

Metals and Tin Results

Application no: MLP/DC9809

Licensee: Hariwch Haven Authority

Application Title: Harwich Channel Deepening

Date Sampled: 01/09/2013



mg/kg (ppm)

Dry weight

LSN	Sample No.	Location	Dredge Area no.	Excluded	TS%	AS	CD	CR	CU	HG	NI	PB	ZN	DBT	TBT
2013/03234	13	Trial pit 5, 2m	Area i		80.8	2.47	0	19.92	30.84	0.04	4.59	19.19	7.2	<LOD	<LOD
2013/03235	15	Trial pit 22, 2m	Area i		80.3	9.4	0.1	51.75	22.85	0.03	49.16	29.52	92.12	<LOD	<LOD
2013/03236	17	Trial pit 15, 0m	Area i		72.3	6.08	0.09	31.82	16.89	0	31.91	16.18	67.75	<LOD	<LOD
2013/03237	22	Trial pit 93, 1m	Area i		63.3	805.44	0.57	36.88	24.36	0	70.64	10.06	90.18	<LOD	<LOD
2013/03238	24	Trial pit 5, 0m	Area i		68.4	10.97	0.05	46.91	24.31	0.02	42.77	22.84	76.41	<LOD	<LOD
2013/03239	28	Trial pit 3, 1m	Area i		57.5	21.22	0.14	53.15	23.69	0.13	30.32	44.33	103.36	<LOD	<LOD
2013/03240	40	Trial pit 94, 0m	Area i		81.6	40.4	0.05	13.71	8.45	0	9.75	11.23	41.77	<LOD	<LOD
2013/03241	41	Trial pit 16, 0m	Area i		58.3	23	0.13	51.31	23.67	0.13	31.58	46.55	96.28	<LOD	0.011
2013/03242	46	Trial pit 7, 2m	Area i		89.9	2.24	0.17	5.93	3.86	0	3.63	3.43	8.94	<LOD	<LOD
2013/03243	47	Trial pit 6, 2m	Area i		72.3	5.73	0	28.95	8.21	0	16.1	12.21	29.64	<LOD	<LOD
2013/03244	48	Trial pit 3, 2m	Area i		78.1	1.63	0	14.53	7.62	0	23.23	3.96	22.16	<LOD	<LOD
2013/03245	52	Trial pit 5, 1m	Area i		79.9	1.66	0	21.39	18.35	0.02	8.96	16.19	11.56	<LOD	<LOD
2013/03246	53	Trial pit 22, 0m	Area i		73.1	17.42	0.35	44.41	16.15	0.02	33.27	43.04	126.63	<LOD	0.009
2013/03247	55	Trial pit, 14 0m	Area i		77.5	4.45	0.05	27.96	15.15	0	28.21	11.25	57.02	<LOD	<LOD
2013/03248	56	Trial pit 4, 1m	Area i		83.3	1.66	0	19.91	13.33	0	2.98	8.26	5.5	<LOD	<LOD
2013/03249	60	Trial pit 18, 0m	Area i		51.5	20.33	0.11	37.21	18.89	0.08	23.89	35.79	88.77	<LOD	<LOD
2013/03250	62	Trial pit 22, 1m	Area i		80	6.59	0.08	36.95	17.38	0	42.95	35.12	75.88	<LOD	<LOD
2013/03251	65	Trial pit 17, 0m	Area i		79.9	4.9	0.04	34.27	19.79	0	41.39	16.34	75.53	<LOD	<LOD
2013/03252	67	Trial pit 112, 0m	Area i		64.4	19.3	0.21	68.56	398.48	0.08	210.24	10.6	88.9	<LOD	<LOD
2013/03253	72	Trial pit 4, 2m	Area i		80	3.99	0	15.28	4.96	0	11.23	14.33	12.02	<LOD	<LOD
2013/03254	73	Trial pit 47, 0m	Area i		82.9	7.33	0.97	14.94	14.97	0.02	21.07	17.59	54.44	<LOD	<LOD
2013/03255	75	Trial pit 101A, 0.5m	Area i		66.8	6.71	0.44	35.56	102.97	0	23.05	8.58	122.69	<LOD	<LOD
2013/03256	76	Trial pit 93, 2m	Area i		79.6	8.38	0.25	27.27	19.4	0	23.1	10.23	60.17	<LOD	<LOD
2013/03257	77	Trial pit 10, 2m	Area i		79.7	2.7	0	28.37	25.18	0	46.58	19.92	73.32	<LOD	<LOD
2013/03258	78	Trial pit 3, 1m	Area i		82.8	5.28	0	16.91	6.43	0	8.99	12.57	9.98	<LOD	<LOD
		Mean			74.57	41.57	0.15	31.35	35.45	0.02	33.58	19.17	59.93	#DIV/0!	0.010

AL1 (ppm dry)	20	0.4	40	40	0.3	20	50	130	0.1	0.1
AL2 (ppm dry)	100	5.0	400	400	3.00	200	500	800	1	1

Limits of Detection					0.15	0.05	0.15	0.06	0.03	0.15	0.08	0.15	0.001	0.001
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Produced by: jl JL (tins)
Date: 10/10/2013

10/10/2013

