

190821EDRGEO Your ref: 13238

**Grid ref**: 350902 286575

# Natural ground subsidence - Landslides



#### 17.5 Landslides

Records within 50m 1

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on page 81

Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

This data is sourced from the British Geological Survey.

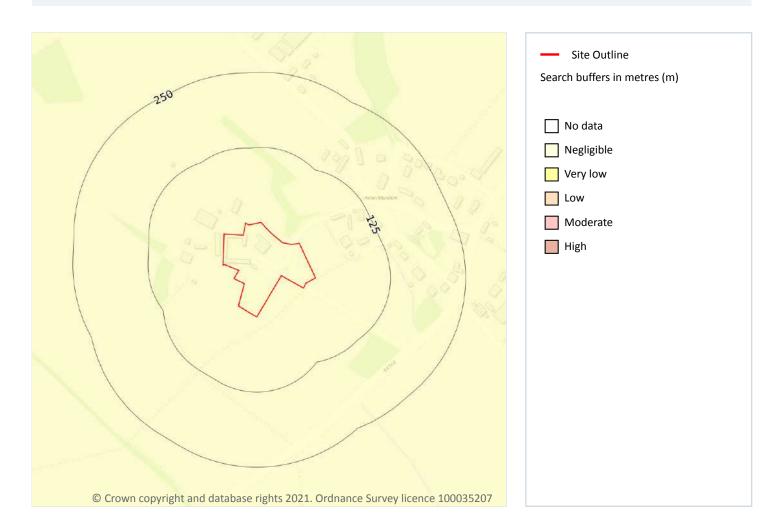




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Your ref: 13238 Grid ref: 350902 286575

# Natural ground subsidence - Ground dissolution of soluble rocks



### 17.6 Ground dissolution of soluble rocks

Records within 50m 1

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on page 82

Locati	on Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

This data is sourced from the British Geological Survey.

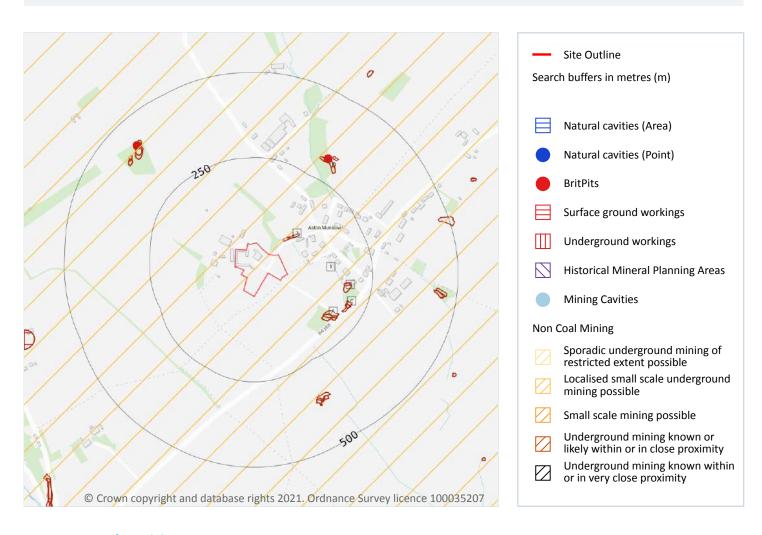




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# 18 Mining, ground workings and natural cavities



#### 18.1 Natural cavities

Records within 500m 0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.





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#### 18.2 BritPits

Records within 500m 2

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

Features are displayed on the Mining, ground workings and natural cavities map on page 83

ID	Location	Details	Description
D	316m NE	Name: Aston Munslow Address: Munslow, CHURCH STRETTON, Shropshire Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
F	419m NW	Name: Aston Munslow Address: Munslow, CHURCH STRETTON, Shropshire Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

## 18.3 Surface ground workings

Records within 250m 9

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining, ground workings and natural cavities map on page 83

2 43m N Pond 1883 1:10560	
A 158m SE Ponds 1883 1:10560	
A 161m SE Ponds 1949 1:10560	
A 161m SE Ponds 1901 1:10560	
B 169m E Pond 1949 1:10560	
B 169m E Pond 1901 1:10560	





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ID	Location	Land Use	Year of mapping	Mapping scale
С	191m SE	Ponds	1883	1:10560
С	192m SE	Pond	1949	1:10560
С	192m SE	Pond	1901	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

## **18.4 Underground workings**

Records within 1000m 0

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

This is data is sourced from Ordnance Survey/Groundsure.

## **18.5 Historical Mineral Planning Areas**

Records within 500m 0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

#### 18.6 Non-coal mining

#### Records within 1000m 2

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

Features are displayed on the Mining, ground workings and natural cavities map on page 83

ID	Location	Name	Commodity	Class	Likelihood
1	On site	Not available	Vein Mineral	В	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered





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ID	Location	Name	Commodity	Class	Likelihood
-	826m W	Not available	Vein Mineral	В	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered

This data is sourced from the British Geological Survey.

## **18.7 Mining cavities**

Records within 1000m 0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

## 18.8 JPB mining areas

Records on site 1

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

On site

Whilst outside of an area where The Coal Authority have information on coal mining activities, Johnson Poole & Bloomer (JPB) may have information such as mining plans and maps held within their archive that have occurred within 1km of this property. Please note, the plans held by JPB may also relate to non-mining records. Further details and a quote for services (if appropriate) can be obtained by emailing this report to enquiries.gs@jpb.co.uk.

This data is sourced from Johnson Poole and Bloomer.

## 18.9 Coal mining

Records on site 0

Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.





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#### 18.10 Brine areas

Records on site 0

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

## 18.11 Gypsum areas

Records on site 0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

## 18.12 Tin mining

Records on site 0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Mining Searches UK.

#### 18.13 Clay mining

Records on site 0

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).



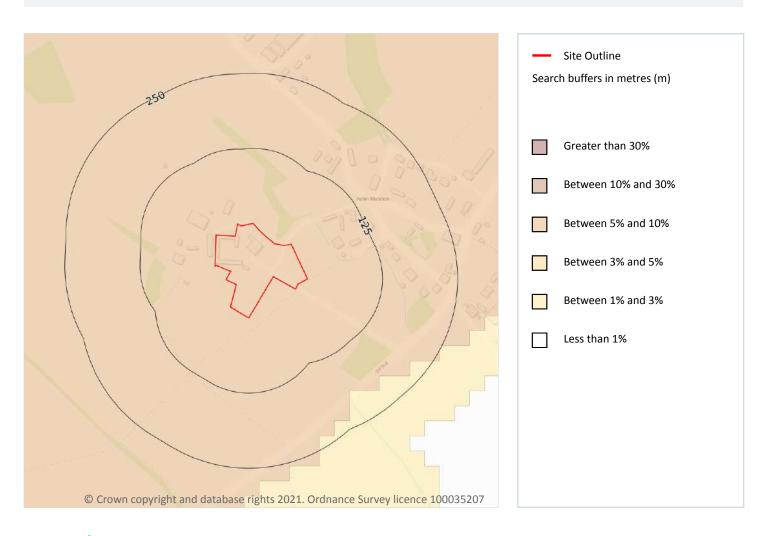
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## 19 Radon



#### **19.1** Radon

#### Records on site 1

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on page 88

Location	Estimated properties affected	Radon Protection Measures required
On site	Between 5% and 10%	Basic

This data is sourced from the British Geological Survey and Public Health England.





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## 20 Soil chemistry

## 20.1 BGS Estimated Background Soil Chemistry

Records within 50m

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel	
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg	
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg	
20m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg	

This data is sourced from the British Geological Survey.

## **20.2 BGS Estimated Urban Soil Chemistry**

Records within 50m 0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

This data is sourced from the British Geological Survey.

## 20.3 BGS Measured Urban Soil Chemistry

Records within 50m

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km<sup>2</sup>.

This data is sourced from the British Geological Survey.





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## 21 Railway infrastructure and projects

## 21.1 Underground railways (London)

Records within 250m 0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

### 21.2 Underground railways (Non-London)

Records within 250m 0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

## 21.3 Railway tunnels

Records within 250m

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

#### 21.4 Historical railway and tunnel features

Records within 250m 0

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

This data is sourced from Ordnance Survey/Groundsure.

## 21.5 Royal Mail tunnels

Records within 250m 0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.





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This data is sourced from Groundsure/the Postal Museum.

### 21.6 Historical railways

Records within 250m 0

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

This data is sourced from OpenStreetMap.

### 21.7 Railways

Records within 250m 0

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey and OpenStreetMap.

#### 21.8 Crossrail 1

Records within 500m 0

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

#### 21.9 Crossrail 2

Records within 500m 0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

#### 21.10 HS2

Records within 500m 0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 ltd.





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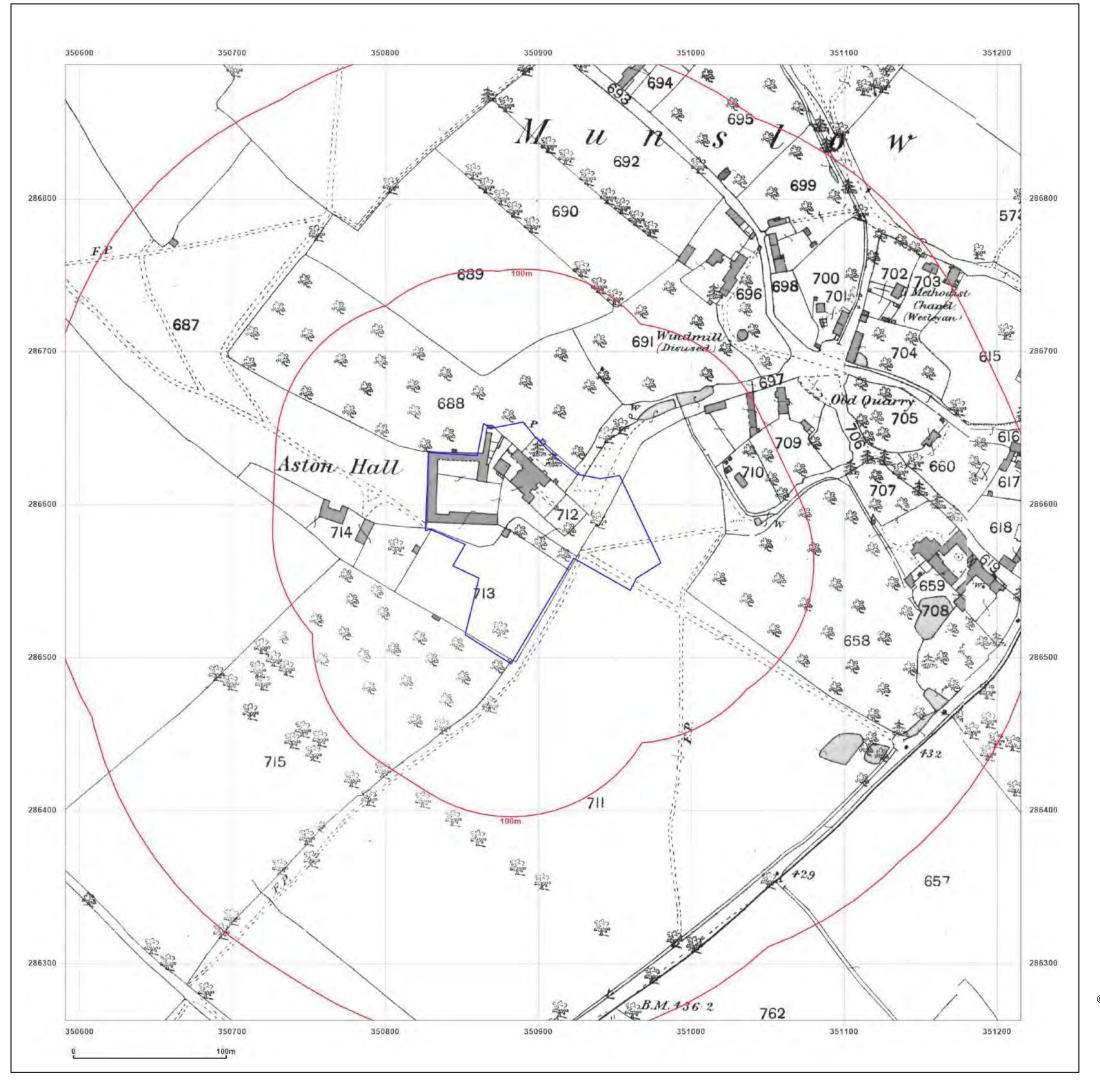
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9EF

Client Ref: 13238

**Report Ref:** CMAPS-CM-985025-13238-190821HIS

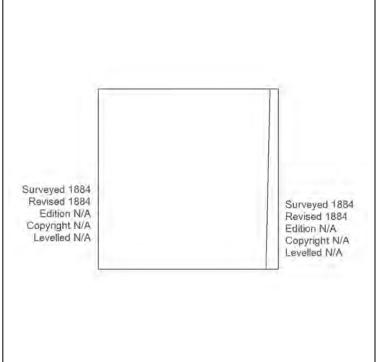
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Map date: 1884

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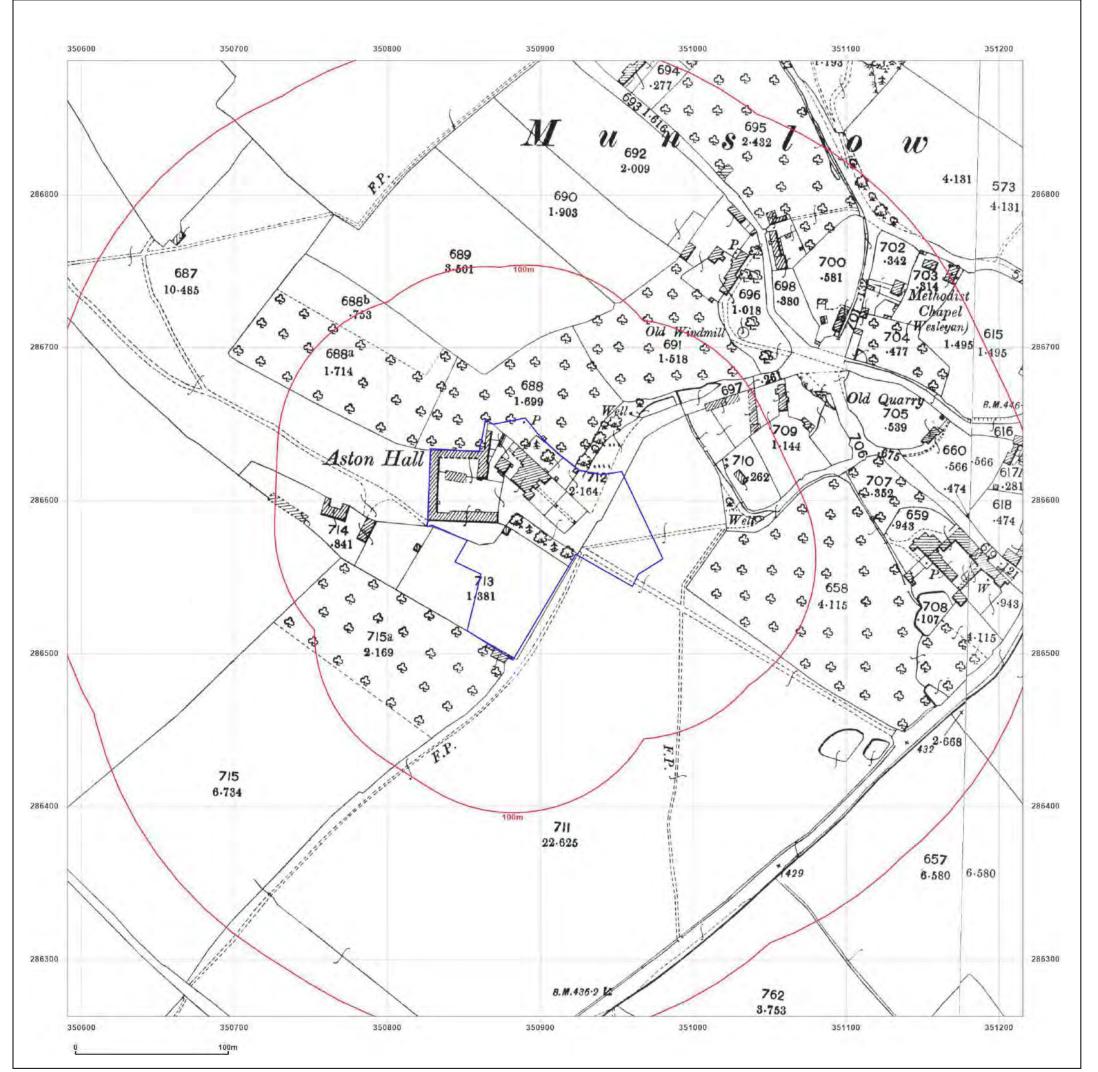


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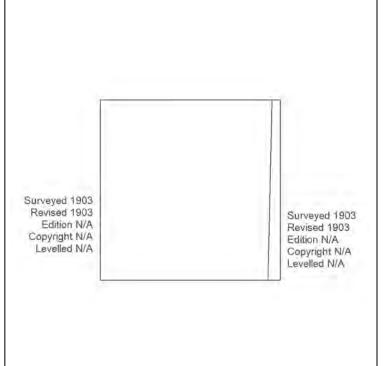
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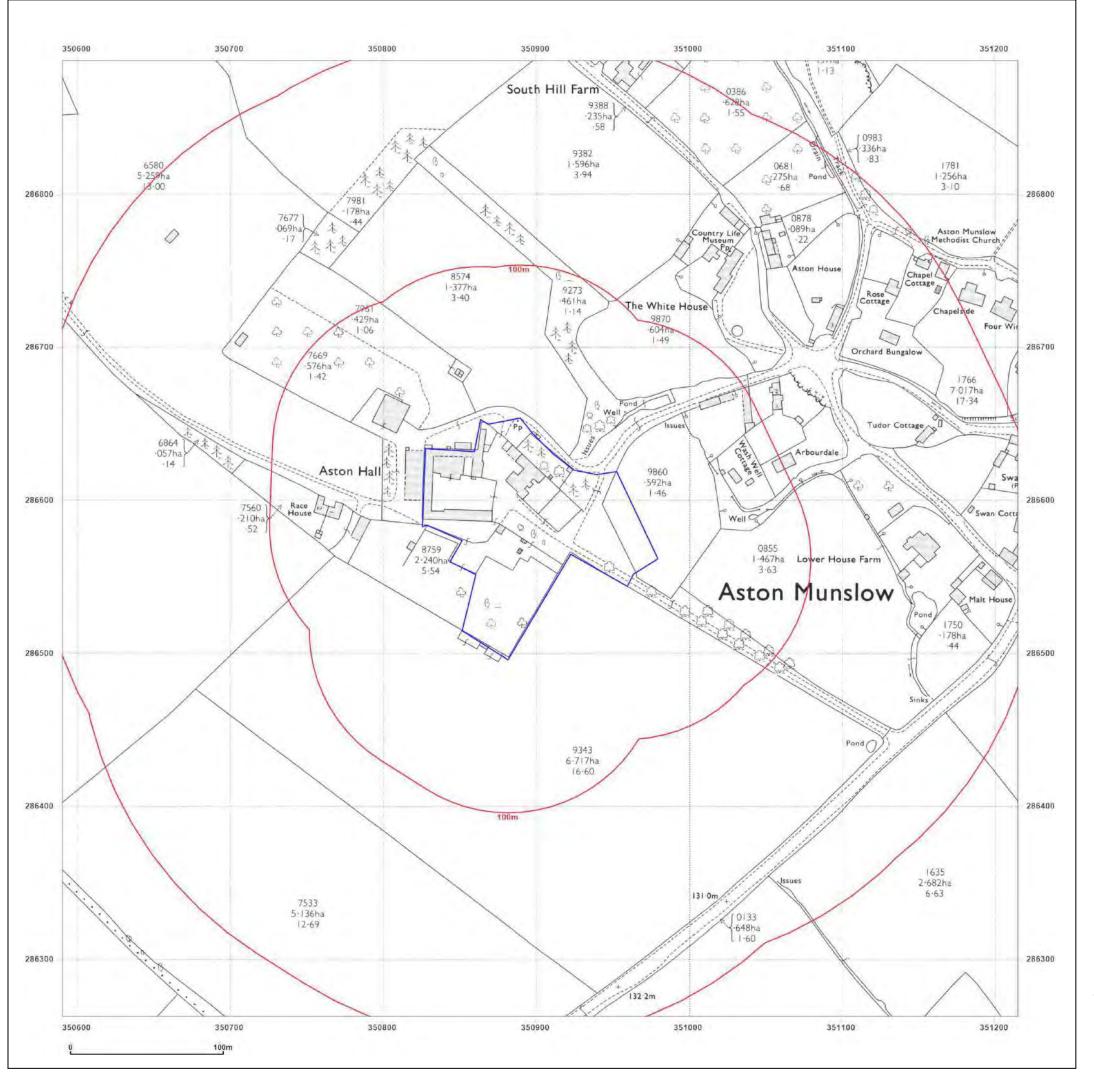


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Client Ref: 13238

**Report Ref:** CMAPS-CM-985025-13238-190821HIS

**Grid Ref:** 350903, 286575

Map Name: National Grid

Map date: 1972

**Scale:** 1:2,500

**Printed at:** 1:2,500

Surveyed N/A
Revised 1972
Edition N/A
Copyright 1973
Levelled 1971



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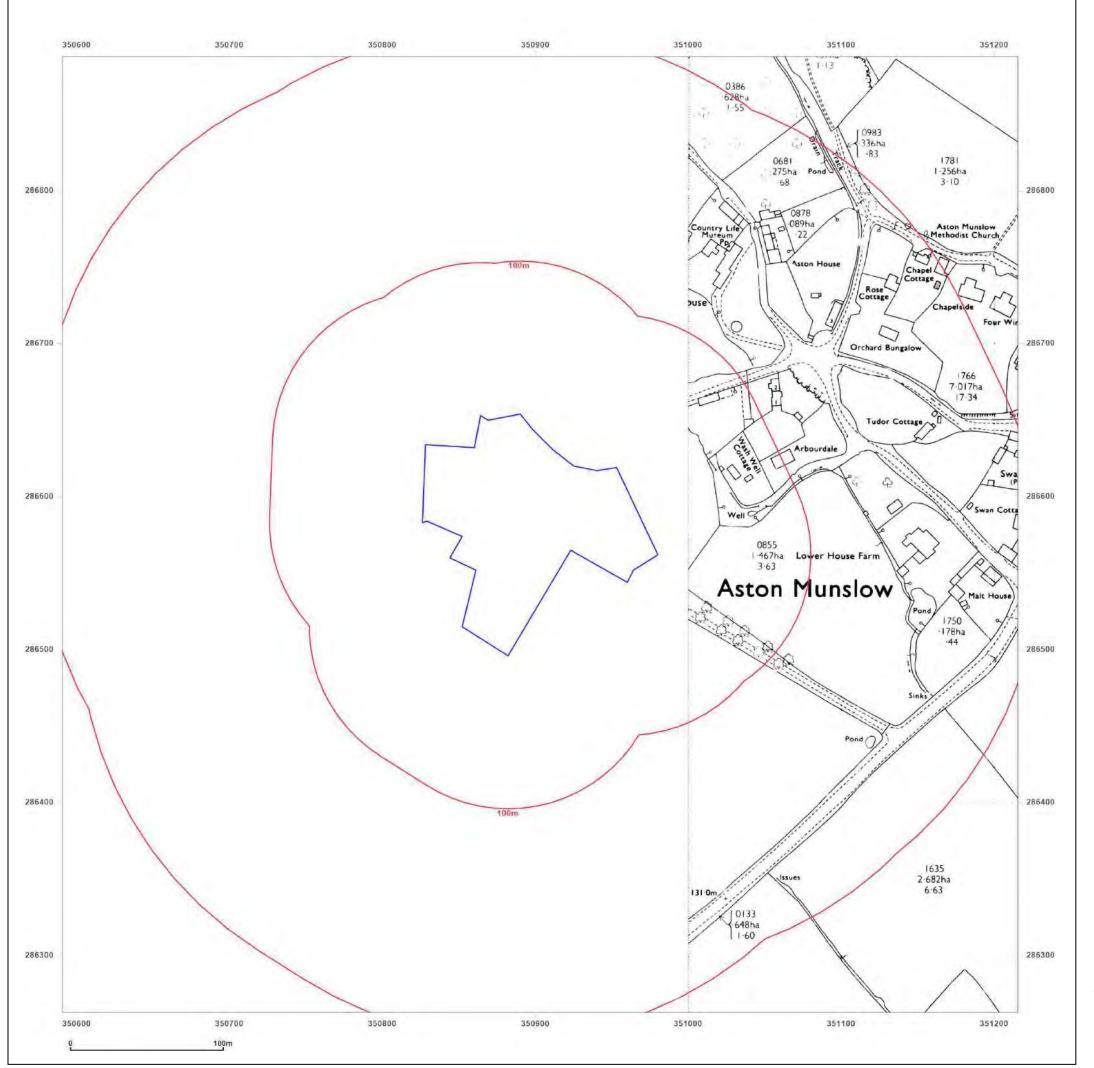


