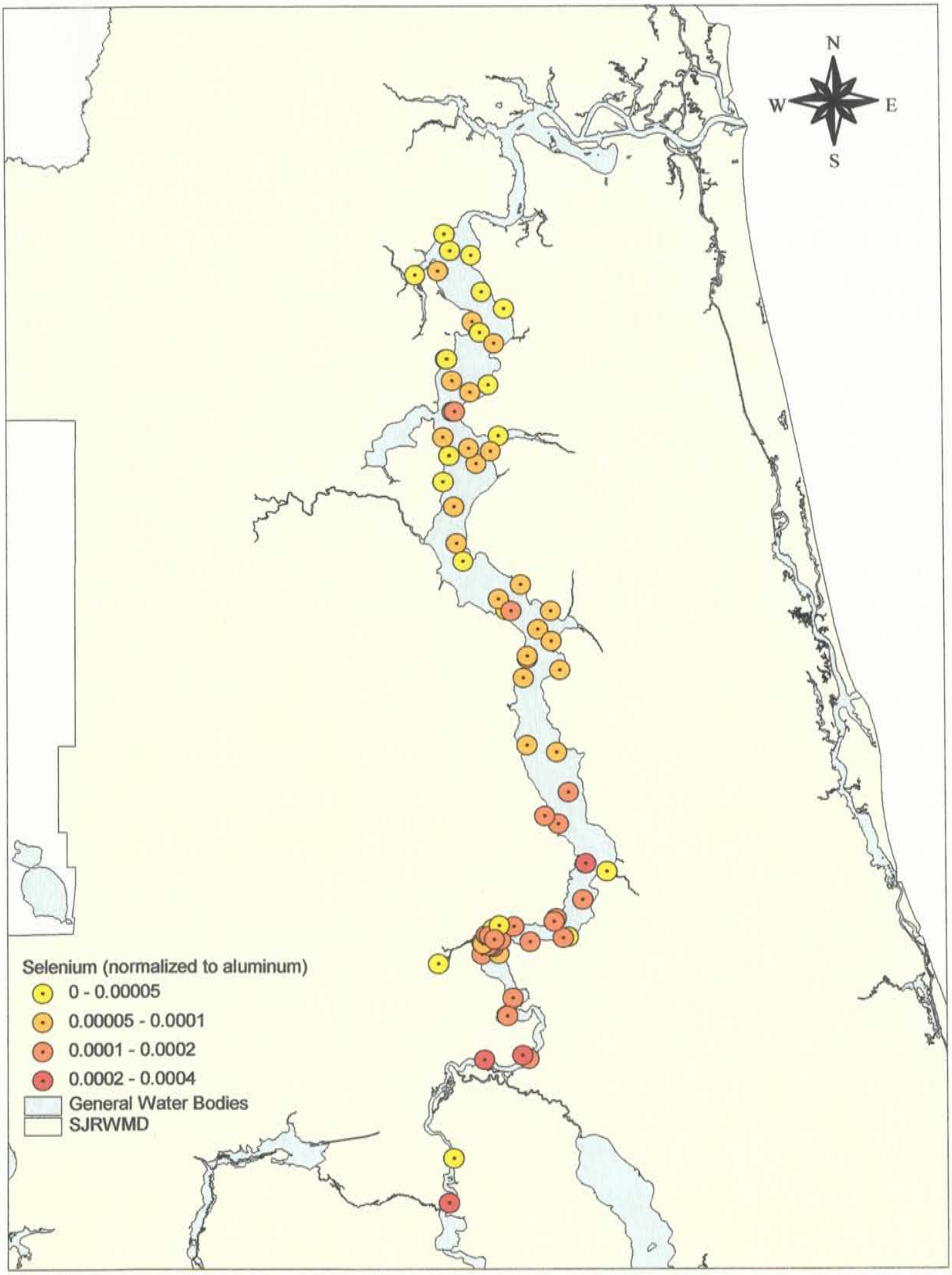

N
W
E
S
Cobalt (normalized to aluminum)
0 - 0.00010
0.00010 - 0.00015
0.00015 - 0.00020
0.00020 - 0.00050
General Water Bodies
SJRWMD

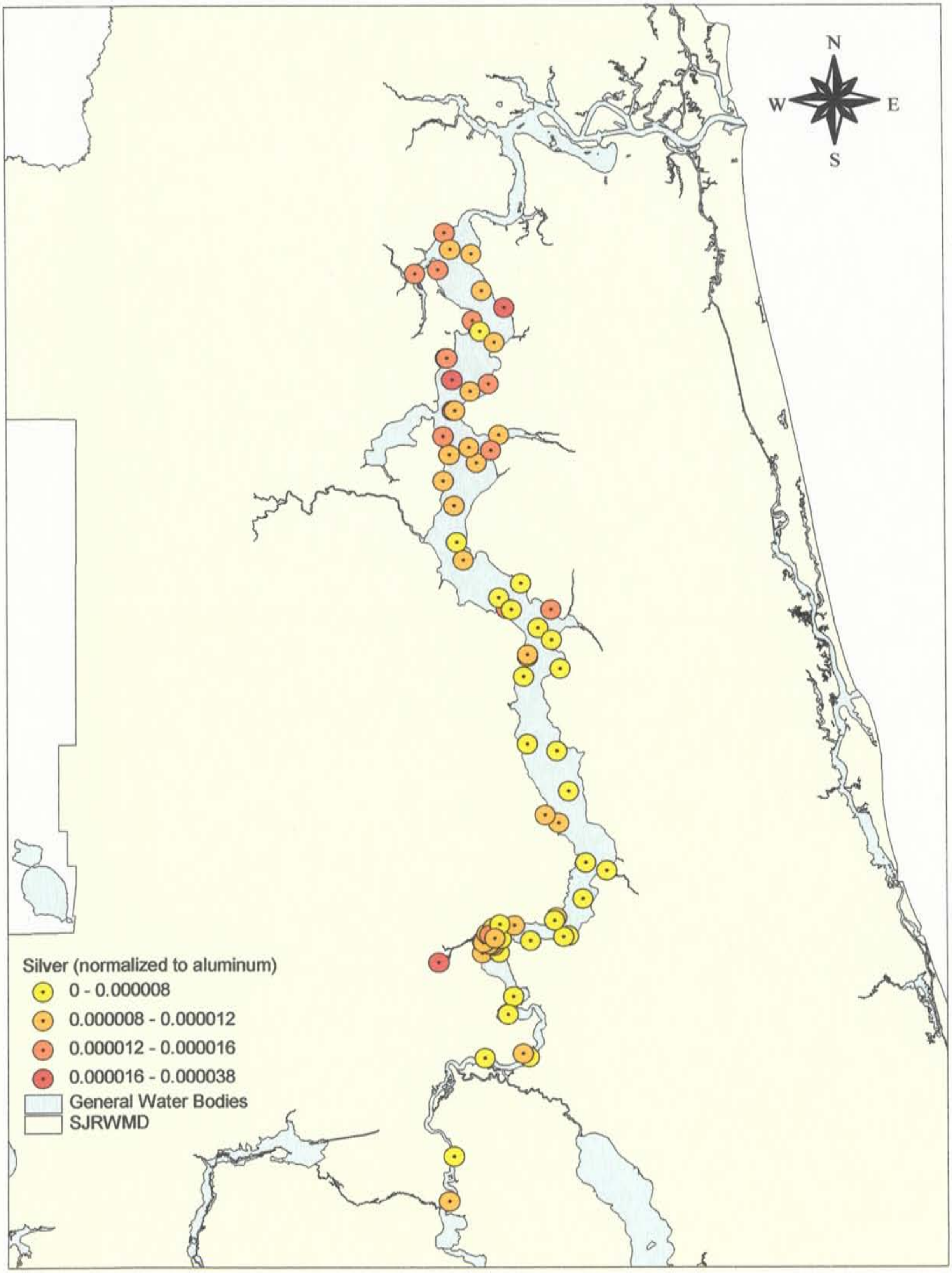

N
W
E
S
Copper (normalized to aluminum)
0.0002 - 0.0004
0.0004 - 0.0008
0.0008 - 0.0012
0.0012 - 0.0016
General Water Bodies
SJRWMD

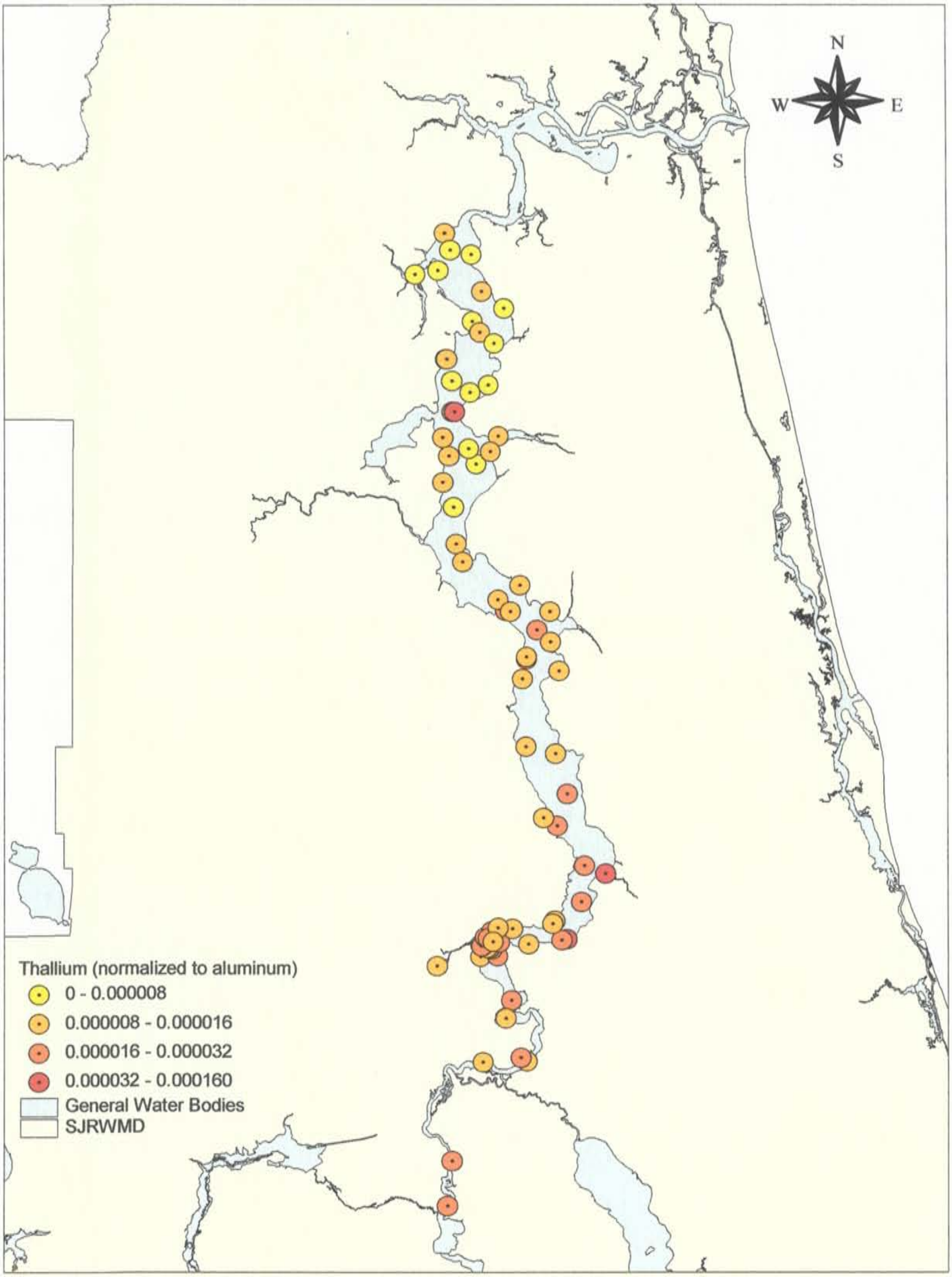

N
W
E
S
Lead (normalized to aluminum)
0 - 0.0008
0.0008 - 0.0012
0.0012 - 0.0016
0.0016 - 0.0032
General Water Bodies
SJRWMD

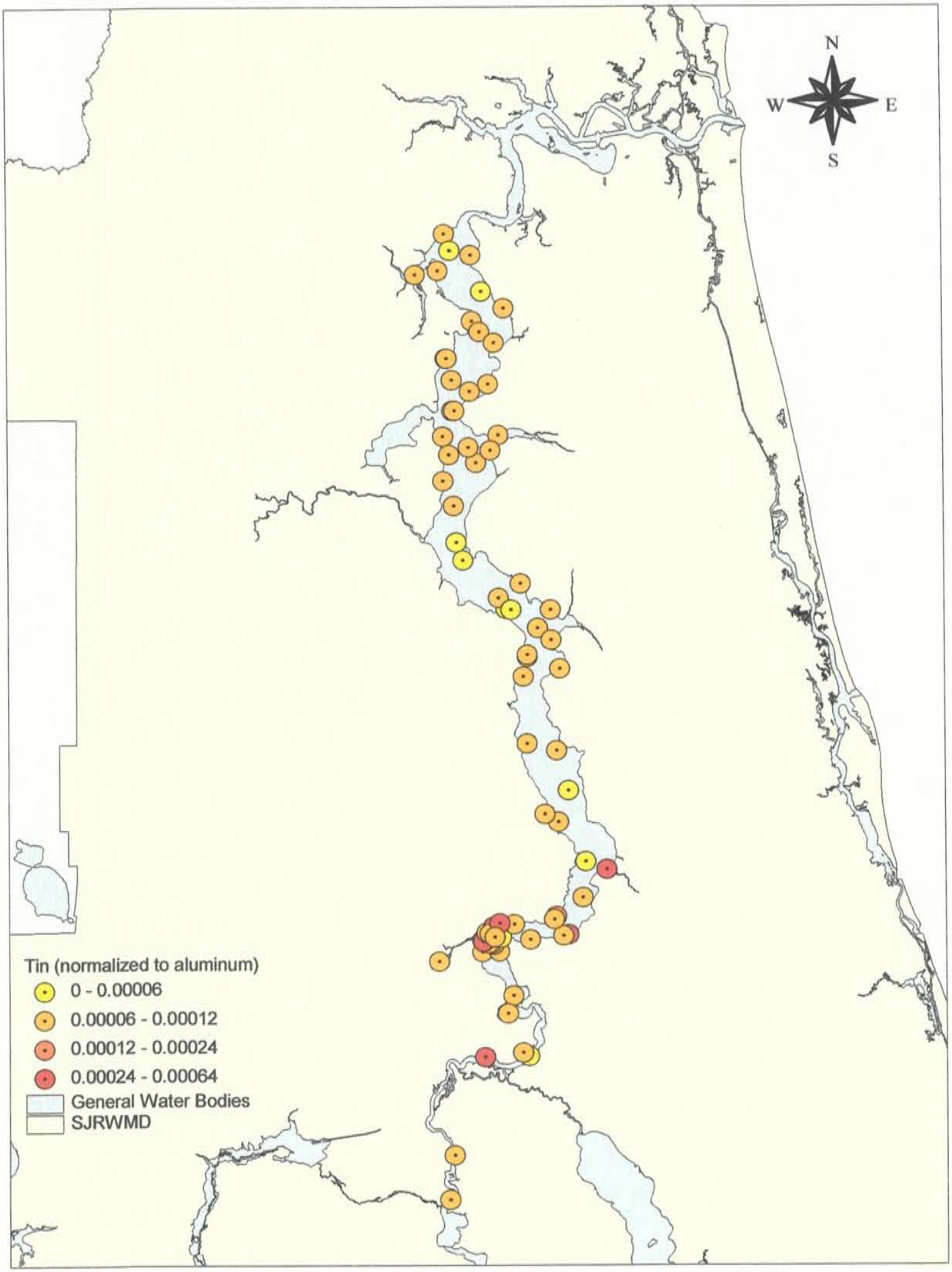

N
W
E
S
Mercury (normalized to aluminum)
0 - 0.000006
0.000006 - 0.000012
0.000012 - 0.000024
0.000024 - 0.000200
General Water Bodies
SJRWMD

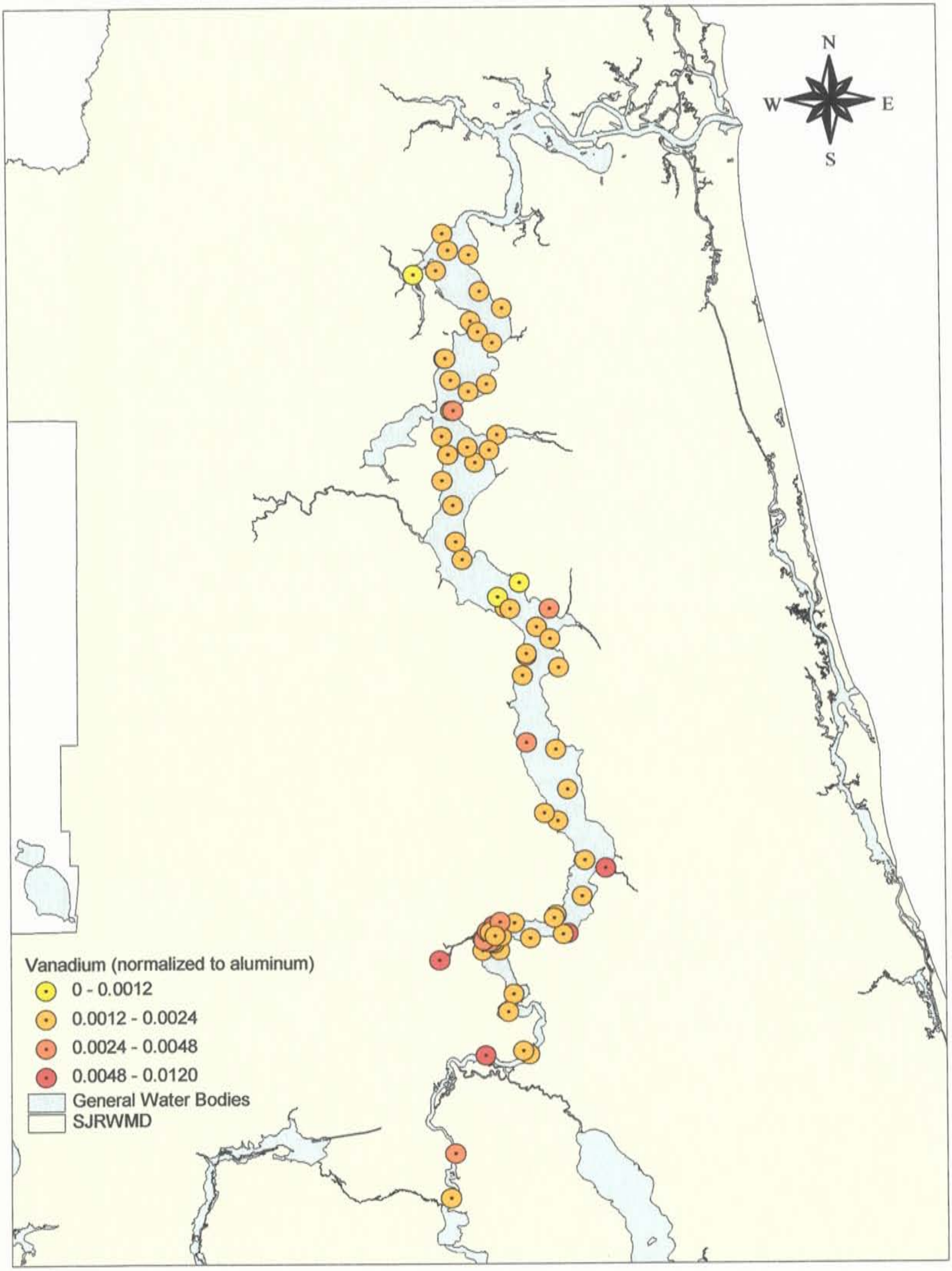

N
W
E
S
Nickel (normalized to aluminum)
0 - 0.0003
0.0003 - 0.0006
0.0006 - 0.0009
0.0009 - 0.0015
General Water Bodies
SJRWMD


N
W
E
S
Selenium (normalized to aluminum)
0 - 0.00005
0.00005 - 0.0001
0.0001 - 0.0002
0.0002 - 0.0004
General Water Bodies
SJRWMD

