



ARC ENVIRONMENTAL LTD

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The contractor shall check all dimensions on site prior to commencement of works. No dimensions to be scaled off this drawing
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LEGEND	
	APPROXIMATE SITE BOUNDARY
	PREVIOUS BOREHOLE POSITION
	PREVIOUS TRIAL PIT POSITION
	ARC ENVIRONMENTAL LTD TRIAL PIT POSITION
	ARC ENVIRONMENTAL LTD WINDOWLESS SAMPLING BOREHOLE
	ARC ENVIRONMENTAL LTD MONITORING WELL

rev.	date	amendments	drawn	checked

Client:
VISTRY PARTNERSHIPS YORKSHIRE

Project Title:
Proposed Residential Development
Hollingworth Gate
Littleborough

Drawing Title:
Exploratory Hole Location Plan

Scale at A1:	Date:	Drawn by:	Approved by:
As Shown	08.11.21	P.D	M.P.B

Job Ref:	Dwg no:	Rev:
21-763	—	—



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BOREHOLE LOG

Project Hollingsworth Gate, Littleborough				BOREHOLE No CP1	
Job No 21-763	Date 01-11-21	Ground Level (m) 153.26	Co-Ordinates () E 393,439.5 N 415,778.6		
Contractor Arc Environmental Limited				Sheet 1 of 1	

SAMPLES & TESTS			Water	STRATA				Geology	Instrument/ Backfill
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION		
0.00-1.00	B						Vegetation overlying dense and very dense light brown sandy slightly clayey gravel intermixed with concrete, sandstone and cobbles. Metal noted (MADE GROUND).		
1.50-1.80	B					(3.00)			
1.50-1.80	SPT	72 Blows							
2.00-2.20	B								
2.00-2.20	SPT	75 Blows							
3.00-3.45	B			150.26		3.00			
3.00-3.45	SPT	N=35				(1.10)	Medium dense becoming dense and very dense light brown SANDSTONE (LOWER COAL MEASURES).		
4.00-4.10	B			149.16		4.10			
4.00-4.10	SPT	75 Blows					Borehole terminated at 4.10m due to refusal.		

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
						0	3	4			Borehole remained dry on completion
All dimensions in metres Scale 1:62.5			Client Vistry Partnerships Yorkshire			Method/ Plant Used Cable Percussive			Logged By MH		

AGS3 UK BH LOGS 21-763.GPJ AGS3 ALL GDT 8/11/21



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BOREHOLE LOG

Project Hollingsworth Gate, Littleborough				BOREHOLE No CP2	
Job No 21-763	Date 04-11-21	Ground Level (m) 153.42	Co-Ordinates () E 393,413.2 N 415,713.4		
Contractor Arc Environmental Limited				Sheet 1 of 1	

SAMPLES & TESTS			Water	STRATA				Geology	Instrument/ Backfill
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION		
0.00-1.00	B					(1.70)	Vegetation overlying dense light brown sandy slightly clayey gravel intermixed with concrete, sandstone and cobbles (MADE GROUND).		
1.20-1.65 1.20-1.65	B SPT	N=32		151.72		1.70			
2.00-2.45 2.00-2.45	B SPT	N=16				(2.30)	Firm grey sandy gravelly CLAY (RESIDUAL SOIL).		
3.00-3.45 3.00-3.45	B SPT	N=19							
4.00-4.10	SPT	75 Blows		149.42 149.32		4.00 4.10	Yellowish brown SANDSTONE (LOWER COAL MEASURES). Borehole terminated at 4.10m due to refusal.		

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
						0	1.7	2			Borehole remained dry on completion
All dimensions in metres Scale 1:62.5			Client Vistry Partnerships Yorkshire			Method/ Plant Used Cable Percussive			Logged By MH		



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BOREHOLE LOG

Project Hollingworth Gate, Littleborough				BOREHOLE No CP3	
Job No 21-763	Date 03-11-21	Ground Level (m) 153.20	Co-Ordinates () E 393,366.3 N 415,662.3		
Contractor Arc Environmental Limited				Sheet 1 of 1	

SAMPLES & TESTS			Water	STRATA				Geology	Instrument/ Backfill
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION		
0.00-1.00	B						Vegetation overlying medium dense light brown sandy slightly clayey gravel intermixed with concrete, sandstone and cobbles (MADE GROUND).		
1.20-1.65 1.20-1.65	B SPT	N=12				(3.70)			
2.00-2.45 2.00-2.45	B SPT	N=11							
3.00-3.45 3.00-3.45	B SPT	N=15							
				149.50		3.70			
4.00-4.45 4.00-4.45	B SPT	N=19					Firm grey sandy gravelly CLAY (RESIDUAL SOIL).		
5.00-5.45 5.00-5.45	B SPT	N=20				(3.30)			
6.00-6.45 6.00-6.45	B SPT	N=25							
				146.20		7.00			
7.00-7.20 7.00-7.20	B SPT	75 Blows				(0.60)	Dense and very dense grey MUDSTONE (LOWER COAL MEASURES).		
				145.60		7.60			
7.50-7.60	SPT	75 Blows					Borehole terminated at 7.60m due to refusal.		

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
						0	3.7	5			Borehole remained dry on completion
All dimensions in metres Scale 1:62.5			Client Vistry Partnerships Yorkshire			Method/ Plant Used Cable Percussive			Logged By MH		

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BOREHOLE LOG

Project Hollingworth Gate, Littleborough				BOREHOLE No CP4	
Job No 21-763	Date 03-11-21	Ground Level (m) 155.87	Co-Ordinates () E 393,310.1 N 415,625.1		
Contractor Arc Environmental Limited				Sheet 1 of 1	

SAMPLES & TESTS			Water	STRATA				Geology	Instrument/ Backfill
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION		
0.00-1.00	B					(1.00)	Vegetation overlying light brown and grey sandy slightly clayey gravel intermixed with concrete, sandstone and cobbles (MADE GROUND).		
1.20-1.65	B			154.87		1.00			
1.20-1.65	SPT	N=14				(1.00)	Firm grey sandy gravelly clay with some brick (MADE GROUND).		
2.00-2.45	B			153.87		2.00			
2.00-2.45	SPT	N=13					Firm grey sandy gravelly CLAY (RESIDUAL SOIL).		
3.00-3.45	B								
3.00-3.45	SPT	N=17							
5.00-5.45	B					(6.00)			
5.00-5.45	SPT	N=19							
6.00-6.45	B								
6.00-6.45	SPT	N=20							
7.00-7.45	B								
7.00-7.45	SPT	N=22							
8.00-8.20	B			147.87		8.00			
8.00-8.20	SPT	75 Blows		147.67		8.20	Dense and very dense grey MUDSTONE (LOWER COAL MEASURES).		
							Borehole terminated at 8.20m due to refusal.		

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
						0	1	1			Water strike at 8.00m.
All dimensions in metres Scale 1:62.5			Client Vistry Partnerships Yorkshire			Method/ Plant Used Cable Percussive			Logged By MH		

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BOREHOLE LOG

Project Hollingsworth Gate, Littleborough				BOREHOLE No CP5	
Job No 21-763	Date 01-11-21	Ground Level (m) 152.71	Co-Ordinates () E 393,228.2 N 415,673.9		
Contractor Arc Environmental Limited				Sheet 1 of 1	

SAMPLES & TESTS			Water	STRATA				Geology	Instrument/ Backfill
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION		
0.00-1.00	B						Vegetation overlying medium dense light brown and grey sandy slightly clayey gravel intermixed with concrete, sandstone and cobbles (MADE GROUND).		
1.50-1.95	B								
1.50-1.95	SPT	N=23				(4.00)			
2.00-2.45	B								
2.00-2.45	SPT	N=16							
3.00-3.45	B								
3.00-3.45	SPT	N=23							
4.00-4.45	B			148.71		4.00			
4.00-4.45	SPT	N=24				(1.50)	Medium dense medium brown SAND (RESIDUAL SOIL).		
5.00-5.45	B								
5.00-5.45	SPT	N=19		147.21		5.50			
5.50-5.95	SPT	N=34				(0.60)	Medium dense becoming dense and very dense grey MUDSTONE (LOWER COAL MEASURES).		
6.00-6.10	SPT	75 Blows		146.61		6.10			
							Borehole terminated at 7.60m due to refusal.		

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
						0	4	5			Borehole remained dry on completion
All dimensions in metres Scale 1:62.5			Client Vistry Partnerships Yorkshire			Method/ Plant Used Cable Percussive			Logged By MH		

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BOREHOLE LOG

Project Hollingworth Gate, Littleborough				BOREHOLE No CP6	
Job No 21-763	Date 02-11-21	Ground Level (m) 156.55	Co-Ordinates () E 393,235.3 N 415,610.1		
Contractor Arc Environmental Limited				Sheet 1 of 1	

SAMPLES & TESTS			Water	STRATA				Geology	Instrument/ Backfill
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thick-ness)	DESCRIPTION		
0.00-0.40	B			156.15		0.40	Vegetation overlying light brown and grey sandy slightly clayey gravel intermixed with concrete, sandstone and cobbles (MADE GROUND).		
0.40-1.00	B					(1.60)	Firm grey and brown sandy clay with some sandstone (MADE GROUND).		
1.20-1.65	B	N=16							
1.20-1.65	SPT			154.55		2.00			
2.00-2.45	B	N=17				(1.00)	Stiff dark brown and grey very sandy very gravelly CLAY with occasional cobbles of sandstone (RESIDUAL SOIL).		
2.00-2.45	SPT			153.55		3.00			
3.00-3.45	B	75 Blows				(1.25)	Dense and very dense grey MUDSTONE (LOWER COAL MEASURES).		
3.00-3.45	SPT			152.30		4.25			
4.00-4.25	B	75 Blows					Borehole terminated at 4.25m due to refusal.		
4.00-4.25	SPT								

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
						0	0.4	1			Water strike at 5.20m.
All dimensions in metres Scale 1:62.5			Client Vistry Partnerships Yorkshire			Method/ Plant Used Cable Percussive			Logged By MH		

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BOREHOLE LOG

Project Hollingsworth Gate, Littleborough				BOREHOLE No CP7	
Job No 21-763	Date 02-11-21	Ground Level (m) 157.42	Co-Ordinates () E 393,277.8 N 415,603.8		
Contractor Arc Environmental Limited				Sheet 1 of 1	

SAMPLES & TESTS			Water	STRATA				Geology	Instrument/ Backfill
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION		
0.00-1.00	B					(1.20)	Vegetation overlying light brown and grey sandy slightly clayey gravel intermixed with concrete, sandstone and cobbles (MADE GROUND).		
1.20-1.65 1.20-1.65	B SPT	N=8		156.22		1.20	Soft brown sandy CLAY with some sand bands (RESIDUAL SOIL).		
2.00-2.45 2.00-2.45	B SPT	N=15				(3.50)			
3.00-3.45 3.00-3.45	B SPT	N=11							
4.00-4.45 4.00-4.45	B SPT	N=10		152.72		4.70			
5.00-5.45 5.00-5.45	B SPT	N=17				(2.00)			
6.00-6.45 6.00-6.45	B SPT	N=18		150.72		6.70			
6.70-7.00 7.00-7.20	B SPT	73 Blows	↓	150.22		(0.50) 7.20	Dense and very dense grey MUDSTONE (LOWER COAL MEASURES).		
							Borehole terminated at 7.20m due to refusal.		