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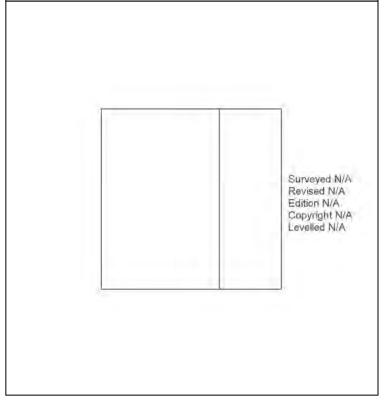
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Map Name: National Grid

Map date: 1973

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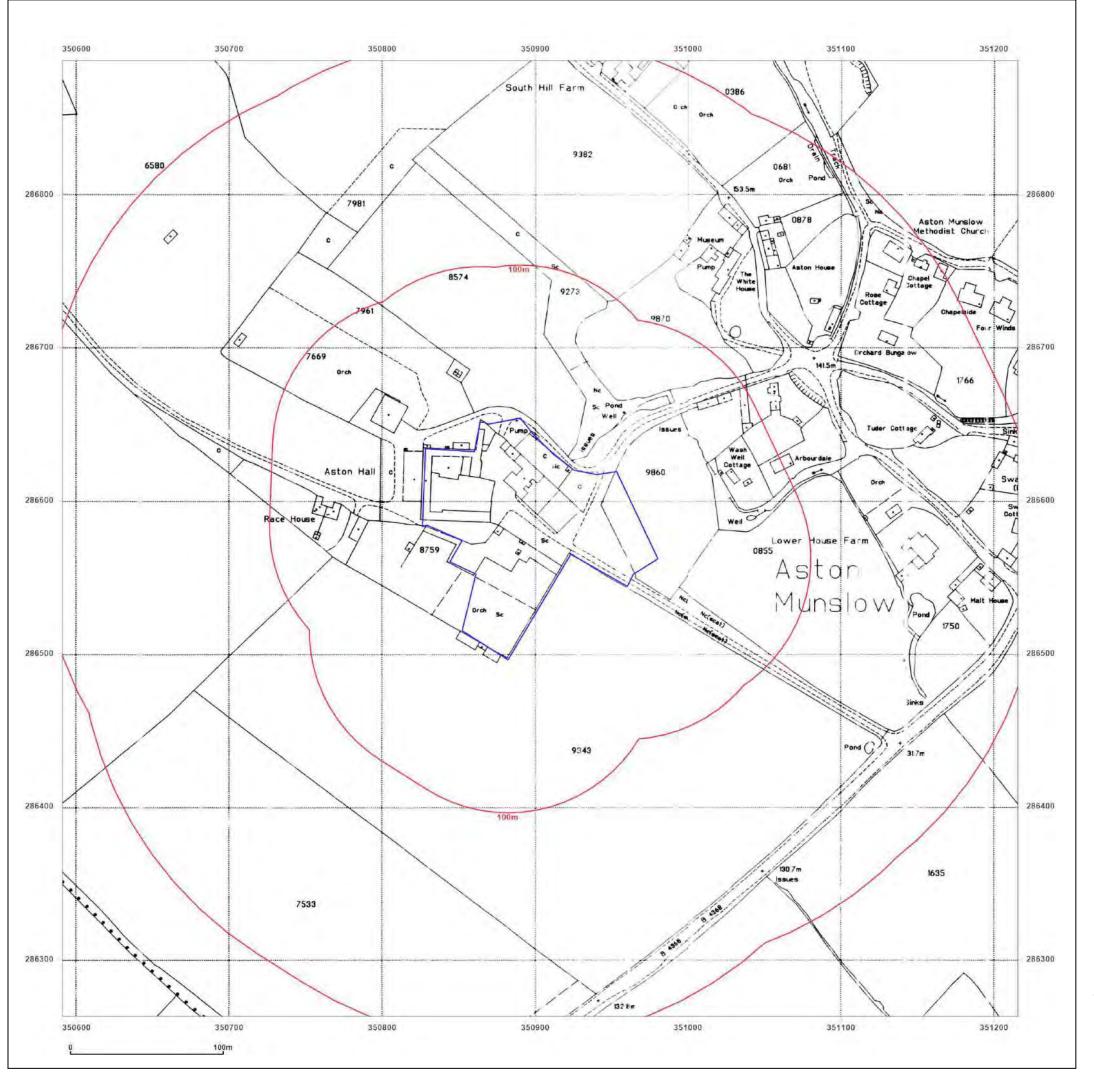


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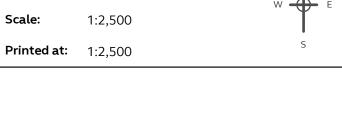
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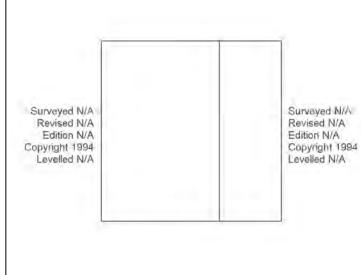
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Map Name: National Grid

Map date: 1994

Scale:







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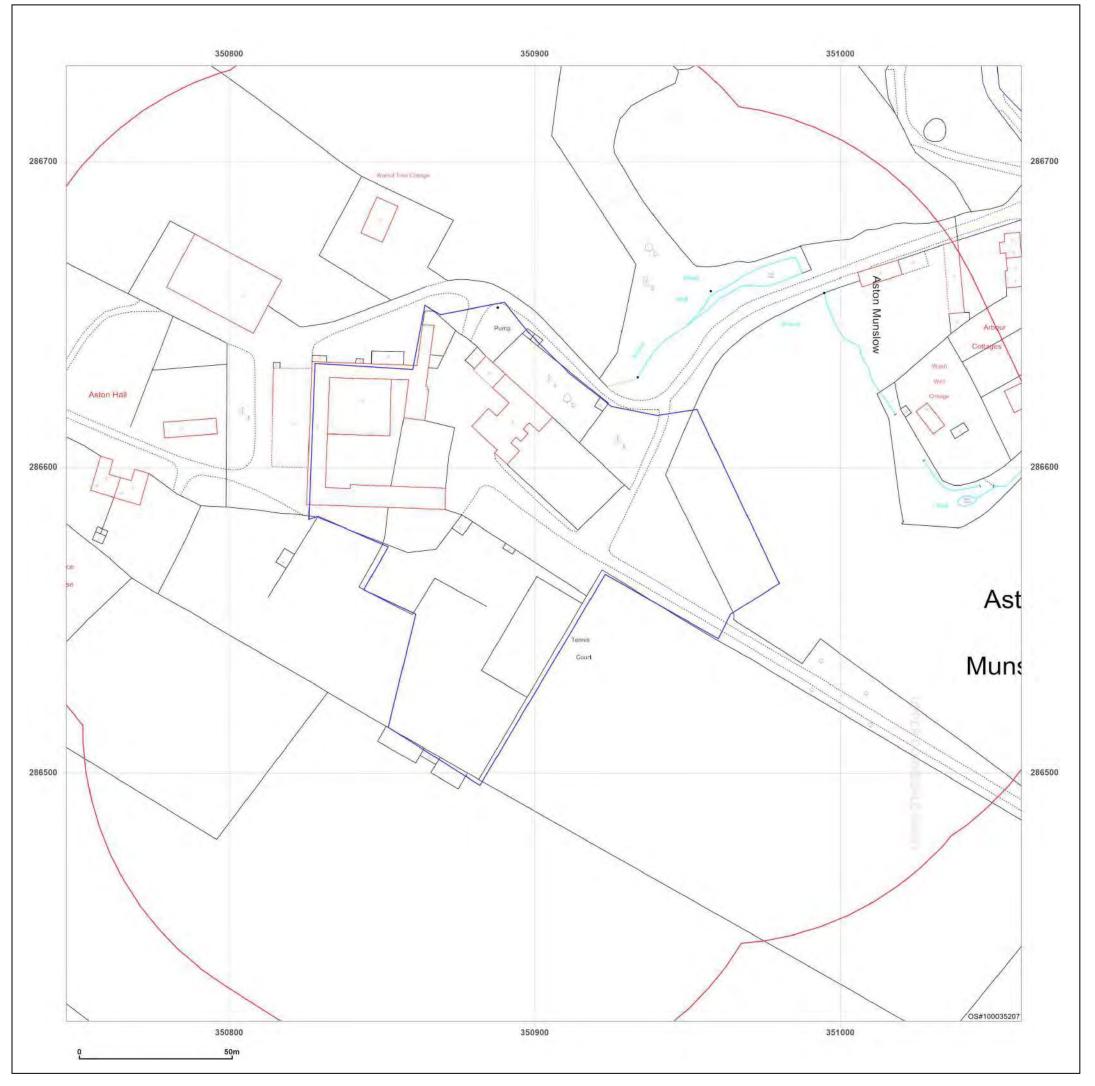


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Client Ref: 13238

**Report Ref:** CMAPS-CM-985025-13238-190821HIS

**Grid Ref:** 350903, 286575

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

**Printed at:** 1:1,250





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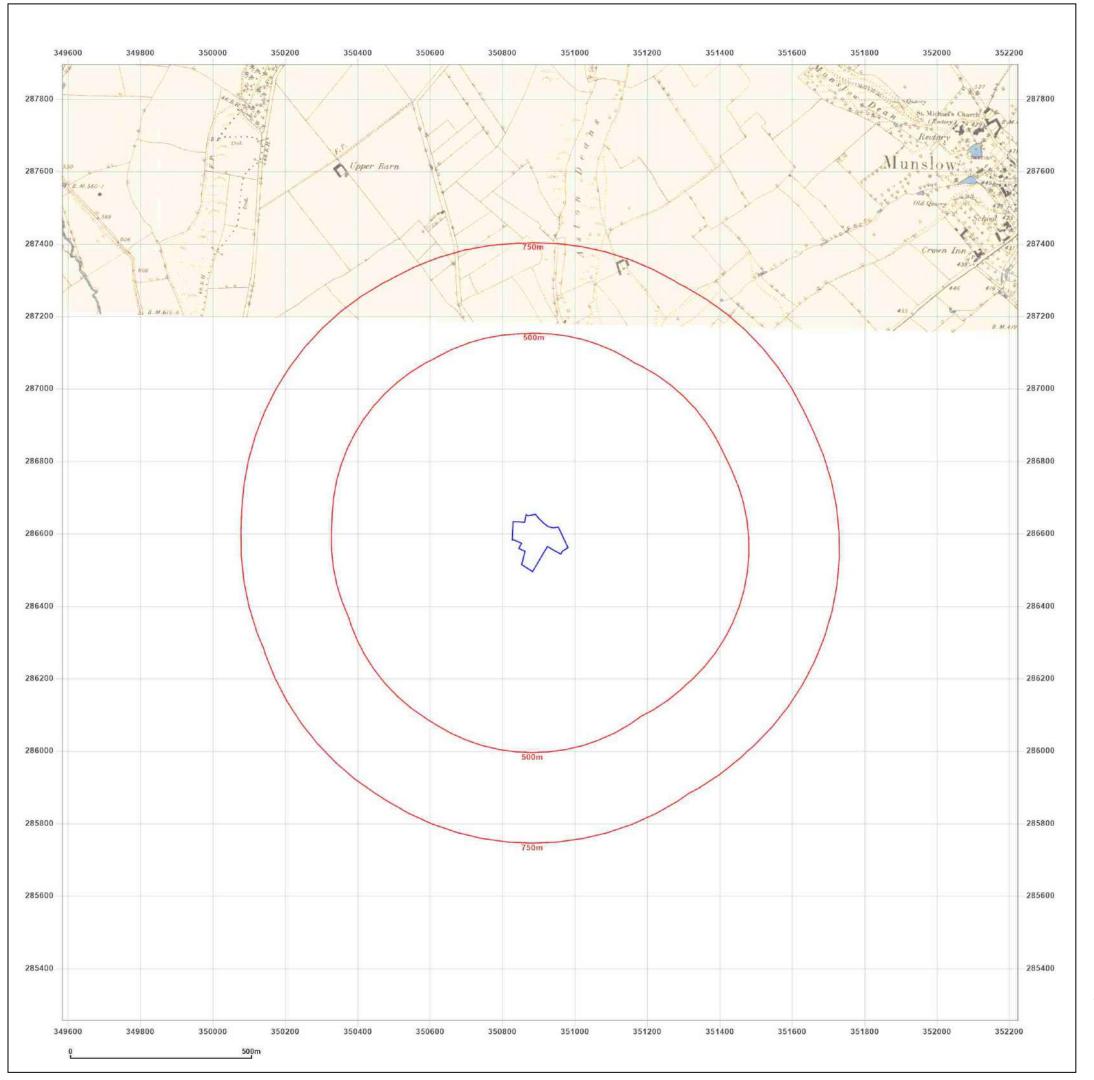


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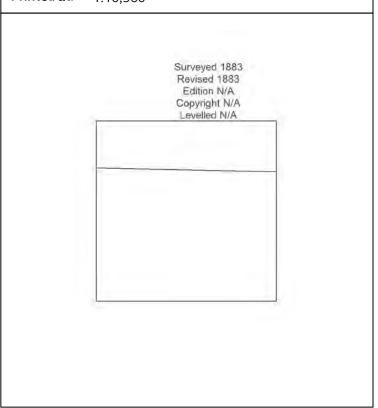
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**Map Name:** County Series

1883 Map date:

Scale: 1:10,560

**Printed at:** 1:10,560





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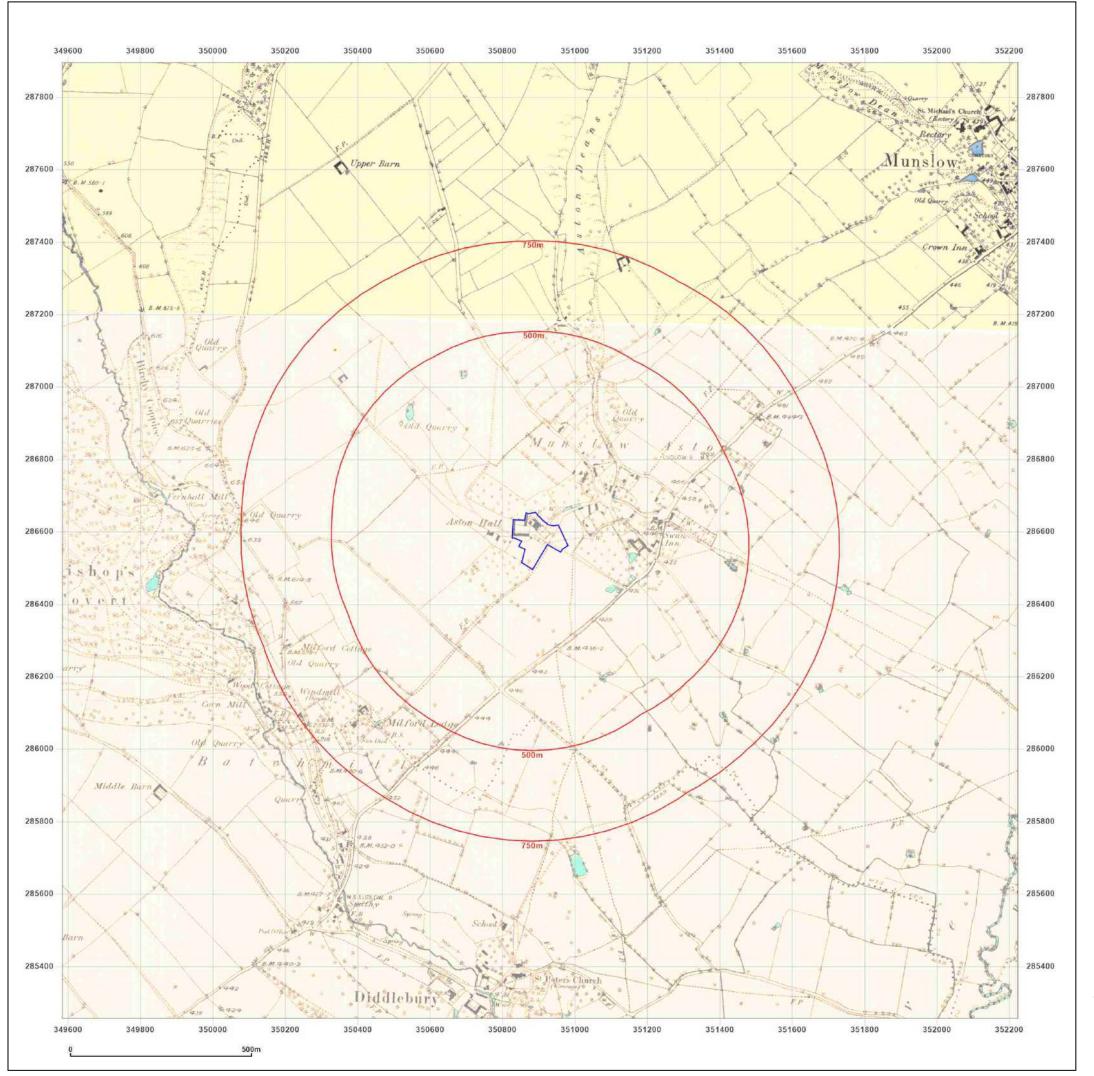


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**Report Ref:** CMAPS-CM-985025-13238-190821HIS

**Grid Ref:** 350903, 286575

**Map Name:** County Series

Map date: 1883-1884

**Scale:** 1:10,560

**Printed at:** 1:10,560

Surveyed 1883
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1883 Revised 1883 Edition N/A Copyright N/A Levelled N/A



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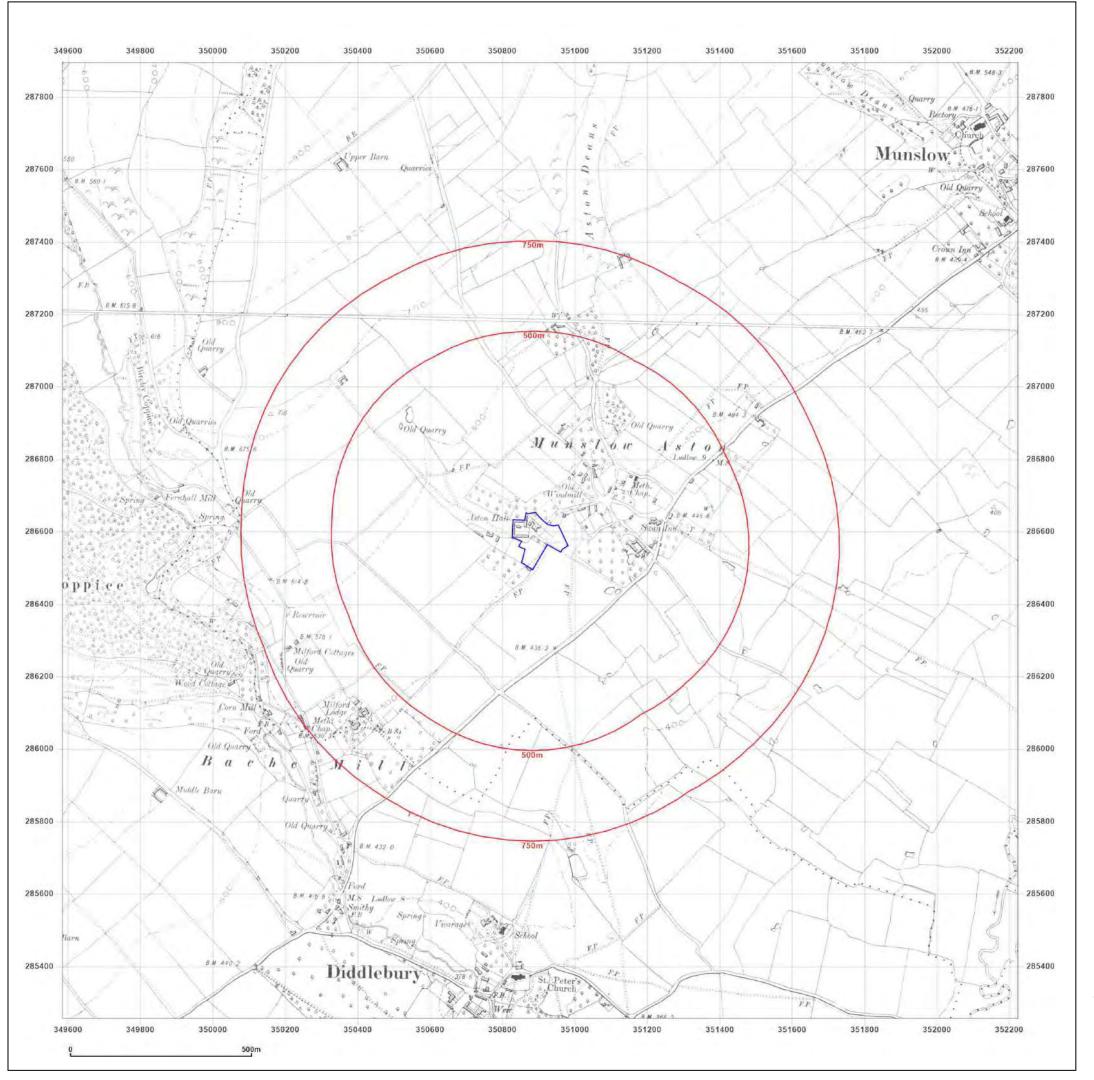


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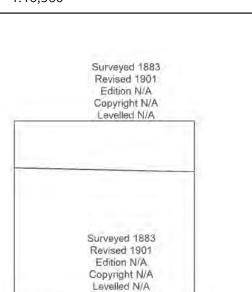
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Map Name: County Series

Map date: 1901

1:10,560 Scale:

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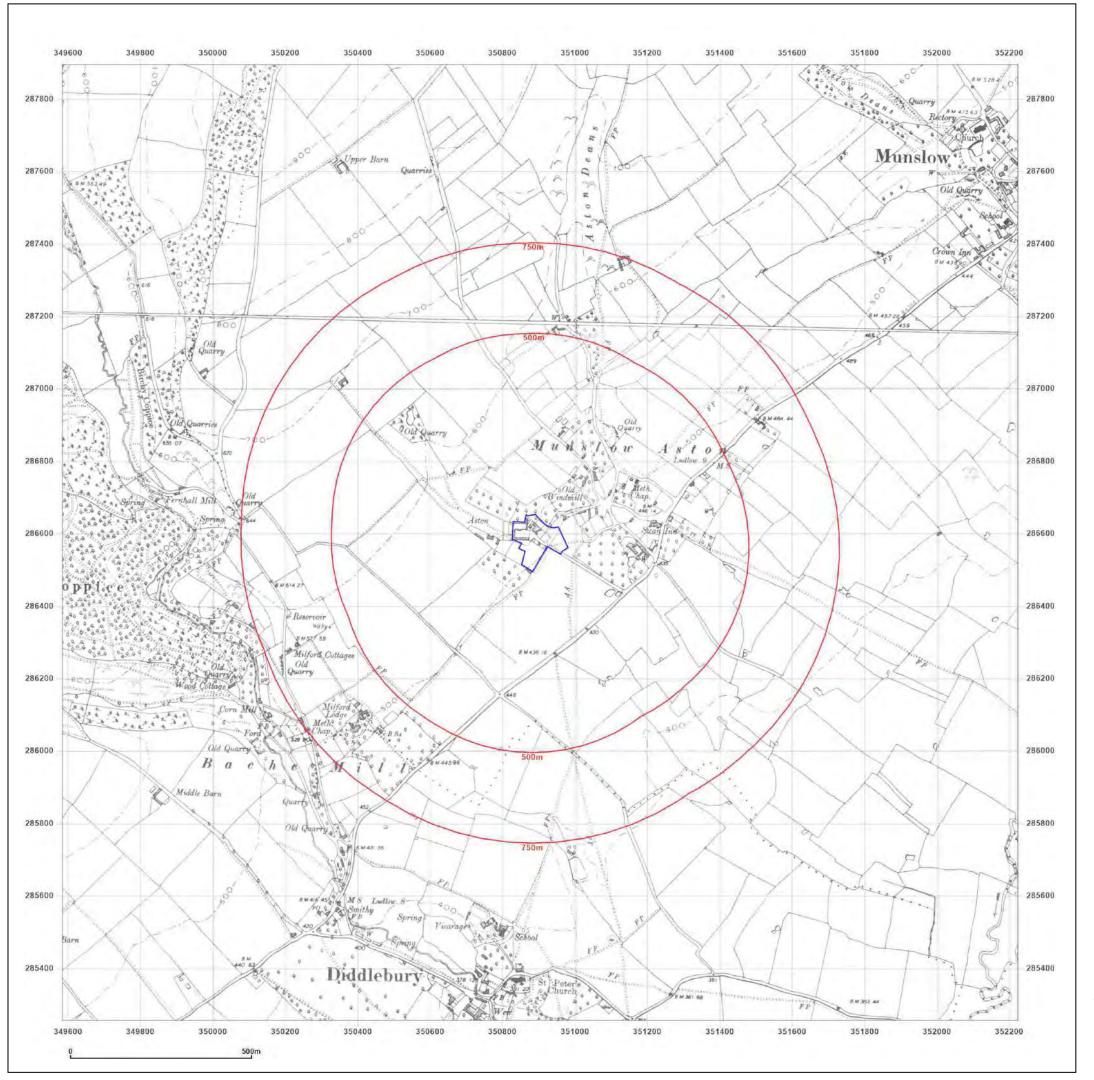