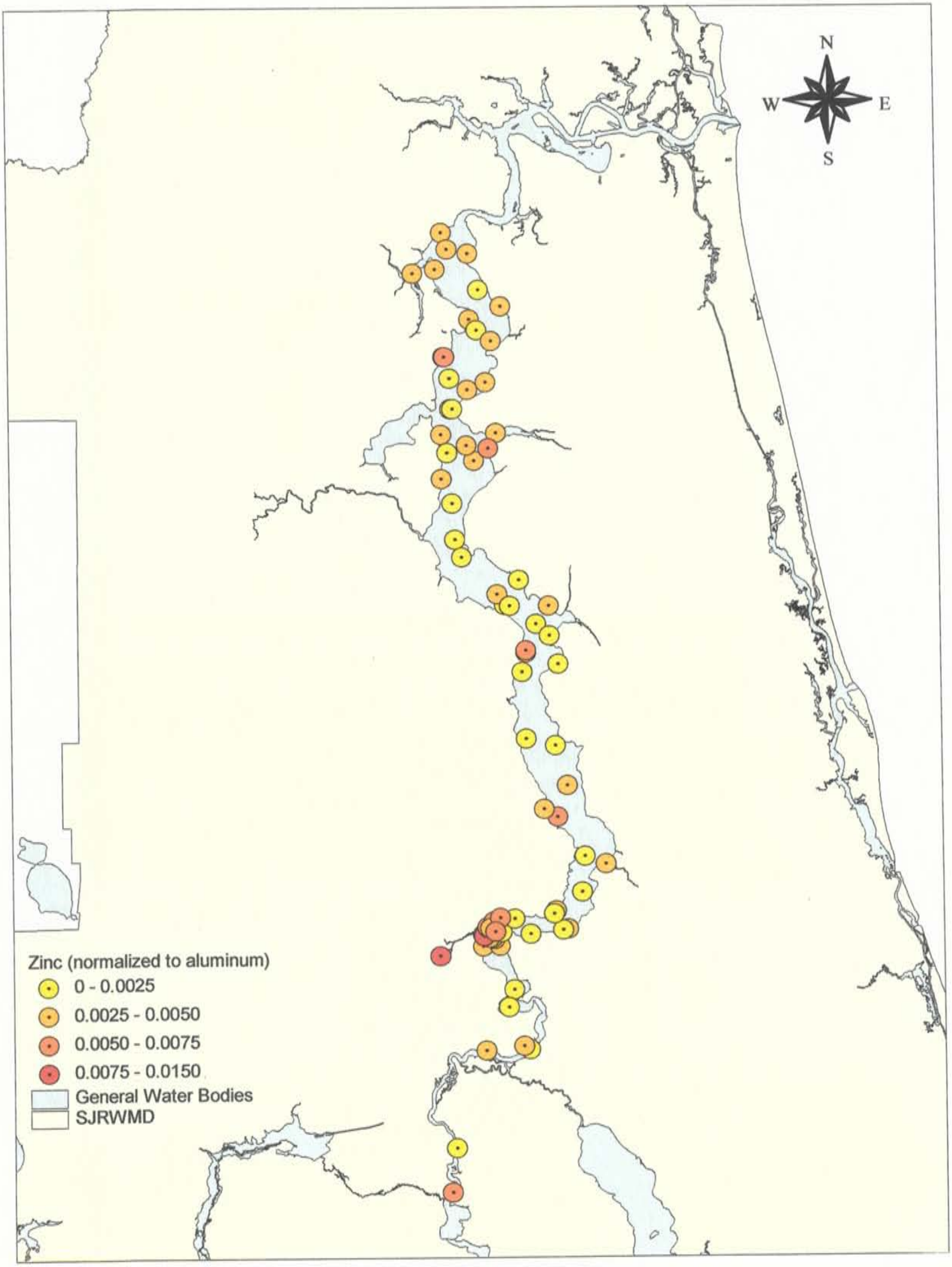

N
W
E
S
Silver (normalized to aluminum)
0 - 0.000008
0.000008 - 0.000012
0.000012 - 0.000016
0.000016 - 0.000038
General Water Bodies
SJRWMD

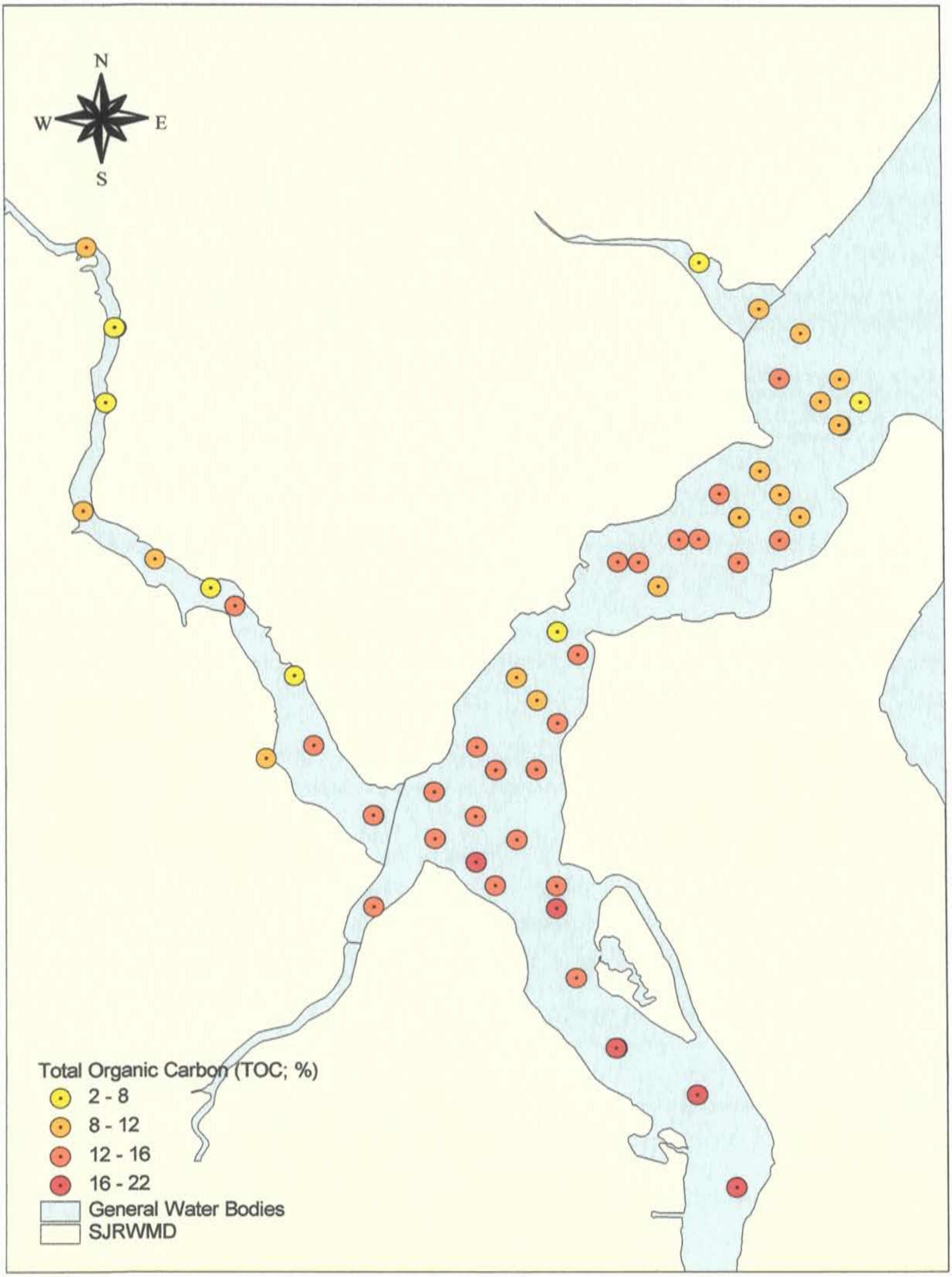

N
W
E
S
Thallium (normalized to aluminum)
0 - 0.000008
0.000008 - 0.000016
0.000016 - 0.000032
0.000032 - 0.000160
General Water Bodies
SJRWMD

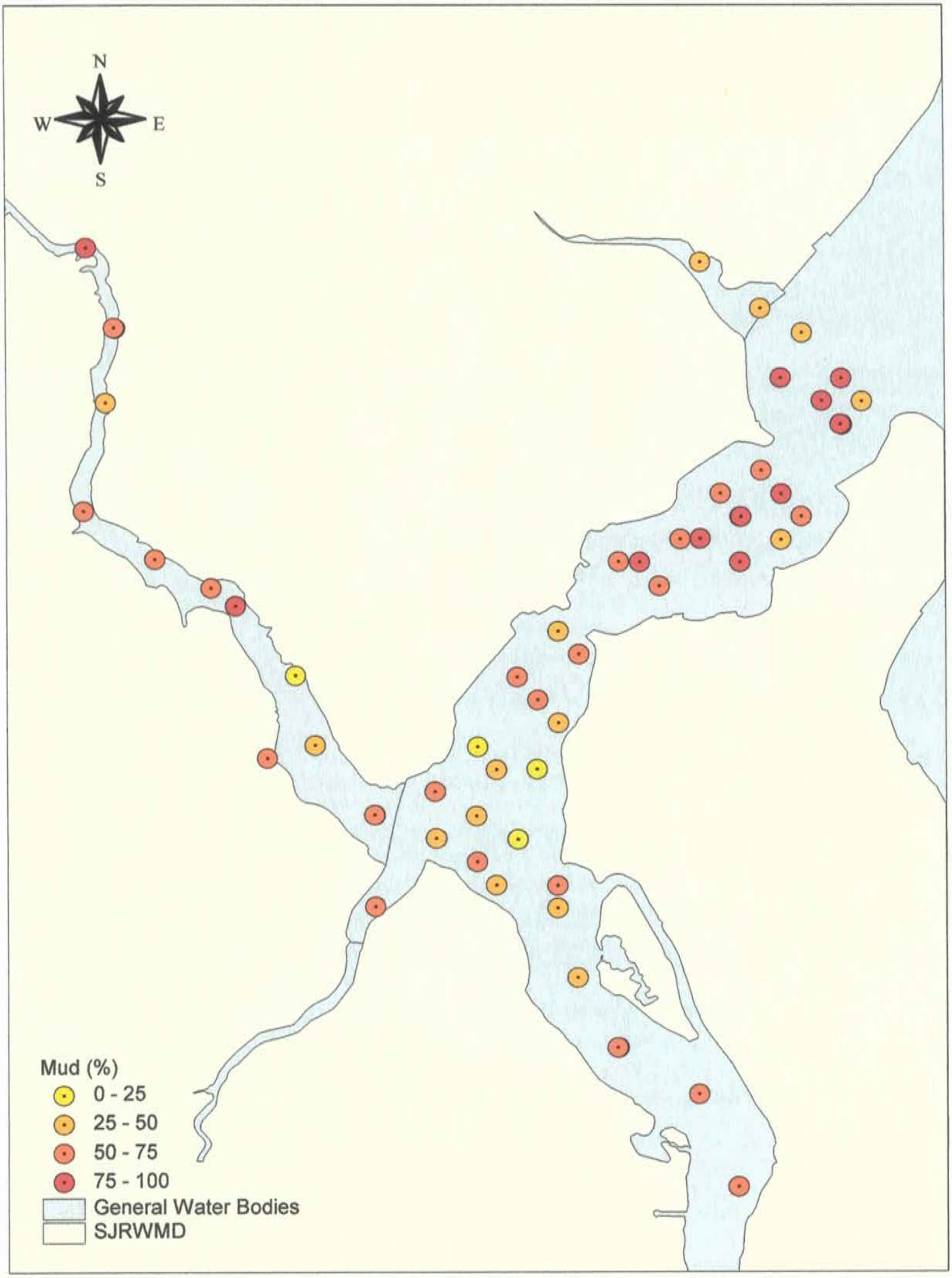

N
W
E
S
Tin (normalized to aluminum)
0 - 0.00006
0.00006 - 0.00012
0.00012 - 0.00024
0.00024 - 0.00064
General Water Bodies
SJRWMD

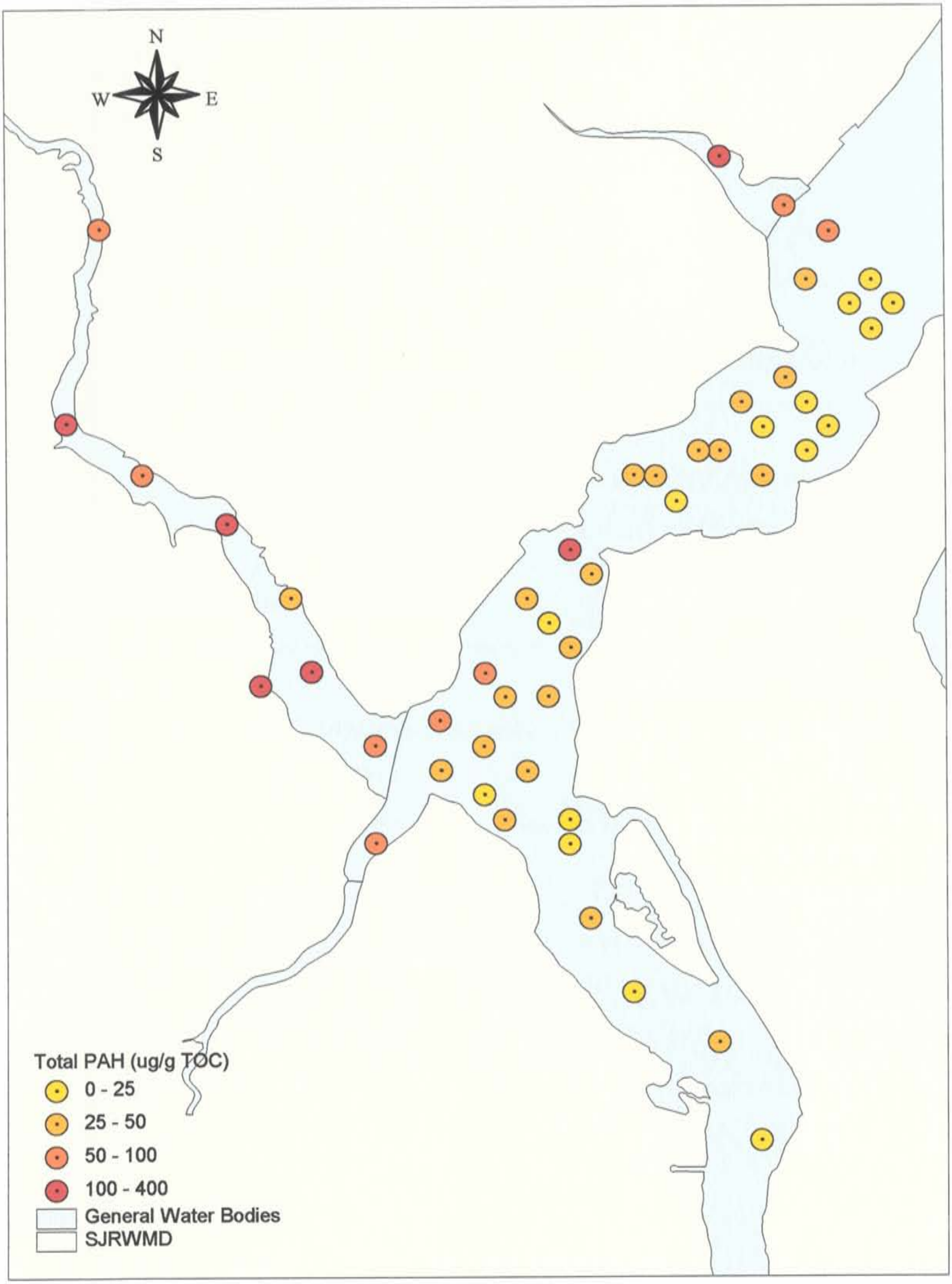


N
W
E
S
Vanadium (normalized to aluminum)
0 - 0.0012
0.0012 - 0.0024
0.0024 - 0.0048
0.0048 - 0.0120
General Water Bodies
SJRWMD

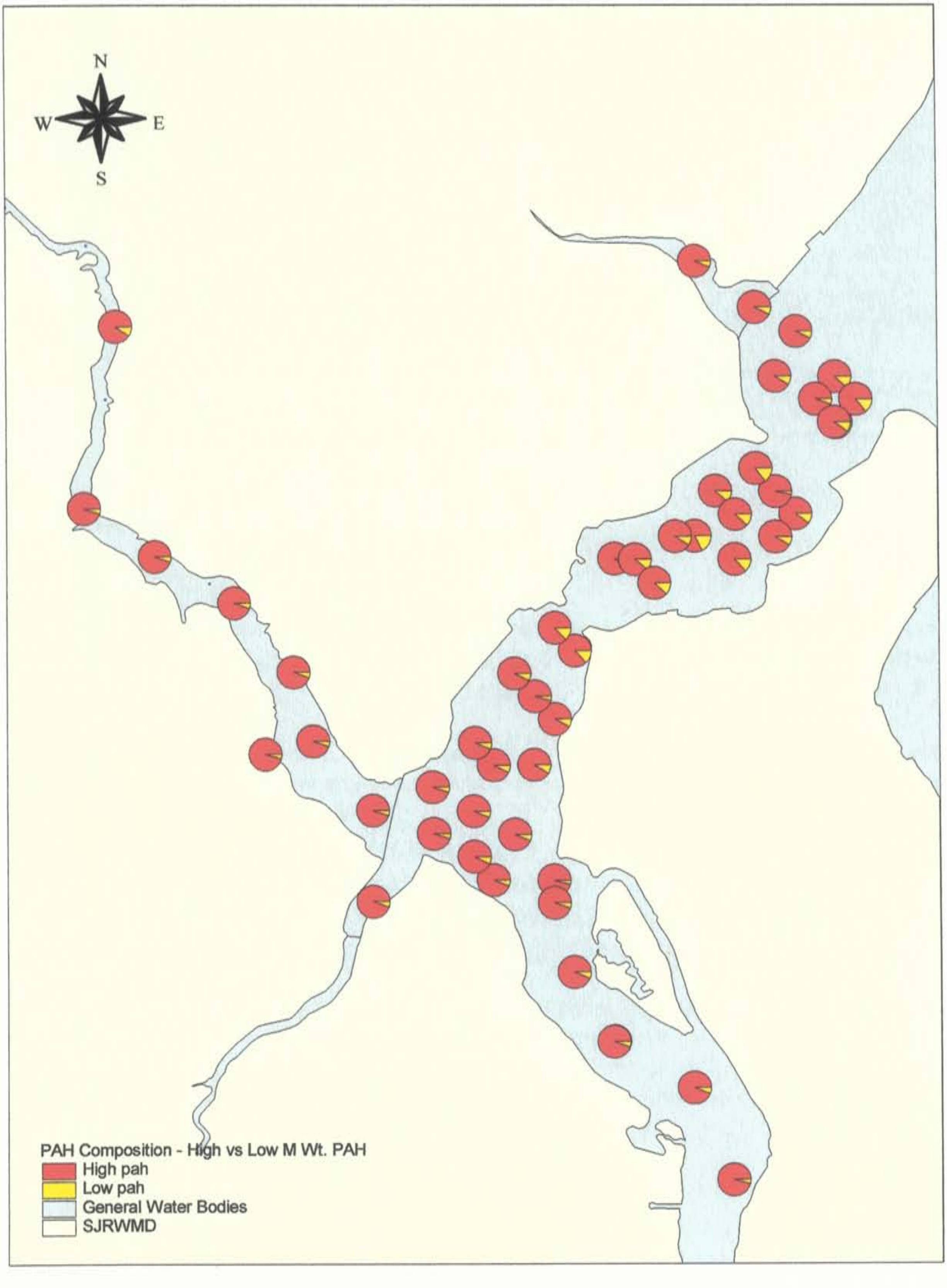

N
W
E
S
Zinc (normalized to aluminum)
0 - 0.0025
0.0025 - 0.0050
0.0050 - 0.0075
0.0075 - 0.0150
General Water Bodies
SJRWMD


N
W
E
S
Total Organic Carbon (TOC; %)
2 - 8
8 - 12
12 - 16
16 - 22
General Water Bodies
SJRWMD

