ANALYTICAL TEST REPORT

Contract no:	84795
Contract name:	Rear of Holbeach House, Holbeach
Client reference:	1266/5075/G
Clients name:	Humberside Materials Laboratory
Clients address:	Atherton Way Brigg North Lincolnshire DN20 8AR
Samples received:	28 February 2020
Analysis started:	28 February 2020
Analysis completed:	06 March 2020
Report issued:	06 March 2020

Notes:

Opinions and interpretations expressed herein are outside the UKAS accreditation scope.
Unless otherwise stated, Chemtech Environmental Ltd was not responsible for sampling.
All testing carried out at Unit 6 Parkhead, Stanley, DH9 7YB, except for subcontracted testing.
Methods, procedures and performance data are available on request.
Results reported herein relate only to the material supplied to the laboratory.
This report shall not be reproduced except in full, without prior written approval.
Samples will be disposed of 6 weeks from initial receipt unless otherwise instructed.

Key:

U UKAS accredited test
M MCERTS & UKAS accredited test
$ Test carried out by an approved subcontractor
I/S Insufficient sample to carry out test
N/S Sample not suitable for testing

Approved by:

P. G. Hunter

Phil Hunter
Customer Support Hero

Chemtech Environmental Limited

SOLIDS

Lab number			84795-1
Sample id			A/55441
Location			Capillary granular layer
Depth (m)			-
Date sampled			26/02/2020
Test	**Method**	**Units**	
Arsenic (total)	CE127	mg/kg As	7.9
Cadmium (total)	CE127	mg/kg Cd	<0.2
Chromium (total)	CE127	mg/kg Cr	7.6
Chromium (III)	CE208	mg/kg CrIII	7.6
Chromium (VI)	CE146	mg/kg CrVI	<1
Copper (total)	CE127	mg/kg Cu	2.7
Lead (total)	CE127	mg/kg Pb	4.1
Mercury (total)	CE127	mg/kg Hg	<0.5
Nickel (total)	CE127	mg/kg Ni	6.9
Selenium (total)	CE127	mg/kg Se	<0.3
Zinc (total)	CE127	mg/kg Zn	17

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METHOD DETAILS

METHOD	SOLIDS	METHOD SUMMARY	SAMPLE	STATUS	LOD	UNITS
CE127	Arsenic (total)	Aqua regia digest, ICP-MS	Dry		1	mg/kg As
CE127	Cadmium (total)	Aqua regia digest, ICP-MS	Dry		0.2	mg/kg Cd
CE127	Chromium (total)	Aqua regia digest, ICP-MS	Dry		1	mg/kg Cr
CE208	Chromium (III)	Calculation: Cr (total) - Cr (VI)	Dry		1	mg/kg CrIII
CE146	Chromium (VI)	Acid extraction, Colorimetry	Dry		1	mg/kg CrVI
CE127	Copper (total)	Aqua regia digest, ICP-MS	Dry		1	mg/kg Cu
CE127	Lead (total)	Aqua regia digest, ICP-MS	Dry		1	mg/kg Pb
CE127	Mercury (total)	Aqua regia digest, ICP-MS	Dry		0.5	mg/kg Hg
CE127	Nickel (total)	Aqua regia digest, ICP-MS	Dry		1	mg/kg Ni
CE127	Selenium (total)	Aqua regia digest, ICP-MS	Dry		0.3	mg/kg Se
CE127	Zinc (total)	Aqua regia digest, ICP-MS	Dry		5	mg/kg Zn