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**Report Ref:** CMAPS-CM-985025-13238-190821HIS

Grid Ref: 350903, 286575

Map Name: County Series

Map date: 1949

1:10,560 Scale:

**Printed at:** 1:10,560

Surveyed 1883 Revised 1949 Edition N/A Copyright N/A Levelled N/A Surveyed 1883 Revised 1949 Edition N/A Copyright N/A Levelled N/A



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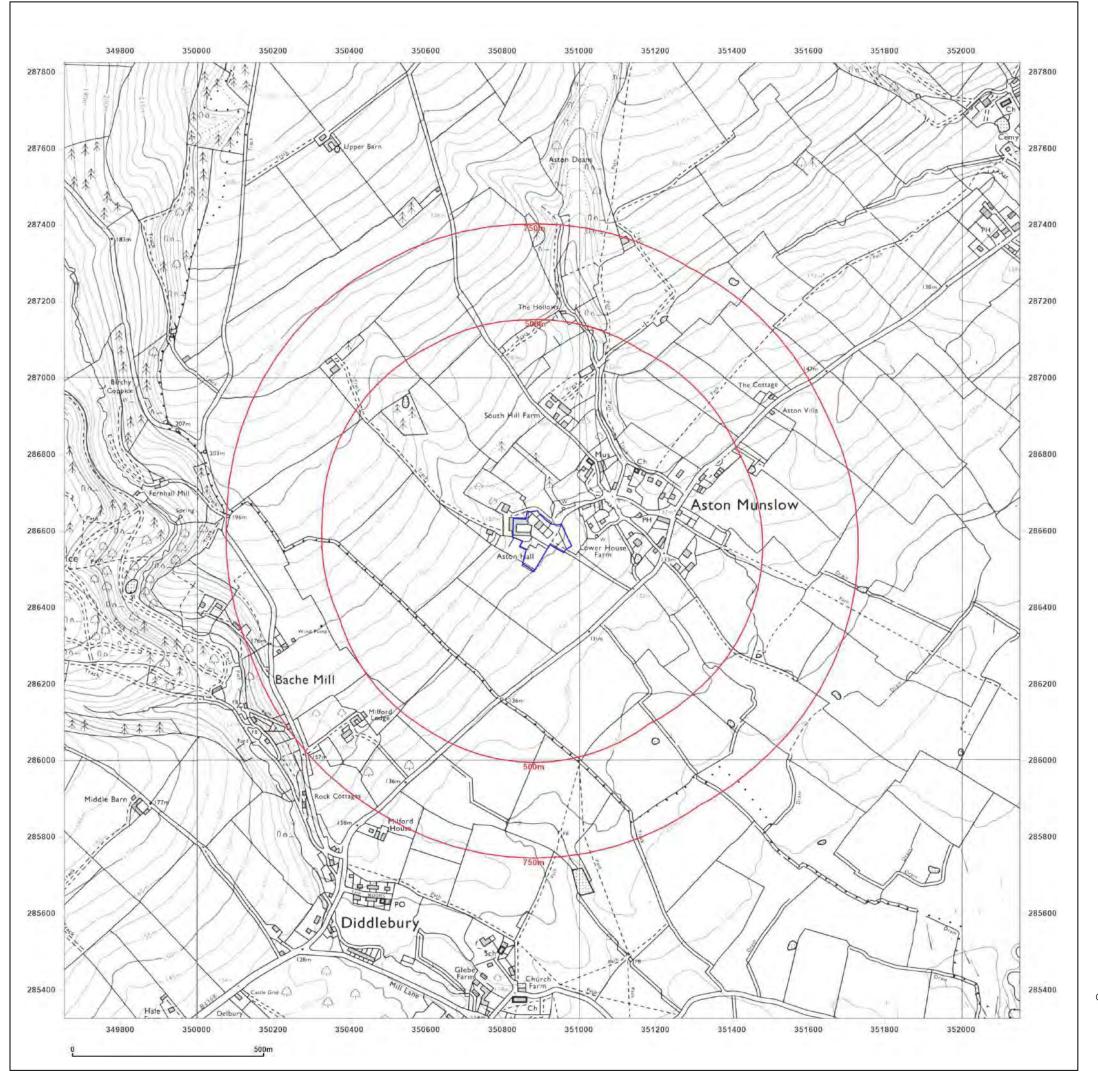


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**Report Ref:** CMAPS-CM-985025-13238-190821HIS

**Grid Ref:** 350903, 286575

Map Name: National Grid

Map date: 1978-1980

**Scale:** 1:10,000

**Printed at:** 1:10,000

Surveyed 1974
Revised 1980
Edition N/A
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Levelled 1973

Surveyed 1972
Revised 1977
Edition N/A
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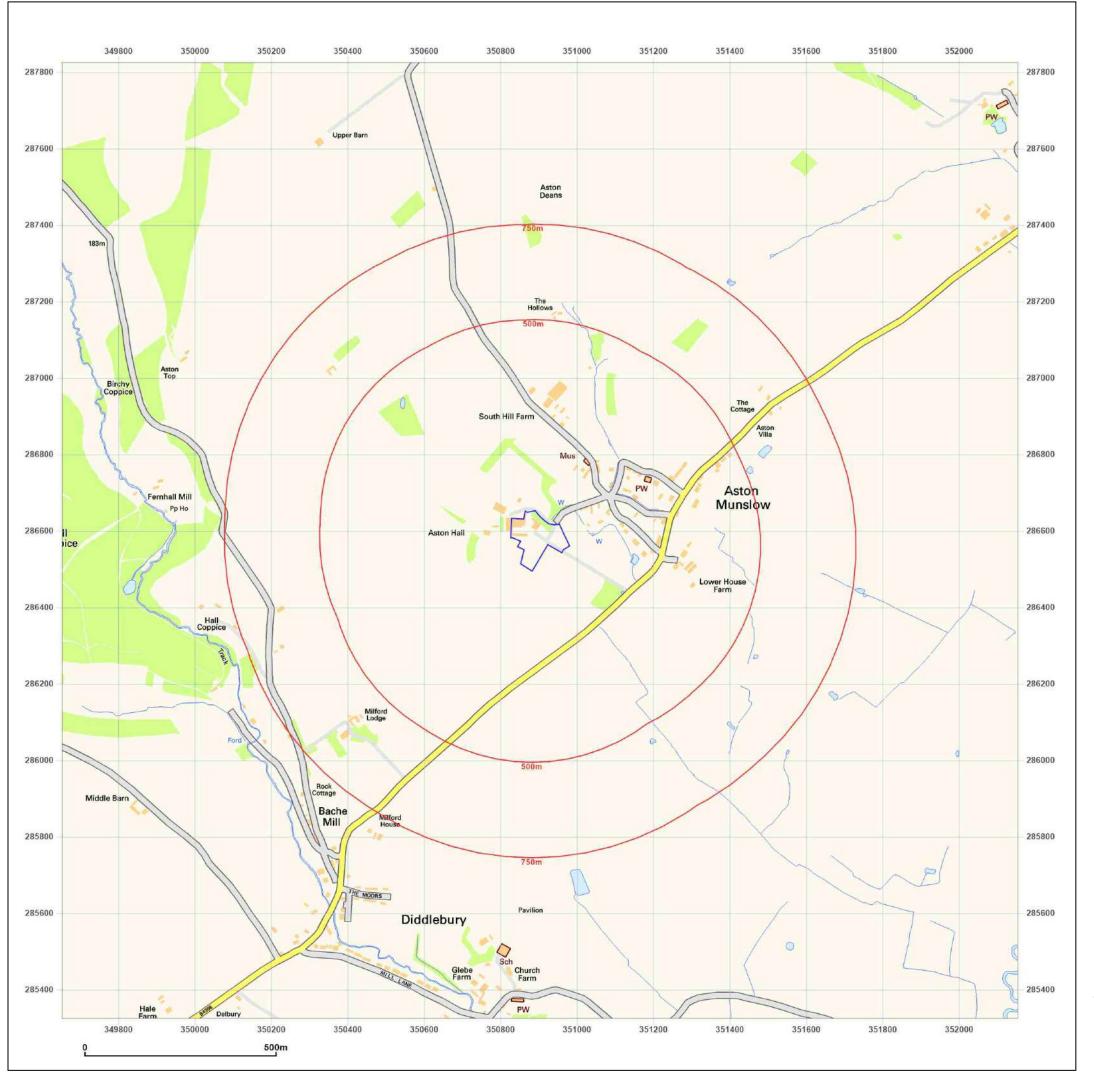


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Map Name: National Grid

Map date: 2001

**Scale:** 1:10,000

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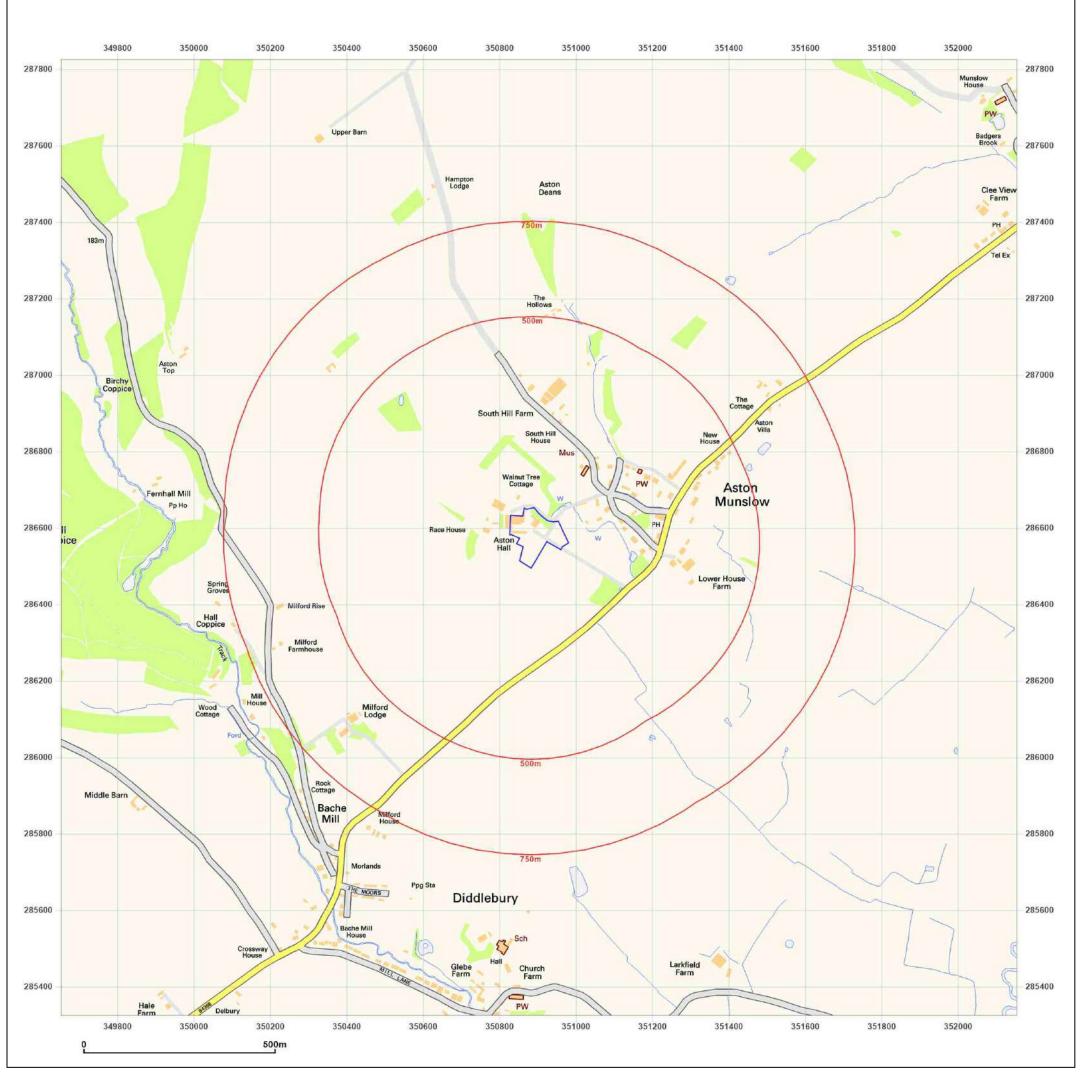


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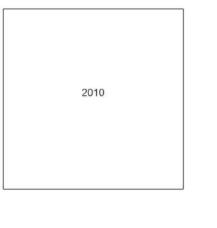
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Map Name: National Grid

Map date: 2010

**Scale:** 1:10,000

**Printed at:** 1:10,000





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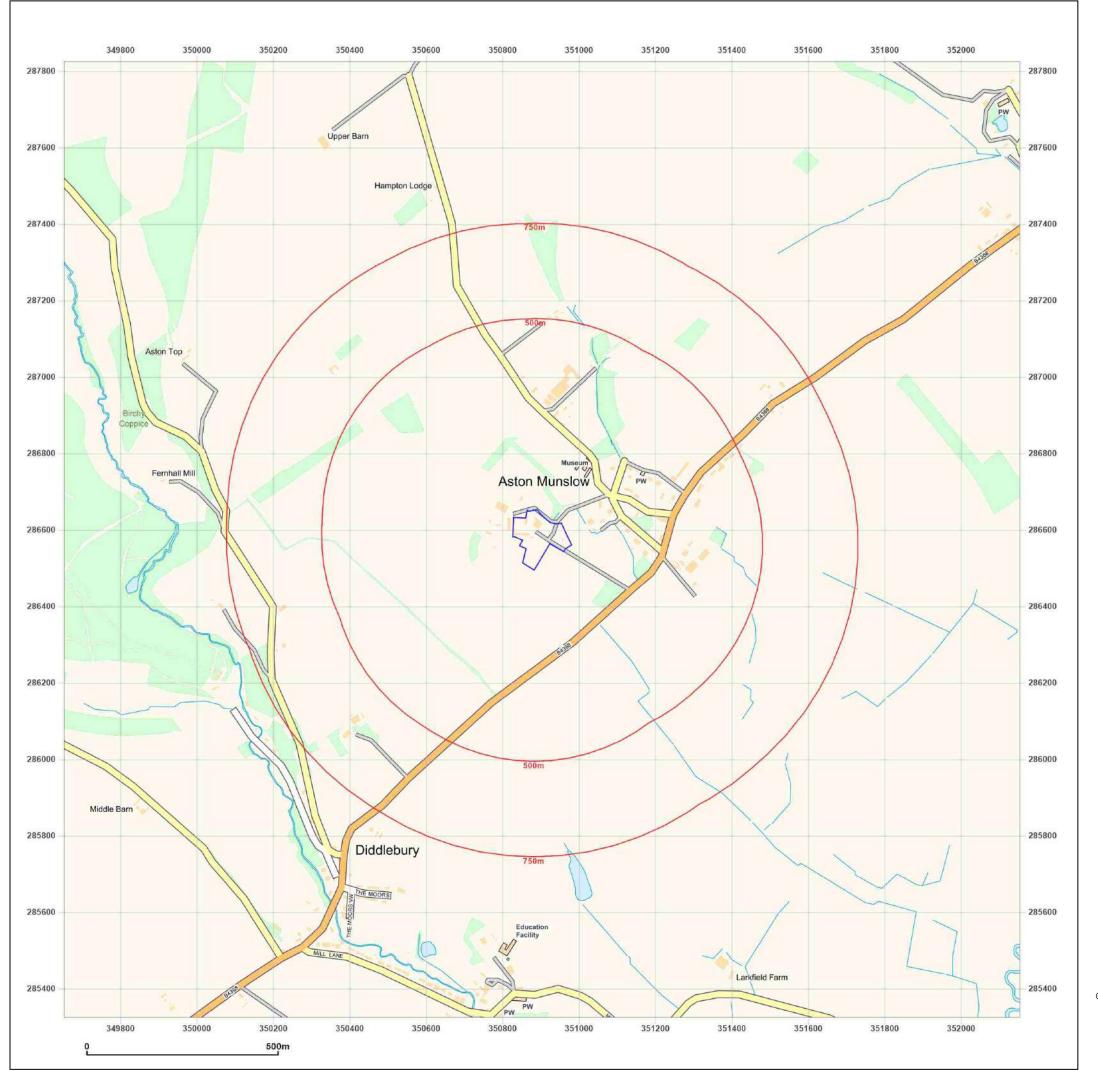


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Scale:

Client Ref: 13238

**Report Ref:** CMAPS-CM-985025-13238-190821HIS

Grid Ref: 350903, 286575

Map Name: National Grid

Map date: 2021

1:10,000

**Printed at:** 1:10,000

2021



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Production date: 19 August 2021

Map legend available at:



Appendix D

Trial Pit Logs & Sketches



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#### STANDARD METHODOLOGY FOR MECHANICAL TRIAL PITTING

Trial pits are mechanically excavated using a wheeled or tracked backhoe or mini-excavator, typically fitted with toothed buckets. The trial pit locations are selected using information on the proposed redevelopment, existing buried services and structures, ongoing site use, reinstatement requirements and time constraints. Those positions are shown on Figure I and the trial pit records included as a separate appendix.

Trial pitting was directed and supervised full-time by an experienced engineering geologist who carried out insitu testing, kept a record of the strata encountered, noted the pit side stability and ease of digging, any water ingresses, took photographs and recovered representative disturbed samples.

Insitu testing comprised hand shear vane measurement in appropriate cohesive strata to provide a direct reading of insitu undrained shear strength. Tests were completed from within the pit to depths of approximately 1.2m below ground level and within excavated spoil below this. The hand shear vane is inserted into cohesive soil and rotated at an even speed equivalent to one rotation per 60 seconds. Three tests are typically taken and the average result used as the undrained shear strength in kN/m².

Mexicone penetrometer testing was undertaken either from ground level or at shallow depth within trial pits and the test results are included in the trial pit records. The mexicone penetrometer is a simple, hand-held device which gives a direct read out of equivalent CBR strength, on a cylindrical gauge. Readings are recorded for each 75mm penetration and where suitable soils are present, successive readings up to 0.6m total penetration can be achieved. However, the test can abort on coarse granular soils or other obstructions and in this case the term 'refusal' is given in the test records.

On completion the pits were backfilled with their spoil, compacted with the excavator bucket and the surplus left mounded to allow for subsequent consolidation settlement. If specific reinstatement has been requested by the client, this is confirmed in the main text of this report.

The trial pit records have been prepared using Gint software, taking into account both site descriptions and subsequent laboratory testing.



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#### STANDARD METHODOLOGY FOR HAND EXCAVATED TRIAL PITS

Trial pits are manually excavated using hand tools with assistance from a mechanical excavator where possible. The trial pit locations are selected using information on the proposed redevelopment, existing buried services and structures, ongoing site use, reinstatement requirements and time constraints. Those positions are shown on Figure I and the trial pit records included as a separate appendix. Where necessary, details of exposed foundations are annotated on a measured sketch section appended to the trial pit records.

Trial pitting was directed and supervised full-time by an experienced engineering geologist who carried out testing, kept a record of the strata encountered, noted the pit side stability and ease of digging, any water ingresses, took photographs and recovered representative disturbed samples.

Testing comprised hand shear vane measurement in appropriate cohesive strata to provide a direct reading of insitu undrained shear strength. Tests were completed on recovered samples from the pit to depths of up to approximately 1.0m below ground level. The hand shear vane is inserted into cohesive soil and rotated at an even speed equivalent to one rotation per 60 seconds. Three tests are typically taken and the average result used as the undrained shear strength in kN/m². If the material is suitable, the soil strength is examined using a pocket penetrometer.

Mexicone penetrometer testing was undertaken either from ground level or at shallow depth within trial pits and the test results are included in the trial pit records. The mexicone penetrometer is a simple, hand-held device which gives a direct read out of equivalent CBR strength, on a cylindrical gauge. Readings are recorded for each 75mm penetration and where suitable soils are present, successive readings up to 0.6m total penetration can be achieved. However, the test can abort on coarse granular soils or other obstructions and in this case the term 'refusal' is given in the test records.

On completion the pits were backfilled with their spoil, compacted by hand and the surplus left mounded to allow for subsequent consolidation settlement. If specific reinstatement has been requested by the client, this is confirmed in the main text of this report.

The trial pit records have been prepared using Gint software, taking into account both site descriptions and subsequent laboratory testing.



