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TP12 Pit



TP12 Arisings

Prepared	ACR	Checked	KE	Date	24/03/2022	Trial Pit No.	12
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TP13 Pit



TP13 Arisings

Prepared	ACR	Checked	KE	Date	24/03/2022	Trial Pit No.	13
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TP14 Pit



TP14 Arisings

Prepared	ACR	Checked	KE	Date	16/03/2022	Trial Pit No.	14
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TP15 Pit



TP15 Arisings

Prepared	ACR	Checked	KE	Date	16/03/2022	Trial Pit No.	15
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TP16 Pit



TP16 Arisings

Prepared	ACR	Checked	KE	Date	16/03/2022	Trial Pit No.	16
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TP17 Pit



TP17 Arisings

Prepared	ACR	Checked	KE	Date	24/03/2022	Trial Pit No.	17
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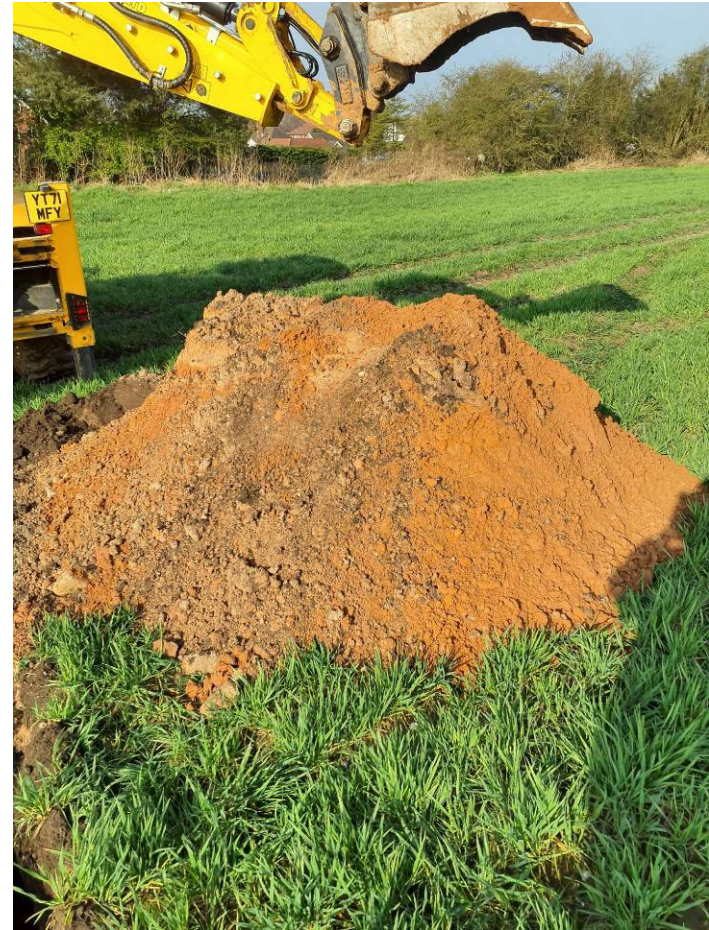
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TP18 Pit



TP18 Arisings

Prepared	ACR	Checked	KE	Date	28/03/2022	Trial Pit No.	18
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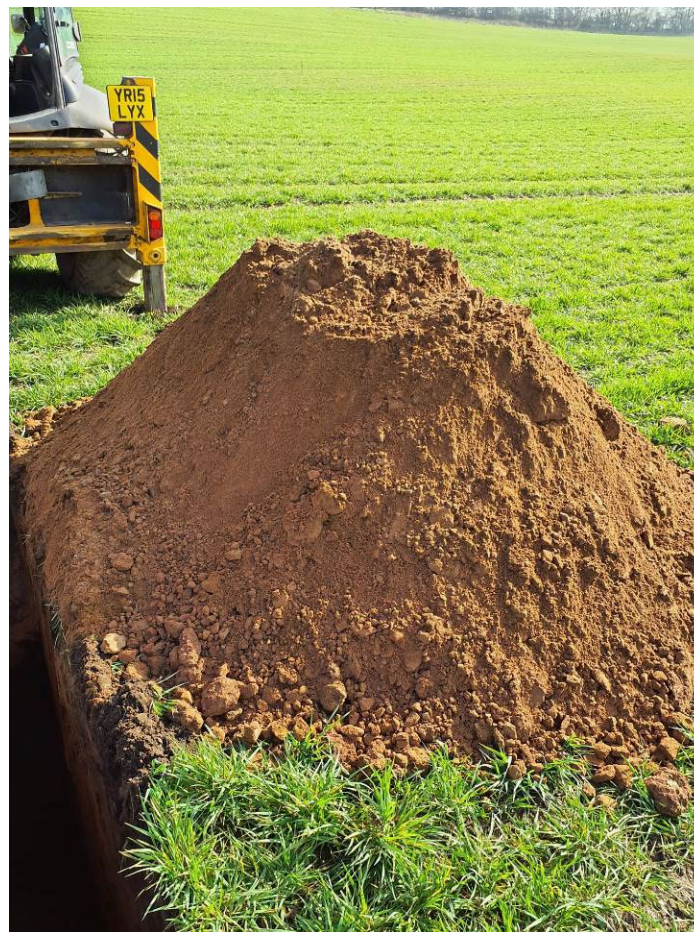
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TP19 Pit