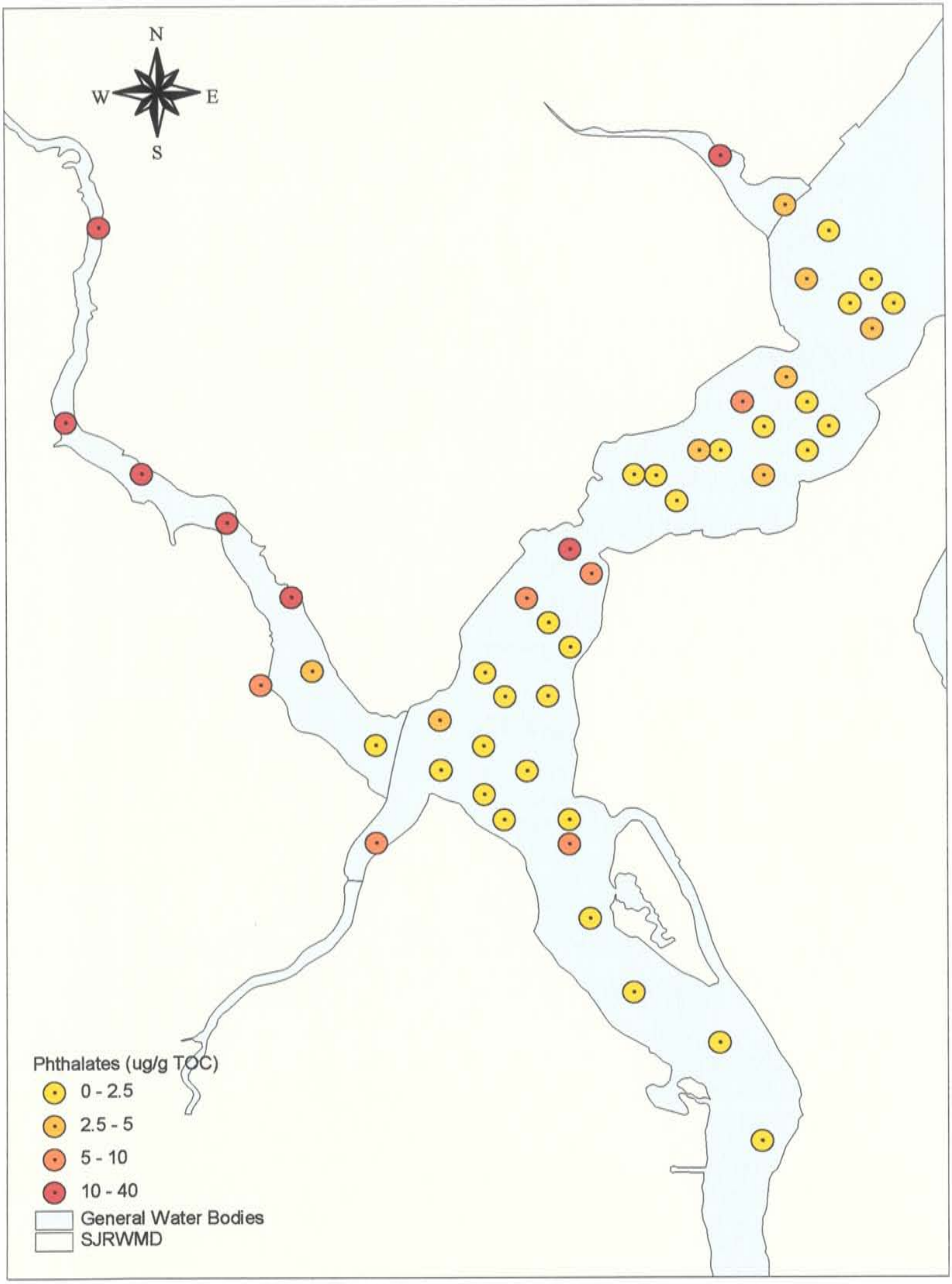

N
W
E
S
Mud (%)
0 - 25
25 - 50
50 - 75
75 - 100
General Water Bodies
SJRWMD

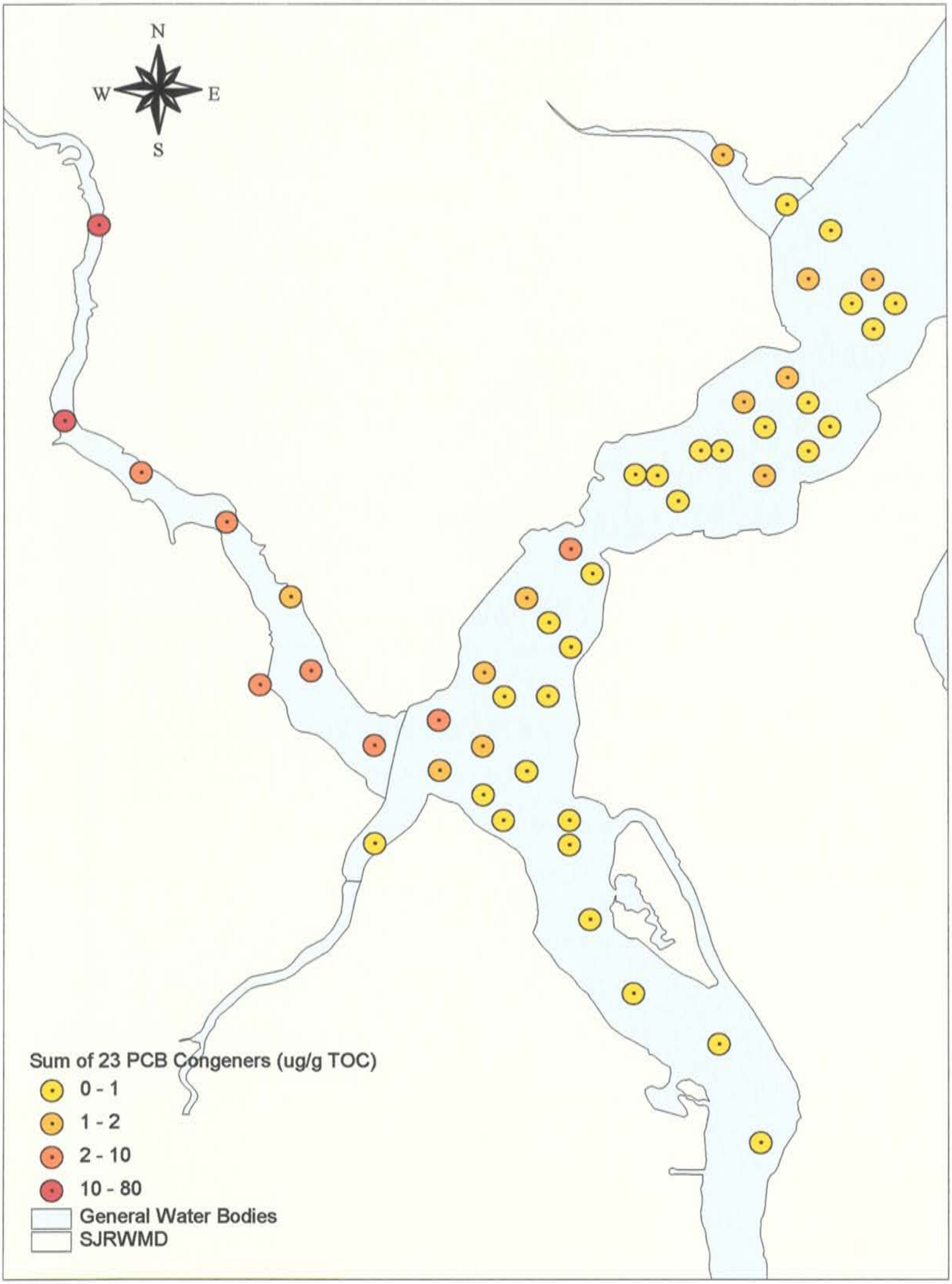


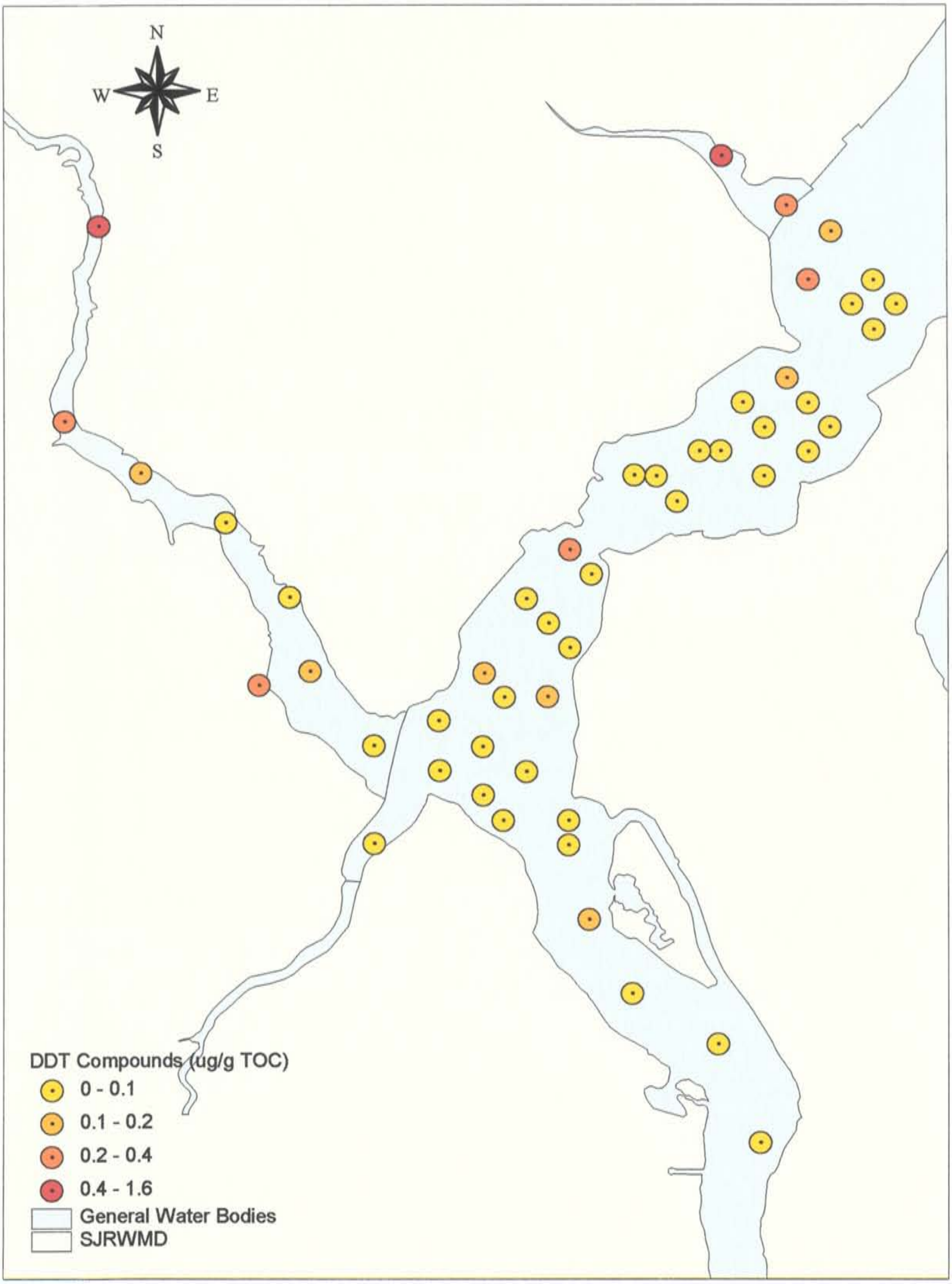
N
W
E
S
Total PAH (ug/g TOC)
0 - 25
25 - 50
50 - 100
100 - 400
General Water Bodies
SJRWMD

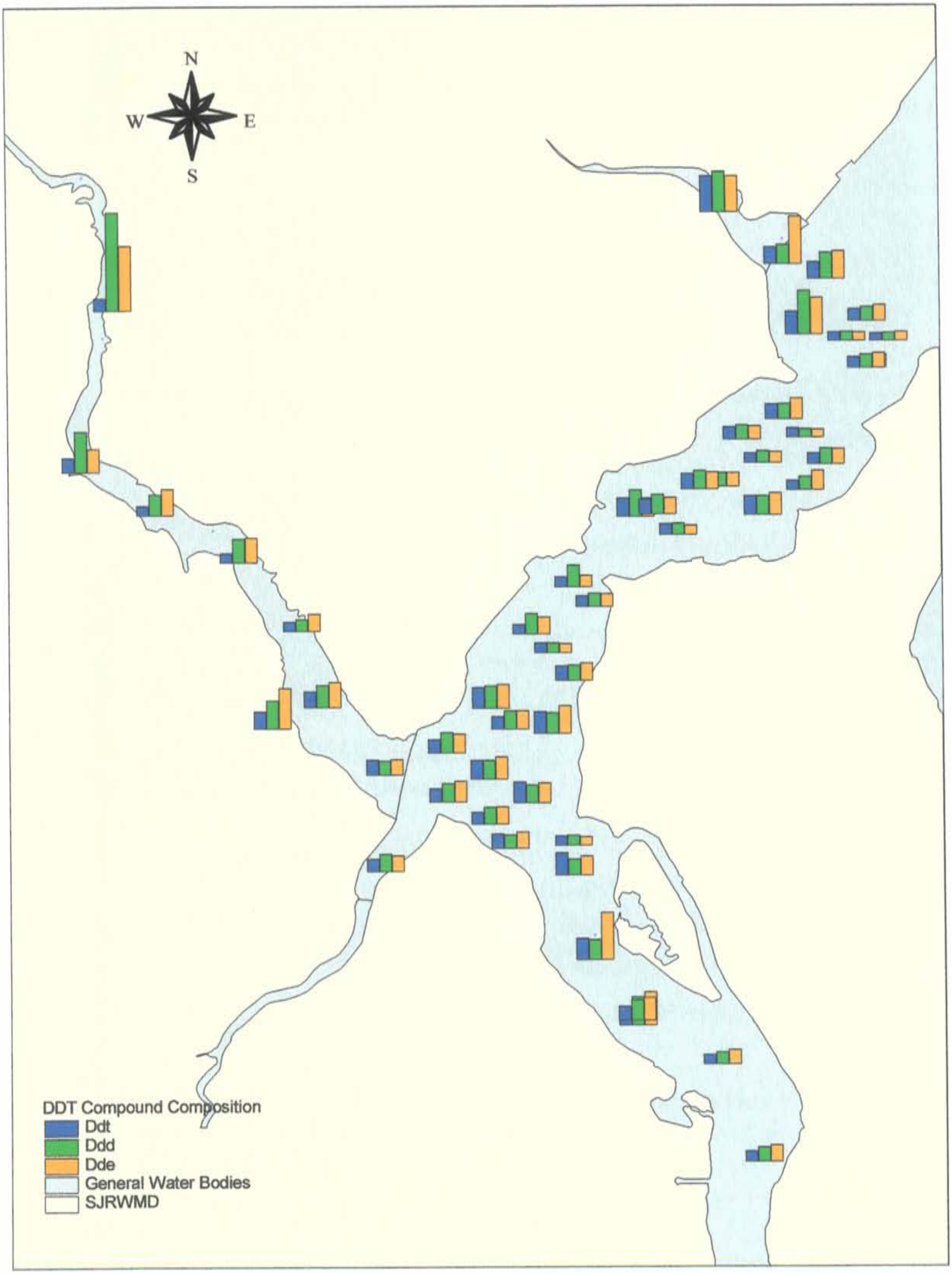


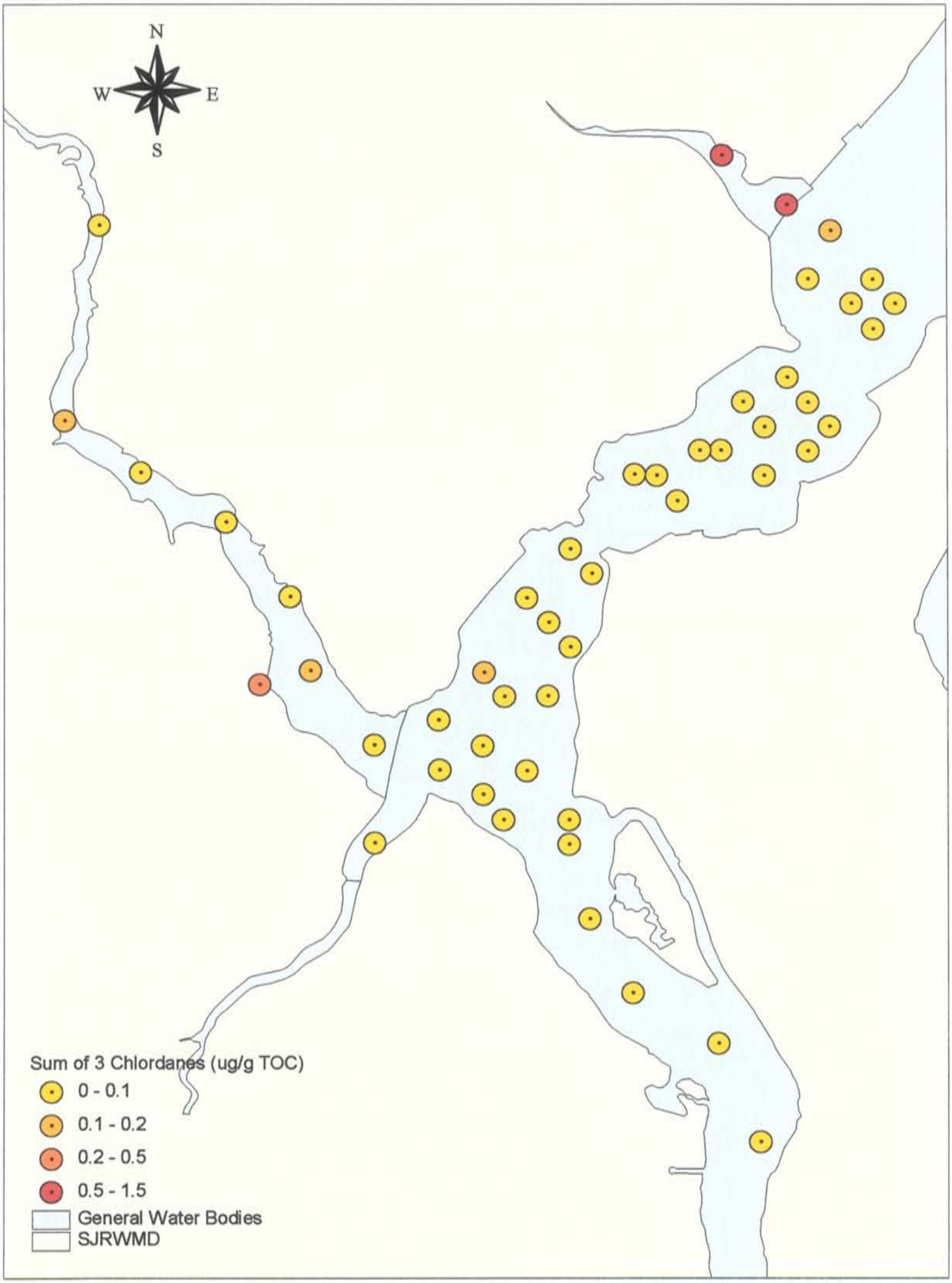
N
W
E
S
PAH Composition - High vs Low M Wt. PAH
High pah
Low pah
General Water Bodies
SJRWMD

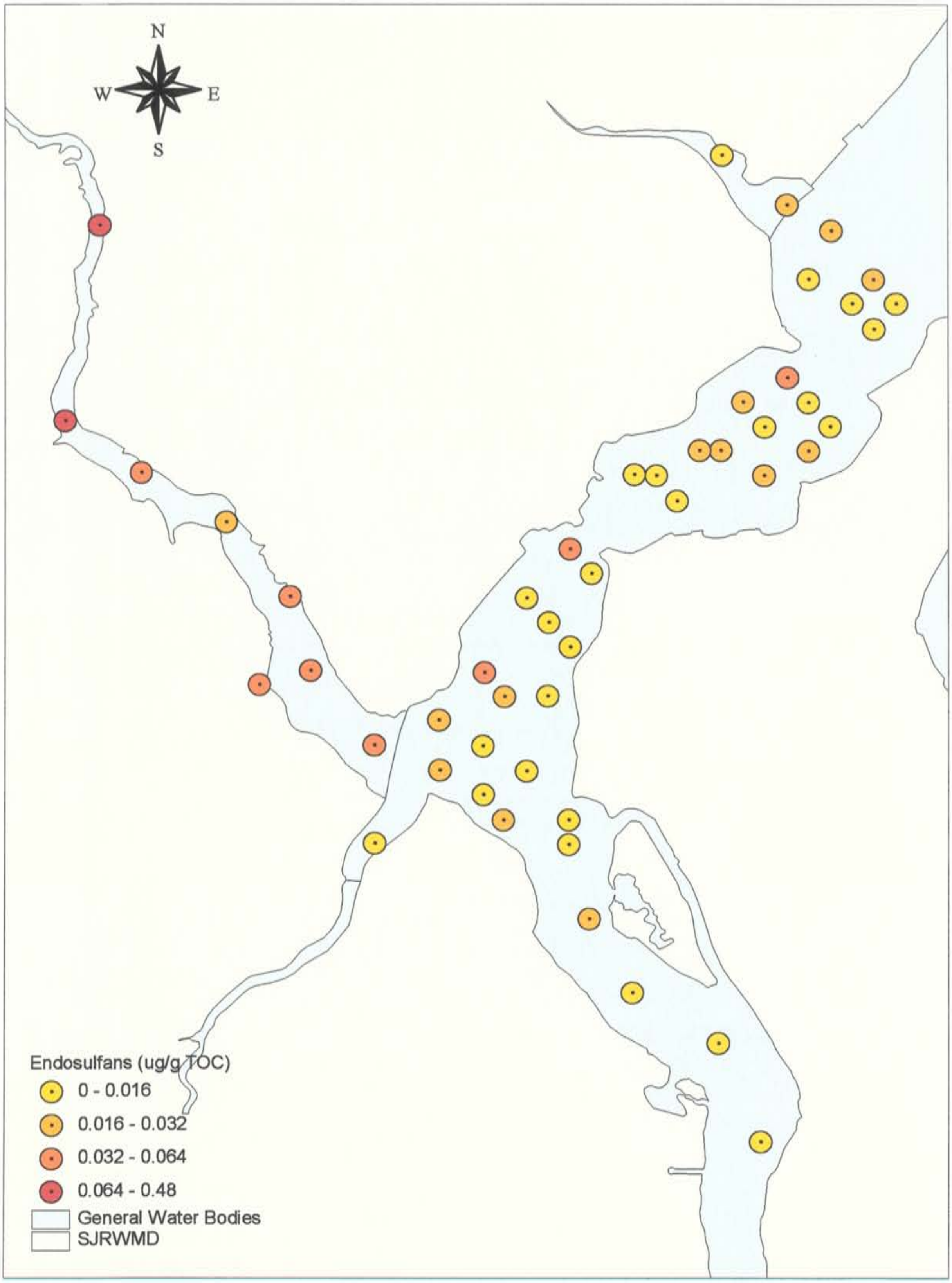

N
W
E
S
Phthalates (ug/g TOC)
0 - 2.5
2.5 - 5
5 - 10
10 - 40
General Water Bodies
SJRWMD

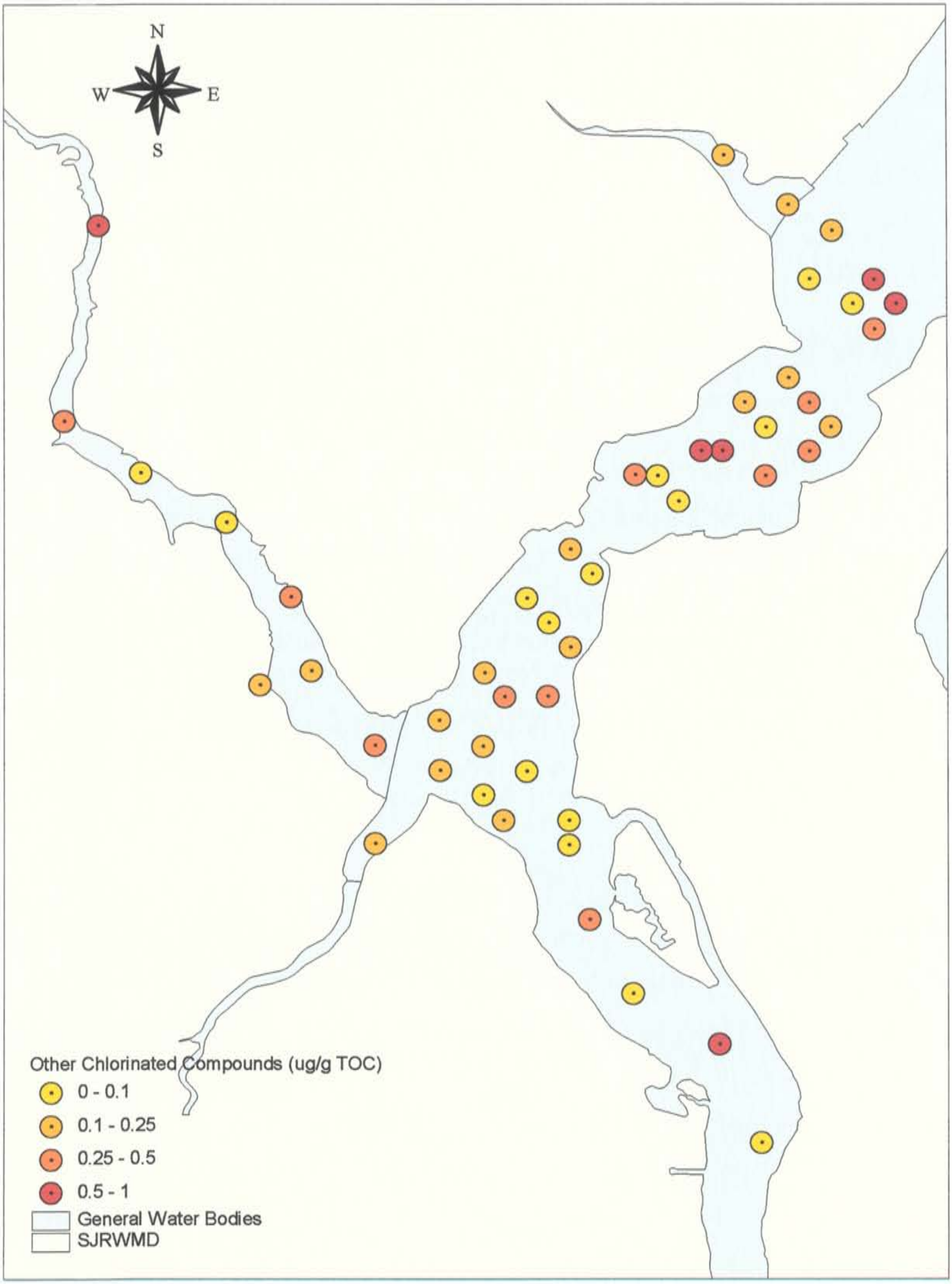

N
W
E
S
Sum of 23 PCB Congeners (ug/g TOC)
0 - 1
1 - 2
2 - 10
10 - 80
General Water Bodies
SJRWMD