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## **EXPLORATORY HOLE EXPLANATION SHEET**

	SAMPLES AND TESTS										
BLK C	Amalgamated sample Bulk disturbed sample Block sample Core sample CBR mould sample Small disturbed sample Environmental sample Environmental water sample Gas sample	LB M SPTLS TW U UT	Jar sample Large bulk disturbed samp Mazier type sample Standard penetration samp Thin-walled push in sampl Undisturbed sample - ope Thin wall open drive tube Water sample	ole HSV F MEX N ple PID F e n drive	Hand-held shear vane test Hand-held shear vane test Mexicone penetrometer test Photoionization detector (gas)						
	SOILS		<b>SEDIMENTARY</b>		<u>IGNEOUS</u>						
	Topsoil		Chalk	+++++	Coarse Grained Igneous						
	Concrete		Limestone	++++	Medium Grained Igneous						
	Made Ground (Fill)		Conglomerate		Fine Grained Igneous						
য়াহ এছ এছ এই এই এই	Peat		Breccia								
	Clay		Sandstone		<u>METAMORPHIC</u>						
$\times \times $	Silt	×××××× ××××××	Siltstone		Coarse Grained Metamorphic						
	Sand		Mudstone		Medium Grained Metamorphic						
, , , , , , , , , , , , , , , , , , , ,	Gravel		Shale		Fine Grained Metamorphic						
0 0 0 0	Cobbles		Coal	.હ							
0	Boulders		Pyroclastic (Volcanic As	sh)	STALLATIONS న						
	nposite soil types will be	$\left\langle \Diamond_{-}^{\vee})$	Gypsum, Rocksalt, etc.	sh)  Upstanting cover	STALLATIONS FILEST CONES						
signified b	y combined soil types e.g. Silty Sand		Void/Broken Ground		Concrete						
	WATER SYMBOL	<u>.S</u>		Plain Pipe	Bentonite Pipe						
	Water Level (after 20	) minutes)		Slotted Pipe	Sand Filter						
	Water Strike			Pipe	Gravel Filter						
					Arisings						
					Grout						

Intégrale					Tui al Dit I a su				
	11 116	I die		Trial Pit Log					
	Understand	ling Grou	and Conditions					Sheet 1 of 1	
Project Name:	Aston Hall	Barns,	Aston Munslow	Projec 21035			Co-ords: - Level: 158.18	Date 06/07/2021	
Location:	Aston Hall	Aston	Munslow, Shropshire				Dimensions 0.44	Scale	
				, O 1 7 O L			(m): 7:	1:15 Logged	
Client:	Mr. & Mrs. D. Cleevely				I		0.56	JB	
Water Strike			Depth (m)	Level (m)	Legend	Stratum Description			
≥ ₹2	Depth	Туре	Results	(111)	(111)		Grass over TOPSOIL: (Comprising loosely of	compact	
•	0.15	ES		0.14 0.27 0.56	158.04 157.91 157.62		brown slightly sandy slightly gravelly Silt wit extraneous material and abundant fine fibro throughout. Sand is fine to coarse. Gravel is subrounded fine to medium of brick, quartzi siltstone.)  MADE GROUND: (Comprising moderately of brown slightly sandy gravelly Silt with low coand occasional fine roots throughout. Sand coarse. Gravel is angular fine to coarse of beand charcoal.)  Dense olive green grey angular tabular COB siltstone with little sandy silt. Sand is fine to (WEATHERED UPPER LUDLOW SHALES).  End of pit at 0.56 m	sompact bbble content s fine to rick, siltstone BBLES of medium.	
								2 -	
Remarks:	Hand ex	cavated	epage at c.0.45m dept njunction with Trial Pit		P01.			3 -	

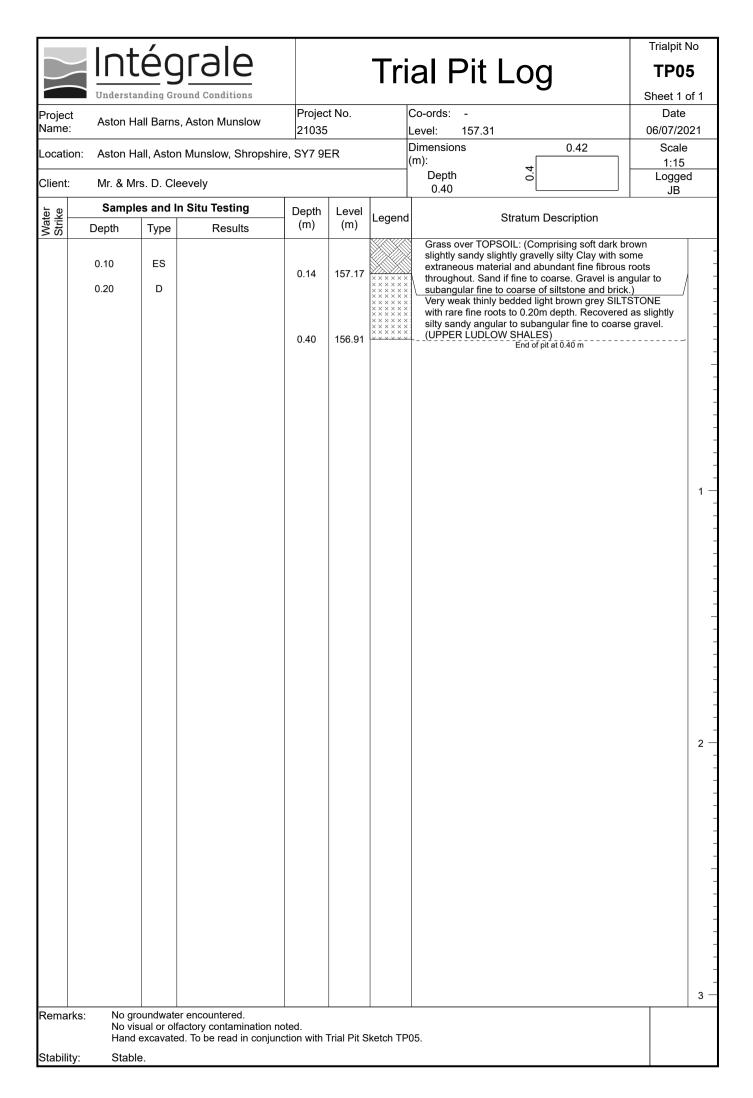
	Intégrale					<b>-</b>				
							Tr	al Pit Log	TP02	
		nderstandin	g Grou	nd Conditions				_	Sheet 1 c	of 1
Projec Name		ston Hall B	arns, A	Aston Munslow	Project 21035			Co-ords: - Level: 157.84	Date 06/07/20	21
Locati		eton Hall A	Aston N	/Junslow, Shropshire				Dimensions 0.44	Scale	
	·			, 017 31			(m): Depth	1:15 Logged	4	
Client	: M	Mr. & Mrs. D. Cleevely				ı	ı	1.20	JB	<b>J</b>
Water Strike	S			Depth	Level	Legeno	Stratum Description			
ĭş ¥ğ	Dep		ре	Results	(m)	(m)	\(\lambda\)\(\lambda\)\(\lambda\)	Grass over TOPSOIL: (Comprising soft brown s	lightly	
	0.0	0.05 ES		0.10	157.74		sandy slightly gravelly silty Clay with abundant if	fine	-	
					0.19	157.65	*******	is subrounded fine of sandstone.)  CONCRETE.		-
								MADE GROUND: (Comprising moderately com brown sandy very clayey angular to subangular	pact grey	-
								coarse Gravel of siltstone with lesser brick.)	inic to	
										_
					0.50	157.34	· • • • • • • • • • • • • • • • • • • •	Medium dense olive green grey angular tabular		
							0,000	COBBLES of siltstone. (WEATHERED UPPER LUDLOW SHALES)		_
							0000			_
							0,000			_
								-1 0 0		-
							0000			1 —
							0 0 0			' -
							0000	0		_
					1.20	156.64	0. 0. 0	End of pit at 1.20 m		_
										-
										_
										1
										_
										-
										-
										_
										2 —
										-
										=
										_
										-
										_
										-
										-
										-
										3 —
Rema	rks:			encountered.	ted	ı		1		
		Hand exca	or ollact avated.	tory contamination no To be read in conjunc	tion with <sup>-</sup>	Trial Pit S	ketch TF	202.		
Stabili	ity:	Stable.								

Intógralo					Trial Pit Log				
Intégrale Understanding Ground Conditions  Project Acton Holl Borne Acton Muncley						TP03			
					t No.		Co-ords: -	Sheet 1 of 1 Date	
Name		l Barns	s, Aston Munslow	21035			Level: 157.85	06/07/20	21
Location: Aston Hall, Aston Munslow, Shropshire, S					ĒR		Dimensions 0.45 (m):	Scale 1:15	
Client: Mr. & Mrs. D. Cleevely							Depth 7.40	Logged JB	t
# =				Depth	Level (m)	Legeno	Stratum Description		
XX XX	0.05 0.30	ES ES	Results	(m) 0.10	157.75		Grass over TOPSOiL: (Comprising soft brown sli sandy slightly gravelly silty CLay with little extran material and abundant fine fibrous roots through Sand is fine to medium. Gravel is angular fine of and siltstone.)  MADE GROUND: (Comprising moderately comp brown grey sandy clayey angular to subangular to coarse Gravel of siltstone with lesser brick and c Medium cobble content. Locally pockets of brown Sand is fine to coarse. Cobbles are angular tabu siltstone)	eous out. brick  eact fine to harcoal. n clay.	-
	1.00	D		0.69	157.16		Possible MADE GROUND: (Comprising soft olivents of the grey slightly sandy gravelly locally very gravelly (Gravel is angular to subangular fine to coarse of siltstone.)	Clay.	1 —
				1.40	156.45		End of pit at 1.40 m		2 —
Rema			er encountered.	od.					
No visual or olfactory contamination noted. Hand excavated. To be read in conjunction with Trial Pit Sketch TP03.									

Stability:

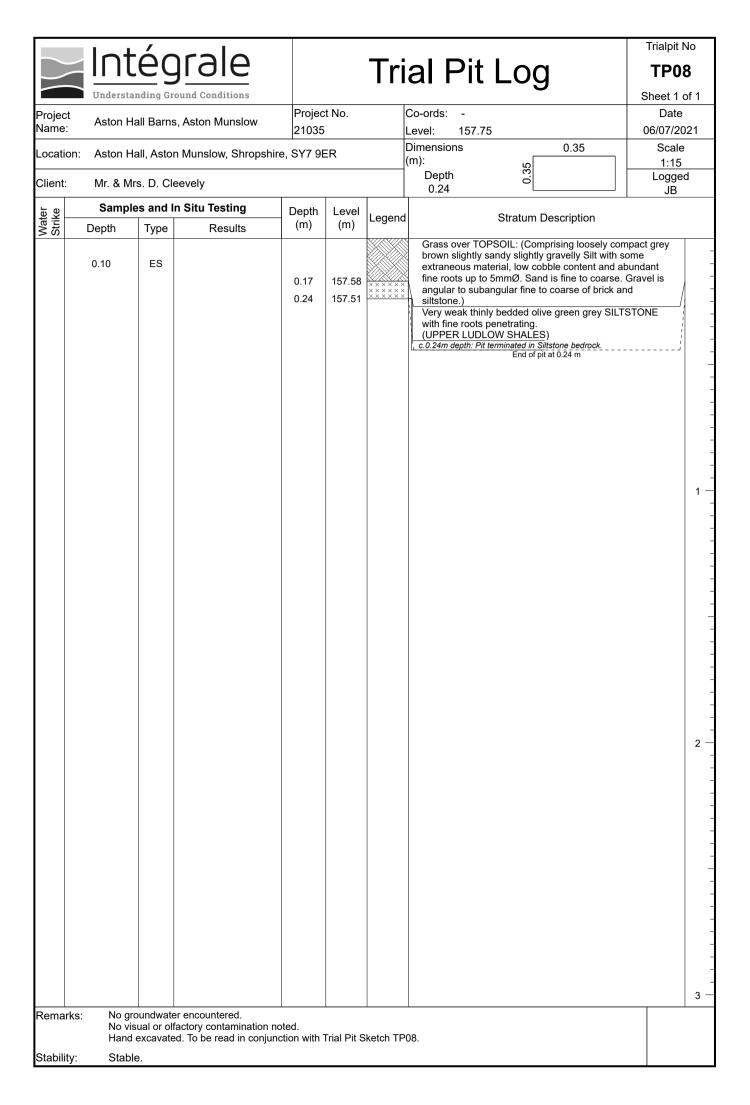
Stable.

		nte	<u>á</u> c	rale			Tri	al Pit Log	Trialpit N	
	Uı	nderstand	ing Gro	ound Conditions				3 3 3 3 3	Sheet 1 c	of 1
Projec		ston Hall	Barns	, Aston Munslow	Projec			Co-ords: -	Date	
Name	). 				21035			Level: 157.00 Dimensions 0.4	06/07/20 Scale	
Location: Aston Hall, Aston Munslow, Shropshire, S			SY7 9E	ΞR		(m):	1:15			
Client: Mr. & Mrs. D. Cleevely						Depth 0	Logged JB	b		
			Depth	Level		1.00	JD			
Water Strike	Depth Type Results			(m)	(m)	Legeno	Stratum Description			
W. Str	0.4		ES	Results	0.80 1.00	156.20 156.00		Loosely compact blue grey angular medium to basalt chippings.  MADE GROUND: (Comprising soft red brown sandy gravelly Clay with medium cobble conter fine to coarse. Gravel is angular to subangular coarse of brick and siltstone. Cobbles are angutabular of siltstone and lesser brick.)  Dense olive green grey angular COBBLES of sbound with slightly sand slightly gravelly clay. Sfine to medium. Gravel is angular to subangular coarse of siltstone.  (WEATHERED UPPER LUDLOW SHALES)  End of pit at 1.00 m	ilightly tt. Sand is fine to lar  iltstone land is	1 —
		Na	a al. · · · · ·	n anacunt d						3 —
Remarks: No groundwater encountered. No visual or olfactory contamination noted. Hand excavated. To be read in conjunction with Trial Pit Sketch TP04.										
			cavate	d. To be read in conjuncti	on with	rial Pit S	ketch TF	U4.		
Stability: Stable.										



		ntéc	grale			Tri	al Dit L	00	Trialpit N	
Understanding Ground Conditions				Trial Pit Log						
Projec		ierstanding G	round Conditions	Projec	et No		Co-ords: -		Sheet 1 o	
Name	: As	ton Hall Barn	s, Aston Munslow	21035			Level: 156.64		06/07/20	
Locati	on: As	ton Hall, Asto	n Munslow, Shropshi	e, SY7 9	ER		Dimensions	0.45	Scale	
						(m): Depth	0.35	1:15 Logge		
Client		. & Mrs. D. Cl		1		1	0.17		JB	
Water Strike			In Situ Testing	Depth (m)	Level (m)	Legend	Stra			
% <del>I</del> ̄s̄	Dep	th Type	Results	(111)	(111)	X//XX//X		: (Comprising soft dark bro	DWD	
	0.10	D ES		0.17	156.47		slightly sandy slightly material and abundan Sand is fine to coarse fine of siltstone, brick c.0.17m depth: Pit terminal with occasional marine for	gravelly Clay with little ex it fine fibrous roots through Gravel is angular to sub- and charcoal.) led on very weak olive green gi	traneous hout. angular	1 —
		Na grand di								3 —
Remarks: No groundwater encountered. No visual or olfactory contamination noted. Hand excavated. To be read in conjunction with Trial Pit Sketch TP06.  Stability: Stable.										

	Inte	rale			Tri	al Pit Log	Trialpit N		
	Understand	ling Gro	und Conditions					Sheet 1 c	of 1
Project Name:	Aston Hall	l Barns,	Aston Munslow	Project 21035			Co-ords: - Level: 155.82	Date 06/07/20	21
				_			Level:         155.82           Dimensions         0.45	Scale	
Location:	Aston Hall	I, Aston	Munslow, Shropshire	e, SY7 9l	=R 		(m):	1:15	
Client:	Mr. & Mrs.	D. Cle	evely				0.30 Pepth 0.30	Logged JB	d l
<u>-</u> 0	Samples	and In	Situ Testing	Depth	Level			0.5	
Water Strike		Туре	Results	(m)	(m)	Legend	Stratum Description		
	0.10	ES		0.28 0.30	155.54 155.52		Grass over TOPSOIL: (Comprising soft dark br slightly sandy slightly gravelly silty Clay with litt extraneous material and abundant fine fibrous throughout. Sand is fine to coarse. Gravel is an subangular fine to coarse of siltstone and brick.  Very weak olive green grey SILTSTONE recover angular coarse gravel.  (UPPER LUDLOW SHALES)  End of pit at 0.30 m	le roots igular to .)	1 —
									- 2 —
Remarks: No groundwater encountered. No visual or olfactory contamination noted. Hand excavated. To be read in conjunction with Trial Pit Sketch TP07.  Stability: Stable.						07.		3 —	



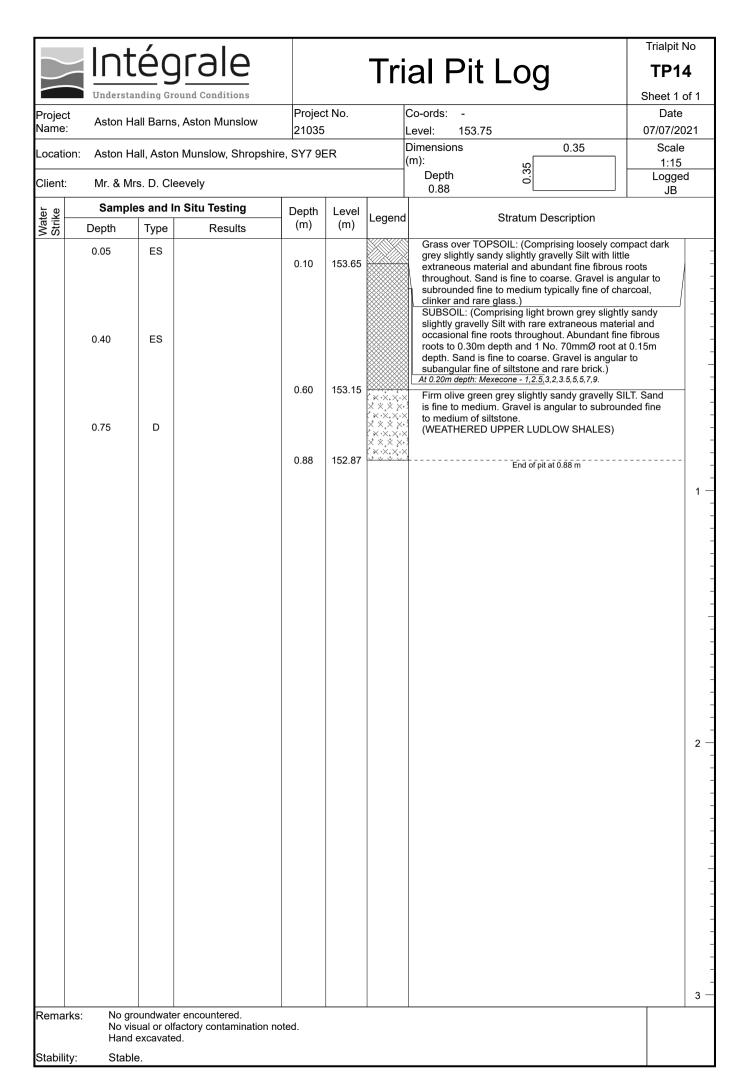
	L		<u>′</u>						Trialpit N	0
		IL	<u>e</u> ĉ	<u>rale</u>			Tri	al Pit Log	TP09	)
	Un	derstan	ding Gr	ound Conditions				_	Sheet 1 of	f 1
Projec	t As	ton Ha	ll Barns	s, Aston Munslow	Projec			Co-ords: -	Date	
Name					21035			Level: 159.69 Dimensions 0.4	06/07/202	21
Locati	on: As	ton Ha	II, Asto	n Munslow, Shropshire,	SY7 9E	R		(m):	Scale 1:15	
Client	: Mr	. & Mrs	s. D. Cl	eevelv				Depth 9.42	Logged	
				au =				0.13	JB	
Water Strike	Dep		Туре	Results	Depth (m)	Level (m)	Legend	Stratum Description		
S ⊗	Бер	uı	Type	Results	( )			Weak pale grey CONCRETE. 50% aggregate ar	ngular to	
					0.10	159.59	×××××	subangular fine to medium of siltstone. 50% mat fines. DPM at base.	trix of	
					0.13	159.56		Very weak olive green grey SILTSTONE.		-
								(UPPER LUDLOW SHALES) End of pit at 0.13 m	· · · · · · · · · · · · · · · · · · ·	4
										-
										-
										-
										1 –
										-
										-
										-
										_
										-
										2 —
										4
										1
										-
										1
										4
										-
										4
										1
										+
										4
										3 —
Rema		No visu	ual or olf	er encountered. factory contamination note	ed.					
<b>.</b>		Hand e	excavate	ed with breaker. To be rea	d in conju	unction w	ith Trial F	it Sketch TP09.		
Stabili	itv.	Stable							1	

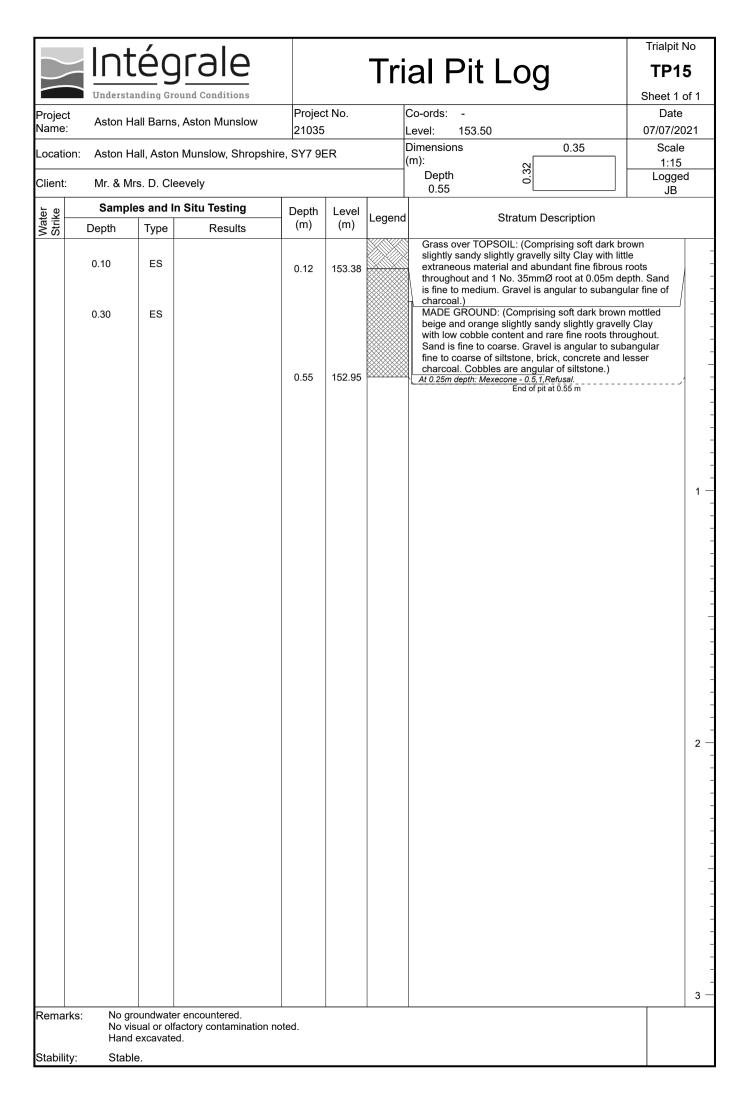
	lla+á.					Trialpit N	10	
		<u>grale</u>			Tri	al Pit Log	TP10	
	Understanding	Ground Conditions	<u> </u>				Sheet 1 c	of 1
Project Name:	Aston Hall Bar	ns, Aston Munslow	Projec 21035			Co-ords: - Level: 159.69	Date 06/07/20	21
		to a Marandaria Obasanakia				Dimensions	Scale	
Location	: Aston Hall, As	ton Munslow, Shropshire,	SY/ 9E	=K		(m):	1:15	
Client:	Mr. & Mrs. D.	Cleevely				Depth 0.16	Logged JB	
er (e	Samples and	In Situ Testing	Depth	Level	Legend	Stratum Description		
Water Strike	Depth Type	Results	(m)	(m)	Legend			
			0.10 0.14 0.16	159.59 159.55 159.53		Weak pale grey CONCRETE. 50% aggregate a subrounded fine to medium of siltstone. 50% m. fines. DPM at base.  MADE GROUND: (Comprising loosely compact to coarse Sand with pockets of brown sandy clavery weak olive green grey SILTSTONE. (UPPER LUDLOW SHALES)  End of pit at 0.16 m	atrix of red fine	1
Remarks	No visual or	No groundwater encountered.  No visual or olfactory contamination no						
Stability:	Hand excava	ated with breaker. To be read	d in conji	unction w	ith Trial F	Pit Sketch TP10.		