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
						0	1.2	2			Water strike at 7.00m.
All dimensions in metres Scale 1:62.5			Client Vistry Partnerships Yorkshire			Method/ Plant Used Cable Percussive			Logged By MH		

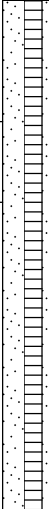
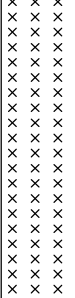
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BOREHOLE LOG

Project Hollingworth Gate, Littleborough				BOREHOLE No MW1	
Job No 21-763	Date 27-10-21	Ground Level (m) 151.62	Co-Ordinates () E 393,509.0 N 415,872.0		
Contractor Arc Environmental Limited				Sheet 1 of 1	

SAMPLES & TESTS			Water	STRATA				Geology	Instrument/ Backfill
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thick-ness)	DESCRIPTION		
1.00-1.45	SPT	N=27		151.17		(0.45) 0.45	Grass overlying demolition rubble of broken bricks and concrete intermixed with brown sandy clay (MADE GROUND)		
						(0.85)	Firm (locally stiff) reddish brown (possibly reworked) sandy gravelly clay with occasional coal fragments and cobbles of sandstone (MADE GROUND)		
				150.32		1.30			
2.00-2.27	SPT	75 Blows		150.12		(0.20) 1.50	Stiff (high strength) reddish brown sandy gravelly CLAY with occasional cobbles of sandstone (RESIDUAL SOIL)		
					(0.77)	Yellowish brown completely weathered SILTSTONE recovered as a friable gravel (LOWER COAL MEASURES)			
			149.35		2.27				
							Borehole terminated at c.2.27m due to refusal of sampling equipment		

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Borehole remained dry on completion
All dimensions in metres Scale 1:18.75			Client Vistry Partnerships Yorkshire			Method/ Plant Used Windowless Sampling			Logged By LJ		

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BOREHOLE LOG

Project Hollingsworth Gate, Littleborough				BOREHOLE No MW2	
Job No 21-763	Date 27-10-21	Ground Level (m) 155.41	Co-Ordinates () E 393,481.7 N 415,801.2		
Contractor Arc Environmental Limited				Sheet 1 of 1	

SAMPLES & TESTS			Water	STRATA				Geology	Instrument/ Backfill
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION		
0.60-0.90	SPT	75 Blows		155.11		(0.30) 0.30	Grass overlying demolition rubble of broken bricks and concrete intermixed with brown sandy clay (MADE GROUND)		
						(0.60) 0.90	Stiff (high strength) reddish brown sandy gravelly CLAY with occasional cobbles of sandstone (RESIDUAL SOIL)		
				154.51			Borehole terminated at c.0.90m due to refusal of sampling equipment		

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Borehole remained dry on completion
All dimensions in metres Scale 1:18.75			Client Vistry Partnerships Yorkshire			Method/ Plant Used Windowless Sampling			Logged By LJ		

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BOREHOLE LOG

Project Hollingworth Gate, Littleborough				BOREHOLE No MW3	
Job No 21-763	Date 27-10-21	Ground Level (m) 151.68	Co-Ordinates () E 393,413.2 N 415,776.0		
Contractor Arc Environmental Limited				Sheet 1 of 1	

SAMPLES & TESTS			Water	STRATA				Geology	Instrument/ Backfill
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION		
1.00-1.09	SPT	75 Blows		151.58		0.10	Grass overlying demolition rubble of broken bricks and concrete intermixed with brown sandy clay (MADE GROUND)		
						(0.70)	Firm (locally stiff) reddish brown (possibly reworked) sandy gravelly clay with occasional coal fragments and cobbles of sandstone (MADE GROUND)		
				150.88		0.80			
						(0.29)	Yellowish brown slightly clayey gravel of sandstone cobbles (MADE GROUND)		
				150.59		1.09			
							Borehole terminated at c.1.09m due to refusal of sampling equipment		

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Borehole remained dry on completion
All dimensions in metres Scale 1:18.75			Client Vistry Partnerships Yorkshire			Method/ Plant Used Windowless Sampling			Logged By LJ		

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BOREHOLE LOG

Project Hollingworth Gate, Littleborough				BOREHOLE No MW4	
Job No 21-763	Date 27-10-21	Ground Level (m) 152.28	Co-Ordinates () E 393,196.0 N 415,664.0		
Contractor Arc Environmental Limited				Sheet 1 of 1	

SAMPLES & TESTS			Water	STRATA				Geology	Instrument/ Backfill
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION		
1.00-1.45	SPT	N=8		151.98		(0.30) 0.30	Grass overlying demolition rubble of broken bricks and concrete intermixed with brown sandy clay (MADE GROUND)		
						(1.80)	Firm greyish brown sandy gravelly clay with brick, sandstone and concrete. Cobbles noted (MADE GROUND)		
2.00-2.45	SPT	N=12		150.18		2.10	Stiff (high strength) brown very sandy very gravelly CLAY. Gravel is fine to coarse of sandstone (RESIDUAL SOIL).		
3.00-3.45	SPT	N=8				(2.20)			
4.00-4.45	SPT	N=10		147.98		4.30	Yellowish brown SANDSTONE (LOWER COAL MEASURES).		
4.50-4.70	SPT	75 Blows		147.58		(0.40) 4.70			

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Borehole remained dry on completion
All dimensions in metres Scale 1:31.25			Client	Vistry Partnerships Yorkshire			Method/ Plant Used	Windowless Sampling		Logged By	MPB

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BOREHOLE LOG

Project Hollingworth Gate, Littleborough				BOREHOLE No MW5	
Job No 21-763	Date 27-10-21	Ground Level (m) 150.01	Co-Ordinates () E 393,412.9 N 415,811.9		
Contractor Arc Environmental Limited				Sheet 1 of 1	

SAMPLES & TESTS			Water	STRATA				Geology	Instrument/ Backfill
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION		
0.70-0.82	SPT	75 Blows		149.71		(0.30) 0.30	Grass overlying demolition rubble of broken bricks and concrete intermixed with brown sandy clay (MADE GROUND)		
						(0.52) 0.82	Black very sandy slightly clayey gravel with broken bricks and concrete (MADE GROUND)		
				149.19			Borehole terminated at c.0.82m due to refusal of sampling equipment		

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Borehole remained dry on completion

All dimensions in metres Scale 1:18.75	Client Vistry Partnerships Yorkshire	Method/ Plant Used Windowless Sampling	Logged By LJ
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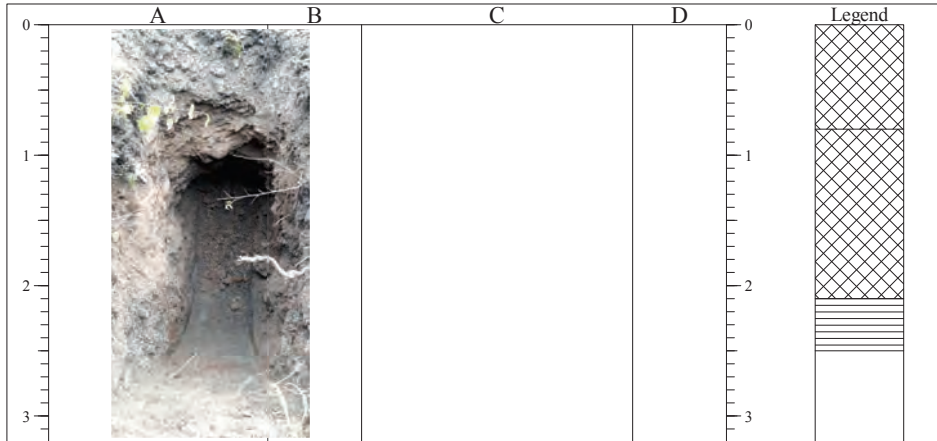
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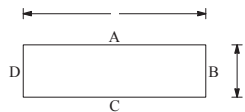
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP01
Job No 21-763	Date 26-10-21	Ground Level (m) 152.32	Co-Ordinates () E 393,520.6 N 415,873.3	
Contractor Arc Environmental Limited				
Sheet 1 of 1				



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.80		Vegetation overlying light brown sandy slightly clayey gravel intermixed with broken bricks, sandstone blocks and cobbles (MADE GROUND)			
0.80-2.10		Yellowish brown very gravelly sand intermixed with very sandy gravel with sandstone cobbles and pockets of shaley mudstone gravel (MADE GROUND)			
2.10-2.50		Grey and occasionally ironstained highly weathered MUDSTONE recovered as a shaley gravel (LOWER COAL MEASURES FORMATION)			

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used Mechanically Excavated

Logged By
LJ



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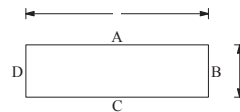
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP02
Job No 21-763	Date 26-10-21	Ground Level (m) 152.14	Co-Ordinates () E 393,497.8 N 415,859.9	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.80		Vegetation overlying light brown sandy slightly clayey gravel intermixed with concrete, sandstone and cobbles (MADE GROUND)			
0.80-1.90		Brown clayey gravelly sand. (possibly reworked natural) (MADE GROUND).			
1.90-3.00		Blue grey very clayey silty SAND. Cobbles (RESIDUAL SOIL).			

