The Flag Fen Auger Survey

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Survey, graphics, photos: Jane Matthews, David Matzliach & Charlotte Walton

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PROJECT DATA

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SUMMARY

The Flag Fen auger survey was commissioned by the Flag Fen Futures Group and funded by Peterborough Limited and the McDonald Institute's Fenlands Futures Archaeology and Heritage Research Initiative (FFAHRI). The objective of the auger survey was the creation of a definitive model of the Flag Fen Basin in the vicinity of the Flag Fen post-alignment and platform corridor; accurately mapping the pre-Holocene land surface and characterising the surviving Holocene sediment sequence.

The auger survey involved a 1100m x 500m grid of 235 individual auger points spaced at 50m intervals. The survey grid encompassed the 1.1km long path of the Flag Fen post-alignment/platform, starting at Fengate (west) and ending at Northey Island (east). In the event, the survey successfully achieved a total of 200 points (issues of access, concrete culverts and high-pressure gas mains precluded the remaining 35 points).

The largely soft, yet cohesive deposits that characterised this part of the Flag Fen Basin proved to be particularly amenable to the hand auger survey methodology. Beyond a dry, friable plough soil and compacted alluvial cover, the deposit sequence comprised mostly malleable peats, silty peats, organic silts and sandy clays. A buried soil horizon was recorded in the majority of the auger holes. The base deposit involved clayey gravels (March Gravels) which proved to be generally impenetrable with the hand auger.

The deepest auger hole was 3.8m, the shallowest 0.2m (average depth: 1.46m). The lowest recorded point in the basin equalled -1.24m OD, whilst the highest equalled 2.87m OD, a difference of 4.11m.

The resulting model established an asymmetrical, bowl-shaped profile with a clear dip towards its eastern end. In plan, the model showed the basin to have a relatively gentle gradient across its western half (the highest contour equalling 0.80m OD, the lowest 0.20m OD), beside a 250-300m wide 'valley' that bottomed out at about -1.00m OD across most of its eastern half. The relative steepness of the adjacent island edge of Northey (0.00m OD to 2.00m OD in approximately 100m) further exaggerated the basin's asymmetric profile. By way of contrast, the landfall towards Fengate was far less dramatic, although it did include another slight depression near the basin's edge. A narrow promontory, situated very close to the route of the western stretch of the post-alignment was another distinct topographical feature.

Unquestionably, the two most significant outcomes of the new model are: 1) confidence in its authenticity in comparison to all previous models of the monument's setting, and, 2) the very evident interrelationship between the projected location of the Flag Fen platform and the location of the deeper and wetter valley zone situated along the eastern margins of the basin.

ACKNOWLEDGEMENTS

The Flag Fen auger survey was commissioned by the Flag Fen Futures Group and funded by Peterborough Limited and the McDonald Institute's Fenlands Futures Archaeology and Heritage Research Initiative (FFAHRI).

Historic England provided scheduled monument consent for the auger survey, and we are most grateful to Will Fletcher for rapid turnaround on the consent.

The Project Design was prepared by Mark Knight (Senior Project Officer, Cambridge Archaeological Unit), Matthew Brudenell (Director, Cambridge Archaeological Unit), Phil Stastney (Senior Research Associate, Fenscapes Project, The McDonald Institute of Archaeological Research), Jane Matthews (Head of Survey, Cambridge Archaeological Unit) and Chris Wakefield (Engagement and Communications Officer, Cambridge Archaeological unit).

The auger survey involved 21 volunteers (including staff from the Flag Fen Archaeology Park), five members of the Fenland Young Archaeologists' Club (YAC), the Mayor of Peterborough & Cambridgeshire and the Member of Parliament for Peterborough. Libby Stone from Fenscapes helped with the auger survey and carried out the data entry for the model.

Special thanks to the staff and volunteers of Flag Fen Archaeology Park for their help and assistance throughout the project.