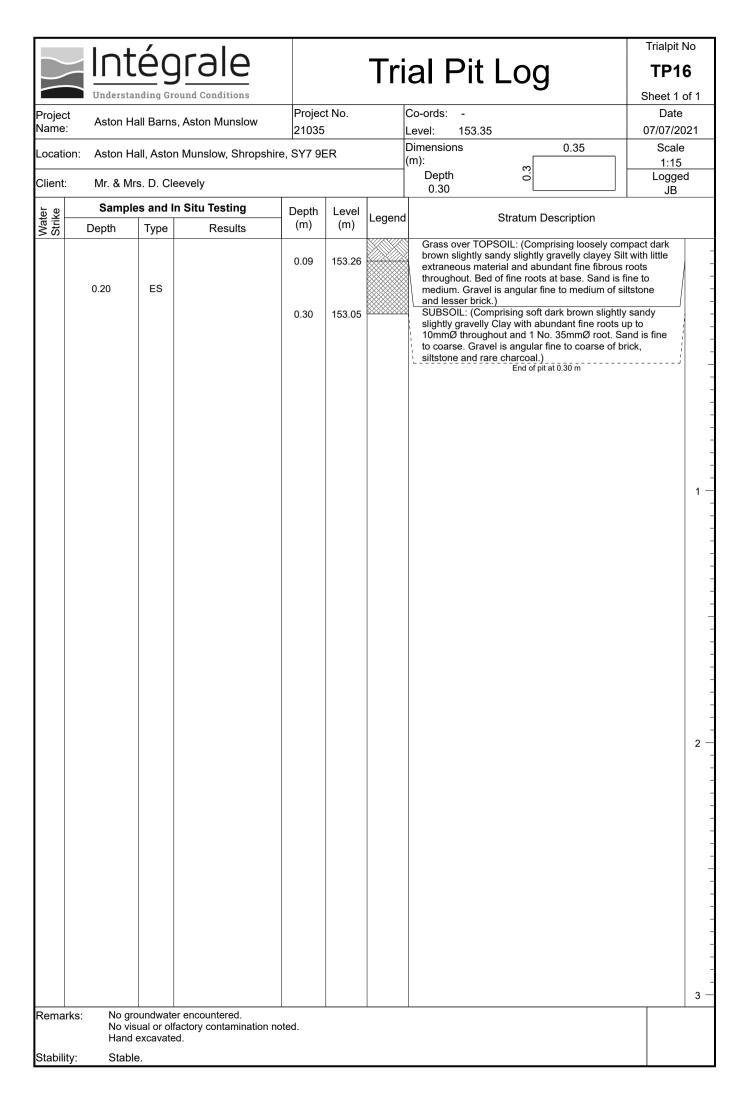
7	Int	<u> </u>	rale			_		Trialpit N	
	1110	<u></u>	1016			Ir	al Pit Log	TP1	1
Duningt		nding Gro	ound Conditions	Projec	st No		Co-ords: -	Sheet 1 o	of 1
Project Name:	Aston H	all Barns,	, Aston Munslow	21035			Level: 156.30	06/07/20	21
Locatio	n: Aston H	all, Aston	Munslow, Shropshir	e, SY7 9l	ER		Dimensions 0.35 (m):	Scale	
Client:	Mr & Mı	rs. D. Cle	evelv				Depth 👸	1:15 Logged	d
			Situ Testing	Double	11		1.20	JB	
Water Strike	Depth	Туре	Results	Depth (m)	Level (m)	Legend	Stratum Description		
	0.50	ES		1.20	155.10		MADE GROUND: (Comprising soft brown grey sandy slightly gravelly locally gravelly Clay. Sa to coarse. Gravel is angular to subangular fine of brick, siltstone and rare concrete.)  c.1.20m depth: Pit terminated on apparent Siltstone bedreen and positions and the subangular fine of pit at 1.20 m.	nd is fine to coarse	1
Remark Stability	No vis Hand	sual or olfa excavated	r encountered. actory contamination n d. To be read in conjun	oted. ction with	Trial Pit S	sketch TF	P11.		

	Intégrale						<del>-</del> -	1 5 4		Trialpit N	
		110		<u> Ji ole</u>			Iri	al Pit L	.og	TP1	2
		nderstand	ling Gr	ound Conditions	Projec	t No		Co-ords: -		Sheet 1 o	of 1
Projed Name		ston Hall	Barns	s, Aston Munslow	21035			Level: 155.08		07/07/20	21
Locati	on: A	ston Hall	l, Asto	n Munslow, Shropshire	, SY7 9E	ΞR		Dimensions (m):	0.4	Scale	
Client	: N	Ir. & Mrs.	. D. Cl	eevelv				Depth	4.0	1:15 Logge	d
				n Situ Testing	Donth	Lovel		0.60		JB	
Water Strike	De		Туре	Results	Depth (m)	Level (m)	Legend	Str	ratum Description		
3	0.3		ES		0.60	154.48		compact dark brown clayey Silt with little roots and rare roots fine to medium. Grav coarse typically fine	OPSOIL: (Comprising loose slightly sandy slightly gravextraneous material, occas up to 10mmØ throughout. Sivel is angular to subrounde of brick, charcoal and siltstend of pit-Siltstone bedrock expeted by rare fine roots.    August	elly ional fine Sand is d fine to one.)	1 —
											3 —
Rema Stabili		No visua	al or olf	er encountered. factory contamination no ed. To be read in conjunc	ed. ion with <sup>-</sup>	Trial Pit S	ketch TP	12.			

		ntég	grale			Tri	al Pit Log	Trialpit I	
	Un	derstanding Gr	ound Conditions					Sheet 1	of 1
Projec Name	ct . As	ton Hall Barns	s, Aston Munslow	Project 21035			Co-ords: - Level: 153.21	Date 07/07/20	
		I I - II . A - 4 -					Level: 153.21 Dimensions 0.45	Scale	
Locati	on: As	ton Hall, Asto	n Munslow, Shropshire	e, SY7 9E	=K		(m):	1:15	
Client	: Mr	. & Mrs. D. Cl	eevely				0.50 4.	Logge JB	d
er (e	S	amples and I	n Situ Testing	Depth	Level	Lagana	Stratum Description	1	
Water Strike	0.30 0.60	th Type	Results	0.42 0.50	Level (m)  152.79 152.71	Legence	Grass over TOPSOIL: (Comprising loosely corbrown slightly sandy slightly gravelly clayey Sil abundant fine fibrous roots throughout and occ roots up to 10mmØ to 0.30m depth. Sand is fir medium. Gravel is angular fine of siltstone with and charcoal.)  c.0.25m depth: Root penetration through footing.  Very weak olive green grey SILTSTONE recov	t with casional le to l rare brick  ered as	1 —
									3 —
Rema Stabili		No visual or of	er encountered. factory contamination no ed. To be read in conjunc		Trial Pit S	ketch TP	13.		







	1.	<u></u>	<u> </u>						Trialpit No	
			_	<u>rale</u>			Tri	al Pit Log	TP17	
	Un	derstan	ding Gr	ound Conditions				_	Sheet 1 of 1	
Project Name	ct . As	ston Hal	l Barns	s, Aston Munslow	Projec			Co-ords: -	Date	
					21035			Level: 152.70 Dimensions 0.31	07/07/2021 Scale	
Locati	ion: As	ston Hal	I, Astoı	n Munslow, Shropshire,	SY7 9E	R		m).	1:15	
Client	: Мі	r. & Mrs	. D. Cle	eevely				Depth 87 0 0.26	Logged JB	
<u>_</u> 0	S	amples	and I	n Situ Testing	Depth	Level		1	05	
Water Strike	Dep		Туре	Results	(m)	(m)	Legend	Stratum Description		
Wa Stri	0.2		ES	Results	(m) 0.07 0.26	(m) 152.63 152.44		Grass over TOPSOIL: (Comprising soft dark bro slightly sandy slightly gravelly clayey Silt with ab fine fibrous roots throughout. Sand is fine to med Gravel is angular to subangular fine to medium siltstone.)  SUBSOIL: (Comprising soft to firm light brown g slightly sandy slightly gravelly Silt with abundant roots throughout. Sand is fine to medium. Grave angular to subangular fine to coarse of siltstone.  End of pit at 0.26 m	undant dium. of rey fine fine fine fine fine fine fine fine	
									3	- 3 —
Rema			al or olf	er encountered. actory contamination noted.	ed.		<u> </u>			

		nté	<u></u>	rale			Tri	al Pit Log	Trialpit N	
				ound Conditions			111	al Fit Log	Sheet 1 c	_
Projec	¬t				Projec	t No.		Co-ords: -	Date	ו וכ
Name		ston Hall	Barns	, Aston Munslow	21035			Level: 158.50	07/07/20	21
Locati	ion: As	ston Hall,	, Astor	n Munslow, Shropshire	e, SY7 9E	ĒR		Dimensions 0.7 (m):	Scale 1:15	
Client	: Mı	r. & Mrs.	D. Cle	eevely				Depth o	Logged	d
				n Situ Testing	Donth	Level		0.60	JB	
Water Strike	Dep		Туре	Results	Depth (m)	(m)	Legeno	Stratum Description		
W. Str	0.2		ES ES	Results	0.25	158.25		MADE GROUND: (Comprising loosely compact brown slightly sandy slightly gravelly Silt with m cobble content. Sand is fine to coarse. Gravel is to subangular fine to coarse of siltstone an brick rare charcoal and slate.)  MADE GROUND: (Comprising moderately combrown angular Cobbles of siltstone bound with sandy gravelly silt. Sand is fine to coarse. Gravel angular to subangular fine of siltstone and brick.  End of pit at 0.60 m	edium s angular k with  pact slightly el is	1
										3 —
Rema Stabili		No visua	l or olf	er encountered. actory contamination no d. To be read in conjund	ted. tion with <sup>-</sup>	Trial Pit S	ketch TF	218.		

		ntéc	rale			Tri	al Pit Log	Trialpit N	
	$\overline{}$		ound Conditions			111	arr it Log	Sheet 1 d	
Projec	<b>\</b>			Projec	t No.		Co-ords: -	Date	JI 1
Name		on Hall Barns	, Aston Munslow	21035			Level: 158.20	07/07/20	21
Locati	on: Asto	on Hall, Astor	n Munslow, Shropshir	e, SY7 9I	ER		Dimensions 0.43 (m):	Scale	
Cliant		9 Mag D Cla					Depth 0	1:15 Logge	
Client		& Mrs. D. Cle					0.60	JB	
Water Strike	<b>Sa</b> Depth		n Situ Testing Results	Depth (m)	Level (m)	Legeno			
				0.10	158.10		Weak pale grey CONCRETE. 50% aggregate a subrounded fine to medium of siltstone. 50% m	atrix of	
				0.20	158.00		MADE GROUND: (Comprising dark grey subar Cobbles of basalt.)		_
	0.40	ES		0.26	157.94	× × ×	MADE GROUND: (Comprising firm green grey sandy slightly gravelly clayey Silt. Sand is fine to Gravel is angular to subangular fine of brick, chand siltstone.)	to coarse. larcoal	-
	0.40					× ^ × × × ×	Medium dense olive green grey silty sandy and subangular fine to coarse typically medium to community of GRAVEL with medium cobble content. Sand is	oarse	-
				0.60	157.60	× • • • × • •	medium. Cobbles are angular to siltstone. (WEATHERED UPPER LUDLOW SHALES)  End of pit at 0.60 m		-
									-
									- - 1 —
									- - -
									- - -
									- - -
									- - -
									- - -
									- - -
									2 —
									-
									- - -
									- - -
									-
									- - 3 —
Rema	Remarks:  No groundwater encountered.  No visual or olfactory contamination noted.  Hand excavated with breaker. To be read in conjunction with Trial Pit Sketch TP19.						Pit Sketch TP19.		
Stabili	ity: S	Stable.							

	Int	ég	rale			Tr	ial Pit Log	Trialpit	
			ound Conditions					Sheet 1	of 1
Project Name:	Aston Ha	all Barns	s, Aston Munslow	Projec			Co-ords: -	Date	
				21035			Level: 158.10 Dimensions 0.4	07/07/20 Scale	
Location	n: Aston Ha	all, Asto	n Munslow, Shropshire	e, SY7 9l	=R 		(m):	1:15	
Client:	Mr. & Mrs	s. D. Cl	eevely				Depth $\circ$ 0.95	Logge JB	d
er (e	Sample	s and I	n Situ Testing	Depth	Level	Legen	Stratum Description		
Water Strike	Depth	Туре	Results	(m)	(m)	Legen			
				0.10	158.00		Weak grey CONCRETE. 50% aggregate angular siltstone. 50% matrix of fines.  MADE GROUND: (Comprising loosely compact grey angular tabular Cobbles of dominantly siltst	orown	
							lesser brick.)	Sile with	
				0.95	157.15		End of pit at 0.95 m		1 —
									2 —
									3 —
Remark	No vis	ual or olf	er encountered. factory contamination no ed with breaker. To be re	oted.	unction w	ı vith Trial	Pit Sketch TP20.		1

Stability:

Stable.

			rale			Tri	al Pit Log	Trialpit 1	1
Project			and Conditions	Projec	t No.		Co-ords: -	Sheet 1 o	
Name:	Aston F	lall Barns,	Aston Munslow	21035			Level: 158.20	07/07/20	
Locatio	n: Aston F	lall, Aston l	Munslow, Shropshir	e, SY7 9I	ΞR		Dimensions 0.58 (m):	Scale 1:15	
Client:	Mr. & N	Irs. D. Clee	evely				0.95 47 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Logge	
			Situ Testing	Depth	Level			JB	
Water	Depth	Туре	Results	(m)	(m)	Legeno	Stratum Description		
	0.30	ES		0.10	158.10 157.52		Brick sets (on edge).  MADE GROUND: (Comprising soft to firm grey slightly sandy slightly gravelly Silt with low cobb content. Sand is fine to coarse. Gravel is anguls subangular fine to coarse of siltstone and lesse and plastic. Cobbles are angular tabular of silts  Very weak olive green grey SILTSTONE recovers.	ole ar to r brick tone.)	-
						× × × × × × × × × × × × × × × × × × ×	sandy silty angular fine to coarse gravel. (UPPER LUDLOW SHALES)		-
				0.95	157.25		End of pit at 0.95 m		1 —
									2 —
Remark	κs: No α	roundwater	encountered.						3
Remark Stability	No vi Hand	sual or olfact l excavated.	encountered. ctory contamination n . To be read in conjun		Trial Pit S	ketch TF	21.		

		ntéc	grale			Tri	al Pit Log	Trialpit N	
			round Conditions				arr it Log	Sheet 1 c	
Projec		ton Hall Barn	s, Aston Munslow	Projec			Co-ords: -	Date	
Name	:			21035	j		Level: 157.60 Dimensions 0.5	07/07/20 Scale	
Locati	on: Ast	ton Hall, Asto	n Munslow, Shropshire	, SY7 9I	ER		(m):	1:15	
Client	: Mr.	& Mrs. D. Cl	eevely				Depth 5.53	Logged JB	d
er (e	Sa	amples and	In Situ Testing	Depth	Level				
Water	0.40 1.00	) ES	Results	(m) 0.75	(m)	Legend X X X X X X X X X X X X X X X X X X X	Siltstone Chippings / MADE GROUND: (Compri loosely compact pink brown slightly sandy claye angular to subangular fine to coarse Gravel of b concrete and siltstone with low cobble content. Since to coarse. Cobbles are angular of siltstone.)	ey silty orick, Sand is )	
	1.50								1
Rema	rks:	No groundwat	er encountered.	1.53	156.07		End of pit at 1.53 m		2
Rema		No visual or ol	er encountered. factory contamination not ed. To be read in conjunct	ed.	Trial Pit S	Sketch TF			
Stabili		Stable.							

	$\overline{}$		rale			Tri	al Pit Log	-	rialpit No TP23 neet 1 of 1
Projec	t Aston Hal		Aston Munslow	Projec			Co-ords: -		Date
Name	•			21035			Level: 156.90 Dimensions 0.7	90	3/07/2021 Scale
Locati	on: Aston Hal	I, Aston	Munslow, Shropshire	e, SY7 9E	ER		(m):	7	1:15
Client				I			Depth 0.33		Logged JB
Water Strike			Situ Testing Results	Depth (m)	Level (m)	Legend	Stratum Description		
W&Str	0.20	D D	Results	0.02 0.33	156.88 156.57		MADE GROUND: (Comprising loosely comproved brown yellow silty gravelly fine to coarse Sangular fine to coarse of siltstone with timb and straw.)  Very weak brown grey SILTSTONE. (UPPER LUDLOW SHALES)	and. Grave	el is is is its
									3 -
Rema			ncountered. ory contamination noted.	I.	I	I.	1		I

Stability:

Stable.

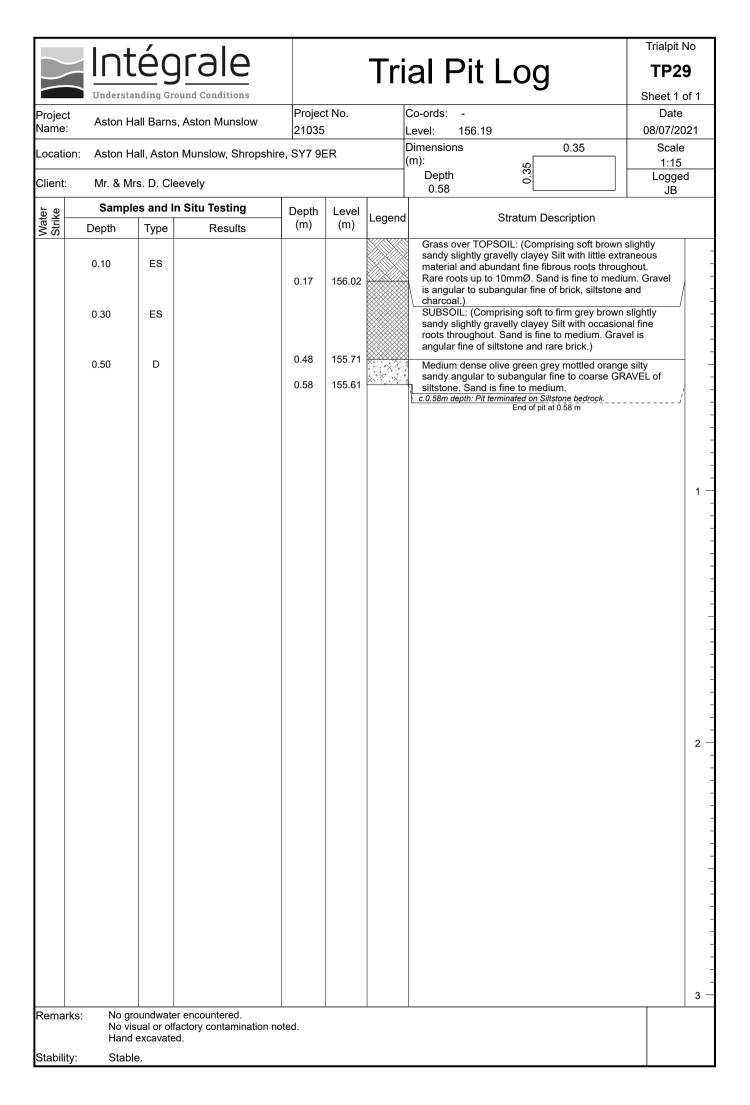
		ntéc	grale			Tri	al Dit Log	Trialpit N	
			ound Conditions			111	al Pit Log		
Projec	\ <del>t</del>			Projec	t No.		Co-ords: -	Sheet 1 o	
Name		ton Hall Barns	s, Aston Munslow	21035			Level: 156.90	08/07/20	
Locati	on: As	ton Hall, Astoı	n Munslow, Shropshii	e, SY7 9l	ER		Dimensions 0.4 (m):	Scale 1:15	
Client	: Mr.	& Mrs. D. Cle	eevely				Depth 0.40	Logge	
e e	S	amples and I	n Situ Testing	Depth	Level	Logono	Stratum Deparintion	-	
Water Strike	Dep	th Type	Results	(m)	(m)	Legend			
	0.20		INCOUNTS	0.09	156.81		COBBLE sets comprising subrounded quartzite  MADE GROUND: (Comprising moderately combrown sandy very clayey angular to subangular coarse Gravel of siltstone with rare brick and prosent brown gravelly clay.)  c.0.09-0.40m depth: In S face of pit - Siltstone bedrock extends of pit at 0.40 m	pact grey fine to ockets of	1 —
									3 —
Rema Stabili		No visual or olf	er encountered. factory contamination n d with breaker. To be re	oted. ead in conj	unction w	vith Trial I	Pit Sketch TP24.		

		nté	29	rale			Tri	al Pit Log	Trialpit N	
				und Conditions				3.1 1.1 2.3	Sheet 1 c	of 1
Projec	ct A	ston Hall I	Barns,	, Aston Munslow	Projec			Co-ords: -	Date	
Name	;. 				21035			Level: 156.80 Dimensions 0.45	08/07/20	21
Locati	ion: A	ston Hall,	Aston	Munslow, Shropshire	e, SY7 9E	ΞR		(m):	Scale 1:15	
Client	:: M	r. & Mrs. [	D. Cle	evely				Depth 6	Logged	t
	I			Situ Testing				0.55	JB	
Water Strike	De		ype	Results	Depth (m)	Level (m)	Legend	Stratum Description		
<u>&gt;                                    </u>	0.3		ES	IVESUIIS	0.55	156.25		MADE GROUND: (Comprising loosely compact slightly sandy slightly gravelly Silt with low cobb content. Sand is fine to coarse. Gravel is angula subangular fine to coarse of siltstone, plastic, st rare polystyrene. Cobbles are angular of siltstone bedrock exposed in N, W and S fabelow footing.  C.O.3m depth: Siltstone bedrock exposed in N, W and S fabelow footing.  C.O.55m depth: Pit terminated on Siltstone bedrock.  End of pit at 0.35 m	le ar to raw and ne.)	1
Rema	ırks <sup>.</sup>	No aroun	dwater	r encountered.						
		No visual	or olfa	actory contamination no d. To be read in conjunc	ted.	Trial Dit O	katah TC	25		
Stabil	itv·	Stable.	uvalti	a. 10 be read in conjunc	aon willi	mai rit S	ROLOII IF	۷۰.		
Stabil	ıry.	Glabie.								

		<u>_</u>	ÁC	مرمام					_	Trialpit l	No
		ΙΙ	<u>e</u> ç	<u>rale</u>			Tri	ial Pit	Log	TP2	6
		nderstan	iding Gr	ound Conditions	<u>.</u>					Sheet 1	
Projec Name:	t : A:	ston Ha	ıll Barns	s, Aston Munslow	Project 21035			Co-ords: - Level: 156.80	)	Date 08/07/20	
Location	on: A	ston Ha	ıll. Asto	n Munslow, Shropshire				Dimensions	0.45	Scale	)
					,			(m): Depth	0.45	1:15 Logge	
Client:		r. & Mrs				Ι		0.22		JB	
Water Strike	Dep		s and I Type	n Situ Testing Results	Depth (m)	Level (m)	Legend	i	Stratum Description		
≤ Ø	Del	Jui	туре	Results		( )		Cobble sets con	mprising cemented subangular t	to	
					0.10	156.70	××××× ××××××	subrounded of o	y bedded olive green grey SILTS	STONE.	-
					0.22	156.58	××××× ××××××		DW SHALES)  End of pit at 0.22 m		_
									End of pit at 0.22 III		-
											_
											_
											_
											_
											-
											_
											-
											1 –
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											-
											-
											_
											_
											2 —
											-
											-
											_
											3 —
Remar	rks:	No visu	ual or olf	er encountered. factory contamination no	ted.						
C4 1	<b>4</b>	Hand e	excavate	ed with breaker. To be rea	ad in conj	unction w	ith Trial I	Pit Sketch TP26.			
Stabilit	ty:	Stable	).							1	

		nté	grale			Tri	al Pit Log	Trialpit I	
	Un	derstanding	Ground Conditions					Sheet 1	of 1
Projec Name:	t As	ston Hall Ba	rns, Aston Munslow	Projec			Co-ords: -	Date	
				21035			Level:         157.66           Dimensions         0.45	08/07/20 Scale	
Location	on: As	ston Hall, As	ston Munslow, Shrops	shire, SY7 9	ER ———		(m):	1:15	
Client:	М	r. & Mrs. D.	Cleevely				Depth 9.26	Logge JB	d
<u></u>	S	Samples an	d In Situ Testing	Depth	Level				
Water Strike	Dep			(m)	(m)	Legend	Stratum Description		
"				0.07	457.50		Brick Sets (laid flat).		
	0.2	0 D		0.26	157.40		Medium dense olive green grey slightly sandy angular to subangular fine to coarse GRAVEL siltstone. Sand is fine to medium. (WEATHERED UPPER LUDLOW SHALES)    c.0.26m depth: Pit terminated in Siltstone bedrock. End of pit at 0.26 m	silty of	1 —
Remai	rke·	No ground	vater encountered.						3 —
Stabilit		No visual or	rater encountered.  olfactory contamination ated with breaker. To be	n noted. e read in conj	unction w	rith Trial f	Pit Sketch TP27.		