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained stable with slight ingress from c.1.70m within made ground

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used Mechanically Excavated

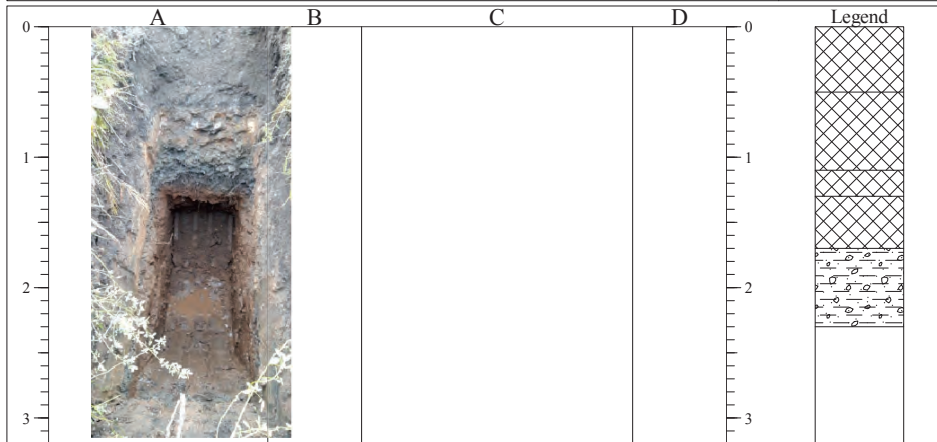
Logged By
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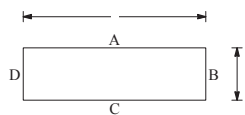
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP03
Job No 21-763	Date 26-10-21	Ground Level (m) 153.54	Co-Ordinates () E 393,492.3 N 415,842.6	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.50		Vegetation overlying dark brown sandy slightly gravelly clay with rootlets, brick fragments and sandstone blocks (MADE GROUND)			
0.50-1.10		Firm orangish brown and grey slightly gravelly reworked clay (MADE GROUND)			
1.10-1.30		Grey slightly sandy gravel sub-base with broken glass, plastic fragments and water ingress (MADE GROUND)			
1.30-1.70		Firm reddish brown sandy gravelly (possibly reworked) clay (MADE GROUND)			
1.70-2.30		Stiff (high strength) reddish and greyish brown sandy slightly gravelly CLAY (RESIDUAL SOIL)	2.00	B	
			2.00	V	110kN/m ²

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained stable with slight ingress from base of made ground

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used Mechanically Excavated

Logged By
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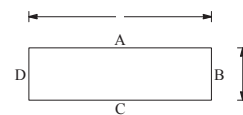
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP04
Job No 21-763	Date 26-10-21	Ground Level (m) 152.34	Co-Ordinates () E 393,470.8 N 415,841.2	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-1.80		Vegetation over brown and black sandy gravel of concrete, brick and sandstone with occasional wood (MADE GROUND).			
1.80-2.40		Stiff (high strength) brown very sandy very gravelly CLAY with occasional cobbles of sandstone (RESIDUAL SOIL).	2.00	V	90kN/m ²

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used Mechanically Excavated

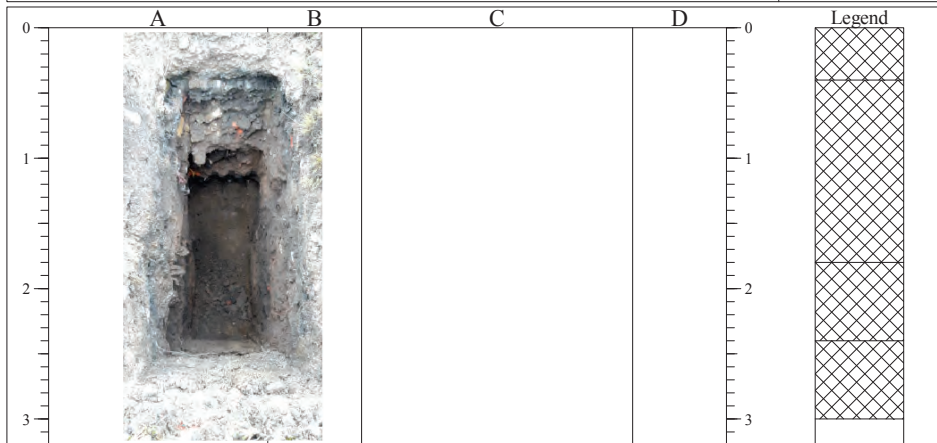
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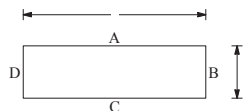
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP05
Job No 21-763	Date 26-10-21	Ground Level (m) 155.43	Co-Ordinates () E 393,516.8 N 415,836.7	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.40		Grass overlying demolition rubble of broken bricks and concrete intermixed with brown sandy clay (MADE GROUND)			
0.40-1.80		Dark brown sandy gravelly clay with broken bricks, concrete, material, sandstone blocks and metal (MADE GROUND)			
1.80-2.40		Reddish brown very gravelly sand with broken bricks, rootlets and sandstone gravels (MADE GROUND)			
2.40-3.00		Firm (locally soft) greyish brown very sandy gravelly (possibly reworked) clay (MADE GROUND)	2.75	B	

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used
Mechanically Excavated

Logged By
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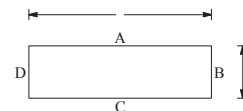
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP06
Job No 21-763	Date 26-10-21	Ground Level (m) 155.46	Co-Ordinates () E 393,502.1 N 415,810.7	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.60		Grass overlying greyish brown sandy gravel with rootlets and broken bricks (MADE GROUND)			
0.60-1.30		Stiff (high strength) greyish brown slightly sandy slightly gravelly CLAY with occasional cobbles of mudstone (RESIDUAL SOIL)	1.00	V	110kN/m ²
			1.20	B	

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained stable with slight ingress from base of made ground

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used
Mechanically Excavated

Logged By
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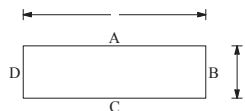
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP07
Job No 21-763	Date 26-10-21	Ground Level (m) 155.25	Co-Ordinates () E 393,470.7 N 415,812.4	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.30		Grass overlying demolition rubble of broken bricks and concrete intermixed with brown sandy clay (MADE GROUND)			
0.30-1.60		Firm reddish brown slightly sandy gravelly clay with broken bricks and sandstone cobbles (MADE GROUND)			
1.60		Trial pit terminated at c.1.60m on buried concrete			

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used
Mechanically Excavated

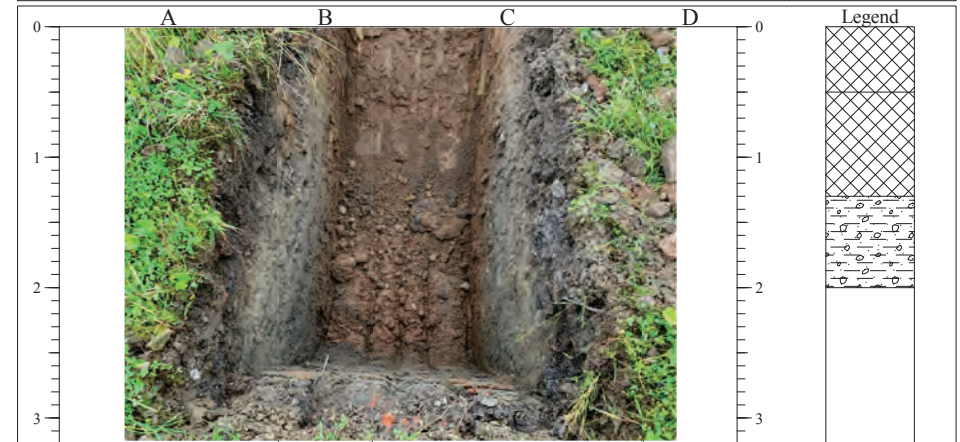
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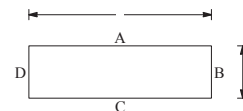
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP08
Job No 21-763	Date 26-10-21	Ground Level (m) 155.42	Co-Ordinates () E 393,470.3 N 415,767.8	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.50		Vegetation over brown gravel of concrete, brick and sandstone with occasional wood (MADE GROUND).			
0.50-1.30		Brown clayey gravelly sand. (possibly reworked natural) (MADE GROUND).			
1.30-2.00		Stiff (high strength) brown very sandy very gravelly CLAY with occasional cobbles of sandstone (RESIDUAL SOIL).			
			2.00	V	105kN/m ²

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used
Mechanically Excavated

Logged By
MPB



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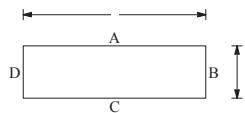
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP09
Job No 21-763	Date 26-10-21	Ground Level (m) 156.35	Co-Ordinates () E 393,489.5 N 415,778.8	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-1.30		Vegetation overlying greyish brown sandy gravelly clay with broken bricks, concrete and metal (MADE GROUND)			
1.30-2.10		Orangish brown very sandy slightly clayey gravel with pockets of very sandy very gravelly clay, brick and plastic fragments (MADE GROUND)			
2.10-2.30		Stiff (high strength) orangish brown and grey sandy slightly gravelly CLAY with occasional pockets of very clayey gravelly sand (RESIDUAL SOIL)	2.00	V	95kN/m ²
			2.20	B	

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

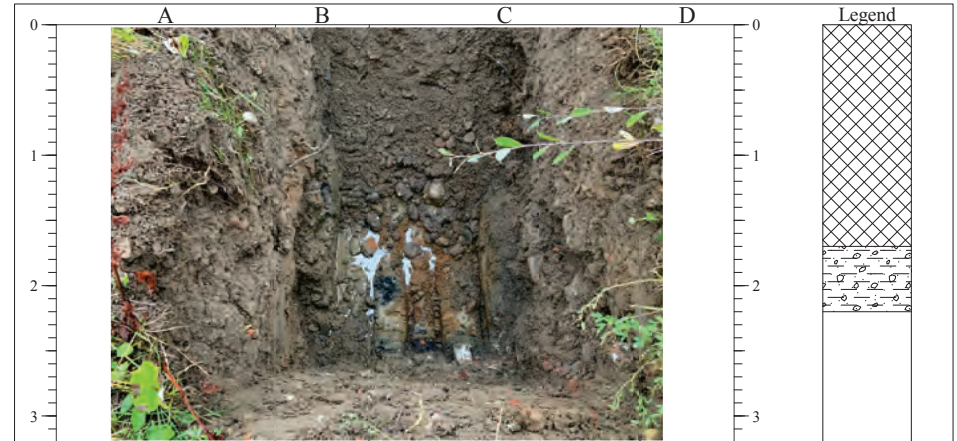
All dimensions in metres Scale 1:40	Client Vistry Partnerships Yorkshire	Method/ Plant Used Mechanically Excavated	Logged By LJ
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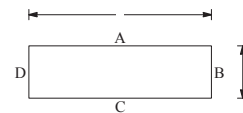
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP10
Job No 21-763	Date 26-10-21	Ground Level (m) 157.75	Co-Ordinates () E 393,480.3 N 415,741.9	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-1.70		Vegetation overlying light brown sandy slightly clayey gravel intermixed with brick. Wet at base (MADE GROUND)			
1.70-2.20		Stiff (high strength) brown very sandy very gravelly CLAY with occasional cobbles of sandstone (RESIDUAL SOIL).	2.00	V	91kN/m ²

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained stable with slight ingress from base of made ground