The Project Manager was Matthew Brudenell, and site work was overseen by Mark Knight and Phil Stastney. Project administration and logistics was provided by Samantha Smith and Olivia Welch. The field team was made up of Andrea Frasca, Eddie Gwilliam, Lizzy Middleton, Cleve Roberts and Chris Wakefield. Survey was carried out by Jane Matthews and David Matzliach, and photographs taken by David Matzliach. Graphics were prepared Charlotte Walton.

Cover image by Emma Bothamley.

1. INTRODUCTION

1.1 Project background

1.1.1 Presented here is a report on the three-week, 55ha, hand auger survey carried out at Flag Fen between 15/09/25 and 3/10/25. The survey was instigated to make clear the palaeotopography and associated deposit sequence of the Flag Fen Basin in the immediate vicinity of the Flag Fen post-alignment and platform (SAM 1406460; Figure 1).

1.1.2 The 2021 Flag Fen Condition Assessment highlighted key gaps in knowledge which critically included: 1) the immediate palaeotopography of the Flag Fen Basin; 2) the related deposit sequence; and 3) the actual extent, context and chronology of the wooden architecture. The first two 'gaps' were seen as particularly pertinent to this project.

1.1.3 Ultimately, the concept of this project arose from discussions within the Flag Fen Futures Group, formed in 2024, with representatives from the Flag Fen Archaeological Park, the Cambridge Archaeological Unit (CAU, Department of Archaeology, University of Cambridge), Historic England, Anglian Water and the McDonald Institute for Archaeological Research (University of Cambridge) as promote and steer future archaeological activity at Flag Fen and its surroundings. The current project is a collaboration between the Flag Fen Archaeological Park, CAU and the McDonald Institute's Fenscapes Project, jointly funded by Peterborough Limited and the McDonald Institute's Fenland Futures Archaeology and Heritage Research Initiative (FFAHRI).

1.1.4 This project brought together leading-edge paleoenvironmental research together with direct public participation and engagement at Flag Fen to provide new information about the monument and its setting. As such it represents the first step in delivering the wider objectives of the Flag Fen Futures Group, and as such acts as a platform for future investigations and activities at the site.

1.1.5 The 55ha area included the whole of the Flag Fen Archaeology Park, all of the western half of the Scheduled Ancient Monument (SAM 1406460) and a group of adjacent fields (all but two of which are currently 'set aside' land).

1.1.6 Scheduled Ancient Monument Consent was given by the Secretary of State for Culture, Media & Sport on 5/08/25 (Ref: S00247659) after the submission of a detailed Project Design (Knight et al. 2025).