		<u></u>	<u> </u>						Trialpit N	lo
			₹.	<u>rale</u>			Tri	al Pit Log	TP28	3
	Un	derstand	ling Gr	ound Conditions				_	Sheet 1 c	of 1
Projed Name	t As	ston Hall	Barns	s, Aston Munslow	Project			Co-ords: -	Date	0.4
					21035			Level: 158.65 Dimensions 0.3	08/07/20 Scale	21
Locati	on: As	ston Hall	, Astor	n Munslow, Shropshire,	SY7 9E	R		m):	1:15	
Client	: M	r. & Mrs.	D. Cle	eevely				Depth 0.21	Logged JB	i
<u>_</u> 0	S	Samples	and I	n Situ Testing	Depth	Level		1	<u> </u>	
Wate Strik	Dep		Туре	Results	(m)	(m)	Legend	Stratum Description		
Water Strike	0.1		Type ES		(m) 0.10 0.21		Legend	Weak pale grey CONCRETE. 50% aggregate. 5 matrix of fines.  MADE GROUND: (Comprising loosely compact grey very silty fine to medium Sand. Gravel is at subangular of siltstone and brick.)  c.0.21m depth: Pit terminated in Siltstone bedrock.  End of pit at 0.21 m	brown	1 —
Rema		No visua	al or olf	er encountered. actory contamination noted d with breaker.	ed.					3 —



	lot	ÁC	rale			_		Trialpit l	
	1110	<u> </u>	<u>Ji die</u>			I r	al Pit Log	TP3	0
	Understa	nding Gro	ound Conditions	Projec	ot No		Co-ords: -	Sheet 1	
Project Name:	Aston H	all Barns	, Aston Munslow	21035			Level: 158.30	08/07/20	
Locatio	n: Aston H	all, Astor	n Munslow, Shropshir	e, SY7 9I	ΞR		Dimensions 0.5 (m):	Scale 1:15	
Client:	Mr. & Mı	s. D. Cle	eevelv				Depth o	Logge	
			n Situ Testing	Depth	Level		1.20	JB	
Water Strike	Depth	Туре	Results	(m)	(m)	Legend	Stratum Description		
	0.40	ES		1.20	157.10		Probable MADE GROUND: (Comprising moder compact olive green grey angular tabular COBE siltstone bound with much slightly sandy slightly silt. Sand is fine to medium. Gravel is angular fit coarse of siltstone.)  End of pit at 1.20 m	BLES of gravelly	2
Remark Stability	No vis Hand	sual or olfa excavate	er encountered. actory contamination no d. To be read in conjun	oted. ction with	Trial Pit S	ketch TF	30.		

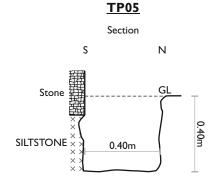
	Lot	<u></u>	ردعاه					Trialpit N	No
	_		<u>rale</u>			Tr	al Pit Log	TP3	
		anding Gro	und Conditions	Duning	4 NI =		Co anda:	Sheet 1 o	
Projec Name		lall Barns,	Aston Munslow	Projec 21035			Co-ords: - Level: 158.25	Date 08/07/20	
Locati	on: Aston F	lall Aston	Munslow, Shropshire,	1			Dimensions 0.6	Scale	
							(m): Depth	1:15 Logge	d
Client	: Mr. & M	lrs. D. Cle	evely				1.30	JB	<b>-</b>
Water Strike	Samp Depth	Type	Situ Testing Results	Depth (m)	Level (m)	Legend	Stratum Description		
Rema	1.20	D	rencountered.	0.95	157.30	(*************************************	is fine to medium. Graver is angular fine to medii siltstone. (WEATHERED UPPER LUDLOW SHALES)	rown  T. Sand	1
Cilia	No vi	sual or olfa	ctory contamination note	ed.					
	Hand	l excavated	I. To be read in conjuncti	on with <sup>-</sup>	Trial Pit S	ketch TF	731.		
Stabili	ty: Spal	ling to 1.0	m depth.						

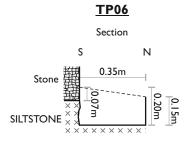


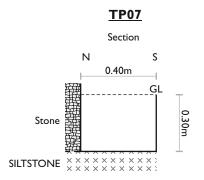
Trial Pit Sketch: Project Name: Aston Hall Barns, Aston Munslow Project No. 21035 Client: Mr. & Mrs. D. Cleevely Date Excavated: 06/07/2021 TP01-TP04 Logged by: Joseph Begaj Scale: 1:20 **TP01 TP02** Section Section Ε Ε Stone to 0.35mAGL Brick 0.30m 0.40m 0.56m Stone Stone 0.05m SILTSTONE TP03 **TP04** Section Section W E S Ν GL 0.45m 0.25m Stone .40m Stone 1.00m SILTSTONE Base of footing unclear/not proven Note: To be read in conjunction with detailed Trial Pit logs TP01, TP02, TP03 and TP04.

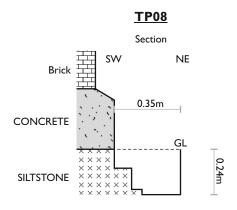


Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch:
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 06/07/2021	<b>TP05-TP08</b>
Logged by: Joseph Begaj	Scale: 1:20	1103-1106









Note: To be read in conjunction with detailed Trial Pit logs TP05, TP06 and TP08.



Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035 Trial Pit Sketch:
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 6-7/07/2021 TP00-TP12
Logged by: Joseph Begaj	Scale: 1:20
Section  S N  0.35m  GL  SILTSTONE  X X X X X X X X X X X X X X X X X X X	Section  W E 0.30m  GL  SILTSTONE  SILTSTONE
Plan  Wall Line  0.40m	Plan Wall Line 0.40m
TP11 Section	TP12
Section E W	Section N S
O.35m	O.40m  GL  Brick  0.08m  0.23m  0.60m  SILTSTONE  XXXXXX
Apparent bedrock	

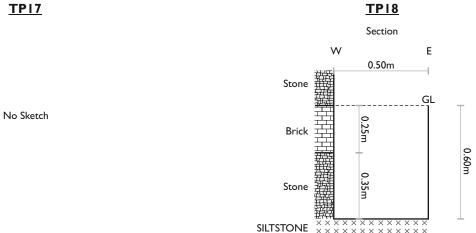


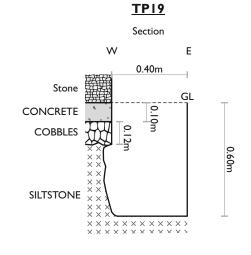
Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch:
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 07/07/2021	TPI3-TPI6
Logged by: Joseph Begaj	Scale: 1:20	11 13-11 10
<u>TP13</u>	<u>TP1</u>	1 <u>4</u>
Section		
N S		
0.45m 0.10m Brick 0.10m	No Ske	etch
0.50m		
SILTSTONE *********		
<u>TP15</u>	<u>TP1</u>	<u> 16</u>
No Sketch	No Ske	etch

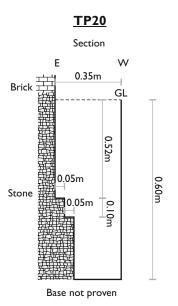
Note: To be read in conjunction with detailed Trial Pit log TP13.



Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch:
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 07/07/2021	TP17-TP20
Logged by: Joseph Begaj	Scale: 1:20	1111-11-20







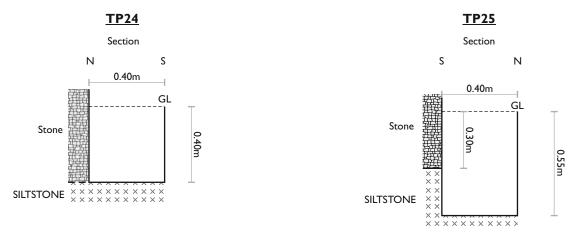
Note: To be read in conjunction with detailed Trial Pit log TP18, TP19 and TP20.

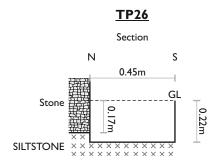


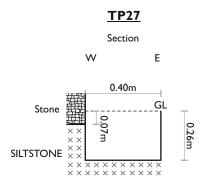
Trial Pit Sketch: Project Name: Aston Hall Barns, Aston Munslow Project No. 21035 Client: Mr. & Mrs. D. Cleevely Date Excavated: 7-8/07/2021 TP21-TP23 Logged by: Joseph Begaj Scale: 1:20 <u>TP21</u> **TP22** Section Section Ν Ε 0.50m 0.50m GL Stone 0.95m 0.10m Stone SILTSTONE Depth of footing unclear/not proven **TP23** Section A Section B Plan Wall E Ν Line 0.40m 0.70m 0.40m Brick <sup>⊥</sup> Stone ₹ 0.33m SILTSTONE SILTSTONE Note: To be read in conjunction with detailed Trial Pit log TP21, TP22 and TP23.



Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch:
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 08/07/2021	<b>TP24-TP27</b>
Logged by: Joseph Begaj	Scale: 1:20	1127-1121







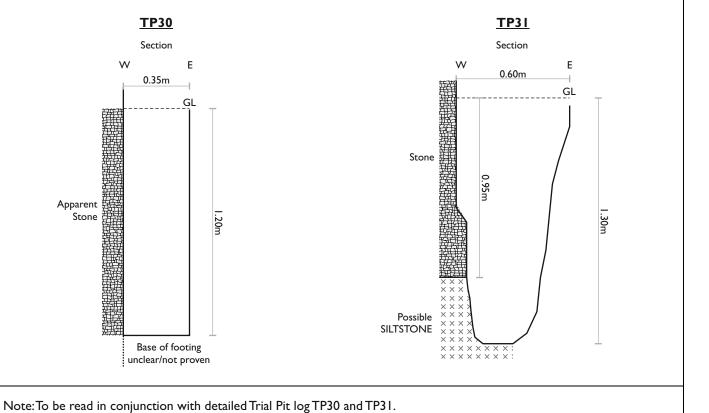
Note: To be read in conjunction with detailed Trial Pit log TP24, TP25, TP26 and TP27.



Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch:
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 08/07/2021	TP28-TP31
Logged by: Joseph Begaj	Scale: 1:20	

<u>TP28</u> <u>TP29</u>

No Sketch No Sketch





Appendix D

Trial Pit Logs & Sketches



Suite 7, Westway Farm Business Park Wick Road, Bishop Sutton, Somerset, BS39 5XP, United Kingdom

Tel: 01275 333036 www.integrale.uk.com

## STANDARD METHODOLOGY FOR MECHANICAL TRIAL PITTING

Trial pits are mechanically excavated using a wheeled or tracked backhoe or mini-excavator, typically fitted with toothed buckets. The trial pit locations are selected using information on the proposed redevelopment, existing buried services and structures, ongoing site use, reinstatement requirements and time constraints. Those positions are shown on Figure I and the trial pit records included as a separate appendix.

Trial pitting was directed and supervised full-time by an experienced engineering geologist who carried out insitu testing, kept a record of the strata encountered, noted the pit side stability and ease of digging, any water ingresses, took photographs and recovered representative disturbed samples.

Insitu testing comprised hand shear vane measurement in appropriate cohesive strata to provide a direct reading of insitu undrained shear strength. Tests were completed from within the pit to depths of approximately 1.2m below ground level and within excavated spoil below this. The hand shear vane is inserted into cohesive soil and rotated at an even speed equivalent to one rotation per 60 seconds. Three tests are typically taken and the average result used as the undrained shear strength in kN/m².

Mexicone penetrometer testing was undertaken either from ground level or at shallow depth within trial pits and the test results are included in the trial pit records. The mexicone penetrometer is a simple, hand-held device which gives a direct read out of equivalent CBR strength, on a cylindrical gauge. Readings are recorded for each 75mm penetration and where suitable soils are present, successive readings up to 0.6m total penetration can be achieved. However, the test can abort on coarse granular soils or other obstructions and in this case the term 'refusal' is given in the test records.

On completion the pits were backfilled with their spoil, compacted with the excavator bucket and the surplus left mounded to allow for subsequent consolidation settlement. If specific reinstatement has been requested by the client, this is confirmed in the main text of this report.

The trial pit records have been prepared using Gint software, taking into account both site descriptions and subsequent laboratory testing.



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## STANDARD METHODOLOGY FOR HAND EXCAVATED TRIAL PITS

Trial pits are manually excavated using hand tools with assistance from a mechanical excavator where possible. The trial pit locations are selected using information on the proposed redevelopment, existing buried services and structures, ongoing site use, reinstatement requirements and time constraints. Those positions are shown on Figure I and the trial pit records included as a separate appendix. Where necessary, details of exposed foundations are annotated on a measured sketch section appended to the trial pit records.

Trial pitting was directed and supervised full-time by an experienced engineering geologist who carried out testing, kept a record of the strata encountered, noted the pit side stability and ease of digging, any water ingresses, took photographs and recovered representative disturbed samples.

Testing comprised hand shear vane measurement in appropriate cohesive strata to provide a direct reading of insitu undrained shear strength. Tests were completed on recovered samples from the pit to depths of up to approximately 1.0m below ground level. The hand shear vane is inserted into cohesive soil and rotated at an even speed equivalent to one rotation per 60 seconds. Three tests are typically taken and the average result used as the undrained shear strength in  $kN/m^2$ . If the material is suitable, the soil strength is examined using a pocket penetrometer.

Mexicone penetrometer testing was undertaken either from ground level or at shallow depth within trial pits and the test results are included in the trial pit records. The mexicone penetrometer is a simple, hand-held device which gives a direct read out of equivalent CBR strength, on a cylindrical gauge. Readings are recorded for each 75mm penetration and where suitable soils are present, successive readings up to 0.6m total penetration can be achieved. However, the test can abort on coarse granular soils or other obstructions and in this case the term 'refusal' is given in the test records.

On completion the pits were backfilled with their spoil, compacted by hand and the surplus left mounded to allow for subsequent consolidation settlement. If specific reinstatement has been requested by the client, this is confirmed in the main text of this report.

The trial pit records have been prepared using Gint software, taking into account both site descriptions and subsequent laboratory testing.



## **EXPLORATORY HOLE EXPLANATION SHEET**

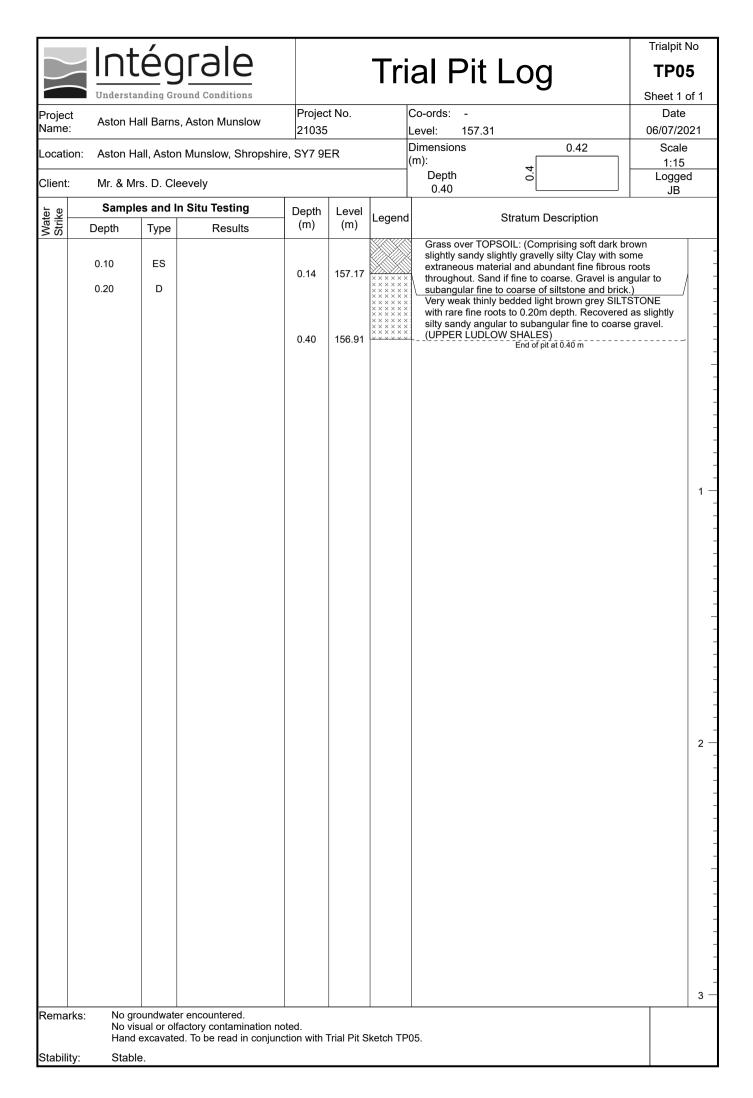
		SA	MPLES AND TESTS		
BLK C	Amalgamated sample Bulk disturbed sample Block sample Core sample CBR mould sample Small disturbed sample Environmental sample Environmental water sample Gas sample	LB M SPTLS TW U UT	Jar sample Large bulk disturbed samp Mazier type sample Standard penetration samp Thin-walled push in sampl Undisturbed sample - ope Thin wall open drive tube Water sample	ole HSV F MEX N ple PID F e n drive	Hand-held shear vane test Hand-held shear vane test Mexicone penetrometer test Photoionization detector (gas)
	SOILS		<b>SEDIMENTARY</b>		<u>IGNEOUS</u>
	Topsoil		Chalk	+++++	Coarse Grained Igneous
	Concrete		Limestone	++++	Medium Grained Igneous
	Made Ground (Fill)		Conglomerate		Fine Grained Igneous
য়াহ এছ এছ এই এই এই	Peat		Breccia		
	Clay		Sandstone		<u>METAMORPHIC</u>
$\times \times $	Silt	×××××× ××××××	Siltstone		Coarse Grained Metamorphic
	Sand		Mudstone		Medium Grained Metamorphic
, , , , , , , , , , , , , , , , , , , ,	Gravel		Shale		Fine Grained Metamorphic
0 0 0 0	Cobbles		Coal	.હ	
0	Boulders		Pyroclastic (Volcanic As	sh)	STALLATIONS న
	nposite soil types will be	$\left\langle \Diamond_{-}^{\vee})$	Gypsum, Rocksalt, etc.	sh)  Upstanting cover	STALLATIONS FILEST CONES
signified b	y combined soil types e.g. Silty Sand		Void/Broken Ground		Concrete
	WATER SYMBOL	<u>.S</u>		Plain Pipe	Bentonite Pipe
	Water Level (after 20	) minutes)		Slotted Pipe	Sand Filter
	Water Strike			Pipe	Gravel Filter
					Arisings
					Grout

	lo+/	<u>ဴ</u>	rale			<del>-</del> -	1 D'( '	Trialpit No
	11 116	39	I die			Iri	al Pit Log	TP01
	Understand	ling Grou	and Conditions					Sheet 1 of 1
Project Name:	Aston Hall	Barns,	Aston Munslow	Projec 21035			Co-ords: - Level: 158.18	Date 06/07/2021
Location:	Aston Hall	Aston	Munslow, Shropshire				Dimensions 0.44	Scale
				, O 1 7 O L			(m): 7:	1:15 Logged
Client:	Mr. & Mrs.				I		0.56	JB
Water Strike			Situ Testing	Depth (m)	Level (m)	Legend	Stratum Description	
≥ ₹2	Depth	Туре	Results	(111)	(111)		Grass over TOPSOIL: (Comprising loosely of	compact
•	0.15	ES		0.14 0.27 0.56	158.04 157.91 157.62		brown slightly sandy slightly gravelly Silt wit extraneous material and abundant fine fibro throughout. Sand is fine to coarse. Gravel is subrounded fine to medium of brick, quartzi siltstone.)  MADE GROUND: (Comprising moderately of brown slightly sandy gravelly Silt with low coand occasional fine roots throughout. Sand coarse. Gravel is angular fine to coarse of beand charcoal.)  Dense olive green grey angular tabular COB siltstone with little sandy silt. Sand is fine to (WEATHERED UPPER LUDLOW SHALES).  End of pit at 0.56 m	sompact bbble content s fine to rick, siltstone BBLES of medium.
								2 -
Remarks:	Hand ex	cavated	epage at c.0.45m dept njunction with Trial Pit		P01.			3 -

	1.	<u></u>							Trialpit N	No
		ıιΕ	<u>'</u>	rale			Tri	al Pit Log	TP0	2
	Un	derstandin	g Groui	nd Conditions				_	Sheet 1 d	
Projec Name		ston Hall B	arns, A	ston Munslow	Projec 21035			Co-ords: - Level: 157.84	Date 06/07/20	
Locati		ton Hall /	\stop N	lunslow, Shropshire				Dimensions 0.44	Scale	
					, 317 91	-11		(m): Depth တ	1:15 Logge	
Client:		r. & Mrs. D						1.20	JB	<u> </u>
Water Strike				Situ Testing	Depth (m)	Level (m)	Legend	Stratum Description		
> წ	Dep	_	rpe	Results	(111)	(111)		Grass over TOPSOIL: (Comprising soft brown s	slightly	
	0.0	5 E	S		0.10	157.74		sandy slightly gravelly silty Clay with abundant fibrous roots throughout. Sand is fine to mediun	fine n. Gravel /	]
					0.19	157.65		is subrounded fine of sandstone.) CONCRETE.		-
								MADE GROUND: (Comprising moderately com brown sandy very clayey angular to subangular	pact grey fine to	-
								coarse Gravel of siltstone with lesser brick.)		_
					0.50	157.34				_
					0.50	107.34	0 0 0	Medium dense olive green grey angular tabular COBBLES of siltstone.		_
							0,000	(WEATHERED UPPER LUDLOW SHALES)		_
							0 0 0 0	3 0 3		-
							0 0 0 0	0		_
							0 0 0 0			_
										1 —
								7 0 0		
					1.20	156.64	0,00,00	End of pit at 1.20 m		-
								End of pit at 1.20 m		-
										_
										_
										_
										_
										_
										_
										2 —
										_
										_
										_
										_
										_ _
										_
										-
										-
										3 —
Rema	rks:	No ground	lwater e	ncountered.						
		No visual	or olfact	ory contamination not To be read in conjunct	ed. ion with 1	Γrial Pit S	ketch TP	02.		
Stabili	ty:	Stable.		,						

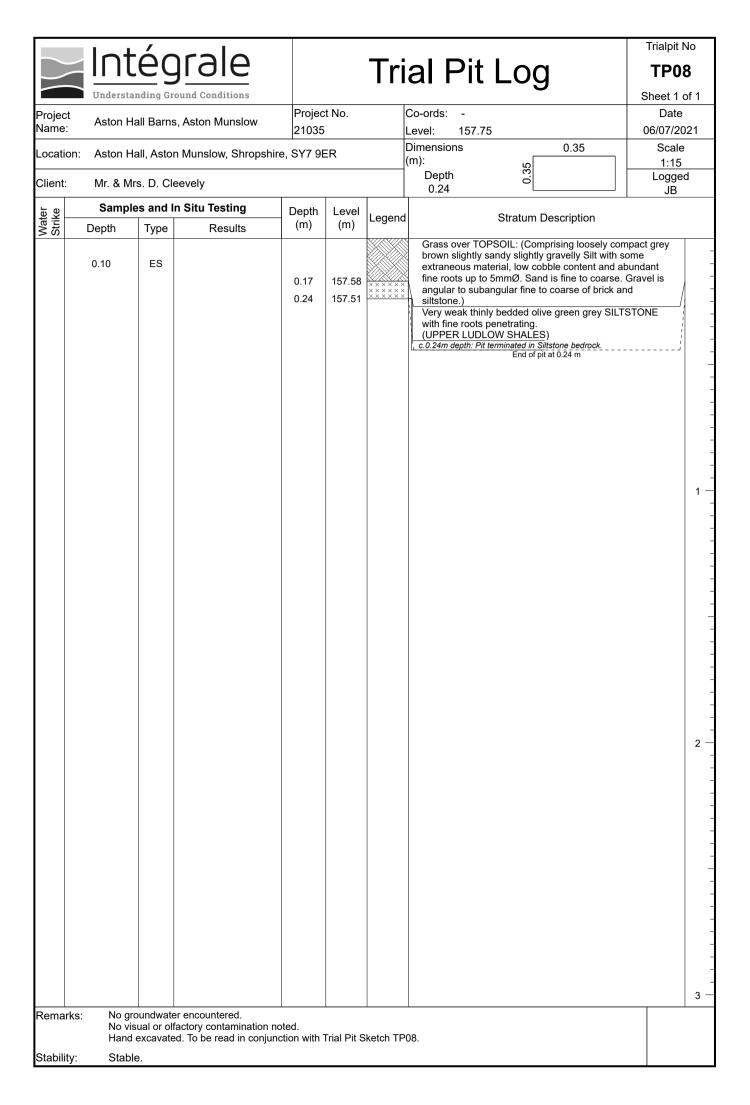
	In:	tég	rale			Tri	ial Pit Log	Trialpit N	
			nd Conditions					Sheet 1 d	of 1
Project Name:		Hall Barns, <i>I</i>	Aston Munslow	Project 21035			Co-ords: - Level: 157.85	Date 06/07/20	121
Locatio		Hall Aston M	Munslow, Shropshi				Dimensions 0.45	Scale	
Localic	on. Astoni	Hall, ASIOIT	viurisiow, Siliopsili				(m): 4:	1:15	4
Client:	Mr. & N	/Irs. D. Clee	vely				1.40	Logged JB	u
Water Strike	Samp	les and In	Situ Testing	Depth	Level	Legend	Stratum Description		
Str Wa	Depth	Туре	Results	(m)	(m)	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Grass over TOPSOiL: (Comprising soft brown s	diabtly	I
	0.05	ES		0.10	157.75		sandy slightly gravelly silty CLay with little extra material and abundant fine fibrous roots throug Sand is fine to medium. Gravel is angular fine of and siltstone.)  MADE GROUND: (Comprising moderately combrown grey sandy clayey angular to subangula coarse Gravel of siltstone with lesser brick and Medium cobble content. Locally pockets of brown Sand is fine to coarse. Cobbles are angular tabusiltstone)	neous hout. of brick  pact r fine to charcoal. wn clay.	
				0.69	157.16		Possible MADE GROUND: (Comprising soft oli grey slightly sandy gravelly locally very gravelly Gravel is angular to subangular fine to coarse of siltstone.)	/ Clay.	- - - - -
	1.00	D							1 —
				1.40	156.45		End of pit at 1.40 m		2
									3 -
Remar Stabilit	No v Han	visual or olfact d excavated.	encountered. story contamination n To be read in conjur		Trial Pit S	Sketch TF	203.		