All dimensions in metres Scale 1:40	Client Vistry Partnerships Yorkshire	Method/ Plant Used Mechanically Excavated	Logged By MPB
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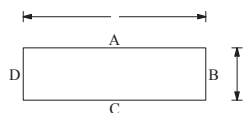
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP11
Job No 21-763	Date 26-10-21	Ground Level (m) 158.08	Co-Ordinates () E 393,498.8 N 415,743.0	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.90		Vegetation overlying greyish brown sandy gravelly clay with broken bricks, concrete and metal (MADE GROUND)			
0.90-1.40		Firm (locally stiff) (high strength) yellowish brown and grey very sandy slightly gravelly CLAY (RESIDUAL SOIL)	1.00	B	80kN/m ²
			1.00	V	

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

All dimensions in metres Scale 1:40	Client Vistry Partnerships Yorkshire	Method/ Plant Used Mechanically Excavated	Logged By LJ
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AGS3 UK TP LOGS 21-763.GPJ AGS3 ALL.GDT 8/11/21



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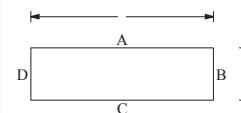
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP12
Job No 21-763	Date 26-10-21	Ground Level (m) 158.52	Co-Ordinates () E 393,532.0 N 415,748.2	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.50		Grass overlying demolition rubble of broken bricks and concrete intermixed with brown sandy clay (MADE GROUND)			
0.50-1.30		Stiff (high strength) greyish brown slightly sandy slightly gravelly CLAY with occasional cobbles of mudstone and pockets of very clayey sand (RESIDUAL SOIL)	1.00	V	95kN/m ²
			1.40	B	

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

All dimensions in metres Scale 1:40	Client Vistry Partnerships Yorkshire	Method/ Plant Used Mechanically Excavated	Logged By LJ
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AGS3 UK TP LOGS 21-763.GPJ AGS3 ALL.GDT 8/11/21



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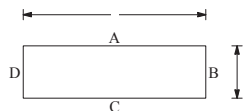
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP13
Job No 21-763	Date 26-10-21	Ground Level (m) 161.80	Co-Ordinates () E 393,542.4 N 415,713.3	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.70		Grass overlying demolition rubble of broken bricks and concrete intermixed with brown sandy clay (MADE GROUND)			
0.70-1.50		Dark grey and black sandy gravelly clay with broken bricks, sandstone cobbles, plastic and metal (MADE GROUND)			
1.50-2.00		Firm (locally soft) (medium strength) light grey slightly sandy silty CLAY (RESIDUAL SOIL)	1.50	V	45kN/m ²
2.00-2.20		Firm (medium strength) orangish brown and grey sandy slightly gravelly CLAY with pockets of sand (RESIDUAL SOIL)	2.00	V	65kN/m ²
2.20-2.30		Stiff (high strength) greyish brown slightly sandy slightly gravelly CLAY with occasional cobbles of mudstone (RESIDUAL SOIL)	2.20	B	
			2.20	V	95kN/m ²

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used Mechanically Excavated

Logged By
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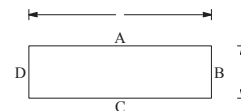
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP14
Job No 21-763	Date 26-10-21	Ground Level (m) 159.03	Co-Ordinates () E 393,489.2 N 415,707.8	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-2.00		Soft and firm brown and black sandy gravelly clay. Gravel is fine to coarse comprising fragments of brick and concrete with some metal noted. Concrete at base (MADE GROUND).			

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained stable with slight ingress from made ground

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used Mechanically Excavated

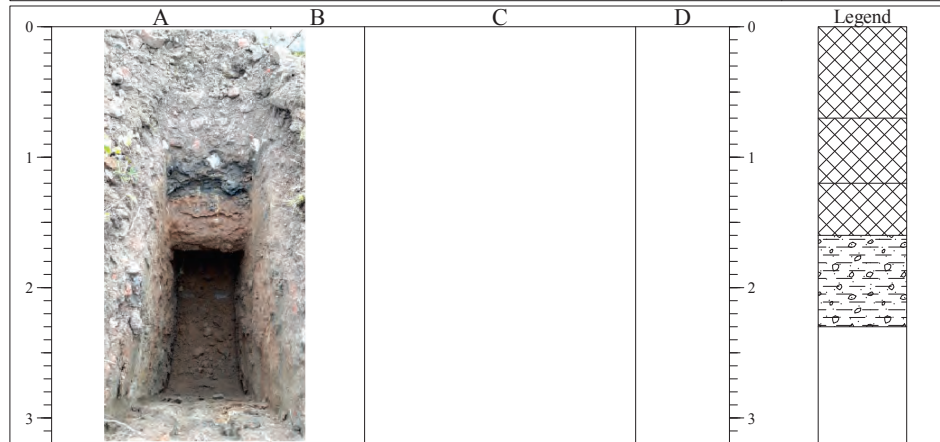
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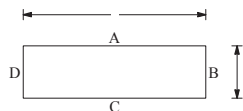
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP15
Job No 21-763	Date 26-10-21	Ground Level (m) 157.47	Co-Ordinates () E 393,453.7 N 415,695.1	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.70		Grass overlying demolition rubble of broken bricks and concrete intermixed with brown sandy clay (MADE GROUND)			
0.70-1.20		Reddish brown very gravelly sand with occasional brick fragments (MADE GROUND)			
1.20-1.60		Reddish brown very gravelly (possibly reworked) sand (MADE GROUND)			
1.60-2.30		Stiff orangish brown and grey sandy very gravelly CLAY with occasional pockets of very clayey gravelly sand (RESIDUAL SOIL)	2.00	B	

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and
stable on completion

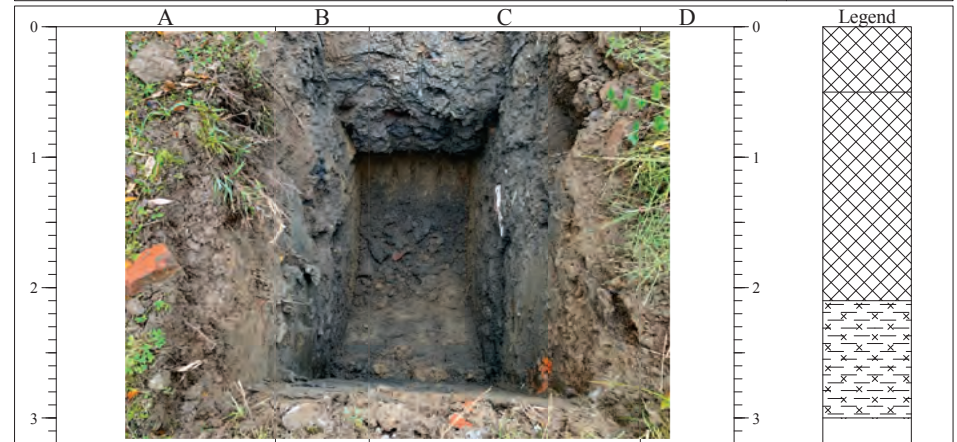
All dimensions in metres Scale 1:40	Client Vistry Partnerships Yorkshire	Method/ Plant Used Mechanically Excavated	Logged By LJ
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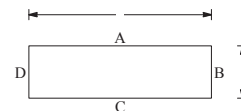
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP16
Job No 21-763	Date 26-10-21	Ground Level (m) 155.00	Co-Ordinates () E 393,422.6 N 415,686.6	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.50		Soft and firm brown and black sandy gravelly clay. Gravel is fine to coarse comprising fragments of brick and concrete with some metal noted. Concrete at base (MADE GROUND).			
0.50-2.10		Firm grey sandy gravelly clay comprising fragments of brick and concrete with cobbles and rag noted (MADE GROUND).			
2.10-3.00		Soft light brown and grey very sandy silty CLAY. Becoming clayey sand in places (RESIDUAL SOIL).			
			3.00	V	35kN/m ²

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and
stable on completion

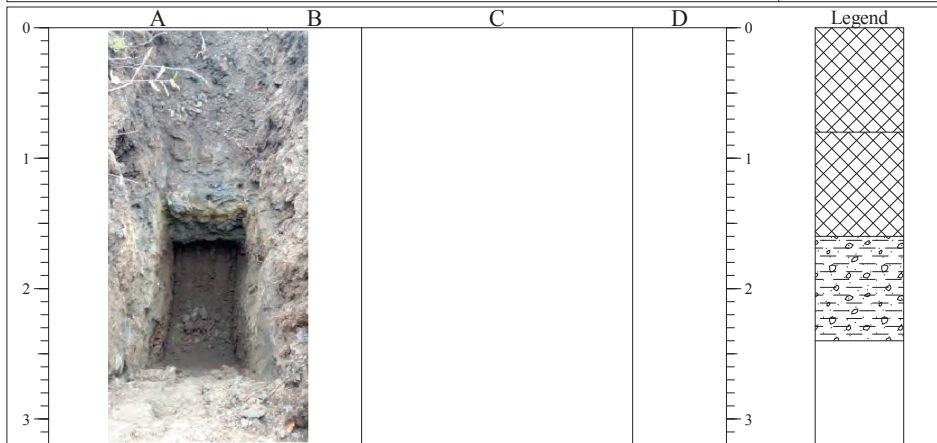
All dimensions in metres Scale 1:40	Client Vistry Partnerships Yorkshire	Method/ Plant Used Mechanically Excavated	Logged By MPB
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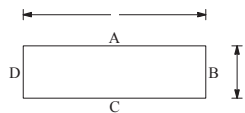
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP17
Job No 21-763	Date 26-10-21	Ground Level (m) 155.88	Co-Ordinates () E 393,444.7 N 415,723.2	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.80		Grass overlying demolition rubble of broken bricks and concrete intermixed with brown sandy clay (MADE GROUND)			
0.80-1.60		Firm yellowish and greyish brown very sandy (possibly reworked) clay with pockets of sand and sandstone cobbles (MADE GROUND)			
1.60-2.40		Firm (locally stiff) (high strength) orangish and reddish brown sandy slightly gravelly CLAY with occasional cobbles of sandstone (RESIDUAL SOIL)	2.00	B	
			2.00	V	85kN/m ²