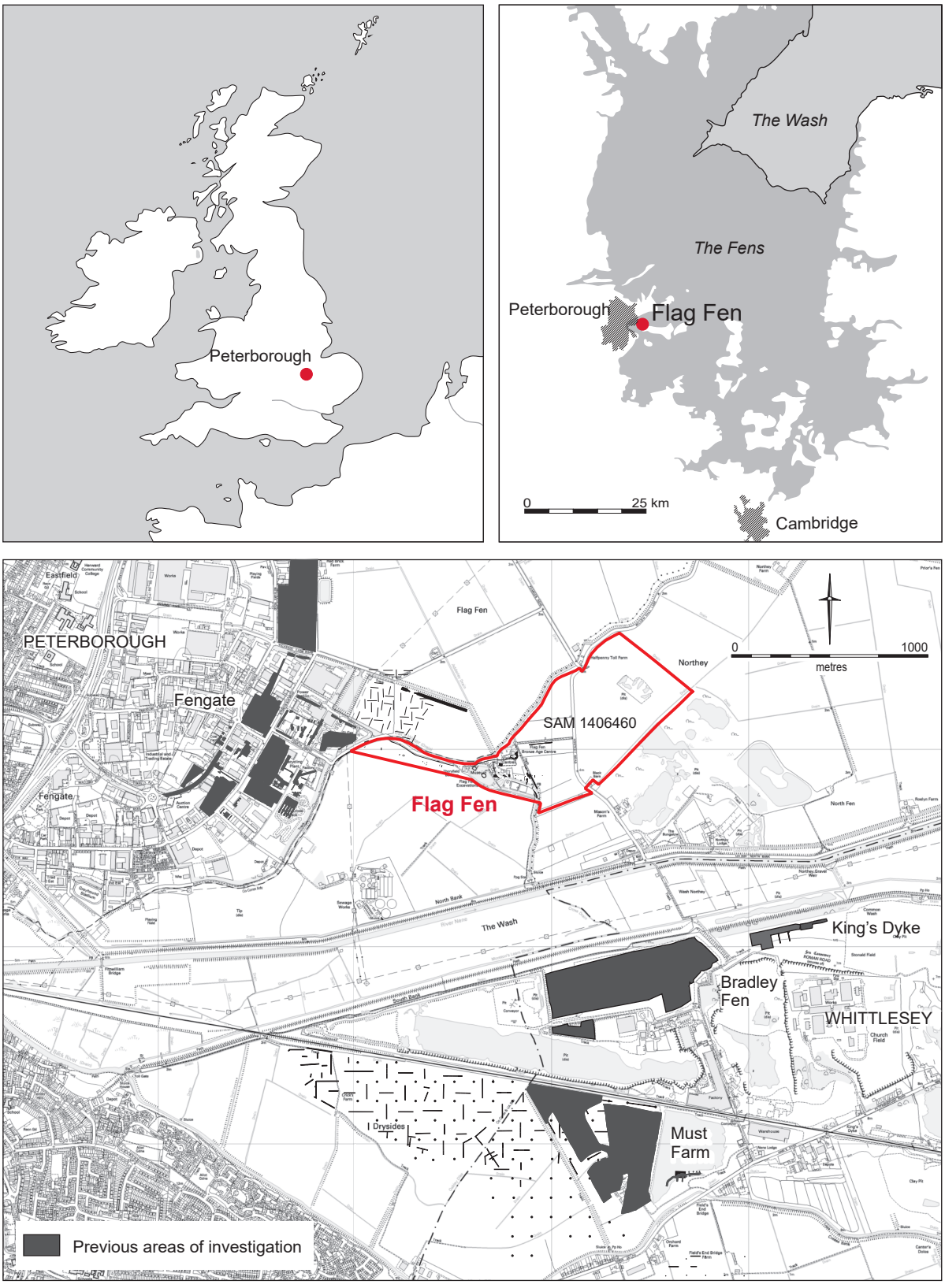

Figure 1. Location of Flag Fen (SAM 1406460) and distribution of archaeological investigations in the Flag Fen Basin

2. ARCHAEOLOGICAL BACKGROUND

2.1 Context & Motivation

2.1.1 Since its discovery in 1982, the Flag Fen site has been subject to multiple, largely small-scale archaeological interventions focused almost exclusively on the established footprint of the preserved timber monument and/or its relationship to adjacent landfall (Pryor 2001; Pryor and Bamforth 2010; Wilkins et al. 2013).

2.1.2 The Flag Fen monument can be split into two key component parts: Post alignment and Platform. Of the two, the post alignment is the best understood and also the most investigated (no less than twenty-five individual interventions, the first in 1982, the last in 2021; Knight 2023). In contrast, the form and extent of the platform remains enigmatic. Beyond its original cross-section exposure in the side of Mustdyke and the subsequent post-alignment/platform investigations in Area 6 (Pryor 2001), this extensive feature has been subject to only limited keyhole investigations (Wilkins et al. 2013).

2.1.3 The actual relationship between the post-alignment and platform is also unclear, other than the former spanned the 'middle' of the latter. Currently, these intersecting architectural entities are difficult to pull apart and it is hard to distinguish where one begins and the other ends. Stratigraphically there is no discernible division, and the existing dating evidence suggests the two constructions are broadly contemporary.