TP19 Arisings

Prepared	ACR	Checked	KE	Date	24/03/2022	Trial Pit No.	19
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TP20a Pit



TP20a Arisings

Prepared	ACR	Checked	KE	Date	24/03/2022	Trial Pit No.	20a
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TP20b Pit



TP20b Arisings

Prepared	ACR	Checked	KE	Date	24/03/2022	Trial Pit No.	20b
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TP20c Pit



TP20c Arisings

Prepared	ACR	Checked	KE	Date	24/03/2022	Trial Pit No.	20c
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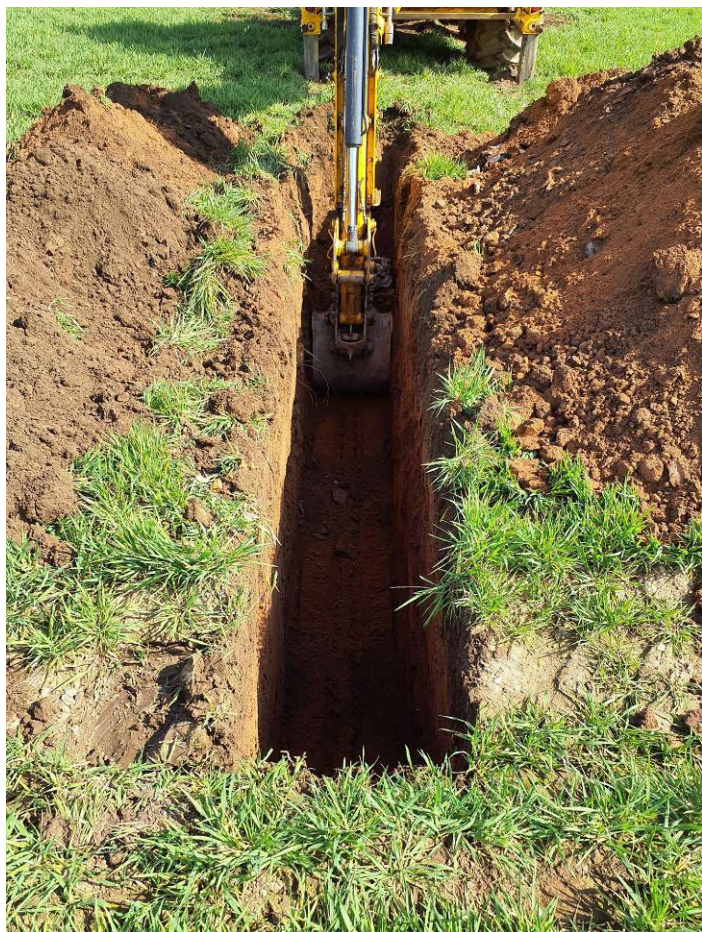


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TP20d Pit



TP20d Arisings

Prepared	ACR	Checked	KE	Date	24/03/2022	Trial Pit No.	20d
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TP21 Pit



TP21 Arisings

Prepared	ACR	Checked	KE	Date	16/03/2022	Trial Pit No.	21
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TP22 Pit



TP22 Arisings

Prepared	ACR	Checked	KE	Date	28/03/2022	Trial Pit No.	22
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TP23 Pit



TP23 Arisings

Prepared	ACR	Checked	KE	Date	17/03/2022	Trial Pit No.	23
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TP24 Pit



TP24 Arisings

Prepared	ACR	Checked	KE	Date	28/03/2022	Trial Pit No.	24
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TP25 Pit



TP25 Arisings

Prepared	ACR	Checked	KE	Date	17/03/2022	Trial Pit No.	25
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TP26 Pit



TP26 Arisings

Prepared	ACR	Checked	KE	Date	28/03/2022	Trial Pit No.	26
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TP27 Pit