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used
Mechanically Excavated

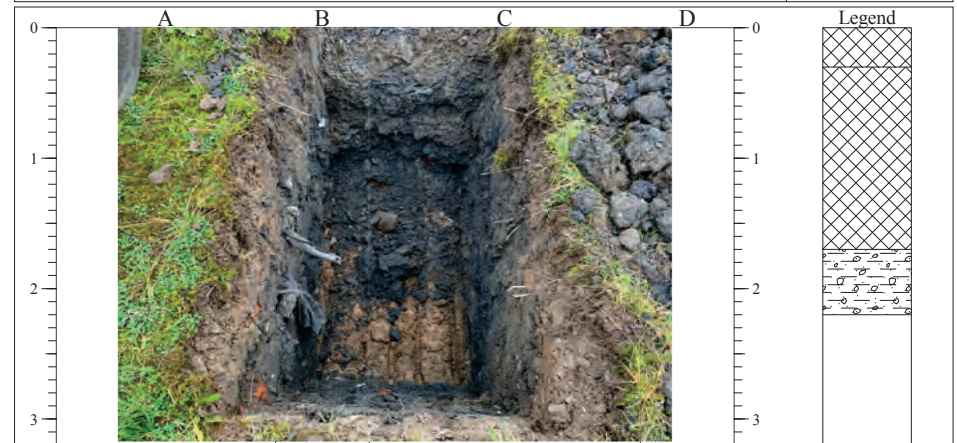
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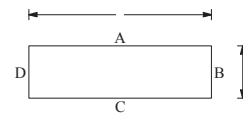
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP18
Job No 21-763	Date 26-10-21	Ground Level (m) 151.86	Co-Ordinates () E 393,388.8 N 415,709.2	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.30		Vegetation over brown gravel of concrete, brick and sandstone with occasional wood (MADE GROUND).			
0.30-1.70		Firm grey sandy gravelly clay comprising fragments of brick and concrete with cobbles, metal and rag noted (MADE GROUND).			
1.70-2.20		Stiff (high strength) brown very sandy very gravelly CLAY with occasional cobbles of sandstone (RESIDUAL SOIL).	2.00	V	108kN/m ²

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used
Mechanically Excavated

Logged By
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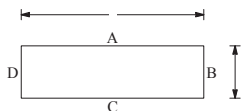
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP19
Job No 21-763	Date 26-10-21	Ground Level (m) 151.98	Co-Ordinates () E 393,404.3 N 415,750.1	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-1.70		Compact black and grey sandy gravel intermixed with brick, concrete and sandstone (MADE GROUND).			
1.70-2.30		Reddish brown SANDSTONE. Recovered as sandy gravel (LOWER COAL MEASURES).			

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

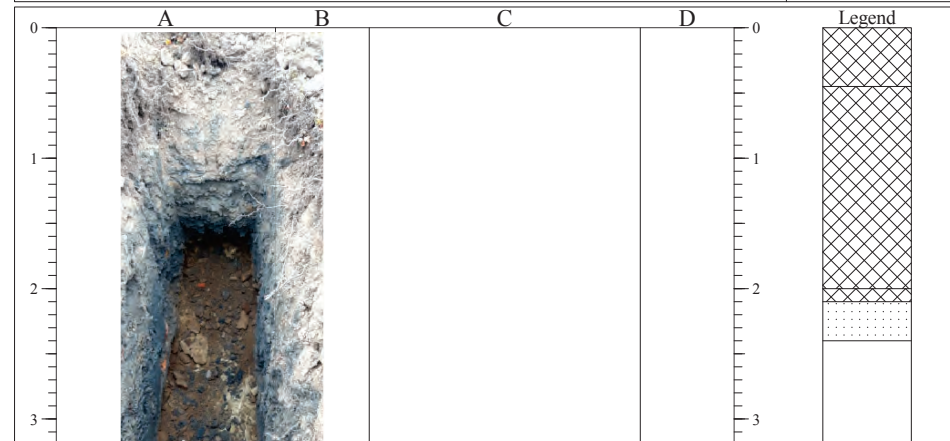
All dimensions in metres Scale 1:40	Client Vistry Partnerships Yorkshire	Method/ Plant Used Mechanically Excavated	Logged By MPB
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Telephone: 01913786380

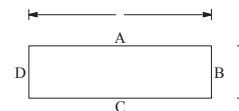
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP20
Job No 21-763	Date 26-10-21	Ground Level (m) 150.94	Co-Ordinates () E 393,411.5 N 415,787.4	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.45		Grass overlying demolition rubble of broken bricks and concrete intermixed with brown sandy clay (MADE GROUND)			
0.45-2.00		Firm (locally soft) dark grey sandy gravelly clay with brick, metal, timber fragments and sandstone blocks (MADE GROUND)			
2.00-2.10		Firm (locally soft) yellowish brown very sandy gravelly clay with broken bricks and large blocks of sandstone (MADE GROUND)			
2.10-2.40		Yellowish brown SANDSTONE (LOWER COAL MEASURES FORMATION)			

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

All dimensions in metres Scale 1:40	Client Vistry Partnerships Yorkshire	Method/ Plant Used Mechanically Excavated	Logged By LJ
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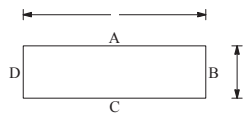
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP21
Job No 21-763	Date 26-10-21	Ground Level (m) 148.96	Co-Ordinates () E 393,326.7 N 415,732.0	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.50		Vegetation overlying greyish brown sandy gravelly clay with broken bricks (MADE GROUND)			
0.50-1.40		Black very sandy very clayey gravel with sandstone blocks (MADE GROUND)			
1.40-2.20		Soft (locally firm) greyish brown very sandy gravelly CLAY with pockets of very clayey sand (RESIDUAL SOIL)			
2.20-2.40		Firm orangish and greyish brown very sandy gravelly CLAY with cobbles of MUDSTONE (RESIDUAL SOIL)	2.30	B	

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained stable
with slight ingress from
base of made ground

All dimensions in metres Scale 1:40	Client Vistry Partnerships Yorkshire	Method/ Plant Used Mechanically Excavated	Logged By LJ
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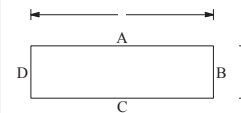
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP22
Job No 21-763	Date 26-10-21	Ground Level (m) 149.38	Co-Ordinates () E 393,303.6 N 415,724.1	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.80		Vegetation overlying greyish brown sandy gravelly clay with broken bricks (MADE GROUND)			
0.80-1.00		Light grey sandy dolostone gravel with cobbles of sandstone (MADE GROUND)			
1.00-2.00		Grey sandy gravel and cobbles of sandstone with broken sandstone blocks, bricks and concrete (MADE GROUND)			
2.00-2.30		Firm (medium strength) light greyish brown and grey sandy silty CLAY with occasional cobbles of sandstone (RESIDUAL SOIL)	2.20 2.20	B V	70kN/m ²

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained stable
with slight ingress from
base of made ground

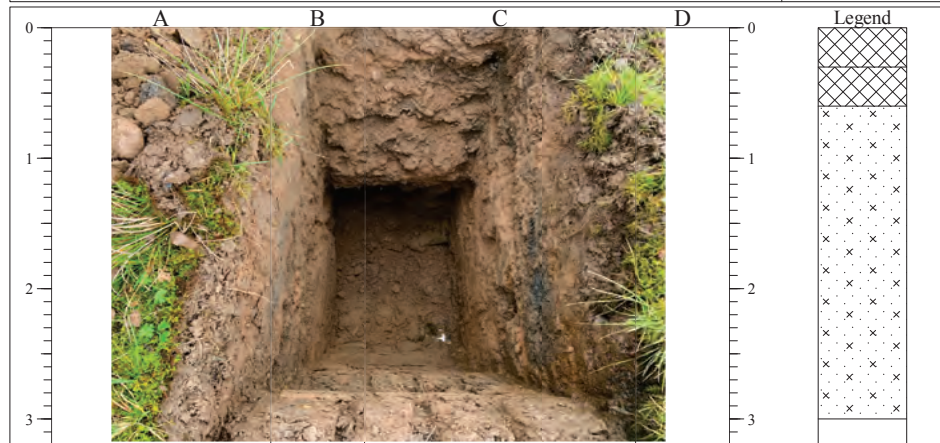
All dimensions in metres Scale 1:40	Client Vistry Partnerships Yorkshire	Method/ Plant Used Mechanically Excavated	Logged By LJ
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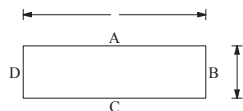
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP23
Job No 21-763	Date 26-10-21	Ground Level (m) 151.37	Co-Ordinates () E 393,318.2 N 415,686.7	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.30		Vegetation overlying light brown sandy slightly clayey gravel intermixed with concrete, sandstone and cobbles (MADE GROUND)			
0.30-0.60		Firm grey and brown sandy gravelly clay with sandstone (MADE GROUND).			
0.60-3.00		Brown clayey silty SAND with occasional gravel of sandstone (RESIDUAL SOIL).			

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

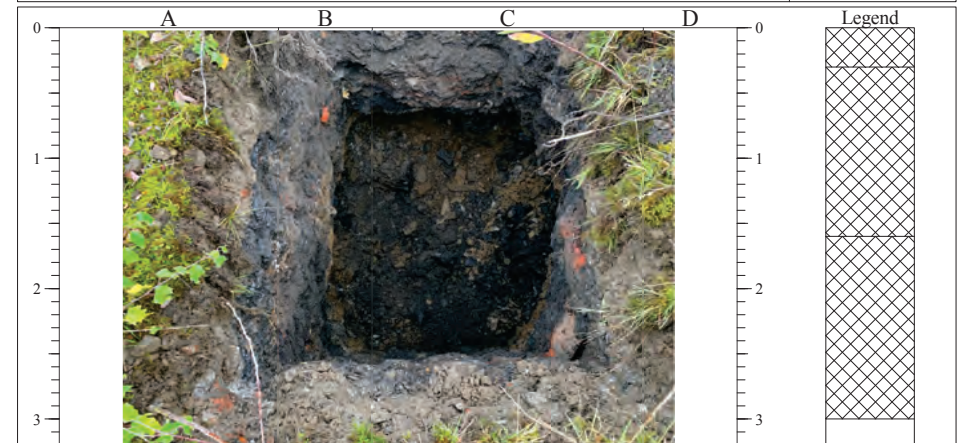
All dimensions in metres Scale 1:40	Client Vistry Partnerships Yorkshire	Method/ Plant Used Mechanically Excavated	Logged By MPB
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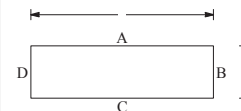
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP24
Job No 21-763	Date 26-10-21	Ground Level (m) 151.52	Co-Ordinates () E 393,353.5 N 415,691.2	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.30		Vegetation overlying light brown sandy slightly clayey gravel intermixed with concrete, sandstone and cobbles (MADE GROUND)			
0.30-1.60		Black sandy gravel of brick and ash (MADE GROUND).			
1.60-3.00		Black and brown sandy gravel of sandstone and mudstone with cobbles and boulders (MADE GROUND).			