The Flag Fen post-alignment

2.1.4 Spanning the northern neck of the Flag Fen Basin (between Fengate, Peterborough and Northey Island, Whittlesey), the post alignment was approximately 1100m long and 10m wide. The alignment comprised at least five parallel rows of posts or piles, driven on average 1m into the underlying deposits of peat, buried soil and gravel. Collectively, the post-rows have been estimated to involve as many as 22,000 uprights (Bamforth 2010, 76), the bulk of which were oak.

2.1.5 Dendrochronological analysis showed the post alignment to comprise trees felled in the first quarter of the thirteenth century BC through to trees felled in the last quarter of the tenth century BC. Together these felling dates describe a monument built, maintained and modified over a period of at least 360 years (c. 1280-920 BC).

2.1.6 Pryor's interpretation of the post alignments envisions the rows of posts as a succession of closely spaced parallel boundaries or barriers, beside and in between which ran a series of narrow timber walkways made of layers of wood (Pryor 2001,164). Critically, the walkways are understood as being constructed directly onto the waterlogged sediment.

2.1.7 The composition of the walkways showed some variation between levels and between where they were located in relation to the different post rows. This horizontal component consisted of at least five levels and comprised roundwood, timbers (including mortised pieces) and debris (including woodworking debris).

2.1.8 In summary, the horizontal wood component has been interpreted as being made up of foundation material in conjunction with layers of logs, 'plank and long timber walkways', 'short plank, chip and sand' walkways, flooring, wattle revetments, thresholds and traverse partitions/partition boundaries. Throughout, the horizontal wood component is described as being in-situ and as having trampled or worn surfaces with undersides affected by wet rot.

2.1.9 Wooden artefacts (12 fragments), metalwork (223 items), pottery (489 sherds), animal bone (1598 pieces) human bone (MNI 9) and quernstones (6 in total) have been recovered from the different interventions across the post alignment and platform, with the bulk of the material coming from the extensive Power Station excavations of the post alignment or the intensive Area 6 investigations of the post alignment/platform. Although the dendrochronology dates the site to between the fourteenth and tenth centuries BC, material culture associated with the constructions have a much longer chronology.

The Flag Fen Platform

2.1.10 If the post alignment is primarily characterised by its multitude of uprights, the platform is differentiated by its widespread, multi-layered distribution of 'horizontals' together with its seemingly discrete setting towards one end of the alignment.

2.1.11 The platform is thought to encompass an area of between 1.5 to 2.2ha (depending on which exposures of horizontal wood are used in its reconstruction). Currently, the platform's northerly and easterly extent has been determined primarily by the Mustdyke cross-section (French & Pryor 1993), whereas its southerly and westerly boundaries have been established via watching brief observations made during the construction of the Great Mere and the narrow trench excavated to install its plastic 'skirt' (Pryor 2001).

2.1.12 In Area 6, seven horizons were identified and these were interpreted as the platform foundation comprising brushwood and roundwood over a layer of split logs (Layers 7-5), and the platform itself, comprising a mix of split timbers, roundwood and worked timbers (Layers 3-1); spreads of sand and gravel interceded some of these layers.

2.1.13 The platform strata also incorporated wooden artefacts (including a wheel, axe hafts, a scoop and a log vessel), metalwork (including a flesh hook, spearheads and a chape), parts of ten pottery vessels (Middle Bronze Age and Late Bronze Age) and four saddle querns.

2.1.14 Pryor's interpretation of the platform envisages a 'series of consolidated areas interspersed with watercourses and pools' that was nevertheless circumscribed by a 'revetted perimeter walkway' that, in its construction, bore a resemblance to the 'main walkway' of the post alignment (Pryor 2001, 165).

2.1.15 Access to the platform was gained by way of the post alignment and via specific gaps in the post rows. In essence, the platform was bisected by the post alignment, separating the edifice into north and south. Pryor suggested this division corresponded to a 'hostile' (north) and 'safe' (south) side. The implication being that the northside was outside and the southside was inside (Pryor 2001, 166). Encapsulated in this understanding is the idea of the post alignment as a barrier or boundary.

The 2021 Condition Assessment

2.1.16 The Autumn 2021 condition assessment involved five trenches and one off-site environmental test-pit. Three trenches were opened above the Flag Fen post alignment and two above the Flag Fen platform.