		nté	gral	e			Tri	al Pit Log	Trialpit N	
			Ground Condi					311 13 = 3	Sheet 1 c	of 1
Projec Name		ston Hall Ba	arns, Aston Mu	inslow	Project			Co-ords: -	Date	0.4
					21035			Level: 157.00 Dimensions 0.4	06/07/20 Scale	21
Locati	on: A	ston Hall, A	ston Munslow	, Shropshire,	SY7 9E	:R 		(m):	1:15	
Client	: M	r. & Mrs. D.	Cleevely					Depth 00 1.00	Logged JB	d
ie e	5	Samples ar	nd In Situ Tes	ting [	Depth	Level		Objectives Description	<u> </u>	
Water Strike	Dep	oth Typ	pe Res	sults	(m)	(m)	Legend	Stratum Description		
N/S	0.4				0.80	156.20 156.00		Loosely compact blue grey angular medium to classalt chippings.  MADE GROUND: (Comprising soft red brown standy gravelly Clay with medium cobble contentine to coarse. Gravel is angular to subangular focarse of brick and siltstone. Cobbles are angulatabular of siltstone and lesser brick.)  Dense olive green grey angular COBBLES of silbound with slightly sand slightly gravelly clay. Set fine to medium. Gravel is angular to subangular coarse of siltstone.  (WEATHERED UPPER LUDLOW SHALES)  End of pit at 1.00 m	ightly t. Sand is ine to ar	1 —
Dari	miss.	No server !		rod						3 —
Rema	rks:	No visual o	water encounter r olfactory cont	amination note						
			vated. To be rea	ad in conjunctio	n with T	Γrial Pit S	ketch TP	04.		
Stabili	ity:	Stable.								



		ntéc	grale			Tri	al Dit I aa		Trialpit I	
						111	al Pit Log			
Projec		lerstanding Gi	round Conditions	Projec	rt No		Co-ords: -		Sheet 1 o	
Name	Ast	on Hall Barn	s, Aston Munslow	21035			Level: 156.64		06/07/20	
Locati	on: Ast	on Hall, Asto	n Munslow, Shropshir	e, SY7 9	ER		Dimensions	0.45	Scale	
011 /							(m): SE O		1:15 Logge	
Client:		& Mrs. D. Cl			T	1	0.17		JB	
Water Strike			In Situ Testing	Depth (m)	Level (m)	Legeno	Stratum D	escription		
₩ ŧ̄̄̄̄	Dept	h Type	Results	(111)	(111)	\(/\&\\/\&	Grass over TOPSOIL: (Comp	rising soft dark hr	OW/D	
	0.10	ES ES		0.17	156.47		slightly sandy slightly gravelly material and abundant fine file Sand is fine to coarse. Gravel fine of siltstone, brick and che c.0.17m depth: Pit terminated on ve with occasional marine fossils.  End of pit:	r Clay with little ex brous roots through I is angular to sub- arcoal.) ry weak olive green gr	traneous hout. angular	1 —
		No. array								3 —
Rema Stabili		No visual or ol	er encountered. factory contamination n ed. To be read in conjun	oted. ction with	Trial Pit S	ketch TP	06.			

	Inte	<u>é</u> g	rale			Tri	al Pit Log	Trialpit N	
	Understand	ling Gro	und Conditions					Sheet 1 c	of 1
Project Name:	Aston Hall	l Barns,	Aston Munslow	Project 21035			Co-ords: - Level: 155.82	Date 06/07/20	21
				_			Level:         155.82           Dimensions         0.45	Scale	
Location:	Aston Hall	I, Aston	Munslow, Shropshire	e, SY7 9l	=R 		(m):	1:15	
Client:	Mr. & Mrs.	D. Cle	evely				0.30 Pepth 0.30	Logged JB	d l
<u>-</u> 0	Samples	and In	Situ Testing	Depth	Level			0.5	
Water Strike		Туре	Results	(m)	(m)	Legend	Stratum Description		
	0.10	ES		0.28 0.30	155.54 155.52		Grass over TOPSOIL: (Comprising soft dark br slightly sandy slightly gravelly silty Clay with litt extraneous material and abundant fine fibrous throughout. Sand is fine to coarse. Gravel is an subangular fine to coarse of siltstone and brick.  Very weak olive green grey SILTSTONE recover angular coarse gravel.  (UPPER LUDLOW SHALES)  End of pit at 0.30 m	le roots igular to .)	1 —
									- 2 —
Remarks: Stability:	No visua	al or olfa ccavated	encountered. actory contamination no d. To be read in conjund	oted.	 Trial Pit S	ketch TP	07.		3 —



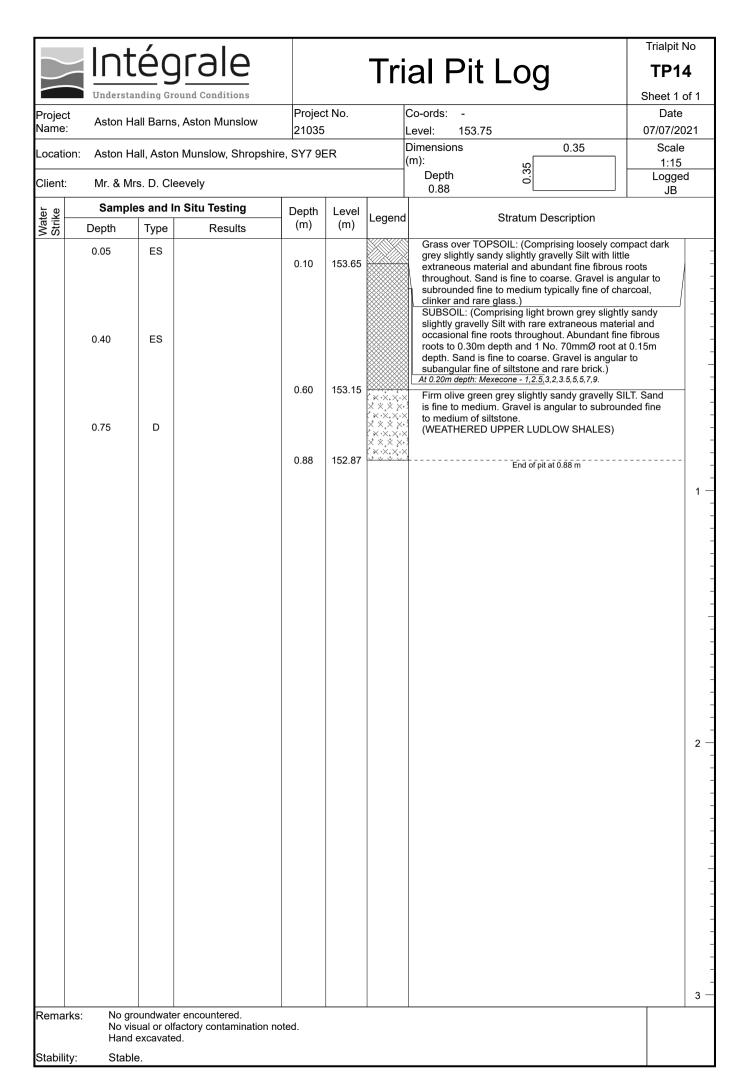
	L		<u>′</u>						Trialpit N	0
		IL	<u>e</u> ĉ	<u>rale</u>			Tri	al Pit Log	TP09	)
	Un	derstan	ding Gr	ound Conditions				_	Sheet 1 of	f 1
Projec	t As	ton Ha	ll Barns	s, Aston Munslow	Projec			Co-ords: -	Date	
Name					21035			Level: 159.69 Dimensions 0.4	06/07/202	21
Locati	on: As	ton Ha	II, Asto	n Munslow, Shropshire,	SY7 9E	R		(m):	Scale 1:15	
Client	: Mr	. & Mrs	s. D. Cl	eevelv				Depth 9.42	Logged	
				au =				0.13	JB	
Water Strike	Dep		Туре	Results	Depth (m)	Level (m)	Legend	Stratum Description		
S ⊗	Бер	uı	Type	Results	( )			Weak pale grey CONCRETE. 50% aggregate ar	ngular to	
					0.10	159.59	×××××	subangular fine to medium of siltstone. 50% mat fines. DPM at base.	trix of	
					0.13	159.56		Very weak olive green grey SILTSTONE.		-
								(UPPER LUDLOW SHALES) End of pit at 0.13 m	· · · · · · · · · · · · · · · · · · ·	4
										-
										-
										-
										1 –
										-
										-
										-
										_
										-
										2 —
										4
										1
										-
										1
										4
										_
										4
										1
										+
										4
										3 —
Rema		No visu	ual or olf	er encountered. factory contamination note	ed.					
<b>.</b>		Hand e	excavate	ed with breaker. To be rea	d in conju	unction w	ith Trial F	it Sketch TP09.		
Stabili	itv.	Stable							1	

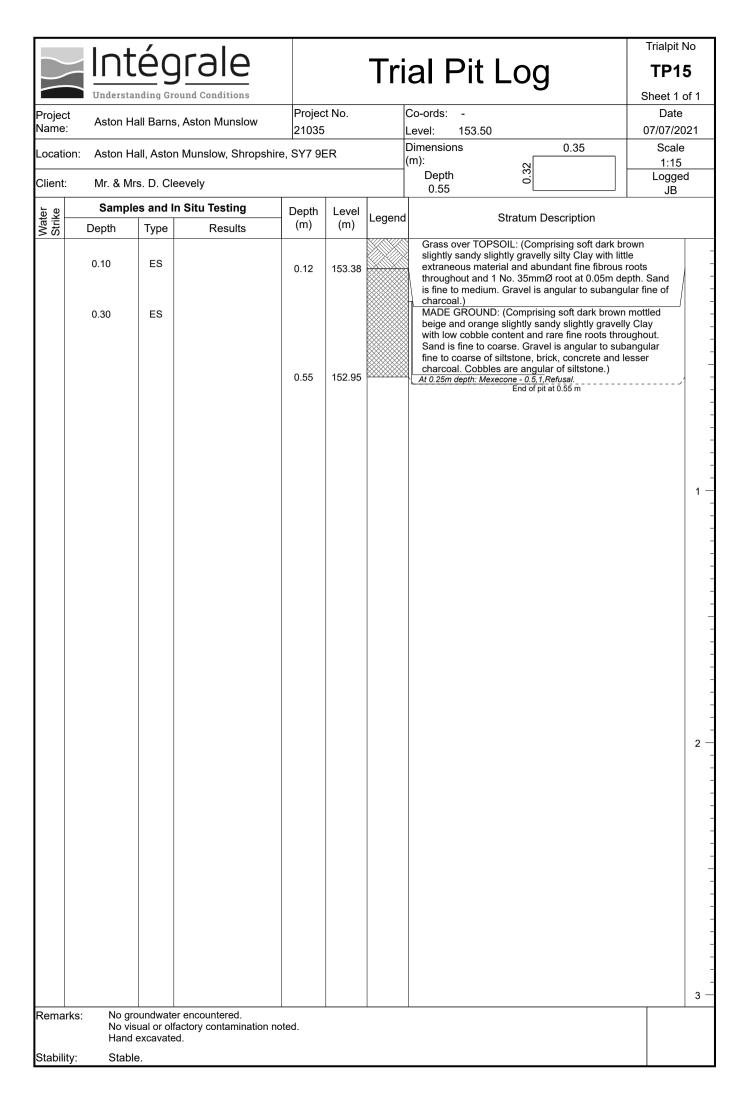
	lla+á.					Trialpit N	10	
		<u>grale</u>			Tri	al Pit Log	TP10	
	Understanding	Ground Conditions	<u> </u>				Sheet 1 c	of 1
Project Name:	Aston Hall Bar	ns, Aston Munslow	Projec 21035			Co-ords: - Level: 159.69	Date 06/07/20	21
		to a Maria de la Characteria				Dimensions	Scale	
Location	: Aston Hall, As	ton Munslow, Shropshire,	SY/ 9E	=K		(m):	1:15	
Client:	Mr. & Mrs. D.	Cleevely				Depth 0.16	Logged JB	
er (e	Samples and	In Situ Testing	Depth	Level	Legend	Stratum Description		
Water Strike	Depth Type	Results	(m)	(m)	Legend			
			0.10 0.14 0.16	159.59 159.55 159.53		Weak pale grey CONCRETE. 50% aggregate a subrounded fine to medium of siltstone. 50% m. fines. DPM at base.  MADE GROUND: (Comprising loosely compact to coarse Sand with pockets of brown sandy clavery weak olive green grey SILTSTONE. (UPPER LUDLOW SHALES)  End of pit at 0.16 m	atrix of red fine	1
Remarks	No visual or	ater encountered. olfactory contamination note	ed.					
Stability:	Hand excava	ated with breaker. To be read	d in conji	unction w	ith Trial F	Pit Sketch TP10.		

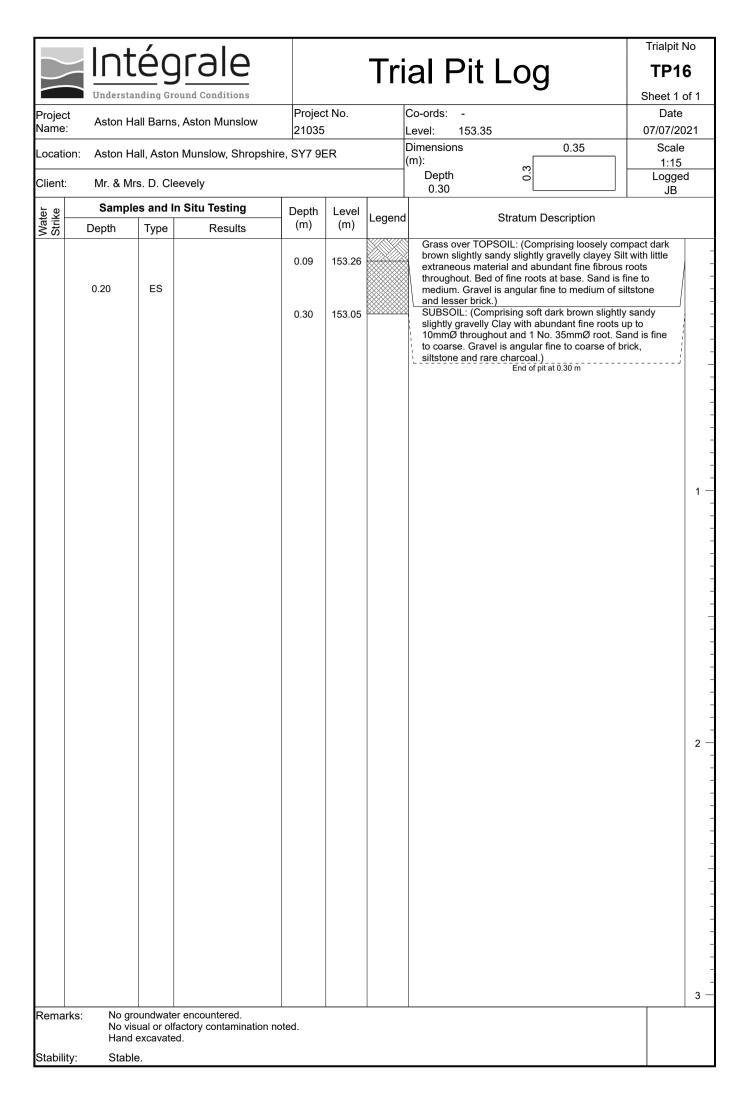
7	Int	<u> </u>	rale			_		Trialpit N	
	1110	<u></u>	1016			Ir	al Pit Log	TP1	1
Duningt		nding Gro	ound Conditions	Projec	st No		Co-ords: -	Sheet 1 o	of 1
Project Name:	Aston H	all Barns,	, Aston Munslow	21035			Level: 156.30	06/07/20	21
Locatio	n: Aston H	all, Aston	Munslow, Shropshir	e, SY7 9l	ER		Dimensions 0.35 (m):	Scale	
Client:	Mr & Mı	rs. D. Cle	evelv				Depth 👸	1:15 Logged	d
			Situ Testing	Double	11		1.20	JB	
Water Strike	Depth	Туре	Results	Depth (m)	Level (m)	Legend	d Stratum Description		
	0.50	ES		1.20	155.10		MADE GROUND: (Comprising soft brown grey sandy slightly gravelly locally gravelly Clay. Sa to coarse. Gravel is angular to subangular fine of brick, siltstone and rare concrete.)  c.1.20m depth: Pit terminated on apparent Siltstone bedreen bedree	nd is fine to coarse	1
Remark Stability	No vis Hand	sual or olfa excavated	r encountered. actory contamination n d. To be read in conjun	oted. ction with	Trial Pit S	sketch TF	P11.		

		$\bigcap$	<u></u>	grale			<del>-</del> -	1 5 4		Trialpit N	
		110		<u> Ji ole</u>			Iri	al Pit L	.og	TP1	2
		nderstand	ling Gr	ound Conditions	Projec	t No		Co-ords: -		Sheet 1 o	of 1
Projed Name		ston Hall	Barns	s, Aston Munslow	21035			Level: 155.08		07/07/20	21
Locati	on: A	ston Hall	l, Asto	n Munslow, Shropshire	, SY7 9E	ΞR		Dimensions (m):	0.4	Scale	
Client	: N	Ir. & Mrs.	. D. Cl	eevelv				Depth	4.0	1:15 Logge	d
				n Situ Testing	Donth	Lovel		0.60		JB	
Water Strike	De		Туре	Results	Depth (m)	Level (m)	Legend	Str	ratum Description		
3	0.3		ES		0.60	154.48		compact dark brown clayey Silt with little roots and rare roots fine to medium. Grav coarse typically fine	OPSOIL: (Comprising loose slightly sandy slightly gravextraneous material, occas up to 10mmØ throughout. Sivel is angular to subrounde of brick, charcoal and siltstend of pit-Siltstone bedrock expeted by rare fine roots.    The standard of pit at 0.60 m   The standard of pit at 0.60 m	elly ional fine Sand is d fine to one.)	1 —
											3 —
Rema Stabili		No visua	al or olf	er encountered. factory contamination no ed. To be read in conjunc	ed. ion with <sup>-</sup>	Trial Pit S	ketch TP	12.			

		ntég	grale			Tri	al Pit Log	Trialpit I	
	Un	derstanding Gr	ound Conditions					Sheet 1	of 1
Projec Name	t As	ton Hall Barns	s, Aston Munslow	Project 21035			Co-ords: - Level: 153.21	Date 07/07/20	
		I I - II . A - 4 -					Level: 153.21 Dimensions 0.45	Scale	
Locati	on: As	ton Hall, Asto	n Munslow, Shropshire	e, SY7 9E	=K		(m):	1:15	
Client	: Mr	. & Mrs. D. Cl	eevely				0.50 4.	Logge JB	d
er (e	S	amples and I	n Situ Testing	Depth	Level	Lagana	Stratum Description	1	
Water Strike	0.30 0.60	th Type	Results	0.42 0.50	152.79 152.71	Legence	Grass over TOPSOIL: (Comprising loosely corbrown slightly sandy slightly gravelly clayey Sil abundant fine fibrous roots throughout and occ roots up to 10mmØ to 0.30m depth. Sand is fir medium. Gravel is angular fine of siltstone with and charcoal.)  c.0.25m depth: Root penetration through footing.  Very weak olive green grey SILTSTONE recov	t with casional le to l rare brick  ered as	1 —
									3 —
Rema Stabili		No visual or of	er encountered. factory contamination no ed. To be read in conjunc		Trial Pit S	ketch TP	13.		







	1.	<u></u>	<u> </u>						Trialpit No	
			_	<u>rale</u>			Tri	al Pit Log	TP17	
	Un	derstan	ding Gr	ound Conditions				_	Sheet 1 of 1	
Project Name	ct . As	ston Hal	l Barns	s, Aston Munslow	Projec			Co-ords: -	Date	
					21035			Level: 152.70 Dimensions 0.31	07/07/2021 Scale	
Locati	ion: As	ston Hal	I, Astoı	n Munslow, Shropshire,	SY7 9E	R		m).	1:15	
Client	: Мі	r. & Mrs	. D. Cle	eevely				Depth 87 0 0.26	Logged JB	
<u>_</u> 0	S	amples	and I	n Situ Testing	Depth	Level		1	05	
Water Strike	Dep		Туре	Results	(m)	(m)	Legend	Stratum Description		
Wa Stri	0.2		ES	Results	(m) 0.07 0.26	(m) 152.63 152.44		Grass over TOPSOIL: (Comprising soft dark bro slightly sandy slightly gravelly clayey Silt with ab fine fibrous roots throughout. Sand is fine to med Gravel is angular to subangular fine to medium siltstone.)  SUBSOIL: (Comprising soft to firm light brown g slightly sandy slightly gravelly Silt with abundant roots throughout. Sand is fine to medium. Grave angular to subangular fine to coarse of siltstone.  End of pit at 0.26 m	undant dium. of rey fine fine fine fine fine fine fine fine	
									3	- 3 —
Rema			al or olf	er encountered. actory contamination noted.	ed.	<u> </u>	<u> </u>			

		nté	<u></u>	rale			Tri	al Pit Log	Trialpit N	
				ound Conditions			111	al Fit Log	Sheet 1 c	_
Projec	¬t				Projec	t No.		Co-ords: -	Date	ו וכ
Name		ston Hall	Barns	, Aston Munslow	21035			Level: 158.50	07/07/20	21
Locati	ion: As	ston Hall,	, Astor	n Munslow, Shropshire	e, SY7 9E	ĒR		Dimensions 0.7 (m):	Scale 1:15	
Client	: Mı	r. & Mrs.	D. Cle	eevely				Depth o	Logged	d
				n Situ Testing	Donth	Level		0.60	JB	
Water Strike	Dep		Туре	Results	Depth (m)	(m)	Legeno	Stratum Description		
W. Str	0.2		ES ES	Results	0.25	158.25		MADE GROUND: (Comprising loosely compact brown slightly sandy slightly gravelly Silt with m cobble content. Sand is fine to coarse. Gravel is to subangular fine to coarse of siltstone an brick rare charcoal and slate.)  MADE GROUND: (Comprising moderately combrown angular Cobbles of siltstone bound with sandy gravelly silt. Sand is fine to coarse. Gravel angular to subangular fine of siltstone and brick.  End of pit at 0.60 m	edium s angular k with  pact slightly el is	1
										3 —
Rema Stabili		No visua	l or olf	er encountered. actory contamination no d. To be read in conjund	ted. tion with <sup>-</sup>	Trial Pit S	ketch TF	218.		

		ntéc	rale			Tri	al Pit Log	Trialpit N	
	$\overline{}$		ound Conditions			111	arr it Log	Sheet 1 d	
Projec	<b>\</b>			Projec	t No.		Co-ords: -	Date	JI 1
Name		on Hall Barns	, Aston Munslow	21035			Level: 158.20	07/07/20	21
Locati	on: Asto	on Hall, Astor	n Munslow, Shropshir	e, SY7 9I	ER		Dimensions 0.43 (m):	Scale	
Cliant		9 Mag D Cla					Depth 0	1:15 Logge	
Client		& Mrs. D. Cle					0.60	JB	
Water Strike	<b>Sa</b> Depth		n Situ Testing Results	Depth (m)	Level (m)	Legeno			
				0.10	158.10		Weak pale grey CONCRETE. 50% aggregate a subrounded fine to medium of siltstone. 50% m	atrix of	
				0.20	158.00		MADE GROUND: (Comprising dark grey subar Cobbles of basalt.)		_
	0.40	ES		0.26	157.94	× × ×	MADE GROUND: (Comprising firm green grey sandy slightly gravelly clayey Silt. Sand is fine to Gravel is angular to subangular fine of brick, chand siltstone.)	to coarse. larcoal	-
	0.40					× ^ × × × ×	Medium dense olive green grey silty sandy and subangular fine to coarse typically medium to community of GRAVEL with medium cobble content. Sand is	oarse	-
				0.60	157.60	× • • • × • •	medium. Cobbles are angular to siltstone. (WEATHERED UPPER LUDLOW SHALES)  End of pit at 0.60 m		-
									-
									- - 1 —
									- - -
									- - -
									- - -
									- - -
									- - -
									- - -
									2 —
									-
									- - -
									- - -
									-
									- - 3 —
Rema	N	lo visual or olf	er encountered. actory contamination no d with breaker. To be re		unction w	rith Trial I	Pit Sketch TP19.		
Stabili	ity: S	Stable.							