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

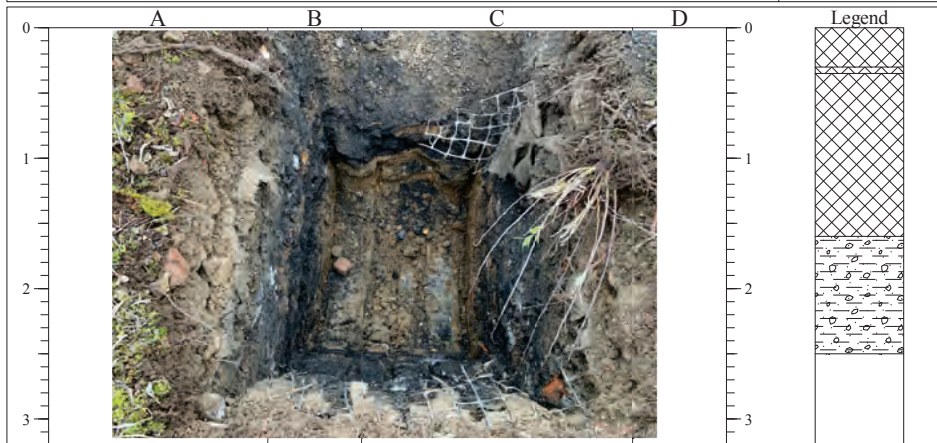
All dimensions in metres Scale 1:40	Client Vistry Partnerships Yorkshire	Method/ Plant Used Mechanically Excavated	Logged By MPB
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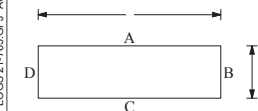
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP25
Job No 21-763	Date 27-10-21	Ground Level (m) 154.08	Co-Ordinates () E 393,338.5 N 415,650.4	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.30		Brown and grey sandy gravel of concrete and brick (MADE GROUND).			
0.30-0.35		Geogrid (MADE GROUND).			
0.35-1.60		Black and grey clayey sandy gravel. Gravel is fine to coarse comprising fragments of brick, concrete mudstone, shale and ash. Cobbles noted (MADE GROUND).			
1.60-2.50		Stiff (high strength) brown very sandy very gravelly CLAY. Gravel is fine to coarse of sandstone (RESIDUAL SOIL).	2.00	V	102kN/m ²

Shoring/Support:
Stability:



All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used Mechanically Excavated

Logged By
MPB



GENERAL
REMARKS

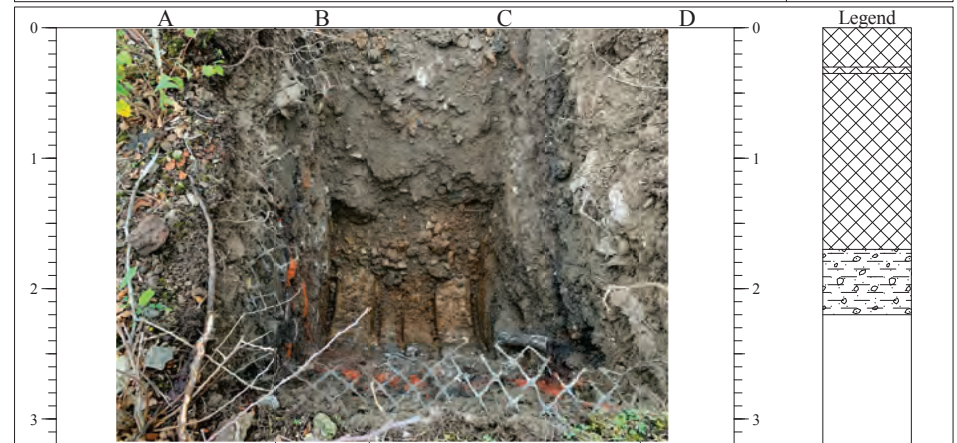
Trial pit remained dry and
stable on completion



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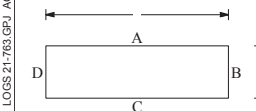
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP26
Job No 21-763	Date 27-10-21	Ground Level (m) 152.95	Co-Ordinates () E 393,381.4 N 415,670.8	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.30		Brown and grey sandy gravel of concrete and brick (MADE GROUND).			
0.30-0.35		Geogrid (MADE GROUND).			
0.35-1.70		Brown and grey clayey sandy gravel. Gravel is fine to coarse comprising fragments of brick, concrete mudstone, shale and some metal. Cobbles noted (MADE GROUND).			
1.70-2.20		Stiff (high strength) brown very sandy very gravelly CLAY. Gravel is fine to coarse of sandstone (RESIDUAL SOIL).	2.00	V	92kN/m ²

Shoring/Support:
Stability:



All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used Mechanically Excavated

Logged By
MPB



GENERAL
REMARKS

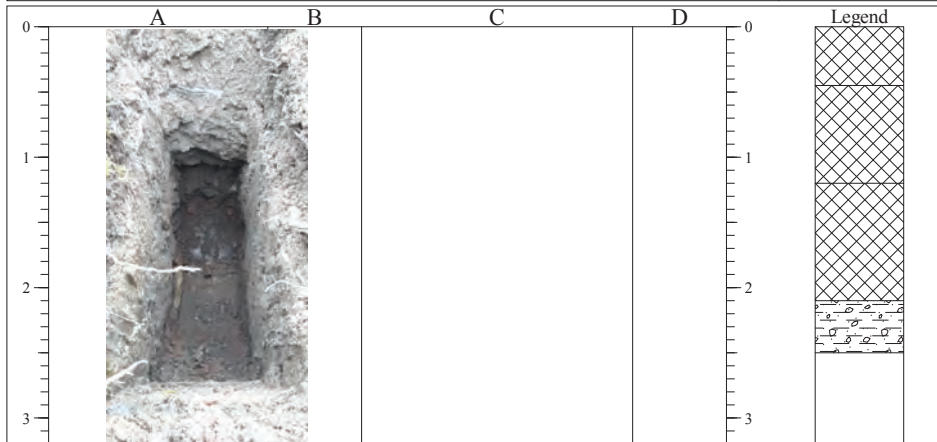
Trial pit remained dry and
stable on completion



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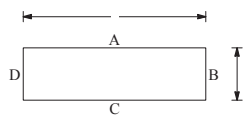
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP27
Job No 21-763	Date 27-10-21	Ground Level (m) 155.11	Co-Ordinates () E 393,316.7 N 415,635.0	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.45		Grass overlying demolition rubble of broken bricks and concrete intermixed with brown sandy clay (MADE GROUND)			
0.45-1.20		Firm light brown sandy gravelly clay with broken bricks, sandstone blocks, timber fragments and broken concrete (MADE GROUND)			
1.20-2.10		Dark grey sandy gravelly clay with broken bricks, sandstone cobbles and concrete (MADE GROUND)			
2.10-2.50		Stiff (high strength) grey slightly sandy slightly gravelly CLAY with occasional cobbles of mudstone (RESIDUAL SOIL)			
			2.40	B	
			2.50	V	100kN/m ²

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained stable
with slight ingress from
base of made ground

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used
Mechanically Excavated

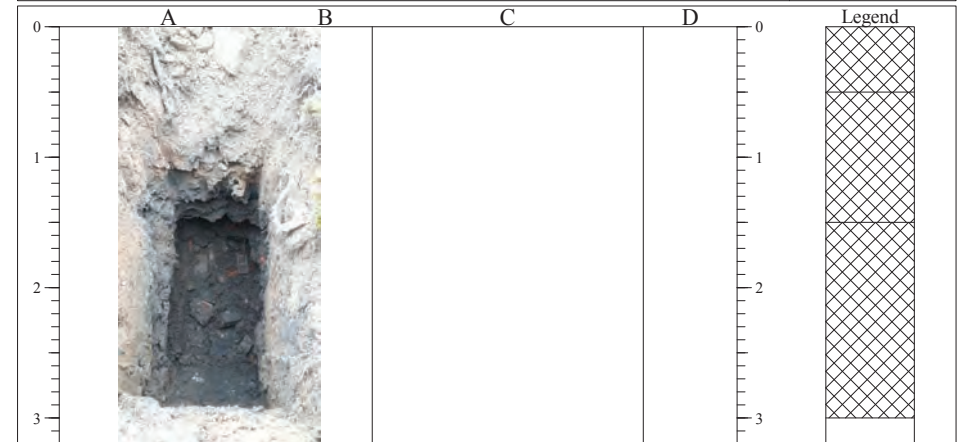
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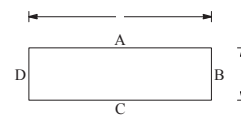
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP28
Job No 21-763	Date 27-10-21	Ground Level (m) 155.10	Co-Ordinates () E 393,289.1 N 415,637.4	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.50		Grass overlying demolition rubble of broken bricks, concrete and large sandstone blocks intermixed with brown sandy clay (MADE GROUND)			
0.50-1.50		Firm light brown sandy gravelly clay with broken bricks and sandstone blocks and pockets of dark grey very sandy clay with brick fragments (MADE GROUND)			
1.50-3.00		Dark grey sandy gravelly clay with broken bricks, sandstone cobbles, concrete, timber and metal (MADE GROUND)			

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and
stable on completion

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used
Mechanically Excavated

Logged By
LJ



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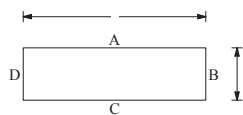
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP29
Job No 21-763	Date 27-10-21	Ground Level (m) 156.48	Co-Ordinates () E 393,273.4 N 415,619.6	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.70		Grass overlying demolition rubble of broken bricks, concrete and large sandstone blocks intermixed with brown sandy clay (MADE GROUND)			
0.70-1.50		Firm light brown sandy gravelly clay with broken bricks and sandstone blocks (MADE GROUND)			
1.50-1.70		Stiff (high strength) orangish brown and grey very sandy slightly gravelly CLAY (RESIDUAL SOIL)	1.50 1.60	V B	90kN/m ²

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used Mechanically Excavated

Logged By
LJ

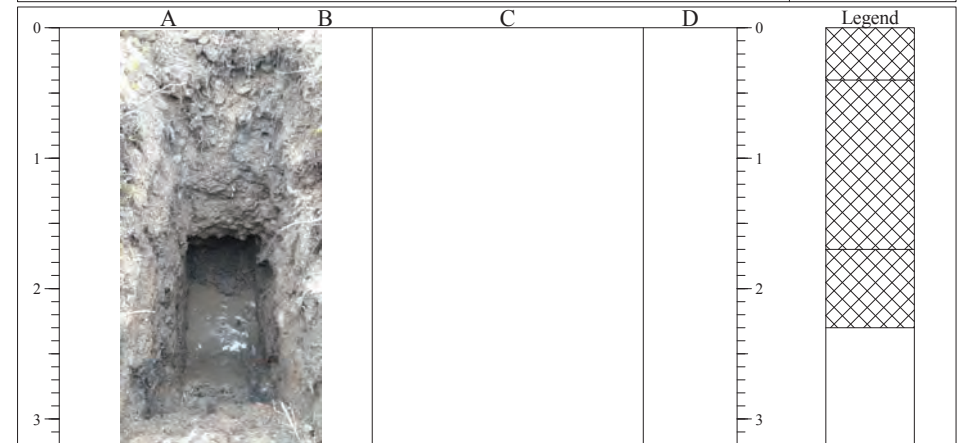
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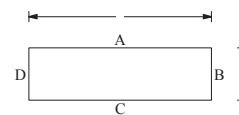
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP30
Job No 21-763	Date 27-10-21	Ground Level (m) 155.52	Co-Ordinates () E 393,255.6 N 415,631.5	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.40		Grass overlying demolition rubble of broken bricks and concrete intermixed with brown sandy clay with material membrane at base (MADE GROUND)			
0.40-1.70		Greyish brown very sandy clayey gravel with broken bricks, concrete, plastic and metal fragments and slight water ingress from c.1.00m (MADE GROUND)			
1.70-2.30		Greyish brown very sandy clayey gravel intermixed with dark grey sandy gravelly clay with broken bricks, concrete, plastic and metal fragments (MADE GROUND)			
2.30		Trial pit terminated at c.2.30m on buried concrete			