2.1.17 The post alignment trenches exposed three 1.4m wide transects across the rows of posts and top of the associated horizontal wood mass. One trench was excavated to its base, revealing an earlier land surface and enabling a comprehensive assessment of the worked wood and related deposits. The platform trenches sought to determine the northern and southern limits of the monument and to obtain samples.

2.1.18 The westernmost post alignment trenches revealed desiccated, oxidized sediments characterised by fissures and voids as well as masses of invasive nettle roots. The condition of the worked wood in these exposures was poor, and demonstrably poorer than previously recorded. The easternmost post alignment trench was different, in that here the sediments were wet, unoxidized and of greater depth. The platform trenches exposed an equivalently deep sediment sequence and indicated the monument's southernmost extent but not its northernmost.

2.1.19 Analyses of plant remains, pollen and insects describe an equivalent decline in preservation as the wood, and this applies across the different interventions, especially along the western half of the post alignment.

2.1.20 The latest investigations at Flag Fen provided new detail concerning the contextual and topographical setting of the monument. Modelling the palaeotopography demonstrated a correspondence between contour and condition, with the best-preserved parts of the monument (the central eastern half) seemingly being situated within the deepest parts of the Flag Fen Basin. These deeper contours appeared to define an earlier linear embayment located along the eastern edge of the greater basin. This deep, largely waterlogged, silt and peat-filled trough accorded essentially with the projected location of the Flag Fen platform.

The 2021 Condition Assessment Recommendations

2.1.21 The Flag Fen condition assessment highlighted key gaps in knowledge and critically these included:

1) *the immediate palaeotopography of the Flag Fen Basin*
2) *the related deposit sequences*
3) *the actual extent, context and chronology of the wooden architecture*

2.1.22 The first two of these gaps are particularly pertinent to this project. Accordingly, the condition report's discussion expressed in very clear terms that fundamental to the future management of the Flag Fen monument is a clearer understanding of the palaeotopography, the deposit sequence and, with these, the context and scale of the preserved wooden architecture (post-alignment/platform) and the episodes of deposition related to the duration of its use. All of these components are integral, and, as the condition assessment illustrated, there exists a very evident relationship between depth, deposit type, context and extent of preservation. The same report also emphasised that it is imperative that future investigations/interventions always incorporate an excavation methodology that includes establishing definitive negative evidence, a full deposit profile (including presence absence of a buried soil) together with the height of pre-Holocene surface.

3. ORIGINAL RESEARCH THEMES, OBJECTIVES AND QUESTIONS

3.1 Aims

3.1.1 The most up to date palaeotopographic and deposit models of the Flag Fen Basin include the King's Dyke and Bradley Fen investigations edition (Knight & Brudenell 2020) and the subsequent updated, and monument focused iterations featured in the 2020 and 2021 Flag Fen Condition Assessments (Brittain et al 2020; Knight 2023).

3.1.2 The King's Dyke and Bradley Fen excavations publication (Knight & Brudenell 2020, 39-41) presented a series of flood maps of the Flag Fen Basin showing the loss of dry land over time (c. 2000-500 cal BC) and the approximate 'speed' of the shifting fen-edge. The base map for these came from Donald Horne's palaeotopographic reconstruction of the Flag Fen Basin depicting the pre-Flandrian or pre-Holocene land surface. Essentially, it showed the Flag Fen Basin stripped of its peat and silt cover, exposing the underlying, largely gravel-based, terrain. This topographic model was generated utilising 3D height data gleaned from the multiple investigations (large and small) that had taken place within the embayment and its immediate surroundings. The finished model (see Figure 2.11, Knight & Brudenell 2020) reproduced a 'predictive' palaeotopographic reconstruction of the pre-Holocene land surface. The model suffered from the fact the majority of interventions occurred around the higher margins and that the deeper contours relied predominantly on very limited test-pitting programmes, borehole surveys and dyke-surveys; exceptions being Bradley Fen, Must Farm and Horsey Bridge as well as some (but by no means all) of the myriad of interventions at Flag Fen. Similarly, many of the trenches and test-pits situated within the deeper parts of the basin stopped short of reaching the pre-Holocene surface. Unfortunately, there has also been a tendency to consider the landscape as being essentially flat and consequently several projects recorded only minimal height detail.