TP27 Arisings

Prepared	ACR	Checked	KE	Date	28/03/2022	Trial Pit No.	27
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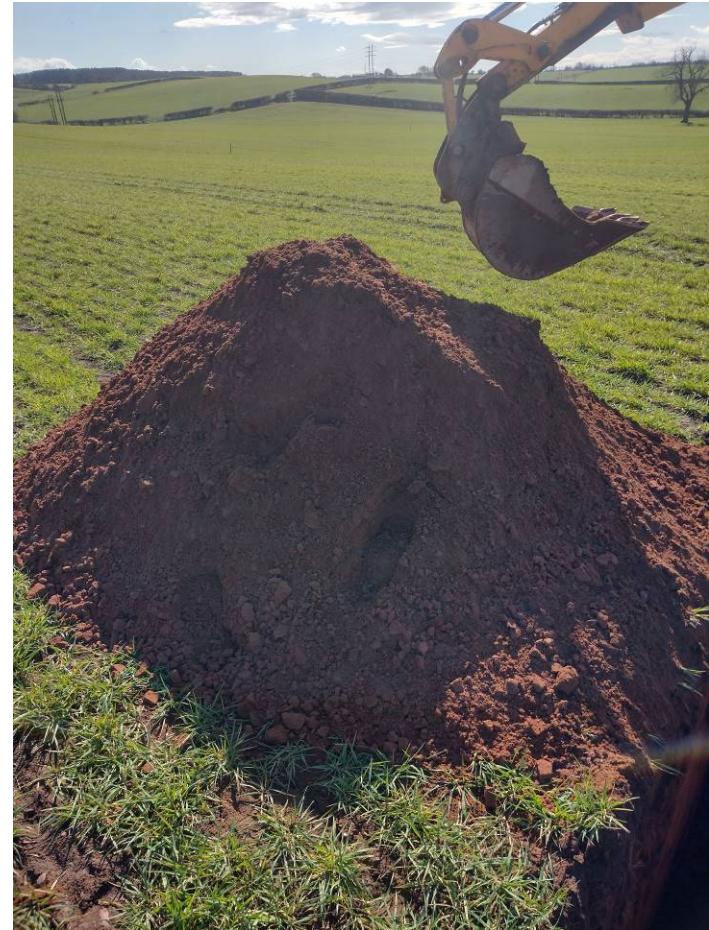
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TP28 Pit



TP28 Arisings

Prepared	ACR	Checked	KE	Date	17/03/2022	Trial Pit No.	28
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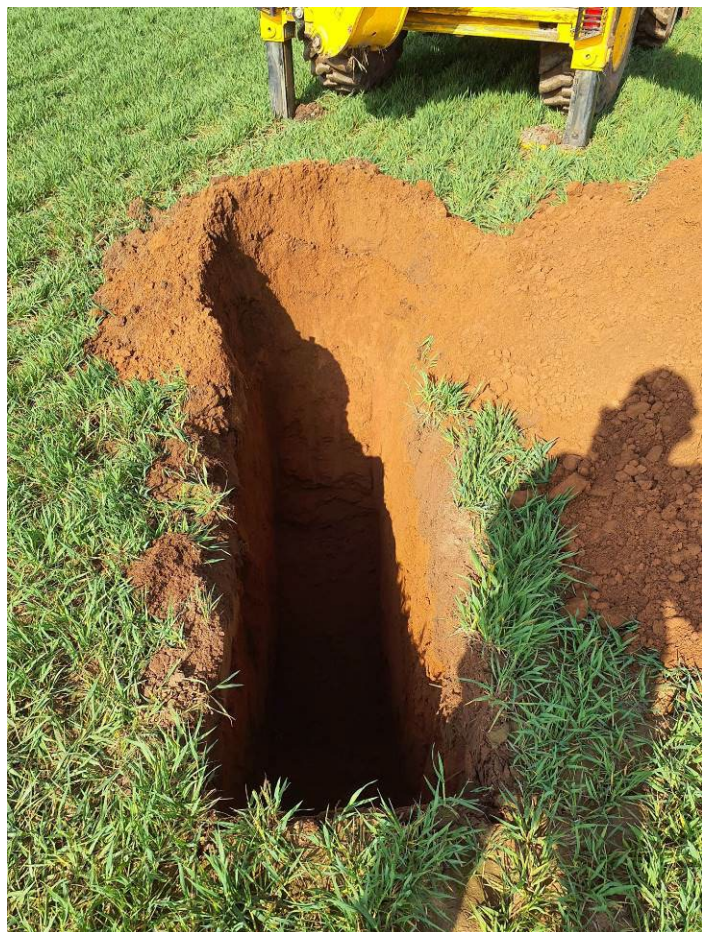


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TP29 Pit



TP29 Arisings

Prepared	ACR	Checked	KE	Date	28/03/2022	Trial Pit No.	29
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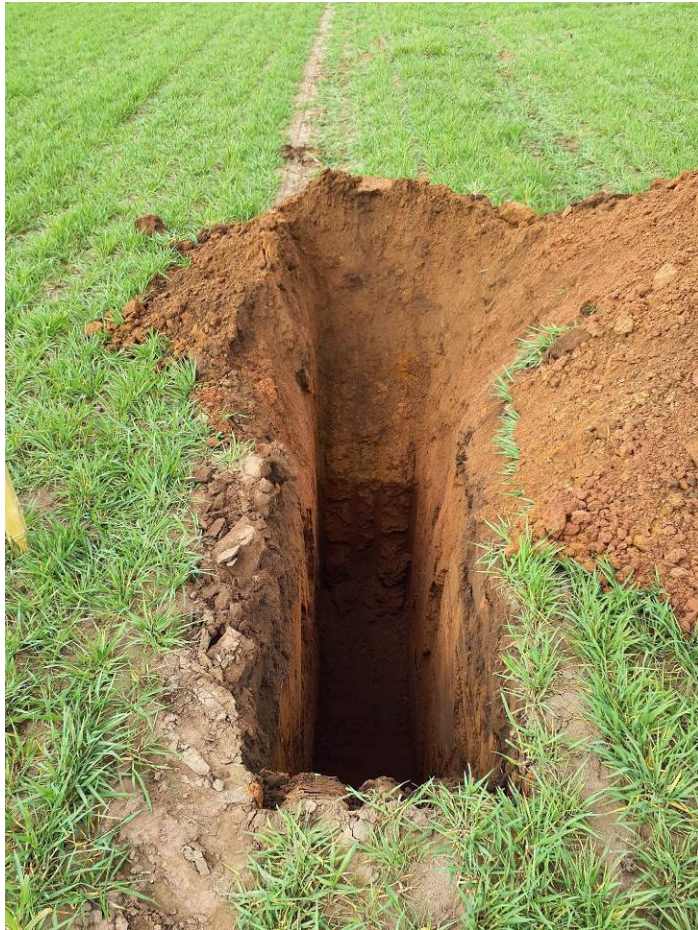