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained stable with slight ingress from c.0.50m within made ground

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used Mechanically Excavated

Logged By
LJ

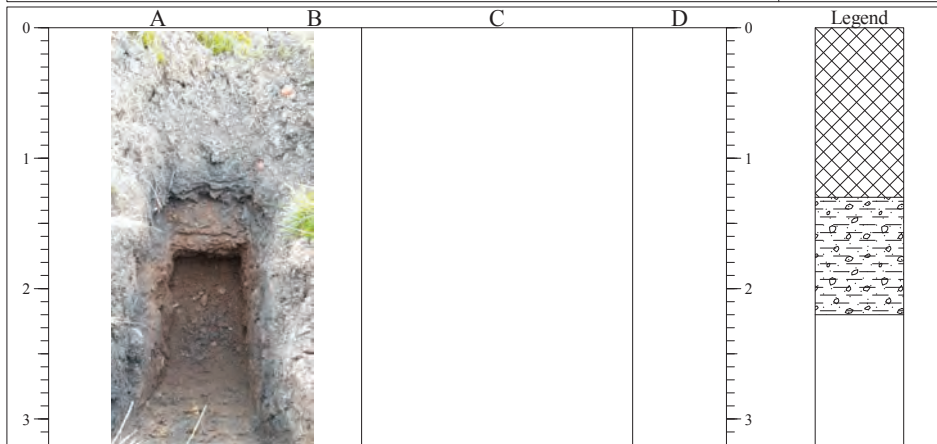
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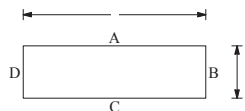
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP31
Job No 21-763	Date 26-10-21	Ground Level (m) 152.46	Co-Ordinates () E 393,293.2 N 415,671.4	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-1.30		Vegetation overlying greyish brown sandy gravelly clay with broken bricks and concrete blocks (MADE GROUND)			
1.30-2.20		Firm (locally stiff) very sandy very gravelly CLAY with cobbles of sandstone (RESIDUAL SOIL)			

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used Mechanically Excavated

Logged By
LJ

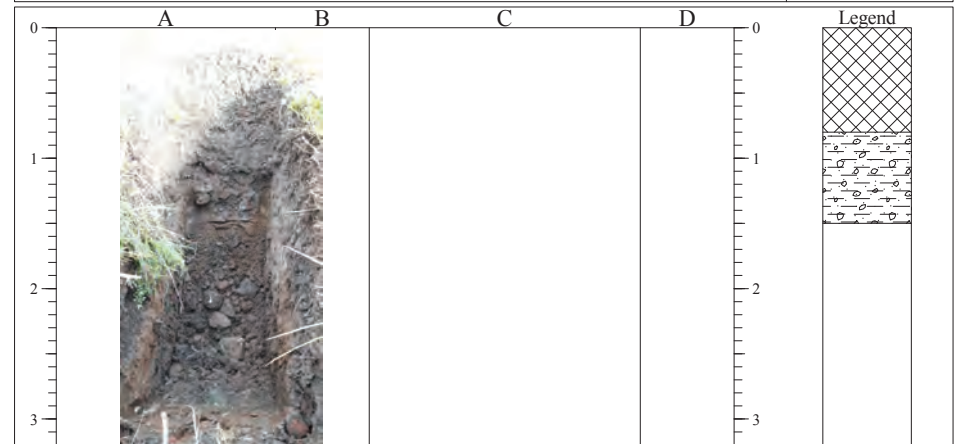
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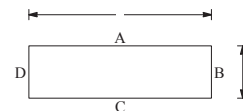
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP32
Job No 21-763	Date 26-10-21	Ground Level (m) 151.90	Co-Ordinates () E 393,294.3 N 415,689.3	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.80		Vegetation overlying greyish brown sandy gravelly clay with broken bricks (MADE GROUND)			
0.80-1.50		Stiff (high strength) orangish brown and grey slightly sandy slightly gravelly CLAY with pockets of firm very clayey sand (RESIDUAL SOIL)	1.00 1.00	B V	80kN/m ²
			1.50	V	100kN/m ²

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used Mechanically Excavated

Logged By
LJ

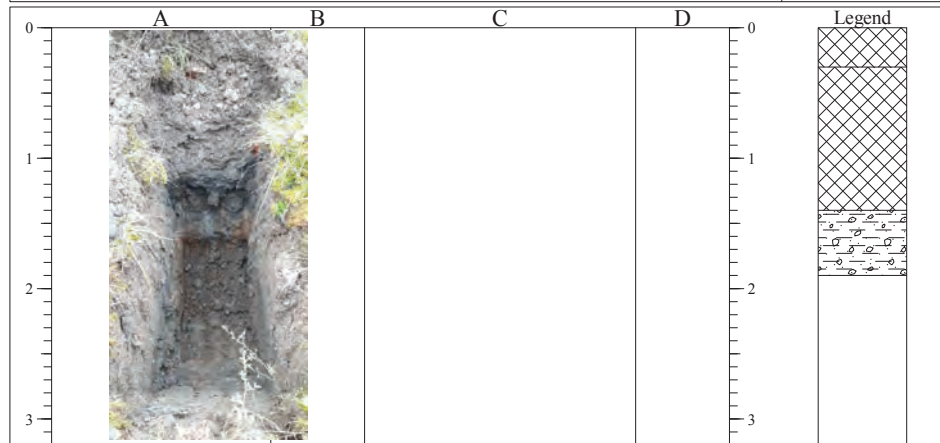
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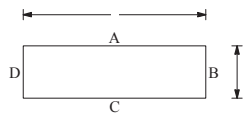
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP33
Job No 21-763	Date 26-10-21	Ground Level (m) 152.27	Co-Ordinates () E 393,260.1 N 415,672.9	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.30		Vegetation overlying greyish brown sandy gravelly clay with broken bricks (MADE GROUND)			
0.30-1.40		Dark grey sandy gravelly clay with broken sandstone and concrete blocks (MADE GROUND)			
1.40-1.90		Stiff (high strength) dark grey sandy gravelly CLAY with occasional cobbles of mudstone (RESIDUAL SOIL)	1.50	V	90kN/m ²
			1.80	B	

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and
stable on completion

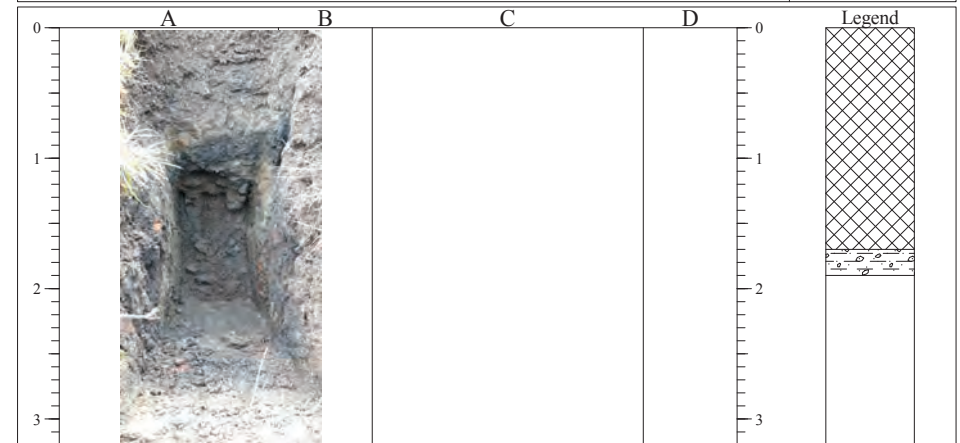
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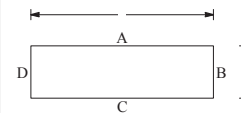
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP34
Job No 21-763	Date 26-10-21	Ground Level (m) 149.83	Co-Ordinates () E 393,251.8 N 415,694.8	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-1.70		Vegetation overlying greyish brown sandy gravelly clay with broken bricks (MADE GROUND)			
1.70-1.90		Stiff (high strength) dark grey sandy gravelly CLAY with occasional cobbles of mudstone (RESIDUAL SOIL)	1.80	B	92kN/m ²
			1.80	V	

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and
stable on completion

All dimensions in metres Scale 1:40	Client Vistry Partnerships Yorkshire	Method/ Plant Used Mechanically Excavated	Logged By LJ
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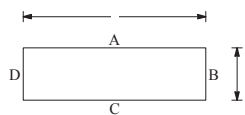
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP35
Job No 21-763	Date 26-10-21	Ground Level (m) 151.80	Co-Ordinates () E 393,194.4 N 415,670.1	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.50		Grass overlying demolition rubble of broken bricks and concrete intermixed with brown sandy clay (MADE GROUND)			
0.50-1.20		Greyish brown sandy gravelly clay with broken bricks (MADE GROUND)			
1.20-2.90		Black very sandy very clayey gravel with plastic pipe, timber and cable fragments and pockets of sand (MADE GROUND)			

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and
stable on completion

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used
Mechanically Excavated

Logged By
LJ

AGS3 UK TP LOGS 21-763.GPJ AGS3 ALL.GDT 8/11/21



Solum House, Unit 1 Elliott Court
St Johns Road, Meadowfield
Durham, DH7 8PN
Telephone: 01913786380

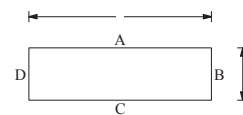
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP36
Job No 21-763	Date 27-10-21	Ground Level (m) 155.47	Co-Ordinates () E 393,206.1 N 415,633.4	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.35		Grass overlying demolition rubble of broken bricks and concrete intermixed with brown sandy clay (MADE GROUND)			
0.35-1.10		Greyish brown very sandy slightly clayey gravel with broken bricks and concrete (MADE GROUND)			
1.10-1.50		Dark grey sandy gravelly clay with broken bricks, sandstone cobbles and concrete (MADE GROUND)			
1.50-1.90		Firm yellowish brown and grey mottled very sandy slightly gravelly CLAY with occasional cobbles of sandstone (RESIDUAL SOIL)			
1.80		Becomes stiff (high strength) from c.1.80m	1.80 1.80	B V	100kN/m ²