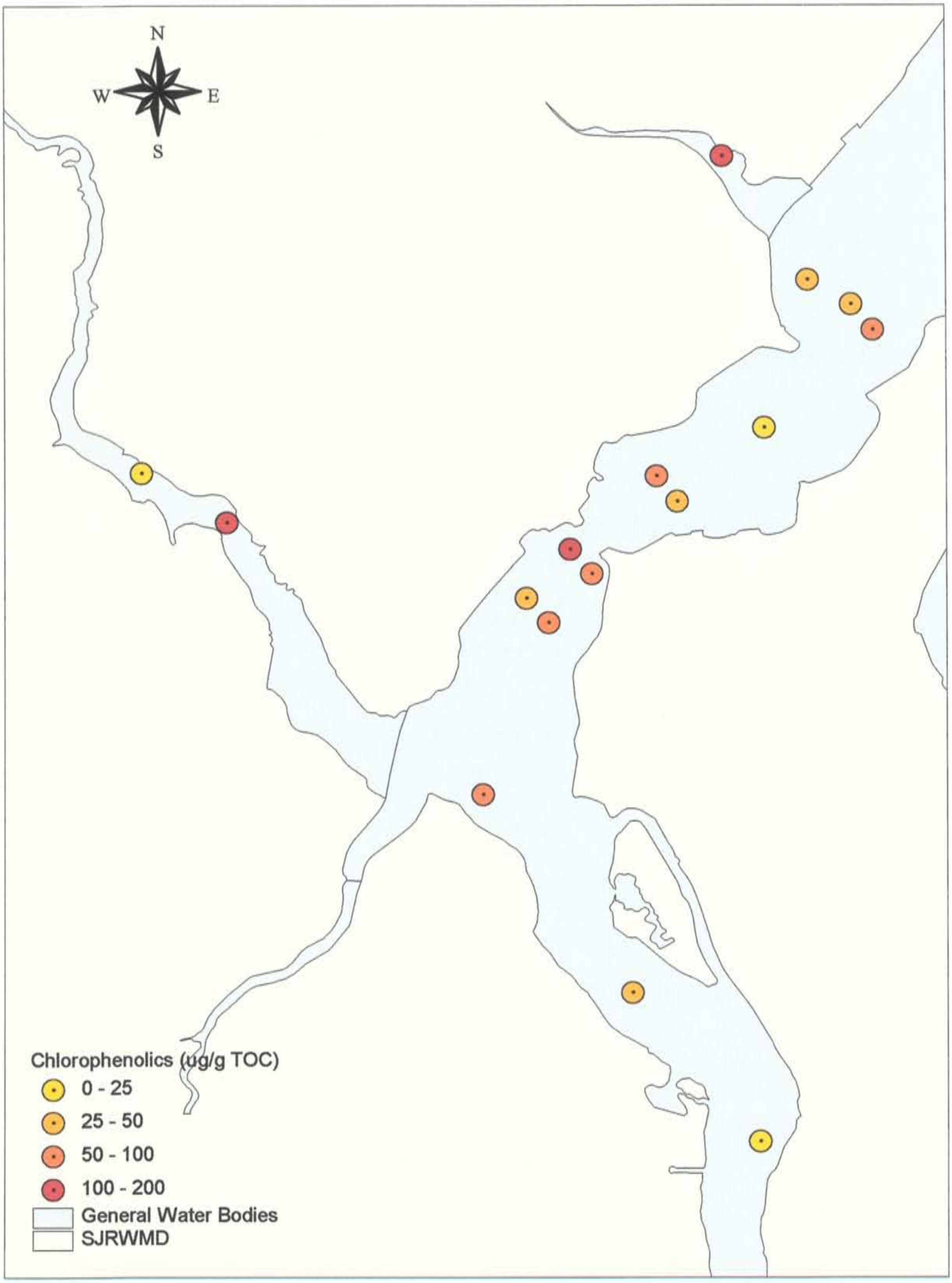

N
W
E
S
DDT Compounds (ug/g TOC)
0 - 0.1
0.1 - 0.2
0.2 - 0.4
0.4 - 1.6
General Water Bodies
SJRWMD

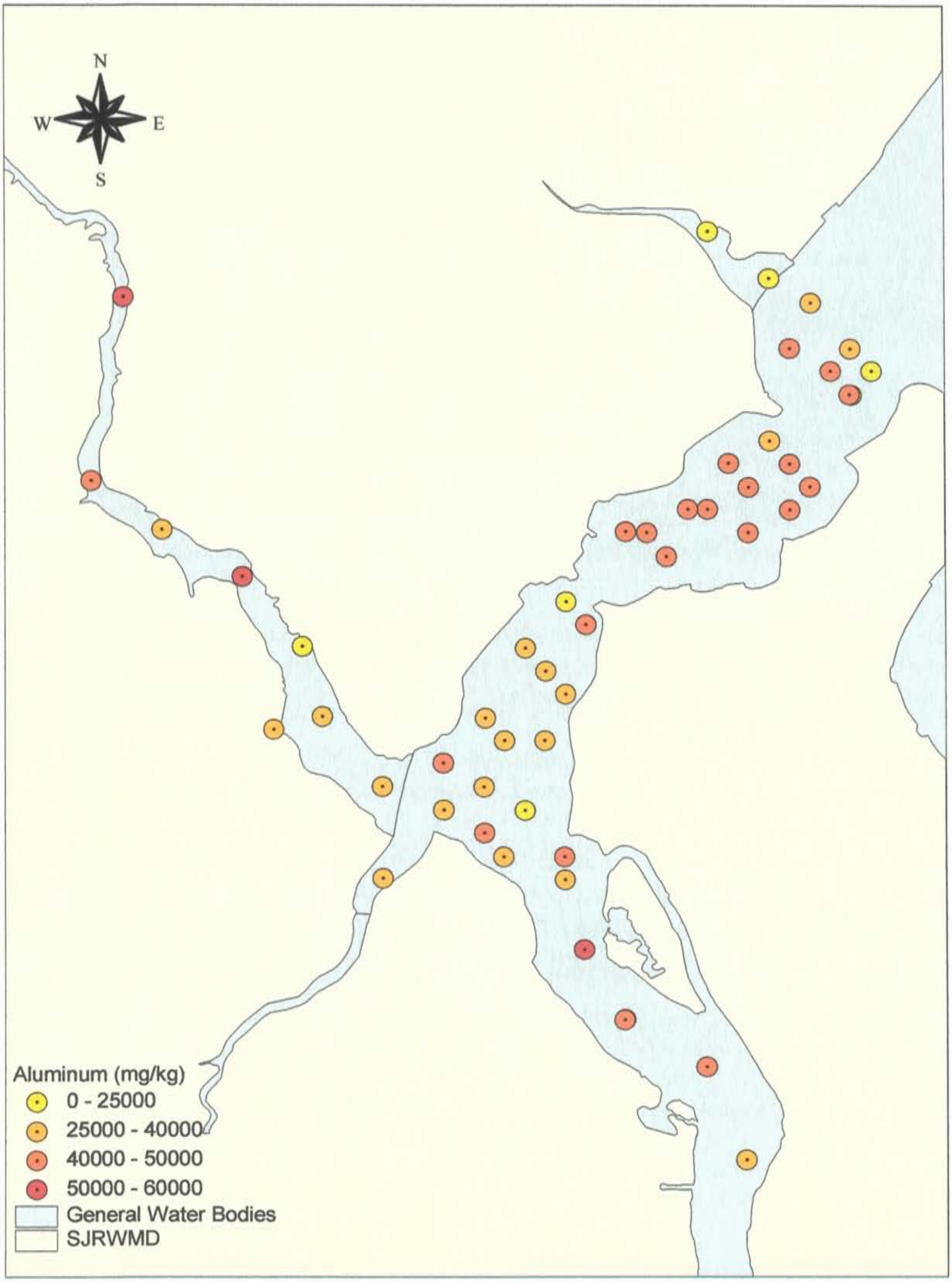

N
W
E
S
DDT Compound Composition
Ddt
Ddd
Dde
General Water Bodies
SJRWMD

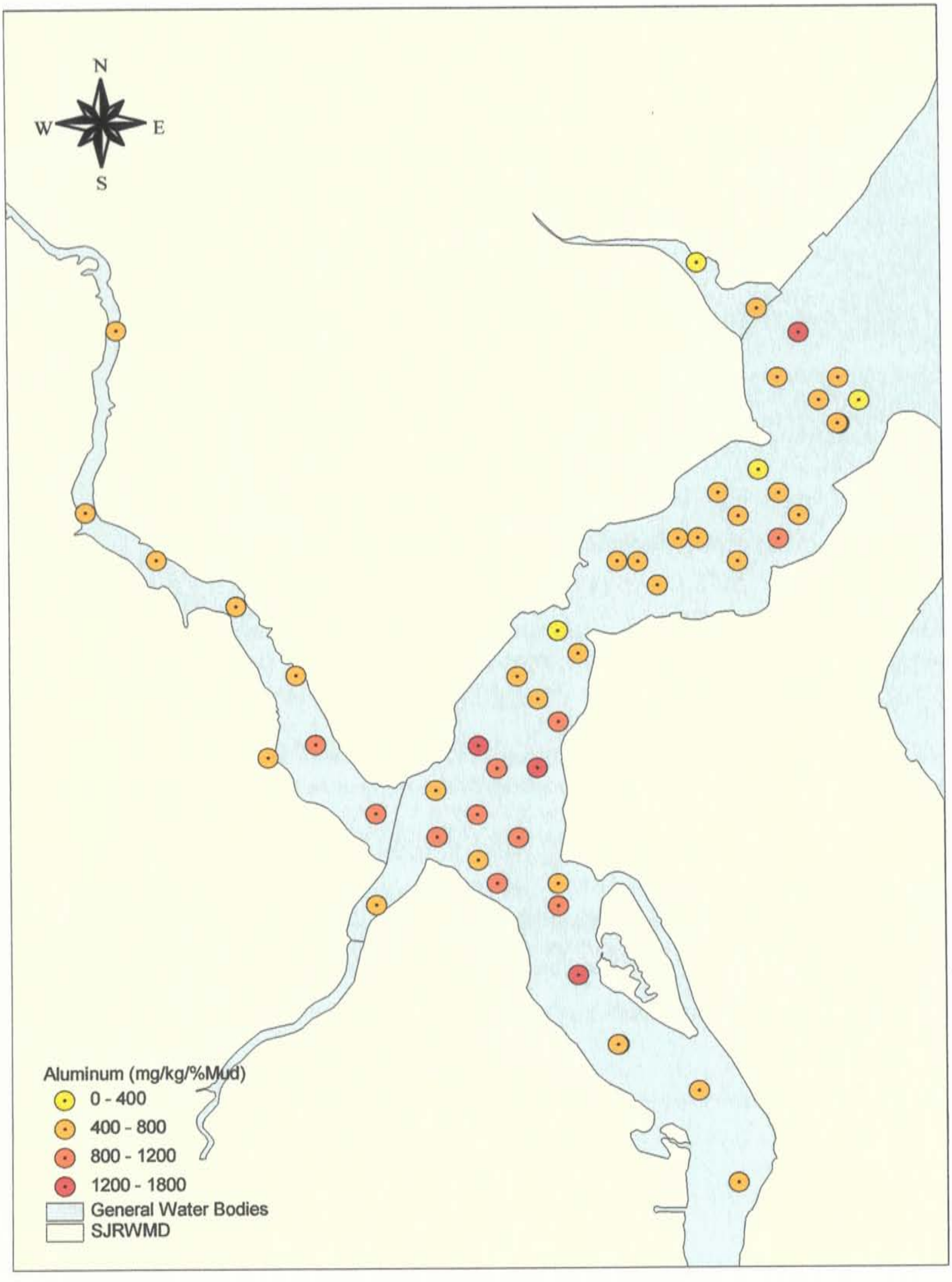

N
W
E
S
Sum of 3 Chlordanes (ug/g TOC)
0 - 0.1
0.1 - 0.2
0.2 - 0.5
0.5 - 1.5
General Water Bodies
SJRWMD

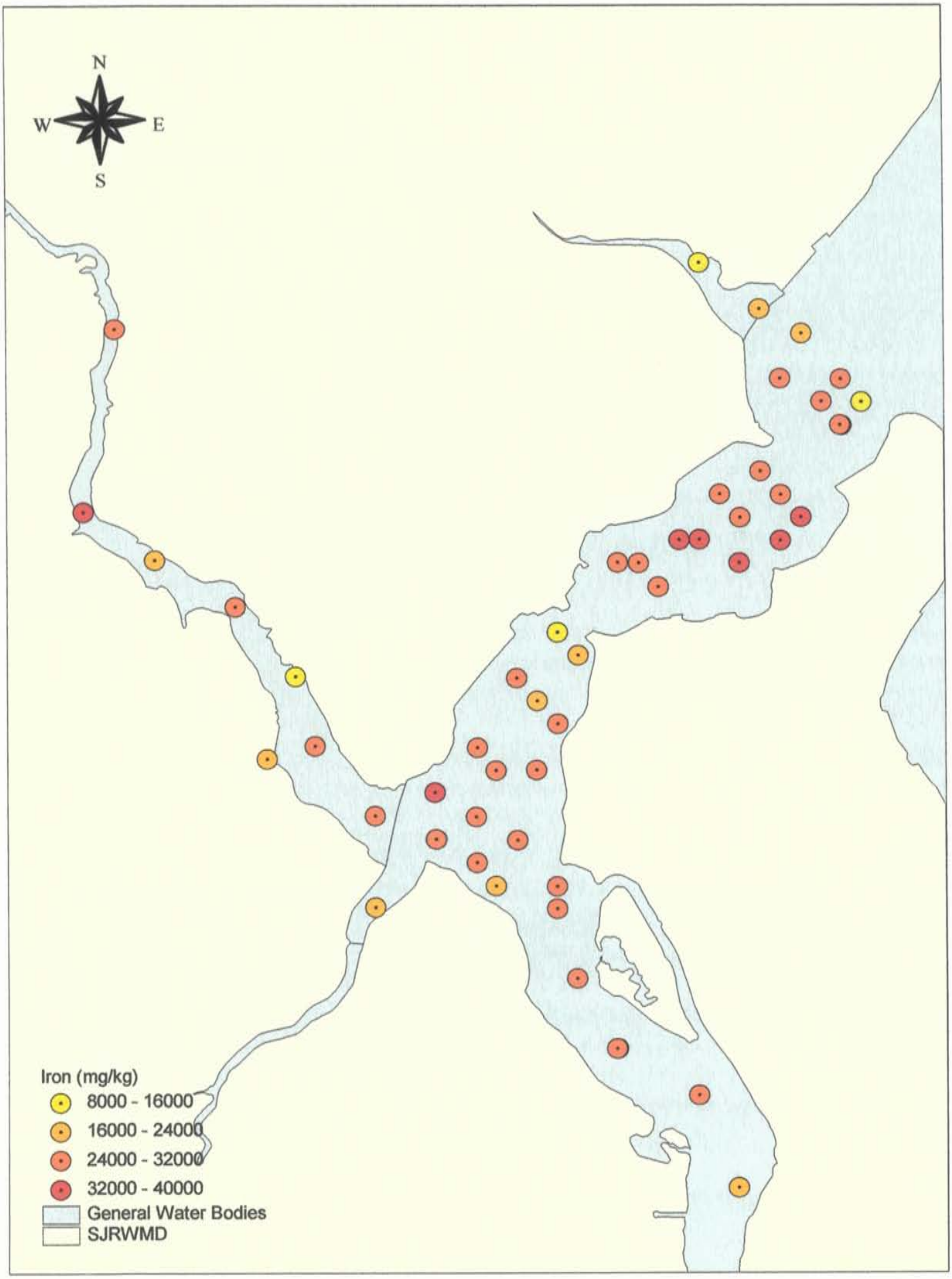

N
W
E
S
Endosulfans (ug/g TOC)
0 - 0.016
0.016 - 0.032
0.032 - 0.064
0.064 - 0.48
General Water Bodies
SJRWMD

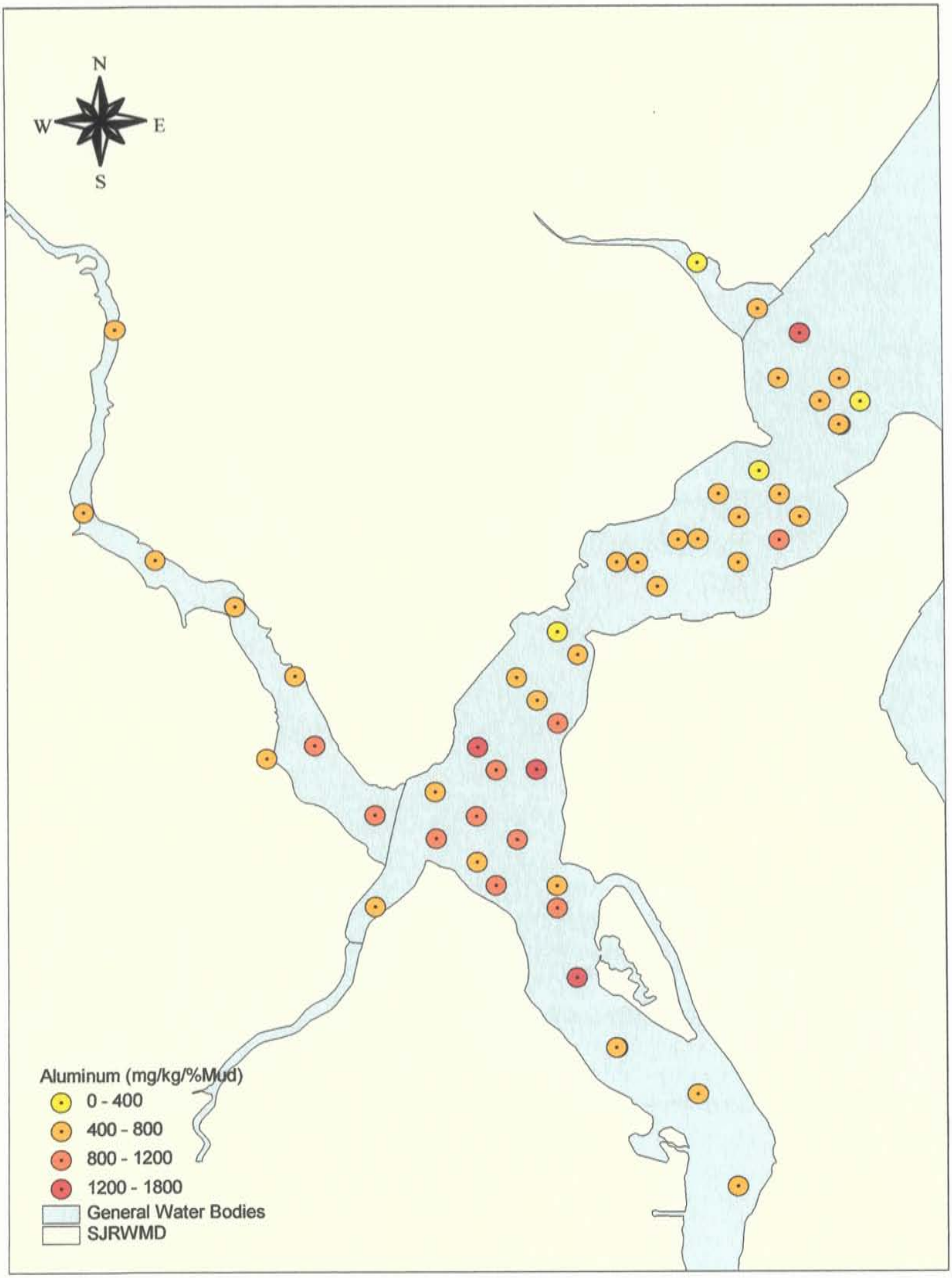

N
W
E
S
Other Chlorinated Compounds (ug/g TOC)
0 - 0.1
0.1 - 0.25
0.25 - 0.5
0.5 - 1
General Water Bodies
SJRWMD