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TP30 Pit



TP30 Arisings

Prepared	ACR	Checked	KE	Date	28/03/2022	Trial Pit No.	30
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TP31 Pit



TP31 Arisings

Prepared	ACR	Checked	KE	Date	17/03/2022	Trial Pit No.	31
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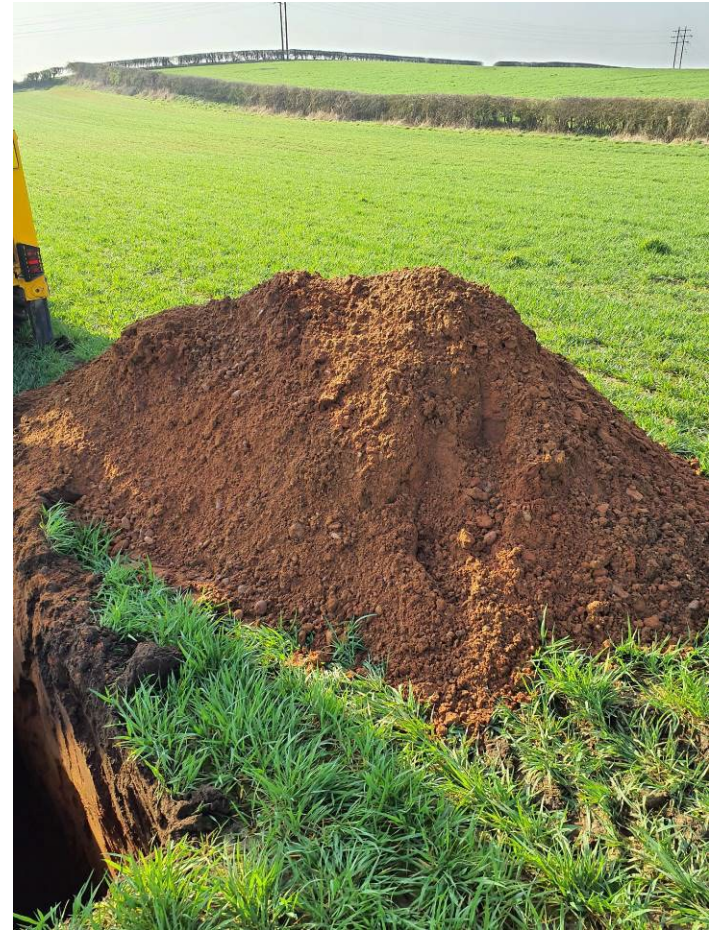
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TP32 Pit



TP32 Arisings

Prepared	ACR	Checked	KE	Date	28/03/2022	Trial Pit No.	32
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TP33 Pit



TP33 Arisings

Prepared	ACR	Checked	KE	Date	17/03/2022	Trial Pit No.	33
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TP34 Pit



TP34 Arisings

Prepared	ACR	Checked	KE	Date	17/03/2022	Trial Pit No.	34
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TP35 Pit



TP35 Arisings

Prepared	ACR	Checked	KE	Date	17/03/2022	Trial Pit No.	35
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TP36 Pit



TP36 Arisings

Prepared	ACR	Checked	KE	Date	17/03/2022	Trial Pit No.	36
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TP37 Pit



TP37 Arisings

Prepared	ACR	Checked	KE	Date	17/03/2022	Trial Pit No.	37
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TP38 Pit



TP38 Arisings

Prepared	ACR	Checked	KE	Date	17/03/2022	Trial Pit No.	38
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TP39 Pit



TP39 Arisings

Prepared	ACR	Checked	KE	Date	28/03/2022	Trial Pit No.	39
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TP40 Pit



