

⁽¹⁾ LYME REGIS MARINE SEDIMENT ANALYSIS: METALS								
SUBSTANCE		SAMPLE					⁽²⁾ BENCHMARK LIMITS	
		Z1LR	Z2LR	Z3LR	Z4LR	Z5LR	⁽³⁾ LEVEL 1	⁽⁴⁾ LEVEL 2
Arsenic	mg/Kg (Dry Weight)	8.10	5.10	5.90	6.00	6.00	20	100
Cadmium	mg/Kg (Dry Weight)	<0.04	<0.04	<0.04	<0.04	<0.04	0.4	5
Chromium	mg/Kg (Dry Weight)	12.1	8.30	9.50	8.50	7.90	40	400
Copper	mg/Kg (Dry Weight)	10.2	3.90	5.00	4.10	3.90	40	400
Mercury	mg/Kg (Dry Weight)	0.04	0.01	0.01	<0.01	<0.01	0.3	3
Nickel	mg/Kg (Dry Weight)	9.60	3.60	5.10	3.40	3.50	20	200
Lead	mg/Kg (Dry Weight)	8.60	3.90	4.60	3.80	3.90	50	500
Zinc	mg/Kg (Dry Weight)	37.2	31.6	25.3	19.8	19.8	130	800

Colour Key	
	Below Level 1
	Between Level 1 & 2
	Above Level 2

Notes:	
(1)	Analysis was done by a laboratory accredited by the United Kingdom Accreditation Service . No sample deviations which could compromise the integrity of the results were reported.
(2)	CEFAS Guideline Action Levels for the Disposal of Dredged Material . The action levels are not 'pass/fail' criteria but triggers for further assessment. Dredged material with contaminant levels between action levels 1 and 2 requires further consideration and testing
(3)	Contaminant levels in dredged material below action level 1 are of no concern
(4)	Dredged material with contaminant levels above action level 2 is generally considered unsuitable for sea disposal.