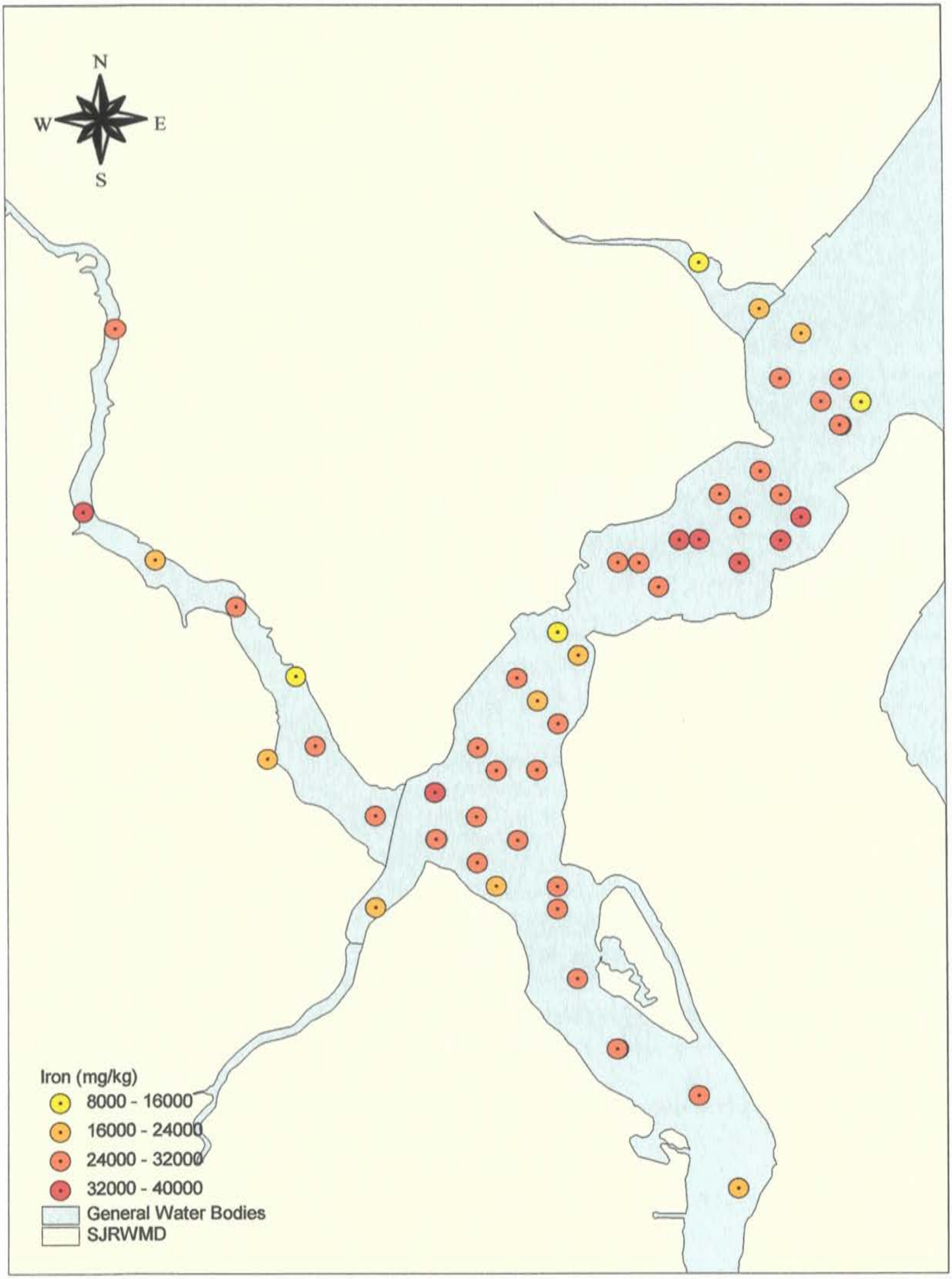

N
W
E
S
Chlorophenolics (ug/g TOC)
0 - 25
25 - 50
50 - 100
100 - 200
General Water Bodies
SJRWMD

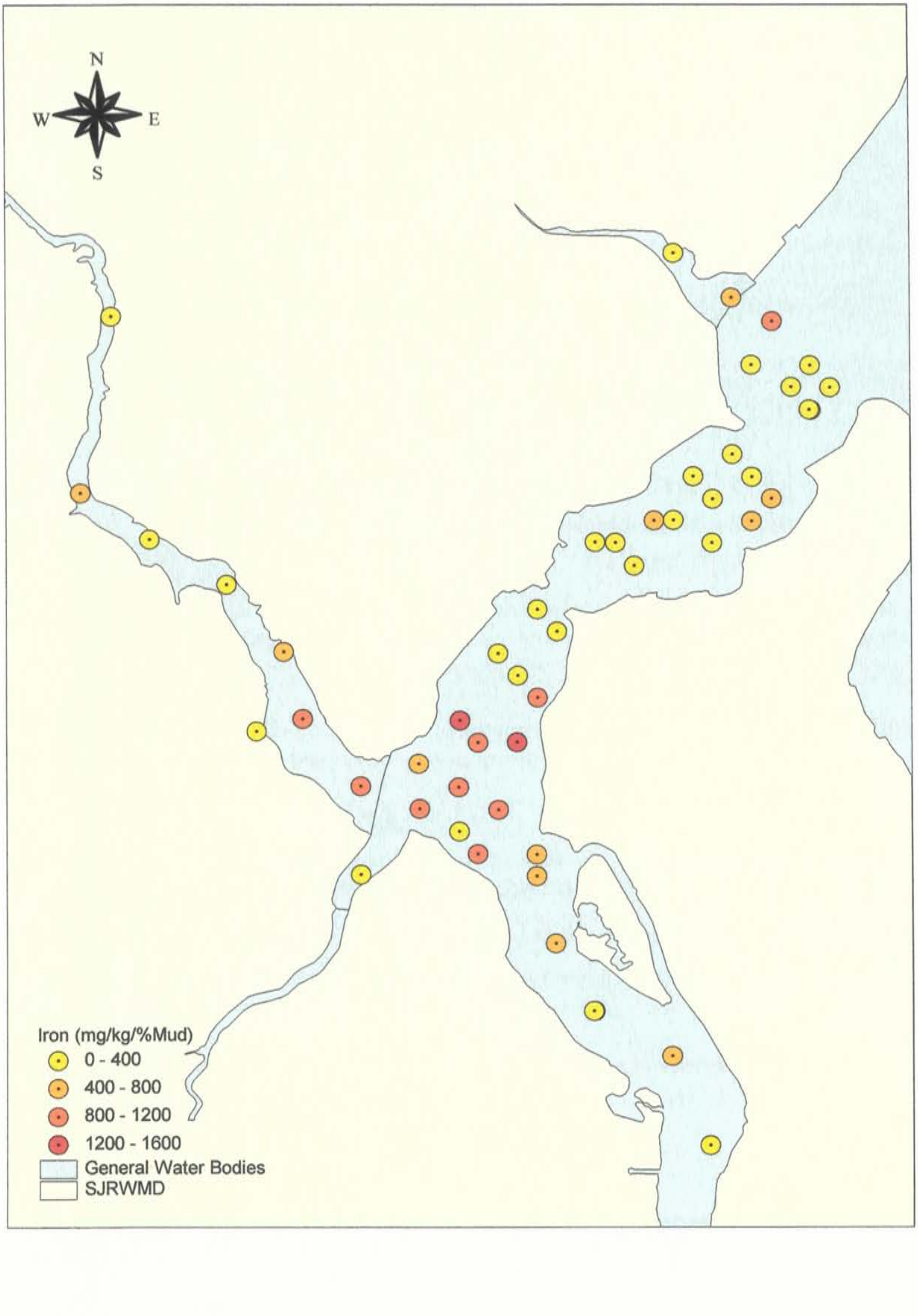

N
W
E
S
Aluminum (mg/kg)
0 - 25000
25000 - 40000
40000 - 50000
50000 - 60000
General Water Bodies
SJRWMD


N
W
E
S
Aluminum (mg/kg/%Mud)
0 - 400
400 - 800
800 - 1200
1200 - 1800
General Water Bodies
SJRWMD

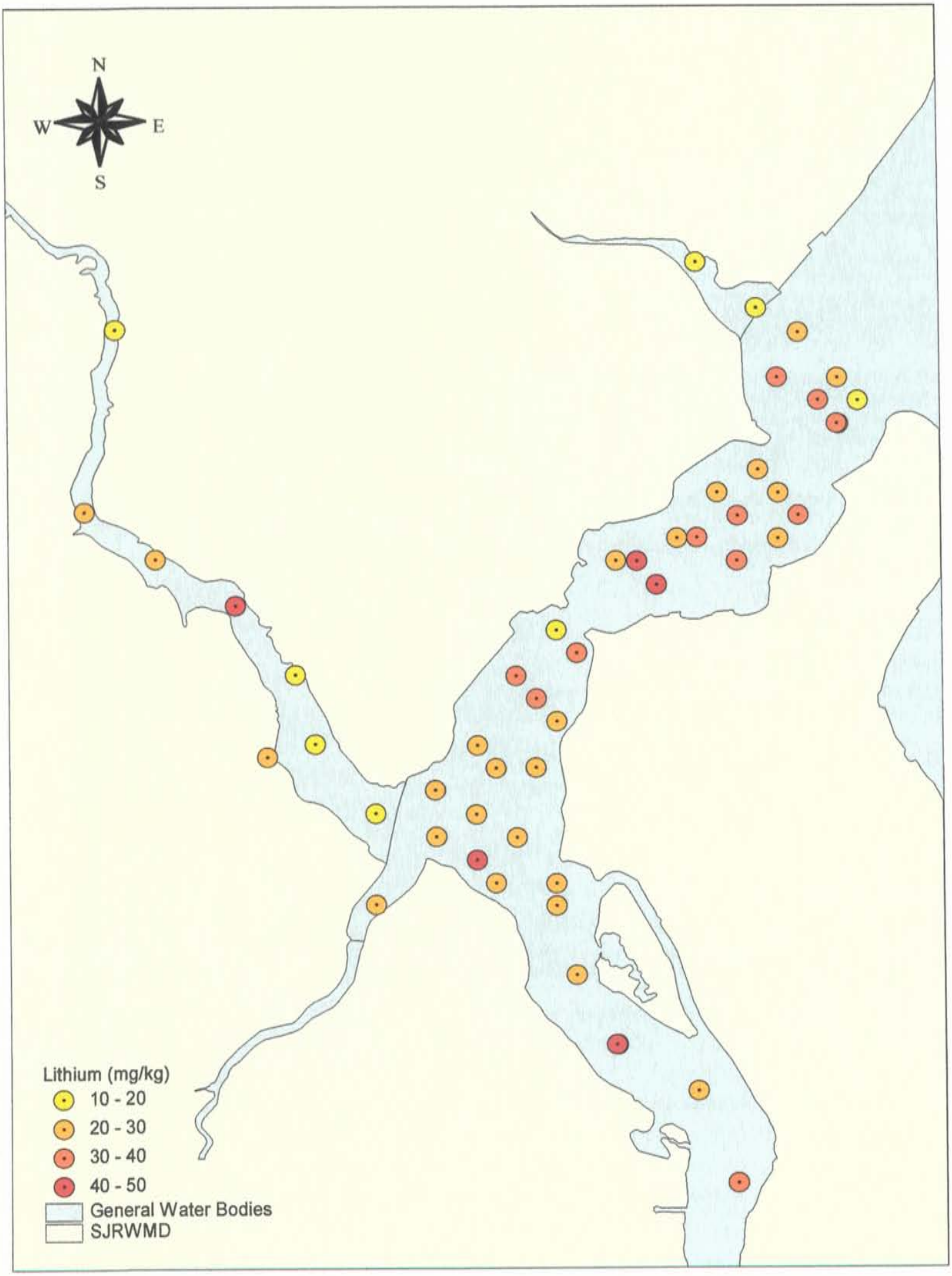

N
W
E
S
Iron (mg/kg)
8000 - 16000
16000 - 24000
24000 - 32000
32000 - 40000
General Water Bodies
SJRWMD


N
W
E
S
Aluminum (mg/kg/%Mud)
0 - 400
400 - 800
800 - 1200
1200 - 1800
General Water Bodies
SJRWMD

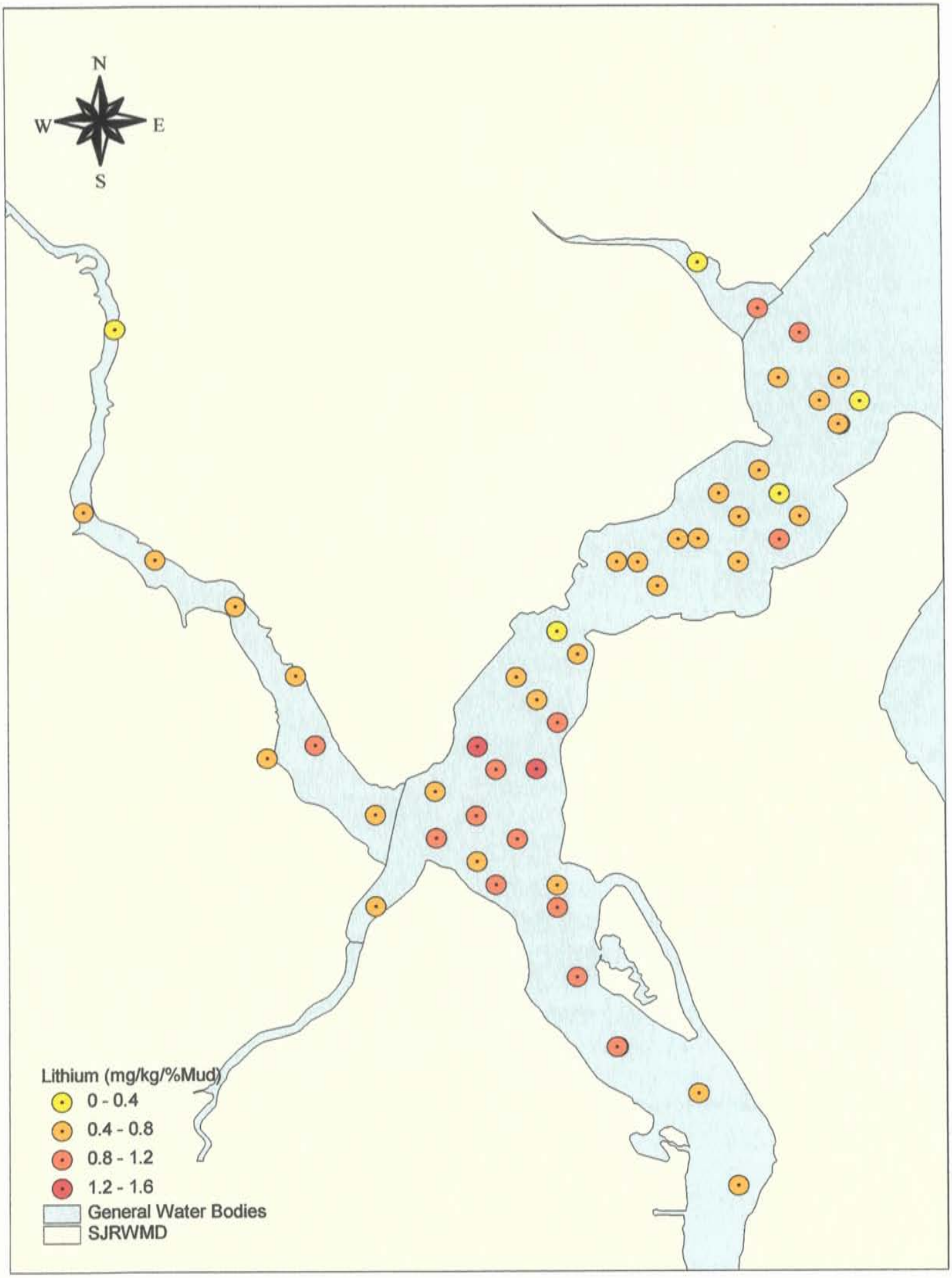

N
W
E
S
Iron (mg/kg)
8000 - 16000
16000 - 24000
24000 - 32000
32000 - 40000
General Water Bodies
SJRWMD

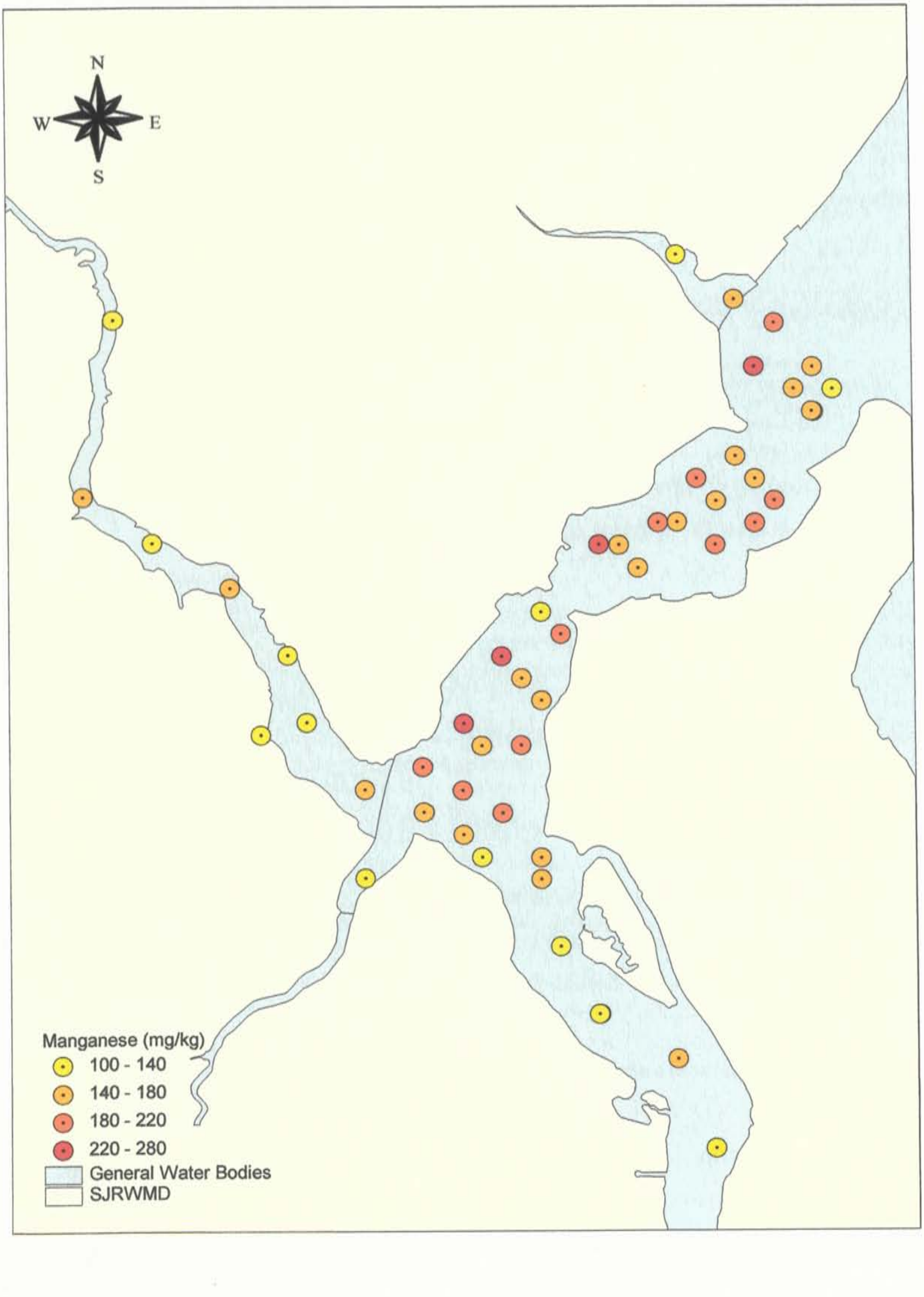


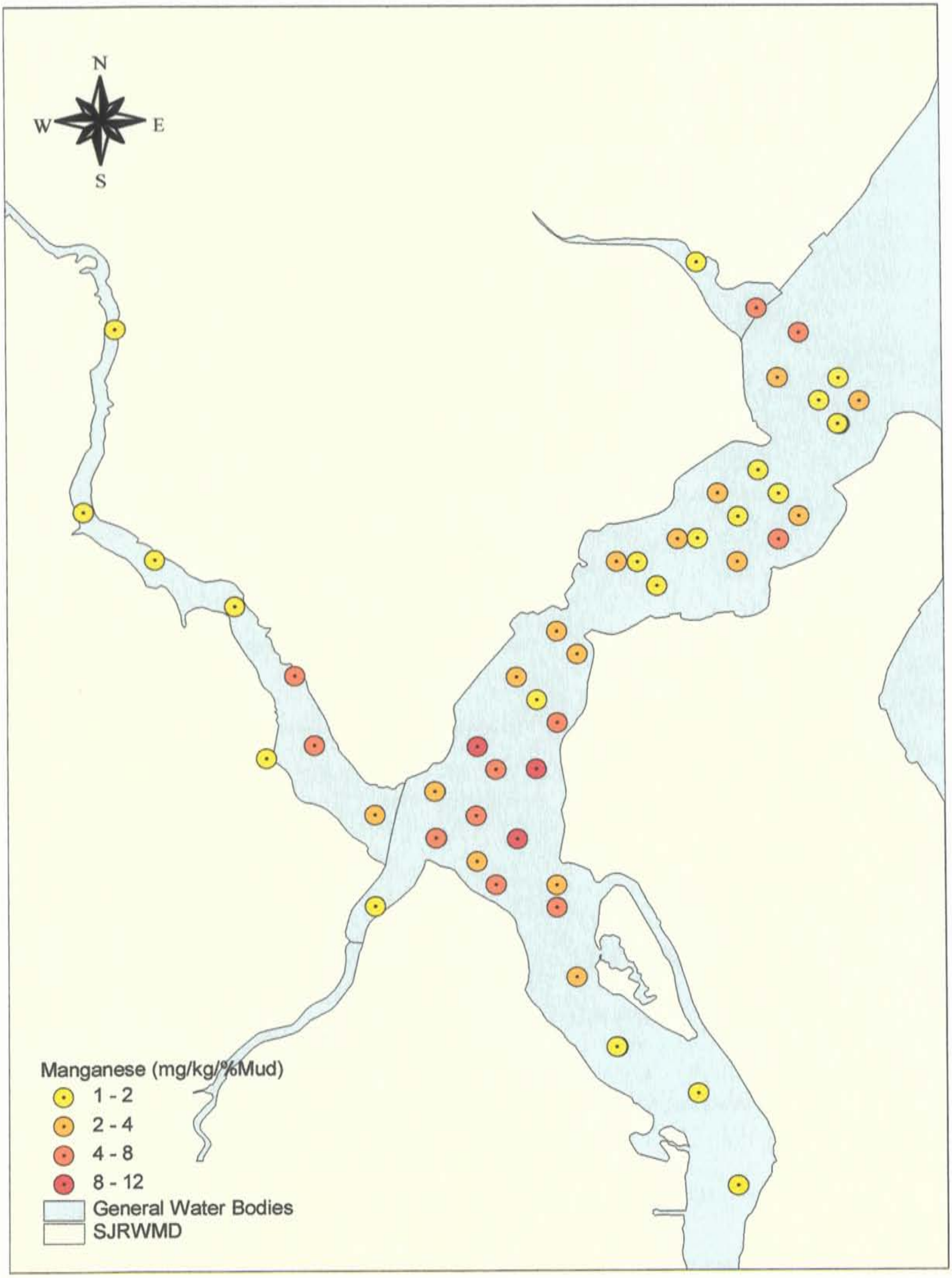
N
W
E
S
Iron (mg/kg/%Mud)
0 - 400
400 - 800
800 - 1200
1200 - 1600
General Water Bodies
SJRWMD