TP40 Arisings

Prepared	ACR	Checked	KE	Date	28/03/2022	Trial Pit No.	40
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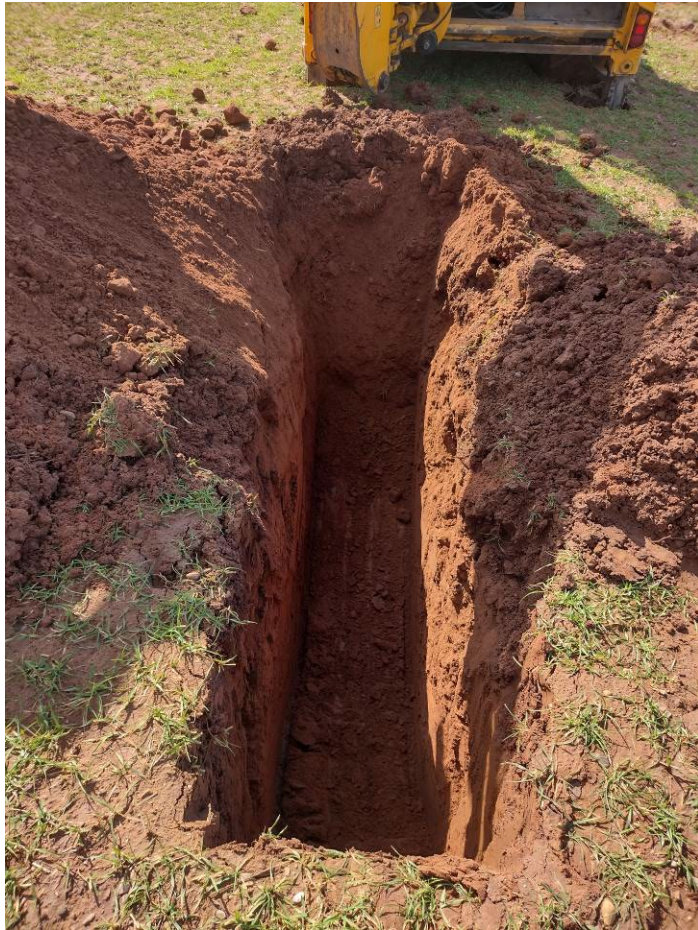


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TP41 Pit



TP41 Arisings

Prepared	ACR	Checked	KE	Date	17/03/2022	Trial Pit No.	41
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TP42 Pit



TP42 Arisings

Prepared	ACR	Checked	KE	Date	28/03/2022	Trial Pit No.	42
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E•P
Eastwood & Partners
 CONSULTING ENGINEERS

St Andrew's House
 23 Kingfield Road
 Sheffield S11 9AS
 Tel: (0114) 2554554

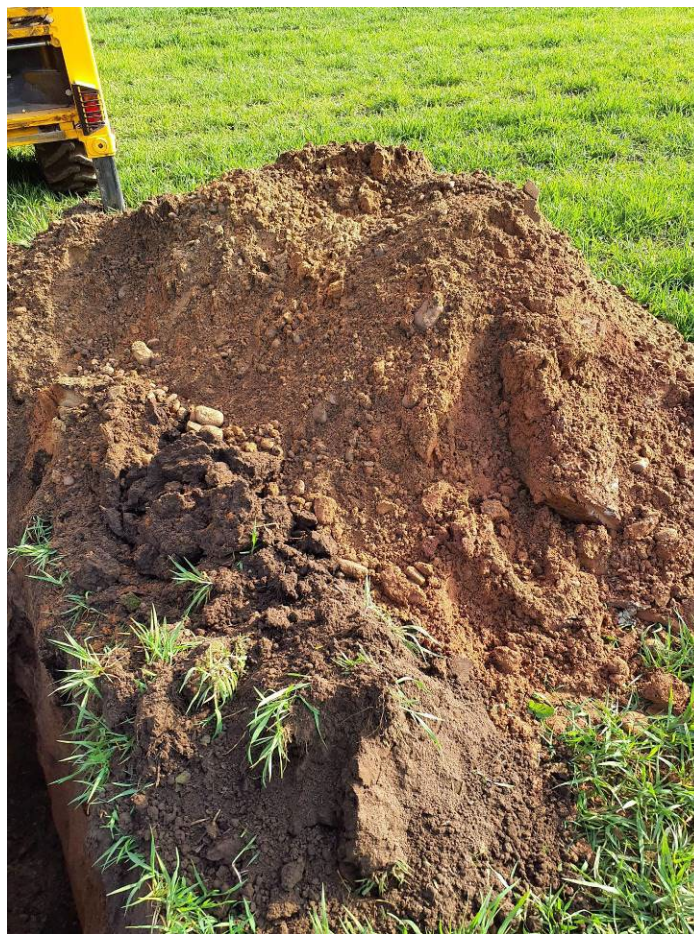
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TT01 Pit



TT01 Arisings

Prepared	ACR	Checked	KE	Date	28/03/2022	Trial Trench No.	1
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TT01 Culvert Level



TT01 Culvert Diameter

Prepared	ACR	Checked	KE	Date	28/03/2022	Trial Trench No.	1
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TT02 Pit



TT02 Highwall Location

Prepared	ACR	Checked	KE	Date	28/03/2022	Trial Trench No.	2
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Appendix 3

Chemical Test Results, Eurofins Chemtest Reports 22-11356-1, 22-12706-1 & 22-14071-1

Table of Assessment Values – Residential with Homegrown Produce

Modified Mean Calculations



Final Report

Report No.: 22-11356-1
Initial Date of Issue: 31-Mar-2022
Client Eastwood & Partners

Client Address: St. Andrews House
23 Kingfield Road
Sheffield
South Yorkshire
S11 9AS

Contact(s): Alex Richmond
Geo

Project 46924 Newark Road

Quotation No.: **Date Received:** 25-Mar-2022

Order No.: 46924 **Date Instructed:** 25-Mar-2022

No. of Samples: 26

Turnaround (Wkdays): 5 **Results Due:** 31-Mar-2022

Date Approved: 31-Mar-2022

Approved By:

Details: Stuart Henderson, Technical
Manager

Bulk Identification Certificate

Client: Eastwood & Partners
Site Address:
Date Sampled: 16-Mar-2022
Date Received: 25-Mar-2022

Your Ref.:
Project: 46924 Newark Road
Job Number: 22-11356
No Samples:
Date Reported: 31-Mar-2022

Sample No.	Sample ID	Sample Ref.	Description	Top (m)	Bottom (m)	SOP	Accred.	Laboratory	Material	Result
1398748	TP04	MG		1.30	1.30	2185	U	DURHAM	Bitumen Felt	No Asbestos Detected

The in-house procedure SOP2185 is in accordance with the requirements of Appendix 2 of the Analyst Guide (HSG 248).

The results relate only to items tested as supplied by the client.

Comments and interpretations are beyond the scope of UKAS accreditation.

Samples associated with asbestos in building surveys are retained for six months (HSG 264 refers)

Results - Soil

Project: 46924 Newark Road

Client: Eastwood & Partners	Chemtest Job No.:				22-11356	22-11356	22-11356	22-11356	22-11356	22-11356	22-11356	22-11356	22-11356
Quotation No.:	Chemtest Sample ID.:				1398728	1398729	1398730	1398731	1398732	1398733	1398734	1398735	1398736
Order No.: 46924	Client Sample Ref.:				TS	TS	TS	TS	TS	TS	TS	TS	TS
	Client Sample ID.:				TP01	TP04	TP05	TP09	TP14	TP16	TP21	TP23	TP25
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.20	0.10	0.10	0.20	0.20	0.20	0.20	0.20	0.20
	Bottom Depth (m):				0.20	0.10	0.10	.020	0.20	0.20	0.20	0.20	0.20
	Date Sampled:				16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	17-Mar-2022	17-Mar-2022
	Asbestos Lab:				DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD									
ACM Type	U	2192		N/A	-	-	-	-	-	-	-	-	-
Asbestos Identification	U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture	N	2030	%	0.020	13	19	15	16	16	13	13	17	12
Soil Colour	N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material	N	2040		N/A	Stones	Roots and Stones	Stones	None	None	None	Stones and Roots	Stones and Roots	None
Soil Texture	N	2040		N/A	Loam	Clay	Clay	Loam	Loam	Clay	Loam	Clay	Loam
pH	M	2010		4.0	8.1	8.1	7.9	8.1	8.0	9.0	8.5	7.9	8.6
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010									
Total Sulphur	M	2175	%	0.010									
Sulphate (Acid Soluble)	U	2430	%	0.010									
Arsenic	M	2450	mg/kg	1.0	4.5	18	4.5	6.3	4.2	2.5	6.9	4.3	2.9
Cadmium	M	2450	mg/kg	0.10	0.15	0.29	0.42	< 0.10	0.44	0.21	0.61	0.15	< 0.10
Chromium	M	2450	mg/kg	1.0	26	17	23	12	22	12	18	9.0	6.6
Copper	M	2450	mg/kg	0.50	52	18	23	11	34	14	21	8.7	5.2
Mercury	M	2450	mg/kg	0.10	< 0.10	< 0.10	0.11	< 0.10	0.13	< 0.10	0.11	< 0.10	< 0.10
Nickel	M	2450	mg/kg	0.50	24	23	16	14	16	8.8	11	7.1	5.0
Lead	M	2450	mg/kg	0.50	33	44	28	25	27	12	45	23	14
Selenium	M	2450	mg/kg	0.20	< 0.20	0.35	< 0.20	0.24	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Zinc	M	2450	mg/kg	0.50	52	61	82	40	84	40	120	33	24
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20									
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0									
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0									
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0									
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0									
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0									
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0									
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0									
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0									
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0									
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0									
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0									
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0									
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0									
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0									