	Int	ég	rale			Tr	ial Pit Log	Trialpit	
			ound Conditions					Sheet 1	of 1
Project Name:	Aston Ha	all Barns	s, Aston Munslow	Projec			Co-ords: -	Date	
				21035			Level: 158.10 Dimensions 0.4	07/07/20 Scale	
Location	n: Aston Ha	all, Asto	n Munslow, Shropshire	e, SY7 9l	=R 		(m):	1:15	
Client:	Mr. & Mrs	s. D. Cl	eevely				Depth $\circ$ 0.95	Logge JB	d
er (e	Sample	s and I	n Situ Testing	Depth	Level	Legen	Stratum Description		
Water	Depth	Туре	Results	(m)	(m)	Legen			
				0.10	158.00		Weak grey CONCRETE. 50% aggregate angular siltstone. 50% matrix of fines.  MADE GROUND: (Comprising loosely compact grey angular tabular Cobbles of dominantly siltst	orown	
							lesser brick.)	Sile with	
				0.95	157.15		End of pit at 0.95 m		1 —
									2 —
									3 —
Remark	No vis	ual or olf	er encountered. factory contamination no ed with breaker. To be re	oted.	unction w	ı vith Trial	Pit Sketch TP20.		1

Stability:

			rale			Tri	al Pit Log	Trialpit 1	1
Project			and Conditions	Projec	t No.		Co-ords: -	Sheet 1 o	
Name:	Aston F	lall Barns,	Aston Munslow	21035			Level: 158.20	07/07/20	
Locatio	n: Aston F	lall, Aston l	Munslow, Shropshir	e, SY7 9I	ΞR		Dimensions 0.58 (m):	Scale 1:15	
Client:	Mr. & N	Irs. D. Clee	evely				0.95 47 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Logge	
			Situ Testing	Depth	Level			JB	
Water	Depth	Туре	Results	(m)	(m)	Legeno	Stratum Description		
	0.30	ES		0.10	158.10 157.52		Brick sets (on edge).  MADE GROUND: (Comprising soft to firm grey slightly sandy slightly gravelly Silt with low cobb content. Sand is fine to coarse. Gravel is anguls subangular fine to coarse of siltstone and lesse and plastic. Cobbles are angular tabular of silts  Very weak olive green grey SILTSTONE recovers.	ole ar to r brick tone.)	-
						× × × × × × × × × × × × × × × × × × ×	sandy silty angular fine to coarse gravel. (UPPER LUDLOW SHALES)		- - -
				0.95	157.25		End of pit at 0.95 m		1 —
									2 —
Remark	κs: No α	roundwater	encountered.						3
Remark Stability	No vi Hand	sual or olfact l excavated.	encountered. ctory contamination n . To be read in conjun		Trial Pit S	ketch TF	21.		

		ntéc	grale			Tri	al Pit Log	Trialpit N	
			round Conditions				arr it Log	Sheet 1 c	
Projec		ton Hall Barn	s, Aston Munslow	Projec			Co-ords: -	Date	
Name	:			21035	j		Level: 157.60 Dimensions 0.5	07/07/20 Scale	
Locati	on: Ast	ton Hall, Asto	n Munslow, Shropshire	, SY7 9I	ER		(m):	1:15	
Client	: Mr.	& Mrs. D. Cl	eevely				Depth 5.53	Logged JB	d
er (e	Sa	amples and	In Situ Testing	Depth	Level				
Water	0.40 1.00	) ES	Results	(m) 0.75	(m)	Legend X X X X X X X X X X X X X X X X X X X	Siltstone Chippings / MADE GROUND: (Compri loosely compact pink brown slightly sandy claye angular to subangular fine to coarse Gravel of b concrete and siltstone with low cobble content. Since to coarse. Cobbles are angular of siltstone.)	ey silty orick, Sand is )	
	1.50								1
Rema	rks:	No groundwat	er encountered.	1.53	156.07		End of pit at 1.53 m		2
Rema		No visual or ol	er encountered. factory contamination not ed. To be read in conjunct	ed.	Trial Pit S	Sketch TF			
Stabili		Stable.							

	$\overline{}$		rale			Tri	al Pit Log	-	rialpit No TP23 neet 1 of 1
Projec	t Aston Hol		Aston Munslow	Projec			Co-ords: -		Date
Name	•			21035			Level: 156.90 Dimensions 0.7	90	3/07/2021 Scale
Locati	on: Aston Hal	I, Aston	Munslow, Shropshire	e, SY7 9E	ER		(m):	7	1:15
Client				I			Depth 0.33		Logged JB
Water Strike			Situ Testing Results	Depth (m)	Level (m)	Legend	Stratum Description		
W&Str	0.20	D D	Results	0.02 0.33	156.88 156.57		MADE GROUND: (Comprising loosely comproved brown yellow silty gravelly fine to coarse Sangular fine to coarse of siltstone with timb and straw.)  Very weak brown grey SILTSTONE. (UPPER LUDLOW SHALES)	and. Grave	el is is is its
									3 -
Rema			ncountered. ory contamination noted.	I.	I	I.	1		I

Stability:

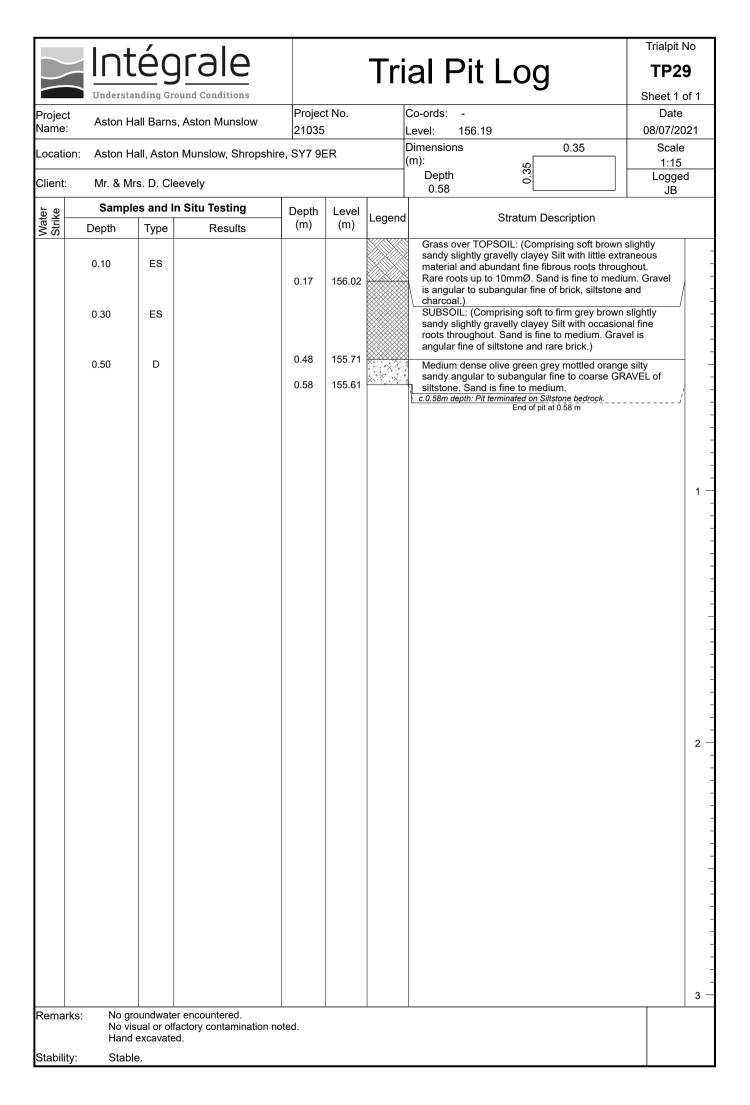
		ntéc	grale			Tri	al Dit Log	Trialpit N	
			ound Conditions			111	al Pit Log		
Projec	\ <del>t</del>			Projec	t No.		Co-ords: -	Sheet 1 o	
Name		ton Hall Barns	s, Aston Munslow	21035			Level: 156.90	08/07/20	
Locati	on: As	ton Hall, Astoı	n Munslow, Shropshii	e, SY7 9l	ER		Dimensions 0.4 (m):	Scale 1:15	
Client	: Mr.	& Mrs. D. Cle	eevely				Depth 0.40	Logge	
e e	S	amples and I	n Situ Testing	Depth	Level	Logono	Stratum Deparintion	-	
Water Strike	Dep	th Type	Results	(m)	(m)	Legend			
	0.20		INCOUNTS	0.09	156.81		COBBLE sets comprising subrounded quartzite  MADE GROUND: (Comprising moderately combrown sandy very clayey angular to subangular coarse Gravel of siltstone with rare brick and prosent brown gravelly clay.)  c.0.09-0.40m depth: In S face of pit - Siltstone bedrock extends of pit at 0.40 m	pact grey fine to ockets of	1 —
									3 —
Rema Stabili		No visual or olf	er encountered. factory contamination n d with breaker. To be re	oted. ead in conj	unction w	vith Trial I	Pit Sketch TP24.		

		nté	29	rale			Tri	al Pit Log	Trialpit N	
				und Conditions				3.1 1.1 2.3	Sheet 1 c	of 1
Projec	ct A	ston Hall I	Barns,	, Aston Munslow	Projec			Co-ords: -	Date	
Name	;. 				21035			Level: 156.80 Dimensions 0.45	08/07/20	21
Locati	ion: A	ston Hall,	Aston	Munslow, Shropshire	e, SY7 9E	ΞR		(m):	Scale 1:15	
Client	:: M	r. & Mrs. [	D. Cle	evely				Depth 6	Logged	t
	I			Situ Testing				0.55	JB	
Water Strike	De		ype	Results	Depth (m)	Level (m)	Legend	Stratum Description		
<u>&gt;                                    </u>	0.3		ES	IVESUIIS	0.55	156.25		MADE GROUND: (Comprising loosely compact slightly sandy slightly gravelly Silt with low cobb content. Sand is fine to coarse. Gravel is angula subangular fine to coarse of siltstone, plastic, st rare polystyrene. Cobbles are angular of siltstone bedrock exposed in N, W and S fabelow footing.  C.O.3m depth: Siltstone bedrock exposed in N, W and S fabelow footing.  C.O.55m depth: Pit terminated on Siltstone bedrock.  End of pit at 0.35 m	le ar to raw and ne.)	1
Rema	ırks <sup>.</sup>	No aroun	dwater	r encountered.						
	Remarks: No groundwater encountered. No visual or olfactory contamination note					Trial Dit O	katah T	25		
Stahil	itv·		uvalti	a. 10 be read in conjunc	aon willi	mai rit S	ROLOII IF	۷۰.		
Stabil	Hand excavated. To be read in conjunction with Trial Pit Sketch TP25.  Stability: Stable.									

		<u>_</u>	ÁC	مرمام					_	Trialpit l	No
		ΙΙ	<u>e</u> ç	<u>rale</u>			Tri	ial Pit	Log	TP2	6
		nderstan	iding Gr	ound Conditions	<u>.</u>					Sheet 1	
Projec Name:	t : A:	ston Ha	ıll Barns	s, Aston Munslow	Project 21035			Co-ords: - Level: 156.80	)	Date 08/07/20	
Location	on: A	ston Ha	ıll. Asto	n Munslow, Shropshire				Dimensions	0.45	Scale	)
					,			(m): Depth	0.45	1:15 Logge	
Client:		r. & Mrs				Ι		0.22		JB	
Water Strike	Dep		s and I Type	n Situ Testing Results	Depth (m)	Level (m)	Legend	i	Stratum Description		
≤ Ø	Del	Jui	туре	Results		( )		Cobble sets con	mprising cemented subangular t	to	
					0.10	156.70	××××× ××××××	subrounded of o	y bedded olive green grey SILTS	STONE.	-
					0.22	156.58	××××× ××××××		DW SHALES)  End of pit at 0.22 m		_
									End of pit at 0.22 III		-
											_
											_
											_
											_
											-
											_
											-
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											-
											-
											-
											_
											_
											2 —
											-
											-
											_
											3 —
Remar	rks:	No visu	ual or olf	er encountered. factory contamination no	ted.						
C4 1	<b>.</b>	Hand e	excavate	ed with breaker. To be rea	ad in conj	unction w	ith Trial I	Pit Sketch TP26.			
Stabilit	ty:	Stable	).							1	

		nté	grale			Tri	al Pit Log	Trialpit I	
	Un	derstanding	Ground Conditions					Sheet 1	of 1
Projec Name:	t As	ston Hall Ba	rns, Aston Munslow	Projec			Co-ords: -	Date	
				21035			Level:         157.66           Dimensions         0.45	08/07/20 Scale	
Location	on: As	ston Hall, As	ston Munslow, Shrops	shire, SY7 9	ER ———		(m):	1:15	
Client:	М	r. & Mrs. D.	Cleevely				Depth 9.26	Logge JB	d
<u></u>	S	Samples an	d In Situ Testing	Depth	Level				
Water Strike	Dep			(m)	(m)	Legend	Stratum Description		
"				0.07	457.50		Brick Sets (laid flat).		
	0.2	0 D		0.26	157.40		Medium dense olive green grey slightly sandy angular to subangular fine to coarse GRAVEL siltstone. Sand is fine to medium. (WEATHERED UPPER LUDLOW SHALES)    c.0.26m depth: Pit terminated in Siltstone bedrock. End of pit at 0.26 m	silty of	1 —
Remov	rke·	No ground	vater encountered						3 —
	Remarks: No groundwater encountered. No visual or olfactory contamination noted. Hand excavated with breaker. To be read in conjunction with Trial Pit Sketch TP27.  Stability: Stable.								

		<u></u>	<u> </u>						Trialpit N	lo
			₹.	<u>rale</u>			Tri	al Pit Log	TP28	3
	Un	derstand	ling Gr	ound Conditions				_	Sheet 1 c	of 1
Projed Name	t As	ston Hall	Barns	s, Aston Munslow	Project			Co-ords: -	Date	0.4
					21035			Level: 158.65 Dimensions 0.3	08/07/20 Scale	21
Locati	on: As	ston Hall	, Astor	n Munslow, Shropshire,	SY7 9E	R		m):	1:15	
Client	: M	r. & Mrs.	D. Cle	eevely				Depth 0.21	Logged JB	i
<u>_</u> 0	S	Samples	and I	n Situ Testing	Depth	Level		1	<u> </u>	
Wate Strik	Dep		Туре	Results	(m)	(m)	Legend	Stratum Description		
Water Strike	0.1		Type ES		(m) 0.10 0.21		Legend	Weak pale grey CONCRETE. 50% aggregate. 5 matrix of fines.  MADE GROUND: (Comprising loosely compact grey very silty fine to medium Sand. Gravel is at subangular of siltstone and brick.)  c.0.21m depth: Pit terminated in Siltstone bedrock.  End of pit at 0.21 m	brown	1 —
Rema		No visua	al or olf	er encountered. actory contamination noted d with breaker.	ed.					3 —



	lnt	ÁC	rale			_		Trialpit l	
	1110	<u> </u>	<u>Ji die</u>			I r	al Pit Log	TP3	0
	Understa	nding Gro	ound Conditions	Projec	ot No		Co-ords: -	Sheet 1	
Project Name:	Aston H	all Barns	, Aston Munslow	21035			Level: 158.30	08/07/20	
Locatio	n: Aston H	all, Astor	n Munslow, Shropshir	e, SY7 9I	ΞR		Dimensions 0.5 (m):	Scale 1:15	
Client:	Mr. & Mı	s. D. Cle	eevelv				Depth o	Logge	
			n Situ Testing	Depth	Level		1.20	JB	
Water Strike	Depth	Туре	Results	(m)	(m)	Legend	Stratum Description		
	0.40	ES		1.20	157.10		Probable MADE GROUND: (Comprising moder compact olive green grey angular tabular COBE siltstone bound with much slightly sandy slightly silt. Sand is fine to medium. Gravel is angular fit coarse of siltstone.)  End of pit at 1.20 m	BLES of gravelly	2
Remarks: No groundwater encountered. No visual or olfactory contamination noted. Hand excavated. To be read in conjunction with Trial Pit Sketch TP30.  Stability: Stable.									

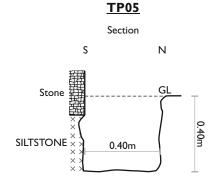
_	Llot	<u></u>	بدعام					Trialpit N	No
<u>Intégrale</u>					Tr	al Pit Log	TP3		
		anding Gro	und Conditions	Duning	4 NI =		Co anda:	Sheet 1 o	
Aston Hall Barns Aston Munslow			21035	-		Co-ords: - Level: 158.25	Date 08/07/2021		
Location: Aston Hall, Aston Munslow, Shropshire, S			1			Dimensions 0.6	Scale		
							(m): Depth	1:15 Logge	d
Client	: Mr. & M	rs. D. Cle	evely				1.30	JB	<b>-</b>
Water Strike	Sampl Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description		
Rema	1.20	D	rencountered.	0.95	157.30	(x,x,x,x,x,x,x,x,x,x,x,x,x,x,x,x,x,x,x,	is fine to medium. Graver is angular fine to medii siltstone. (WEATHERED UPPER LUDLOW SHALES)	rown  T. Sand	1
I Cilia	No vi	sual or olfa	ctory contamination note	ed.		–			
			d. To be read in conjunction	on with <sup>-</sup>	rial Pit S	ketch TF	731.		
Stability: Spalling to 1.0m depth.									

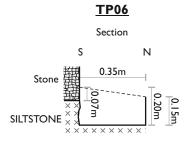


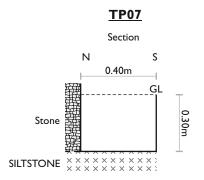
Trial Pit Sketch: Project Name: Aston Hall Barns, Aston Munslow Project No. 21035 Client: Mr. & Mrs. D. Cleevely Date Excavated: 06/07/2021 TP01-TP04 Logged by: Joseph Begaj Scale: 1:20 **TP01 TP02** Section Section Ε Ε Stone to 0.35mAGL Brick 0.30m 0.40m 0.56m Stone Stone 0.05m SILTSTONE TP03 **TP04** Section Section W E S Ν GL 0.45m 0.25m Stone .40m Stone 1.00m SILTSTONE Base of footing unclear/not proven Note: To be read in conjunction with detailed Trial Pit logs TP01, TP02, TP03 and TP04.

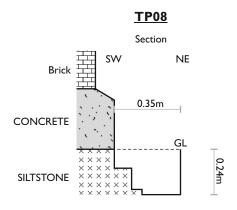


Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch:
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 06/07/2021	<b>TP05-TP08</b>
Logged by: Joseph Begaj	Scale: 1:20	1103-1106









Note: To be read in conjunction with detailed Trial Pit logs TP05, TP06 and TP08.



Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035 Trial Pit Sketch:		
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 6-7/07/2021 TP00-TP12		
Logged by: Joseph Begaj	Scale: 1:20		
Section  S N  0.35m  Brick  SILTSTONE  X X X X X X X X X X X X X X X X X X X	Section  W E 0.30m  GL SILTSTONE  SILTSTONE		
Plan  Wall Line  0.40m	Plan Wall Line 0.40m		
<u>TP11</u>	TP12		
Section E W	Section N S		
Stone 0.35m	0.40m  GL  Brick  0.08m  0.23m  0.60m  SILTSTONE  XXXXXX		
Apparent bedrock			

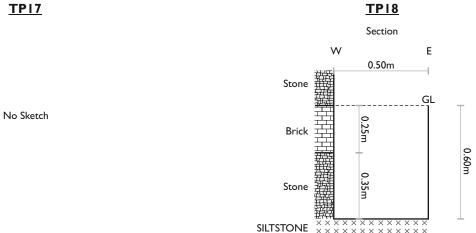


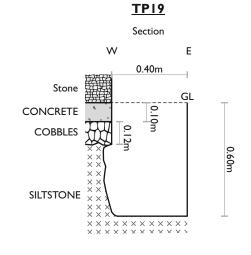
Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch:
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 07/07/2021 TP13_TP	
Logged by: Joseph Begaj	Scale: 1:20	11 13-11 10
<u>TP13</u>	<u>TP1</u>	1 <u>4</u>
Section		
N S		
0.45m 0.10m Brick 0.10m	No Ske	etch
0.50m		
SILTSTONE ********		
<u>TP15</u>	<u>TP1</u>	<u> 16</u>
No Sketch	No Ske	etch

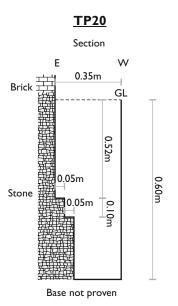
Note: To be read in conjunction with detailed Trial Pit log TP13.



Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch:
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 07/07/2021	TP17-TP20
Logged by: Joseph Begaj	Scale: 1:20	1117-11-20







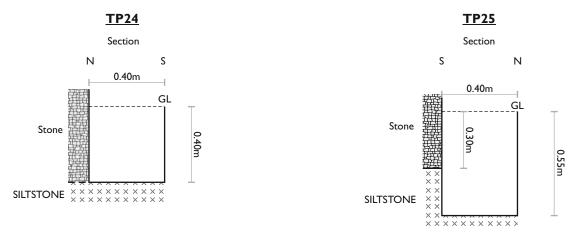
Note: To be read in conjunction with detailed Trial Pit log TP18, TP19 and TP20.

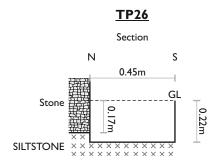


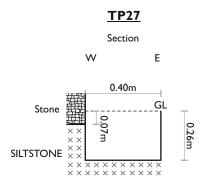
Trial Pit Sketch: Project Name: Aston Hall Barns, Aston Munslow Project No. 21035 Client: Mr. & Mrs. D. Cleevely Date Excavated: 7-8/07/2021 TP21-TP23 Logged by: Joseph Begaj Scale: 1:20 <u>TP21</u> **TP22** Section Section Ν Ε 0.50m 0.50m GL Stone 0.95m 0.10m Stone SILTSTONE Depth of footing unclear/not proven **TP23** Section A Section B Plan Wall Ε Ν Line 0.40m 0.70m 0.40m Brick <sup>⊥</sup> Stone ₹ 0.33m SILTSTONE SILTSTONE Note: To be read in conjunction with detailed Trial Pit log TP21, TP22 and TP23.



Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch:
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 08/07/2021	<b>TP24-TP27</b>
Logged by: Joseph Begaj	Scale: 1:20	11 24-11 21







Note: To be read in conjunction with detailed Trial Pit log TP24, TP25, TP26 and TP27.



Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch:
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 08/07/2021	TP28-TP31
Logged by: Joseph Begaj	Scale: 1:20	1720-1731

<u>TP28</u> <u>TP29</u>

No Sketch No Sketch