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and
stable on completion

All dimensions in metres
Scale 1:40

Client
Vistry Partnerships
Yorkshire

Method/
Plant Used
Mechanically Excavated

Logged By
LJ

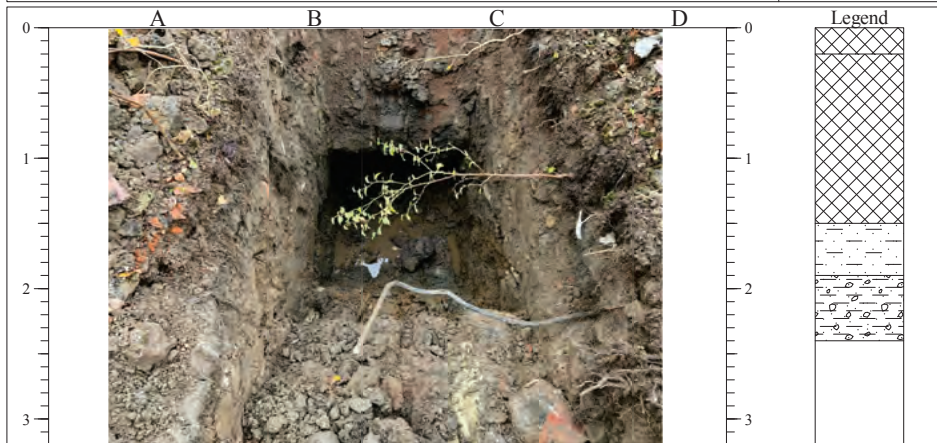
AGS3 UK TP LOGS 21-763.GPJ AGS3 ALL.GDT 8/11/21



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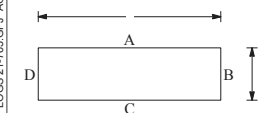
TRIAL PIT LOG

Project				TRIAL PIT No TP37
Hollingworth Gate, Littleborough				
Job No	Date	Ground Level (m)	Co-Ordinates ()	
21-763	26-10-21	156.34	E 393,232.1 N 415,615.1	
Contractor				Sheet
Arc Environmental Limited				1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.20		Vegetation overlying light brown sandy slightly clayey gravel intermixed with concrete, sandstone and cobbles. Geomembrane at base (MADE GROUND)			
0.20-1.50		Firm dark grey and brown sandy gravelly clay of sandstone and brick. Cobbles noted (MADE GROUND).			
1.50-1.90		Brown and grey slightly clayey gravelly SAND. Wet (RESIDUAL SOIL).			
1.90-2.40		Stiff (high strength) dark brown and grey very sandy very gravelly CLAY with occasional cobbles of sandstone (RESIDUAL SOIL).	2.00	V	114kN/m ²

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained stable
with slight ingress from
base of made ground

All dimensions in metres Scale 1:40	Client Vistry Partnerships Yorkshire	Method/ Plant Used Mechanically Excavated	Logged By MPB
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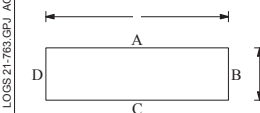
TRIAL PIT LOG

Project				TRIAL PIT No TP38
Hollingworth Gate, Littleborough				
Job No	Date	Ground Level (m)	Co-Ordinates ()	
21-763	26-10-21	157.02	E 393,251.8 N 415,608.6	
Contractor				Sheet
Arc Environmental Limited				1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.30		Vegetation overlying light brown sandy slightly clayey gravel intermixed with concrete, sandstone and cobbles. Geomembrane at base (MADE GROUND)			
0.30-1.20		Firm dark grey and brown sandy gravelly clay of sandstone and brick. Cobbles noted (MADE GROUND).			
1.20-1.70		Brown clayey silty SAND (RESIDUAL SOIL).			
1.70-2.40		Grey and brown sandy SILT (RESIDUAL SOIL).			

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and
stable on completion

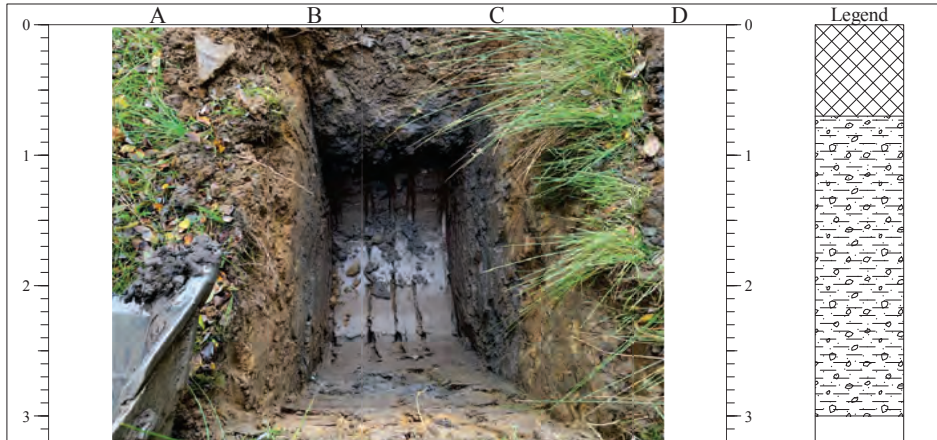
All dimensions in metres Scale 1:40	Client Vistry Partnerships Yorkshire	Method/ Plant Used Mechanically Excavated	Logged By MPB
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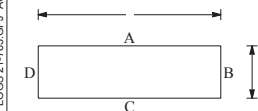
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP40
Job No 21-763	Date 26-10-21	Ground Level (m) 163.99	Co-Ordinates () E 393,275.9 N 415,571.8	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.70		Vegetation over firm brown and grey very sandy silty clay (MADE GROUND).			
0.70-3.00		Stiff (high strength) dark brown and grey silty slightly gravelly CLAY. Gravel is fine to coarse of sandstone (RESIDUAL SOIL).	1.00	V	102kN/m ²
			1.50	V	95kN/m ²
			2.00	V	100kN/m ²
2.50		Becoming firm (medium strength).	2.50	V	65kN/m ²
			3.00	V	58kN/m ²

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

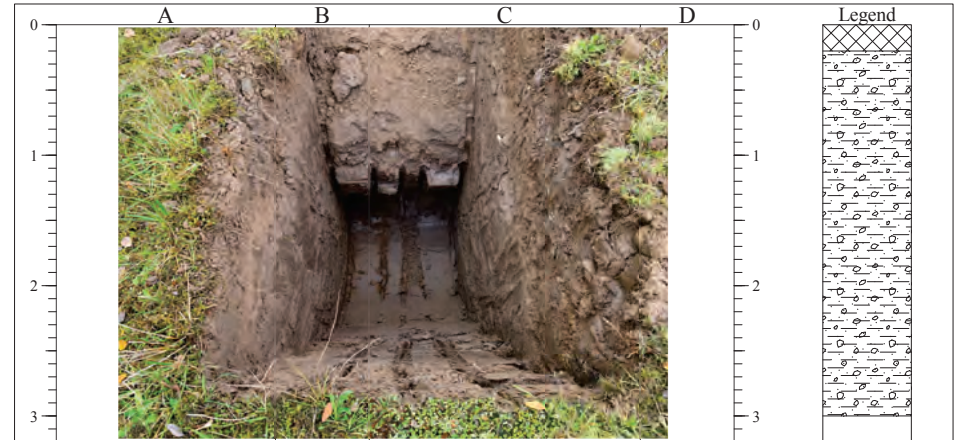
All dimensions in metres Scale 1:40	Client Vistry Partnerships Yorkshire	Method/ Plant Used Mechanically Excavated	Logged By MPB
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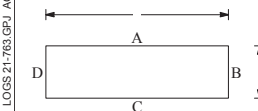
TRIAL PIT LOG

Project Hollingworth Gate, Littleborough				TRIAL PIT No TP41
Job No 21-763	Date 26-10-21	Ground Level (m) 161.04	Co-Ordinates () E 393,288.9 N 415,585.6	
Contractor Arc Environmental Limited				Sheet 1 of 1



STRATA			SAMPLES & TESTS		
Depth	No	DESCRIPTION	Depth	No	Remarks/Tests
0.00-0.20		Vegetation overlying light brown sandy slightly clayey gravel intermixed with concrete, sandstone and cobbles (MADE GROUND)			
0.20-3.00		Stiff (high strength) dark brown and grey silty slightly gravelly CLAY. Gravel is fine to coarse of sandstone (RESIDUAL SOIL).	0.50	V	85kN/m ²
			1.00	V	111kN/m ²
			1.50	V	107kN/m ²
2.20		Becoming firm (medium strength).	2.00	V	91kN/m ²
			2.50	V	65kN/m ²
			3.00	V	60kN/m ²

Shoring/Support:
Stability:



GENERAL
REMARKS

Trial pit remained dry and stable on completion

All dimensions in metres Scale 1:40	Client Vistry Partnerships Yorkshire	Method/ Plant Used Mechanically Excavated	Logged By MPB
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Site:	Littleborough
Ref:	21-763

[illegible]

Notes:

Detection limits - Methane = 0.0%, Carbon Dioxide = 0.0%, LEL = 0.0%, Oxygen = 0.0%, Flow = 0.1l/hr

Monitoring order is from **Left to Right** across table

Monitoring should be for **Not Less** than 3 minutes. However, if high concentrations of gasses initially recorded, monitoring should be for up to 10 minutes.

N/A = Not applicable

– Off the scale

Cf = PID compensation Factor (1-10) - Must be used to multiply the PID reading to give an accurate measure of the total hydrocarbons in the borehole when methane is present

Hex = Hexane (Valid and in range up to 2.000%) - Recorded when abnormally high methane is present.

PID = Photo Ionisation Detector (Calibrated to Isobutylene)

ARC
environmental

Site:	Littleborough
Ref:	21-763

[illegible]

Notes:

Detection limits - Methane = 0.0%, Carbon Dioxide = 0.0%, LEL = 0.0%, Oxygen = 0.0%, Flow = 0.1l/hr

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= Off the scale

Cf = PID compensation Factor (1-10) - Must be used to multiply the PID reading to give an accurate measure of the total hydrocarbons in the borehole when methane is present

Hex = Hexane (Valid and in range up to 2.000%) - Recorded when abnormally high methane is present.

PID = Photo Ionisation Detector (Calibrated to Isobutylene)