Results - Soil

Project: 46924 Newark Road

Client: Eastwood & Partners	Chemtest Job No.:				22-11356	22-11356	22-11356	22-11356	22-11356	22-11356	22-11356	22-11356	22-11356
Quotation No.:	Chemtest Sample ID.:				1398728	1398729	1398730	1398731	1398732	1398733	1398734	1398735	1398736
Order No.: 46924	Client Sample Ref.:				TS	TS	TS	TS	TS	TS	TS	TS	TS
	Client Sample ID.:				TP01	TP04	TP05	TP09	TP14	TP16	TP21	TP23	TP25
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.20	0.10	0.10	0.20	0.20	0.20	0.20	0.20	0.20
	Bottom Depth (m):				0.20	0.10	0.10	.020	0.20	0.20	0.20	0.20	0.20
	Date Sampled:				16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	17-Mar-2022	17-Mar-2022
	Asbestos Lab:				DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD									
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0									
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0									
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0									
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0									
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0									
Naphthalene	M	2800	mg/kg	0.10	2.3	< 0.10	1.8	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene	N	2800	mg/kg	0.10	0.13	< 0.10	0.11	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	M	2800	mg/kg	0.10	0.35	< 0.10	0.31	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	M	2800	mg/kg	0.10	0.23	< 0.10	0.22	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	M	2800	mg/kg	0.10	1.4	< 0.10	0.52	< 0.10	0.33	0.27	5.3	< 0.10	< 0.10
Anthracene	M	2800	mg/kg	0.10	0.43	< 0.10	0.18	< 0.10	0.15	< 0.10	1.4	< 0.10	< 0.10
Fluoranthene	M	2800	mg/kg	0.10	3.5	0.43	0.70	0.26	0.54	0.42	7.6	0.14	0.28
Pyrene	M	2800	mg/kg	0.10	3.1	0.37	0.74	0.28	0.54	0.34	6.5	0.16	0.29
Benzo[a]anthracene	M	2800	mg/kg	0.10	2.1	< 0.10	0.31	< 0.10	0.30	0.17	3.1	< 0.10	< 0.10
Chrysene	M	2800	mg/kg	0.10	2.3	< 0.10	0.39	< 0.10	0.25	0.18	3.4	< 0.10	< 0.10
Benzo[b]fluoranthene	M	2800	mg/kg	0.10	2.0	< 0.10	0.55	< 0.10	< 0.10	< 0.10	3.0	< 0.10	< 0.10
Benzo[k]fluoranthene	M	2800	mg/kg	0.10	1.2	< 0.10	0.19	< 0.10	< 0.10	< 0.10	1.7	< 0.10	< 0.10
Benzo[a]pyrene	M	2800	mg/kg	0.10	2.5	< 0.10	0.28	< 0.10	< 0.10	< 0.10	3.2	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10	1.6	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	2.0	< 0.10	< 0.10
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10	0.35	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.49	< 0.10	< 0.10
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10	1.6	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	1.9	< 0.10	< 0.10
Total Of 16 PAH's	N	2800	mg/kg	2.0	25	< 2.0	6.3	< 2.0	2.1	< 2.0	40	< 2.0	< 2.0
Total Phenols	M	2920	mg/kg	0.10									

Results - Soil

Project: 46924 Newark Road

Client: Eastwood & Partners	Chemtest Job No.:				22-11356	22-11356	22-11356	22-11356	22-11356	22-11356	22-11356	22-11356	22-11356
Quotation No.:	Chemtest Sample ID.:				1398737	1398738	1398739	1398740	1398741	1398742	1398743	1398744	1398745
Order No.: 46924	Client Sample Ref.:				TS	TS	TS	TS	TS	NAT	NAT	NAT	NAT
	Client Sample ID.:				TP31	TP35	TP38	TP38	TP41	TP02	TP03	TP21	TP31
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.10	0.10	0.20	0.10	0.10	0.60	2.80	2.10	1.50
	Bottom Depth (m):				0.10	0.10	0.20	0.10	0.10	0.60	2.80	2.10	1.50
	Date Sampled:				17-Mar-2022	17-Mar-2022	17-Mar-2022	17-Mar-2022	17-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	17-Mar-2022
	Asbestos Lab:				DURHAM	DURHAM	DURHAM	DURHAM	DURHAM				
Determinand	Accred.	SOP	Units	LOD									
ACM Type	U	2192		N/A	-	-	-	-	-				
Asbestos Identification	U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected				
Moisture	N	2030	%	0.020	15	9.9	15	9.9	15	11	9.5	5.4	11
Soil Colour	N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material	N	2040		N/A	Roots and Stones	Stones	None	None	None	None	None	Stones	Stones
Soil Texture	N	2040		N/A	Loam	Loam	Clay	Sand	Clay	Sand	Sand	Sand	Sand
pH	M	2010		4.0	7.9	8.3	7.7	6.6	7.5	6.7	8.2	8.8	8.5
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010						0.015	0.017	< 0.010	< 0.010
Total Sulphur	M	2175	%	0.010						< 0.010	< 0.010	< 0.010	< 0.010
Sulphate (Acid Soluble)	U	2430	%	0.010						< 0.010	< 0.010	< 0.010	< 0.010
Arsenic	M	2450	mg/kg	1.0	3.4	5.2	3.1	< 1.0	2.2	1.2	< 1.0	1.3	1.2
Cadmium	M	2450	mg/kg	0.10	0.14	0.15	0.13	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chromium	M	2450	mg/kg	1.0	7.6	8.6	6.2	5.9	9.6	5.6	5.3	3.2	5.5
Copper	M	2450	mg/kg	0.50	8.2	6.9	5.1	1.7	4.4	1.5	1.8	2.3	12
Mercury	M	2450	mg/kg	0.10	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Nickel	M	2450	mg/kg	0.50	6.5	8.4	5.2	9.1	11	7.2	6.6	6.7	9.4
Lead	M	2450	mg/kg	0.50	24	17	16	1.1	7.8	1.6	3.0	0.89	2.0
Selenium	M	2450	mg/kg	0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	0.21	< 0.20	< 0.20	< 0.20
Zinc	M	2450	mg/kg	0.50	36	33	24	11	23	10	13	10	10
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20									
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0									
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0									
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0									
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0									
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0									
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0									
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0									
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0									
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0									
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0									
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0									
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0									
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0									
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0									