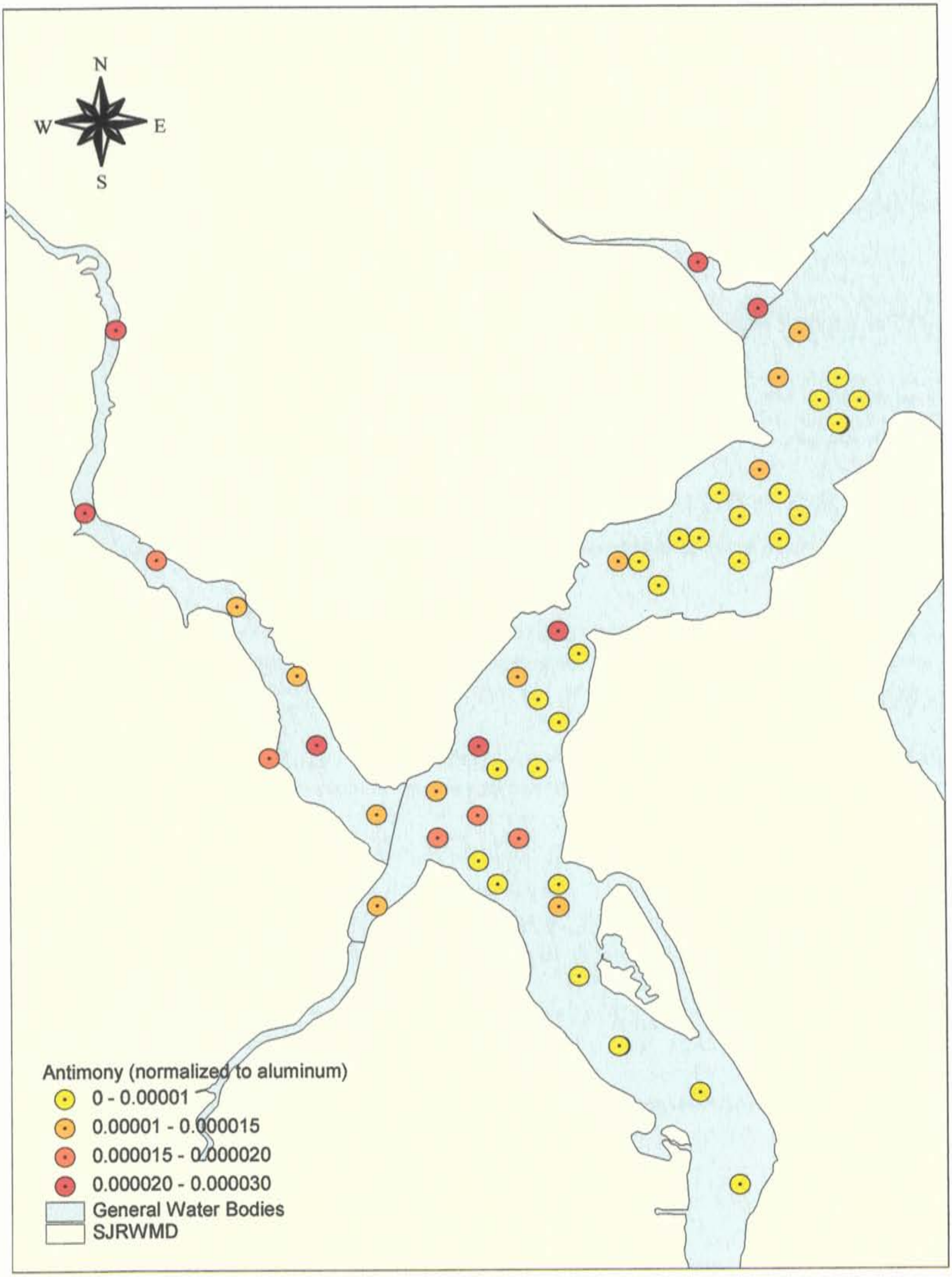
N
W
E
S
Lithium (mg/kg)
10 - 20
20 - 30
30 - 40
40 - 50
General Water Bodies
SJRWMD

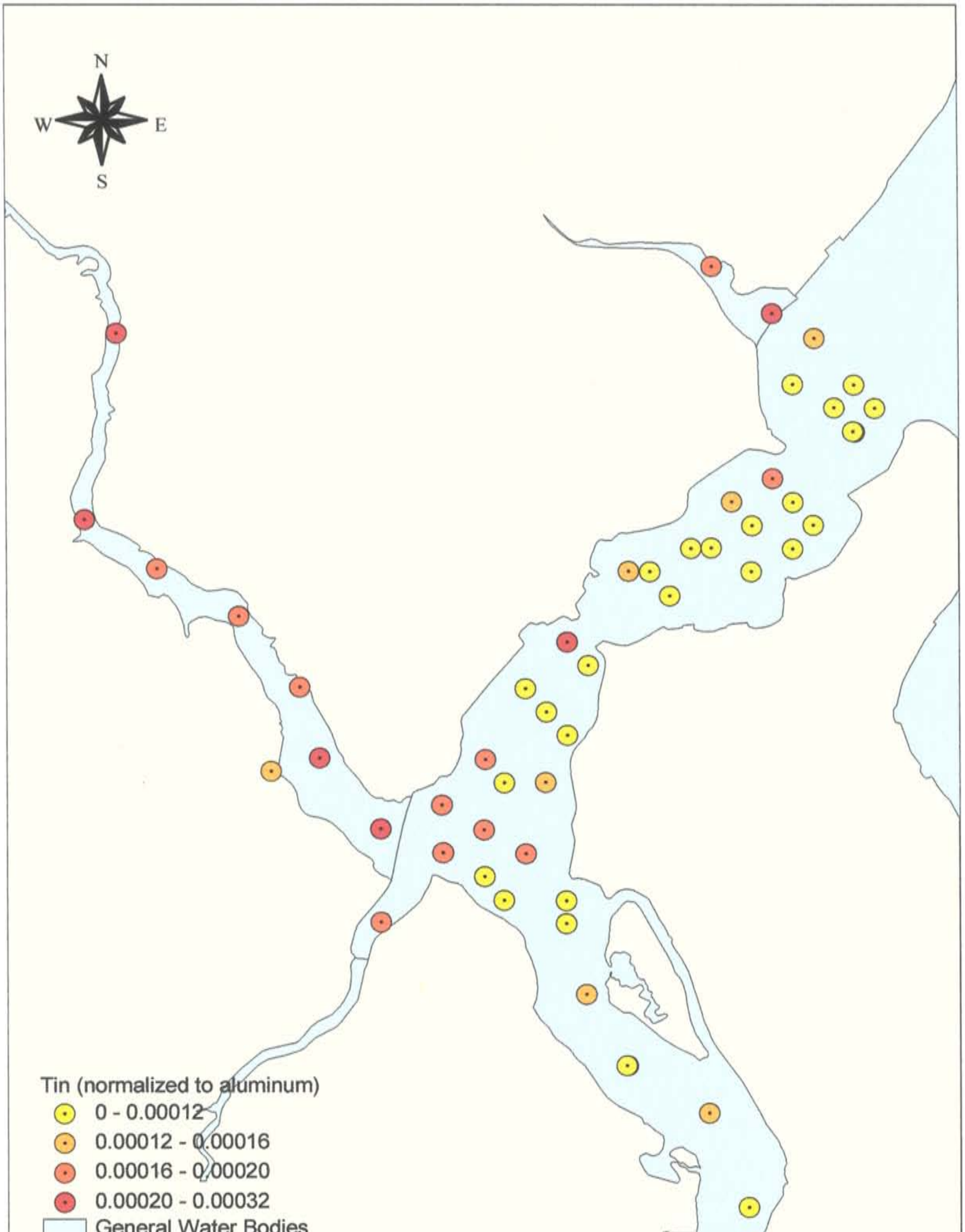

N
W
E
S
Lithium (mg/kg/%Mud)
0 - 0.4
0.4 - 0.8
0.8 - 1.2
1.2 - 1.6
General Water Bodies
SJRWMD

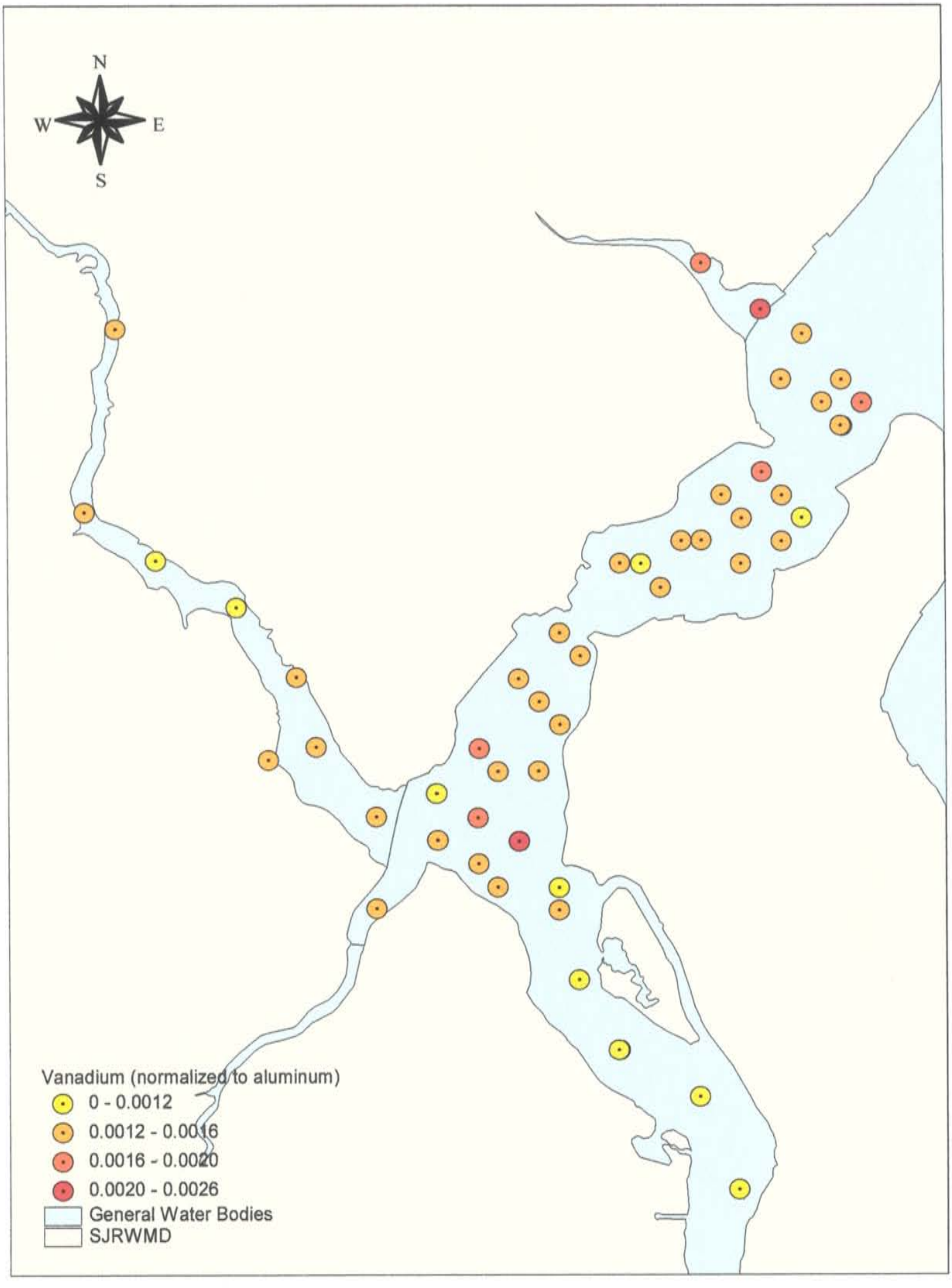

N
W
E
S
Manganese (mg/kg)
100 - 140
140 - 180
180 - 220
220 - 280
General Water Bodies
SJRWMD

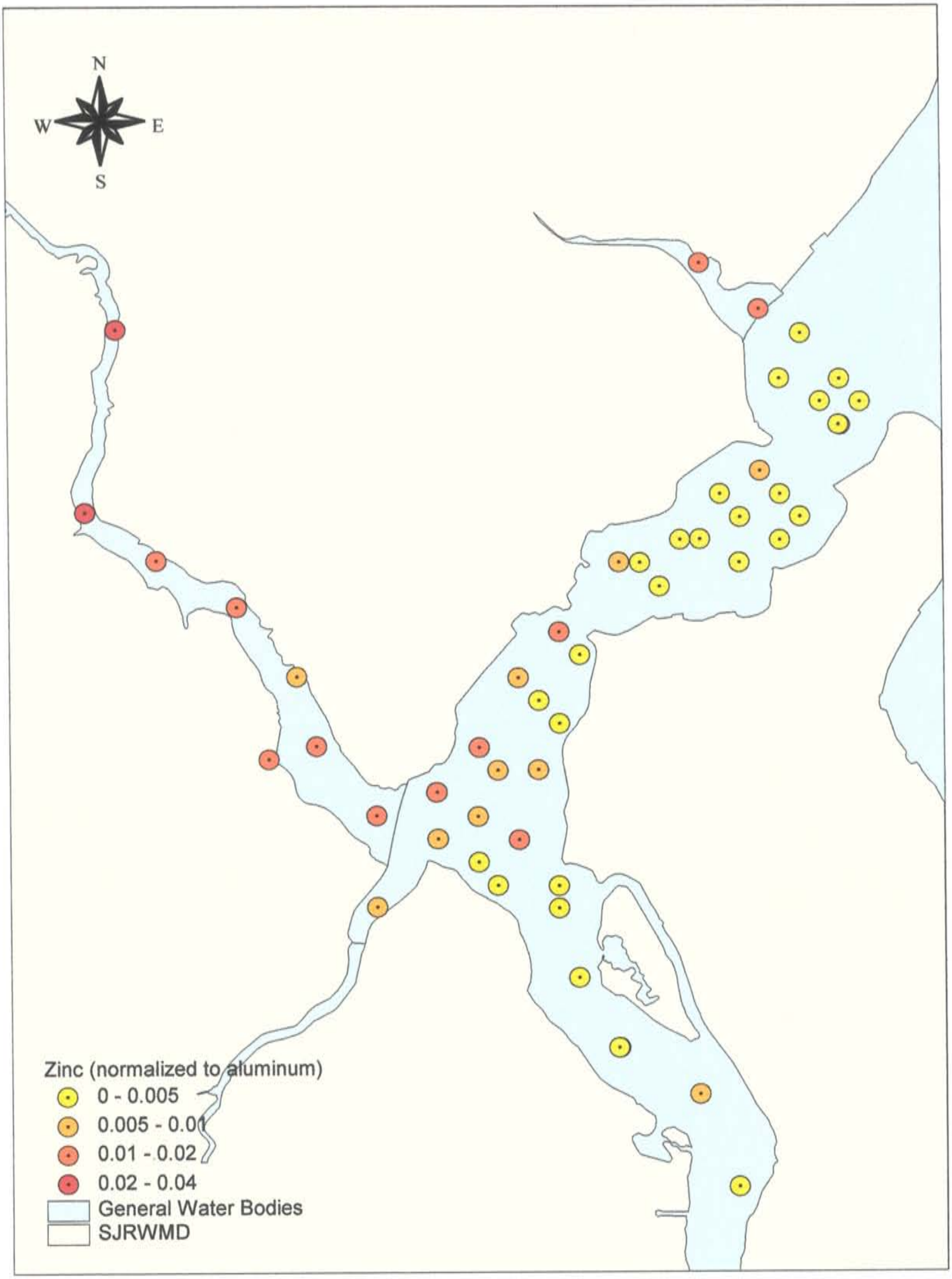


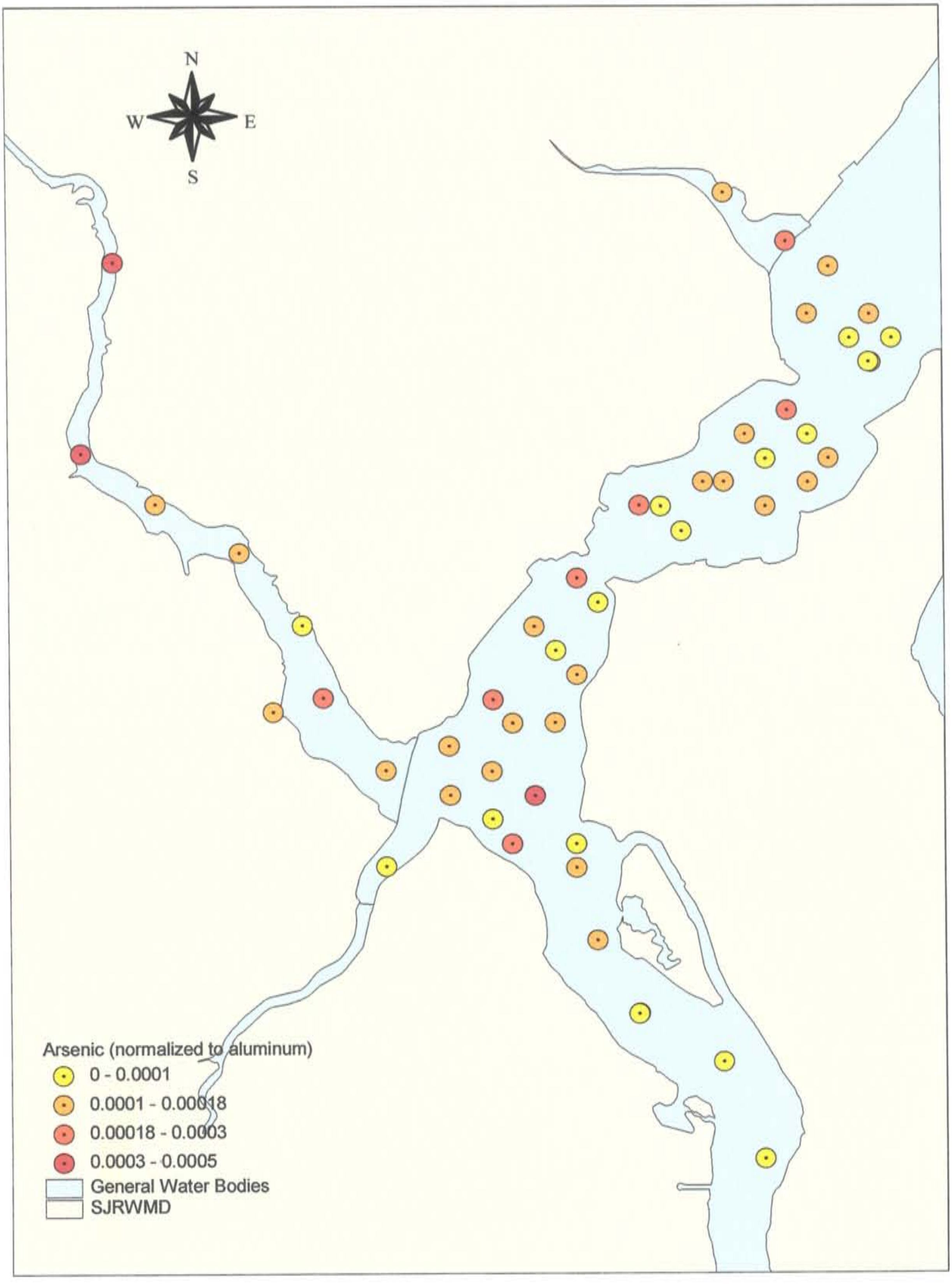
N
W
E
S
Manganese (mg/kg/%Mud)
1 - 2
2 - 4
4 - 8
8 - 12
General Water Bodies
SJRWMD