Results - Soil

Project: 46924 Newark Road

Client: Eastwood & Partners	Chemtest Job No.:		22-11356	22-11356	22-11356	22-11356	22-11356	22-11356	22-11356	22-11356	22-11356	22-11356
Quotation No.:	Chemtest Sample ID.:		1398737	1398738	1398739	1398740	1398741	1398742	1398743	1398744	1398745	1398745
Order No.: 46924	Client Sample Ref.:		TS	TS	TS	TS	TS	NAT	NAT	NAT	NAT	NAT
	Client Sample ID.:		TP31	TP35	TP38	TP38	TP41	TP02	TP03	TP21	TP31	TP31
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		0.10	0.10	0.20	0.10	0.10	0.60	2.80	2.10	1.50	1.50
	Bottom Depth (m):		0.10	0.10	0.20	0.10	0.10	0.60	2.80	2.10	1.50	1.50
	Date Sampled:		17-Mar-2022	17-Mar-2022	17-Mar-2022	17-Mar-2022	17-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	17-Mar-2022	17-Mar-2022
	Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM					
Determinand	Accred.	SOP	Units	LOD								
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0								
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0								
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0								
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0								
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0								
Naphthalene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene	N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	M	2800	mg/kg	0.10	0.33	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Anthracene	M	2800	mg/kg	0.10	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	M	2800	mg/kg	0.10	0.41	0.17	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Pyrene	M	2800	mg/kg	0.10	0.45	0.16	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]anthracene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's	N	2800	mg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Total Phenols	M	2920	mg/kg	0.10								

Results - Soil

Project: 46924 Newark Road

Client: Eastwood & Partners	Chemtest Job No.:				22-11356	22-11356	22-11356	22-11356	22-11356	22-11356	22-11356
Quotation No.:	Chemtest Sample ID.:				1398746	1398747	1398749	1398750	1398751	1398752	1398753
Order No.: 46924	Client Sample Ref.:				NAT	MG	MG	MG	MG	MG	MG
	Client Sample ID.:				TP37	TP03	TP05	TP06	TP09	TP15	TP21
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				1.40	1.70	2.10	0.60	1.40	3.20	0.60
	Bottom Depth (m):				1.40	1.70	2.10	0.60	1.40	3.20	0.60
	Date Sampled:				17-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022
	Asbestos Lab:					DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	Accred.	SOP	Units	LOD							
ACM Type	U	2192		N/A		-	-	-	-	-	-
Asbestos Identification	U	2192		N/A		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture	N	2030	%	0.020	11	13	11	14	17	15	11
Soil Colour	N	2040		N/A	Brown	Brown	Black	Brown	Brown	Brown	Brown
Other Material	N	2040		N/A	Stones	Stones	Stones	Stones	Stones	Stones	Stones and Roots
Soil Texture	N	2040		N/A	Sand	Gravel	Gravel	Gravel	Gravel	Gravel	Loam
pH	M	2010		4.0	8.4	8.4	8.3	8.4	7.9	8.1	8.5
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	< 0.010	0.026	0.21	0.035	0.20	0.73	0.016
Total Sulphur	M	2175	%	0.010	< 0.010	0.055	0.19	0.040	0.056	0.33	0.014
Sulphate (Acid Soluble)	U	2430	%	0.010	< 0.010	0.029	0.11	0.026	0.044	0.27	< 0.010
Arsenic	M	2450	mg/kg	1.0	< 1.0	12	31	13	6.9	8.4	2.3
Cadmium	M	2450	mg/kg	0.10	< 0.10	0.70	12	0.60	0.41	1.3	< 0.10
Chromium	M	2450	mg/kg	1.0	3.7	46	43	21	13	15	13
Copper	M	2450	mg/kg	0.50	1.1	83	270	59	27	19	5.5
Mercury	M	2450	mg/kg	0.10	< 0.10	0.23	0.45	0.23	0.13	0.10	< 0.10
Nickel	M	2450	mg/kg	0.50	6.2	24	85	22	16	13	11
Lead	M	2450	mg/kg	0.50	0.69	140	830	140	60	85	12
Selenium	M	2450	mg/kg	0.20	< 0.20	< 0.20	0.55	< 0.20	0.22	< 0.20	< 0.20
Zinc	M	2450	mg/kg	0.50	6.3	240	1300	210	96	150	34
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20		7.2			1.6	2.5	0.25
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0		< 1.0			< 1.0	< 1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0		< 1.0			< 1.0	< 1.0	< 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0		< 1.0			< 1.0	11	< 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0		< 1.0			< 1.0	41	< 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0		< 1.0			< 1.0	280	< 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0		< 1.0			< 1.0	310	< 1.0
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0		< 1.0			< 1.0	680	< 1.0
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0		< 1.0			< 1.0	< 1.0	< 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0		< 5.0			< 5.0	1300	< 5.0
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0		< 1.0			< 1.0	< 1.0	< 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0		< 1.0			< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0		< 1.0			< 1.0	39	< 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0		< 1.0			< 1.0	5.0	< 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0		< 1.0			< 1.0	220	< 1.0