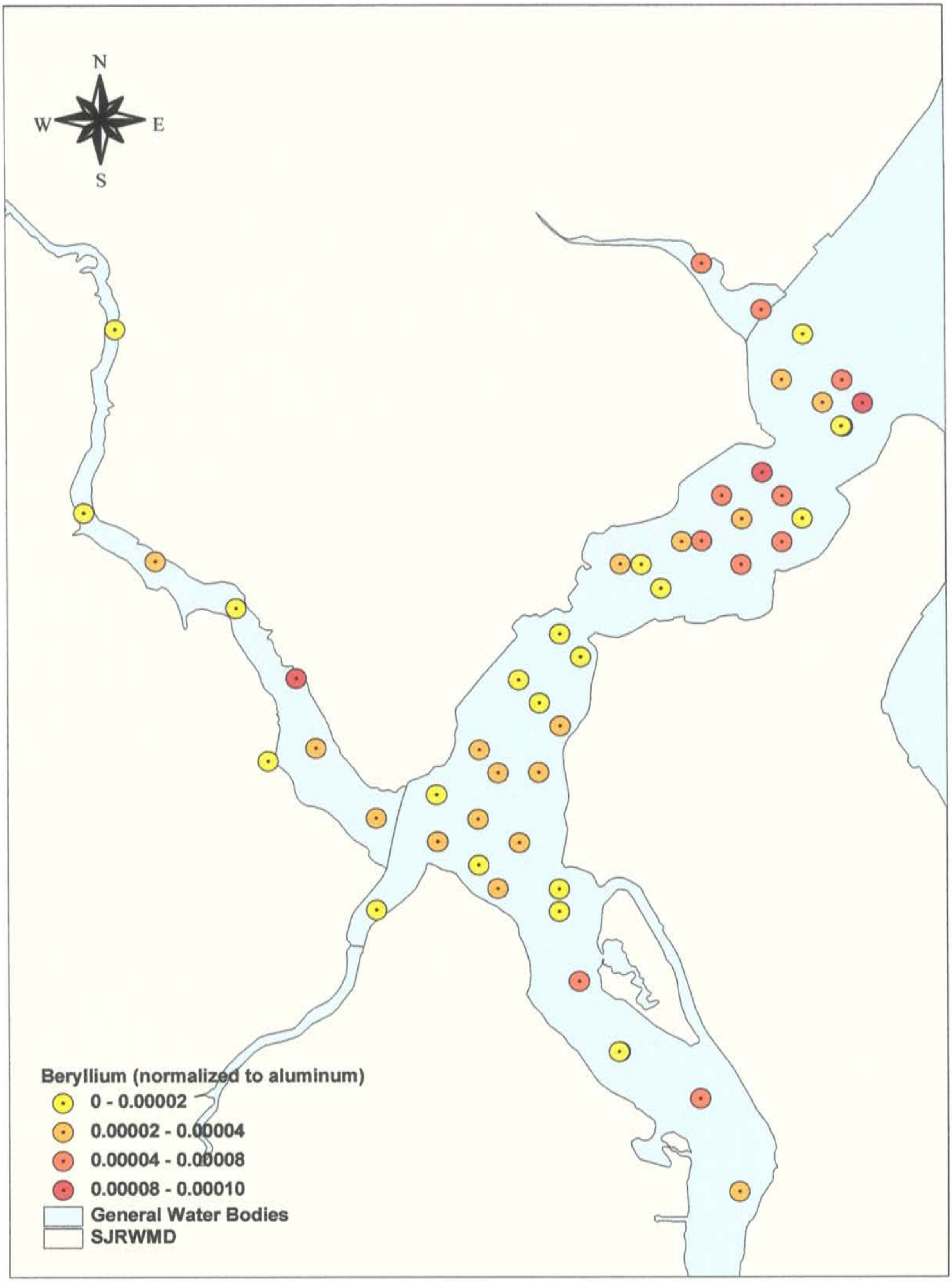

N
W
E
S
Antimony (normalized to aluminum)
0 - 0.00001
0.00001 - 0.000015
0.000015 - 0.000020
0.000020 - 0.000030
General Water Bodies
SJRWMD

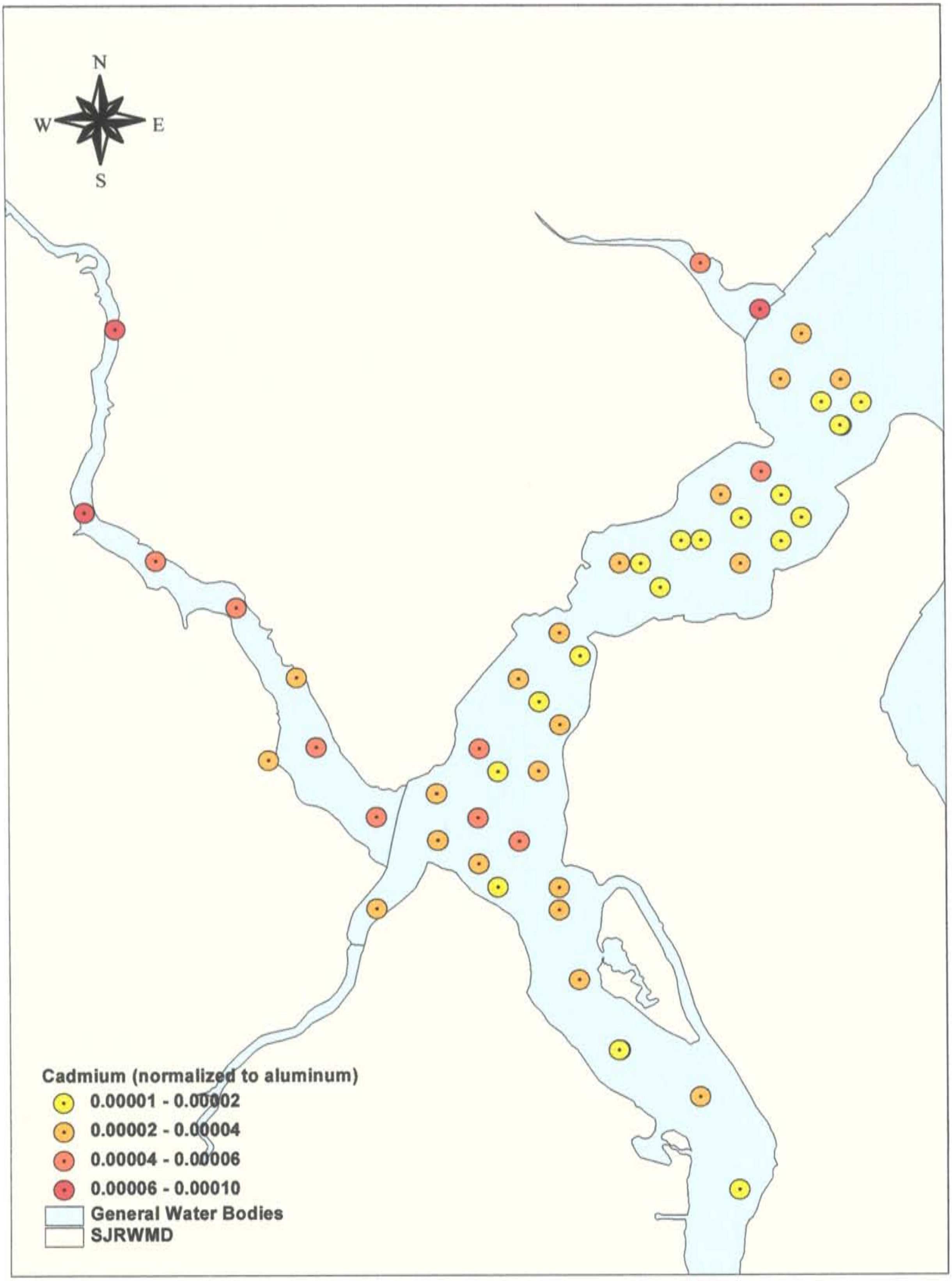

N
W
E
S
Tin (normalized to aluminum)
0 - 0.00012
0.00012 - 0.00016
0.00016 - 0.00020
0.00020 - 0.00032
General Water Bodies
SJRWMD

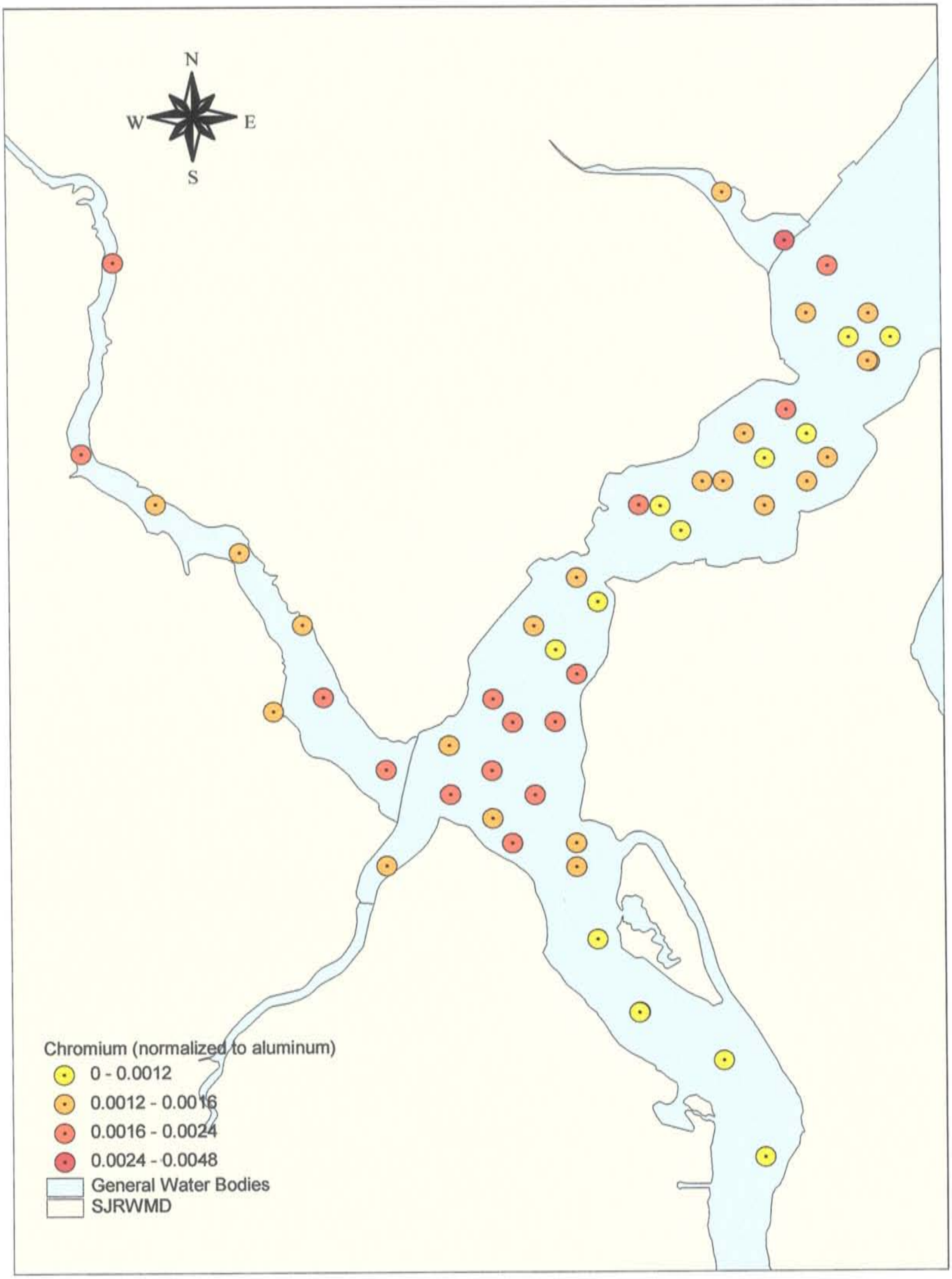

N
W
E
S
Vanadium (normalized to aluminum)
0 - 0.0012
0.0012 - 0.0016
0.0016 - 0.0020
0.0020 - 0.0026
General Water Bodies
SJRWMD

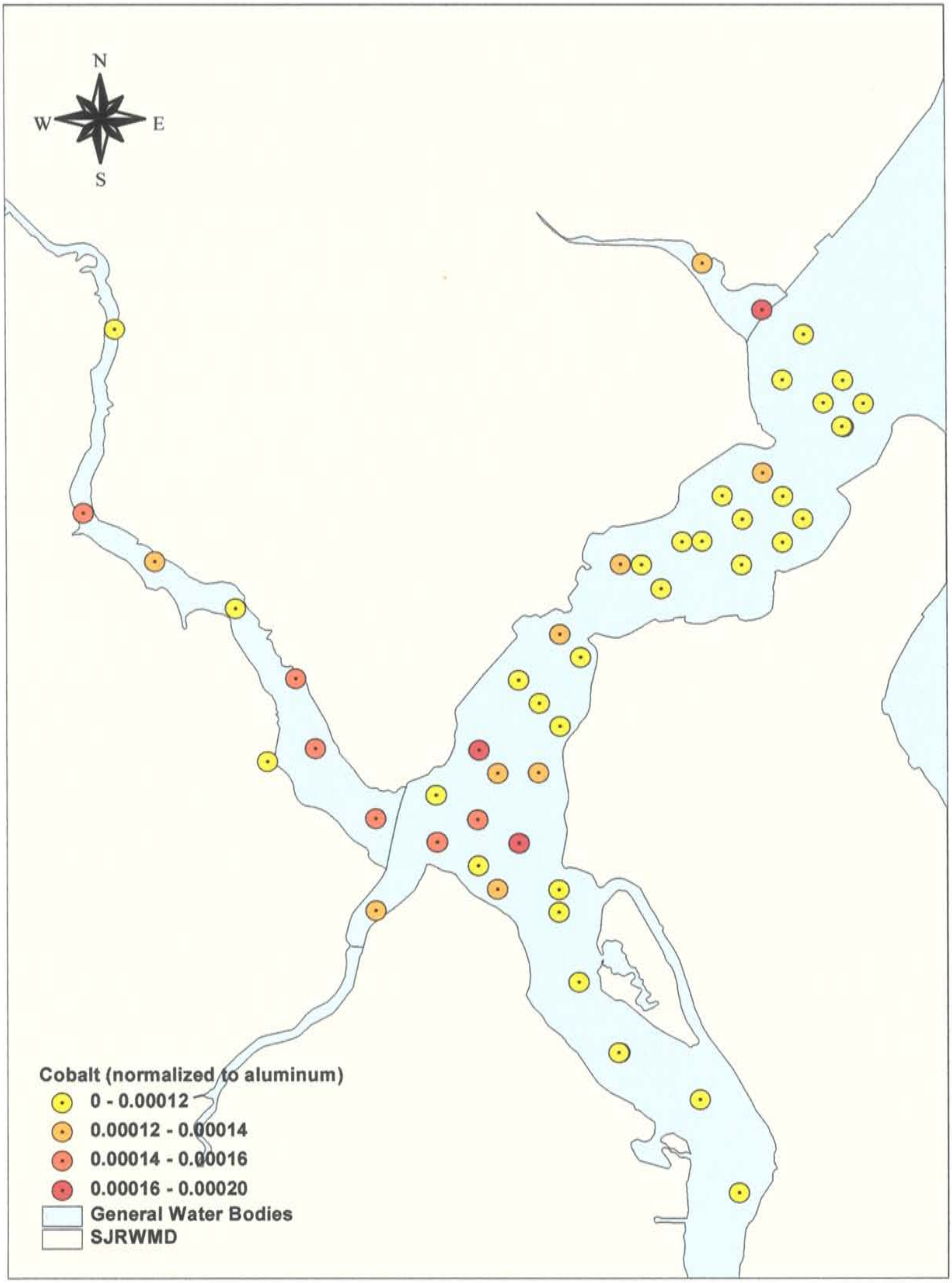

N
W
E
S
Zinc (normalized to aluminum)
0 - 0.005
0.005 - 0.01
0.01 - 0.02
0.02 - 0.04
General Water Bodies
SJRWMD

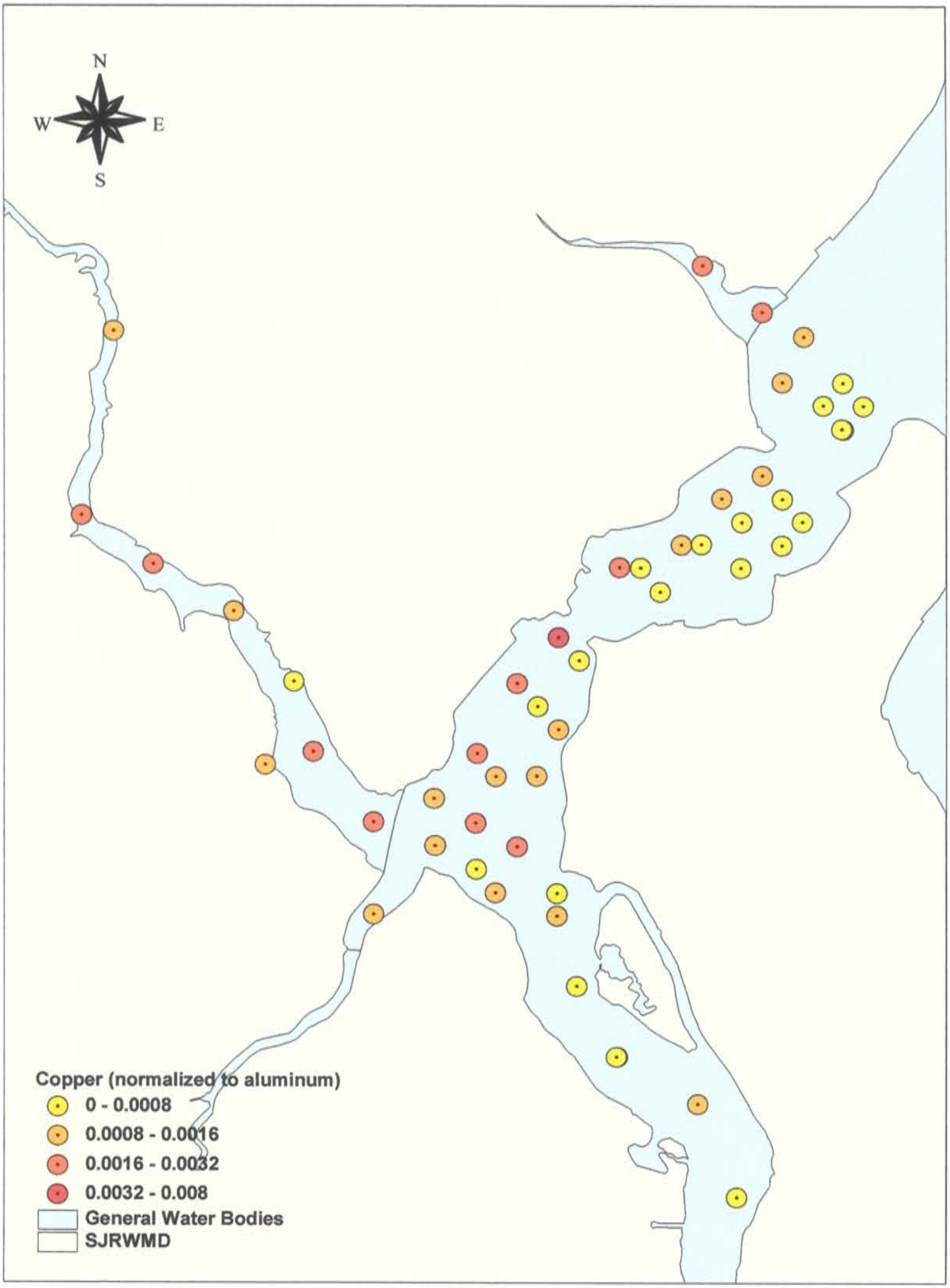

N
W
E
S
Arsenic (normalized to aluminum)
0 - 0.0001
0.0001 - 0.00018
0.00018 - 0.0003
0.0003 - 0.0005
General Water Bodies
SJRWMD

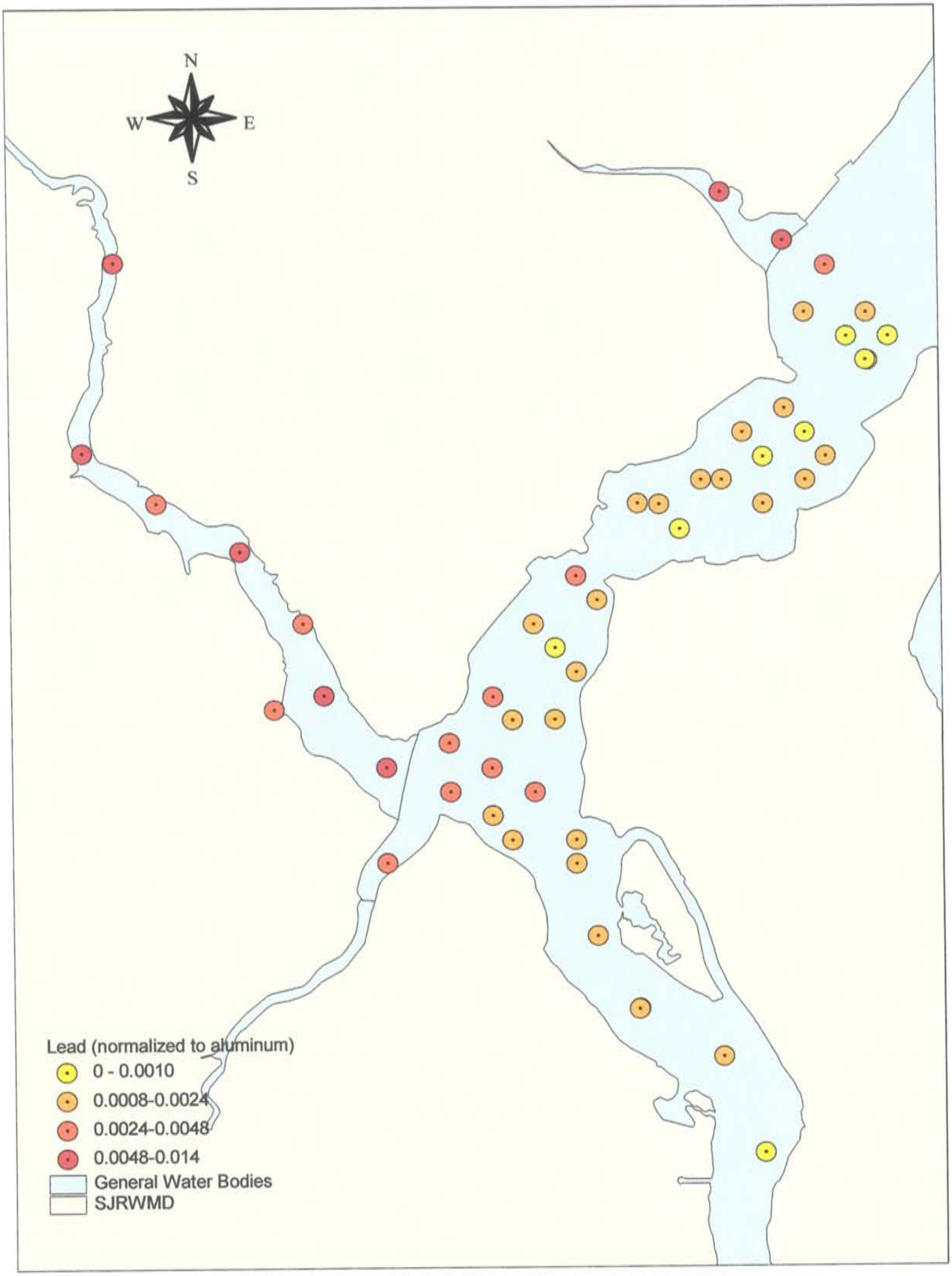

N
W
E
S
Beryllium (normalized to aluminum)
0 - 0.00002
0.00002 - 0.00004
0.00004 - 0.00008
0.00008 - 0.00010
General Water Bodies
SJRWMD

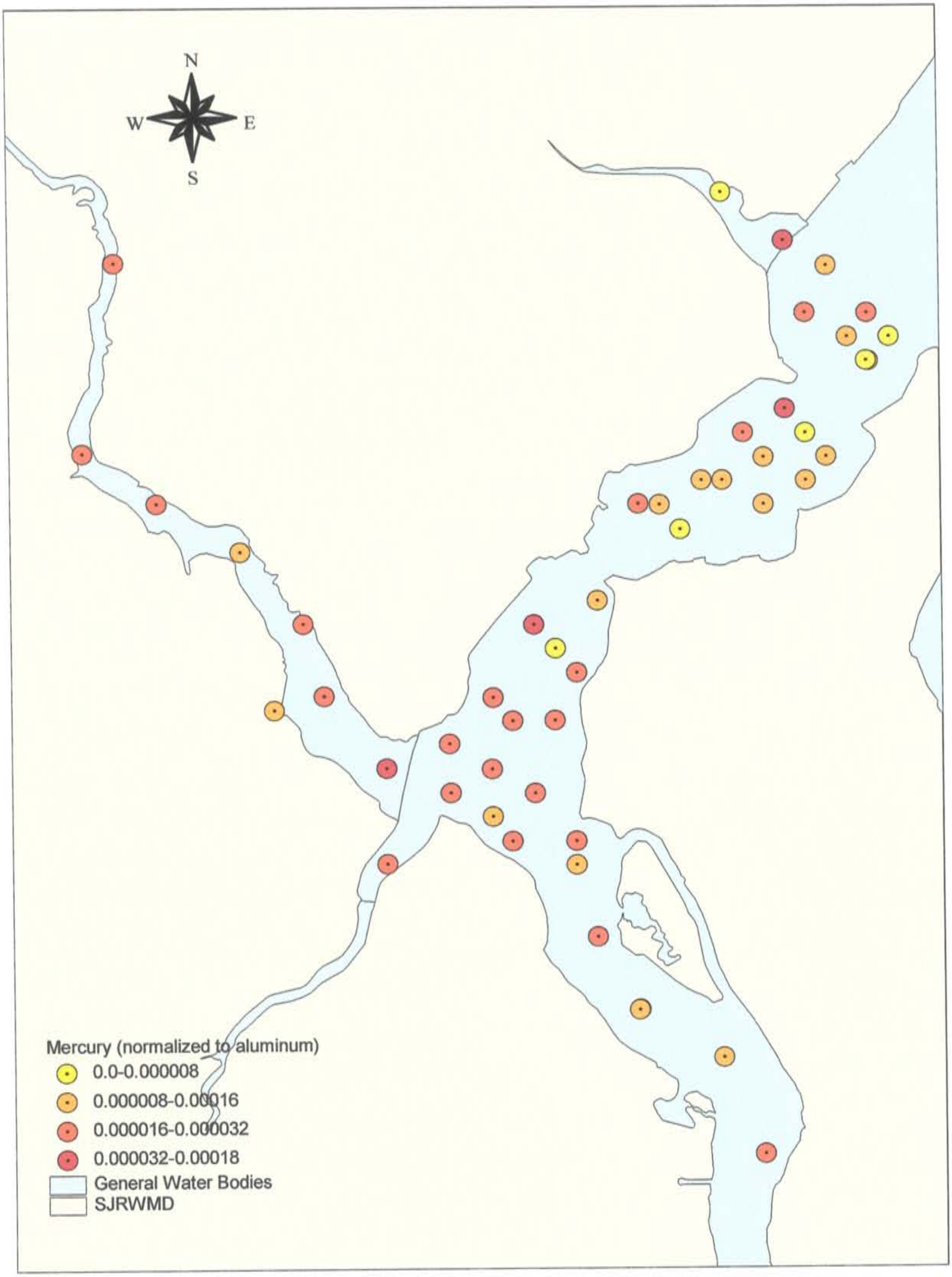

N
W
E
S
Cadmium (normalized to aluminum)
0.00001 - 0.00002
0.00002 - 0.00004
0.00004 - 0.00006
0.00006 - 0.00010
General Water Bodies
SJRWMD

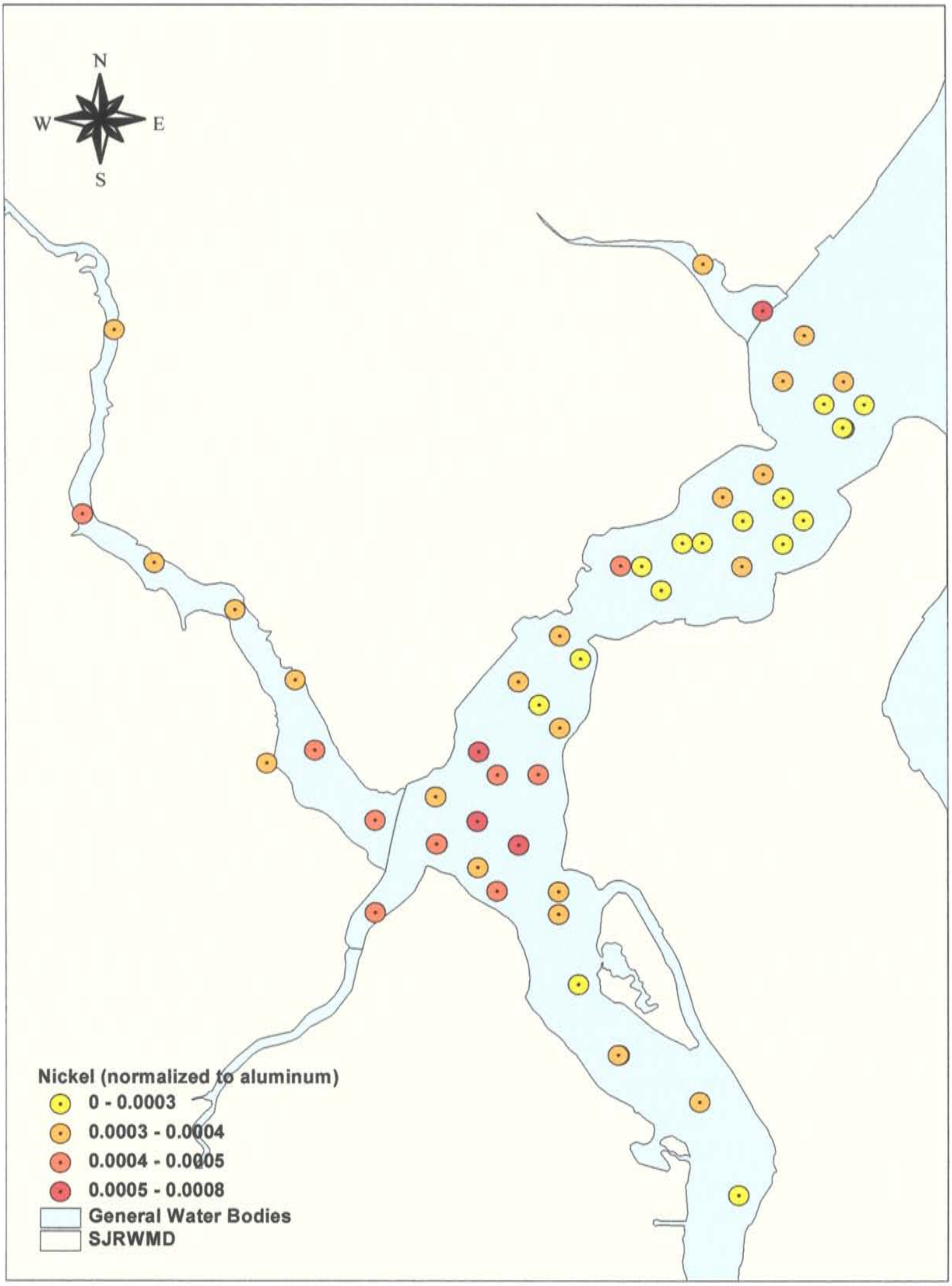

N
W
E
S
Chromium (normalized to aluminum)
0 - 0.0012
0.0012 - 0.0016
0.0016 - 0.0024
0.0024 - 0.0048
General Water Bodies
SJRWMD

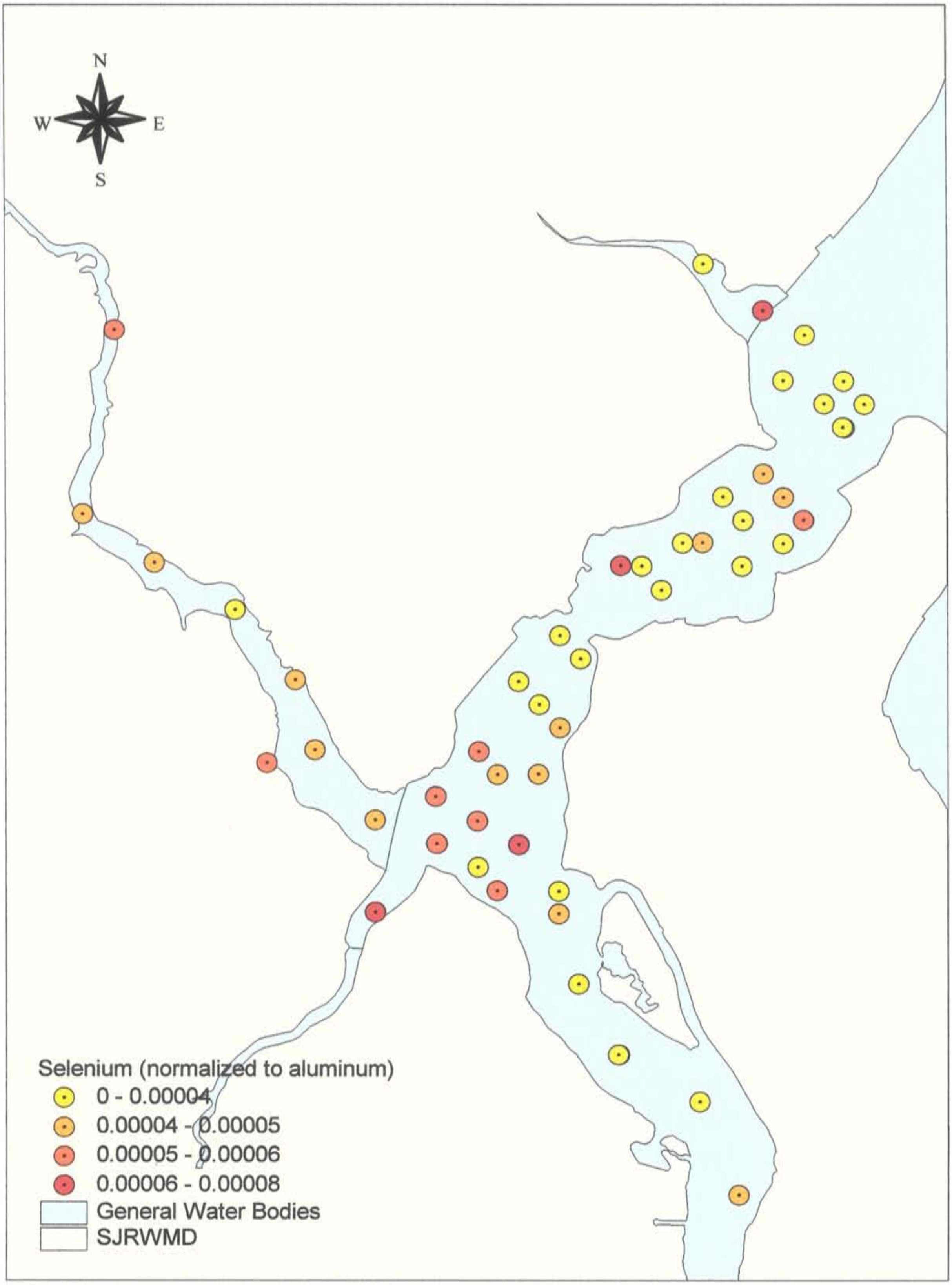

N
W
E
S
Cobalt (normalized to aluminum)
0 - 0.00012
0.00012 - 0.00014
0.00014 - 0.00016
0.00016 - 0.00020
General Water Bodies
SJRWMD

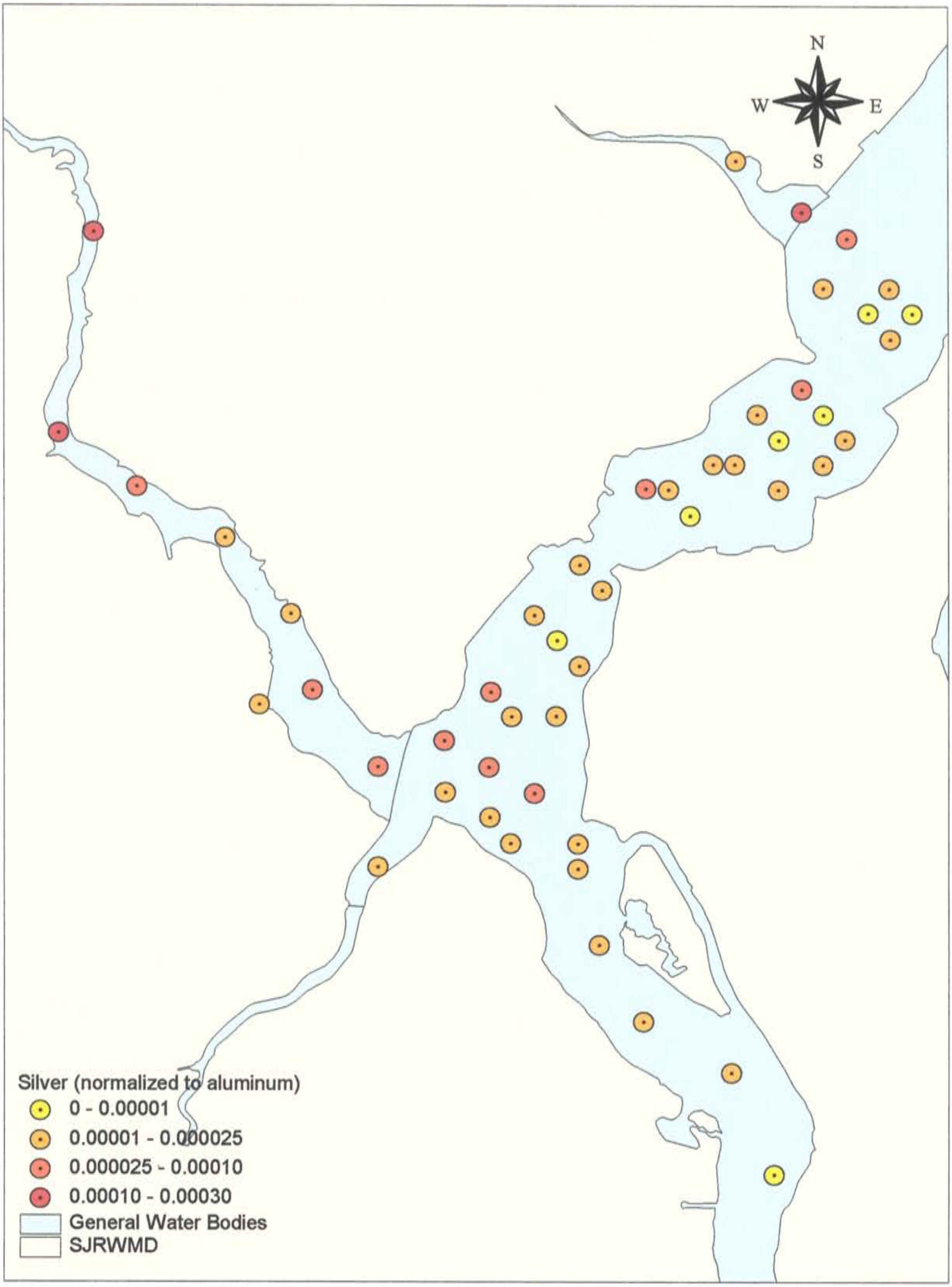

N
W
E
S
Copper (normalized to aluminum)
0 - 0.0008
0.0008 - 0.0016
0.0016 - 0.0032
0.0032 - 0.008
General Water Bodies
SJRWMD

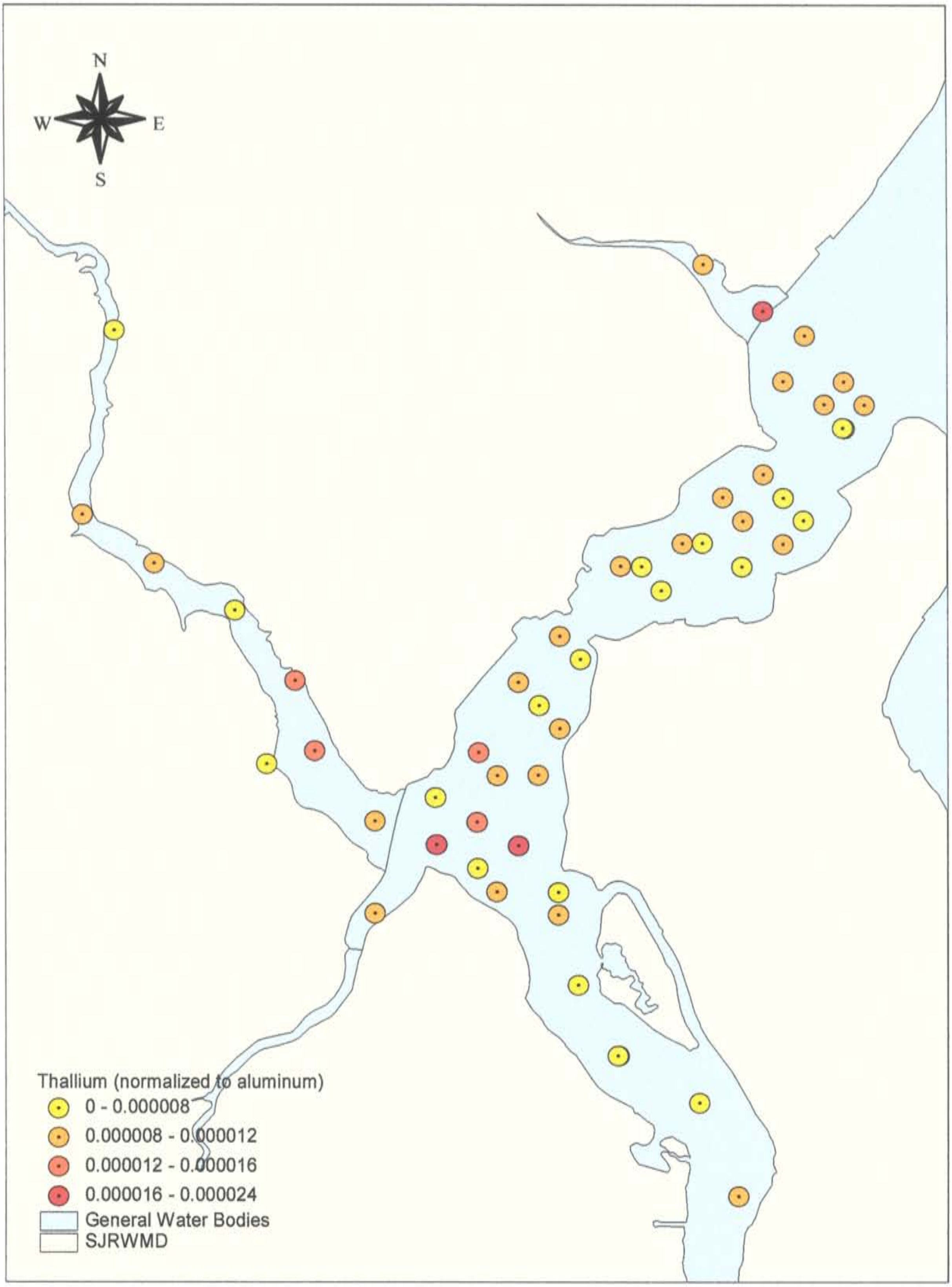

N
W
E
S
Lead (normalized to aluminum)
0 - 0.0010
0.0008-0.0024
0.0024-0.0048
0.0048-0.014
General Water Bodies
SJRWMD


N
W
E
S
Mercury (normalized to aluminum)
0.0-0.000008
0.000008-0.00016
0.000016-0.000032
0.000032-0.00018
General Water Bodies
SJRWMD


N
W
E
S
Nickel (normalized to aluminum)
0 - 0.0003
0.0003 - 0.0004
0.0004 - 0.0005
0.0005 - 0.0008
General Water Bodies
SJRWMD


N
W
E
S
Selenium (normalized to aluminum)
0 - 0.00004
0.00004 - 0.00005
0.00005 - 0.00006
0.00006 - 0.00008
General Water Bodies
SJRWMD


N
W
E
S
Silver (normalized to aluminum)
0 - 0.00001
0.00001 - 0.000025
0.000025 - 0.00010
0.00010 - 0.00030
General Water Bodies
SJRWMD


N
W
E
S
Thallium (normalized to aluminum)
0 - 0.000008
0.000008 - 0.000012
0.000012 - 0.000016
0.000016 - 0.000024
General Water Bodies
SJRWMD