3.1.3 Donald Horne's 'predictive' palaeotopographic reconstruction described how the uneven distribution of height data generated an irregular point cloud that was rectified using a 20m grid and a Kriging algorithm. The Kriging algorithm was chosen because it 'smoothes' the result to reproduce an environment shaped by natural processes. The ensuing model incorporates both high accuracy (i.e. high volume, high precision deposit levels) and low accuracy (i.e. broad OS surface contour detail) information. With the original processing, where two sources of data overlapped, the higher accuracy level was always privileged.

3.1.4 The 2021 Flag Fen condition assessment edition utilised new height and deposit data generated from the new trenches/test-pits (all of which recorded the height of the pre-Holocene surface) but still suffered from the piecemeal and patchy character of the pertinent data generated by the earlier interventions.

3.1.5 A key aim is to rectify this clear gap in knowledge regarding the contour profile where the post alignment crosses the basin and the nature of deposits (and by default environments) that characterised that part of the basin (both before, during and after the construction of the post alignment/platform).

3.2 Objectives

Objective 1

3.2.1 Comprehensive auger survey of the Flag Fen Basin in the immediate environs of the Flag Fen post alignment and platform (the study area measuring 1100m x 500m; 55ha).

Objective 2

3.2.2 The auger hole data will be used to build a definitive palaeotopographic/deposit model of the Flag Fen Basin in the vicinity of the Flag Fen post alignment and platform. The resulting model will form a much-needed landscape baseline for all future investigations of the monument.

Objective 3

3.2.3 To incorporate the results of the monument focused model into the greater Flag Fen Basin model thus bringing greater contextual clarity to Flag Fen and neighbouring sites (Must Farm, Horsey Bridge etc.).

Objective 4

3.2.4 To enhance awareness of the significance of the deeply buried heritage of Fenland, the Flag Fen Basin and the Flag Fen post alignment to the international, national and local community.

4. AUGER SURVEY METHODOLOGY

4.1 Setting-out Site survey

4.1.1 The locations of the 235 auger sample points were set out with a Leica GNSS system to an accuracy of 40mm. The OD height in metres at each point was simultaneously recorded (m OD to two decimal places).

4.2 Auger Survey

4.2.1 The proposed grid (1100m x 500m) allowed for 235 individual auger points (allowing for gaps caused by deep landscape features such as Must Dyke and the large mere as well as areas of hard standing) of which 73 fall within the Scheduled Ancient Monument.

4.2.2 Auger holes were drilled using hand auger equipment, that can be fitted with a range of auger heads, ranging between 40mm and 100mm in diameter, depending on ground conditions. Auger holes were drilled from the present ground surface until the top of the pre-Holocene deposits (i.e. sand/gravel or bedrock) was reached. Between each drive, the auger head was withdrawn from the hole, the sediments were described according to standard geological criteria (Jones et al 1999; Tucker 2003), and then the arisings were set aside. The depth of water strike (if encountered) was noted. Upon completion, the auger holes were backfilled using the arisings.

4.2.3 Surveyed location information from each auger hole was entered into a spreadsheet organised as follows:

Location tab (1 auger hole per row)	
Auger hole ID	Unique identifier for each location (primary key)
Easting	To two decimal places
Northing	To two decimal places
Elevation	Surface elevation (m OD) to two decimal places
Comments	Free text noting equipment used, logger, and any other observations
Lithology tab (1 sediment unit per row)	
Auger hole ID	Unique identifier for each location (primary key)
Top	Top of unit, m below ground level (bgl), to two decimal places
Base	Base of unit, m bgl, to two decimal places
Lithology	Terms from a standard lexicon of descriptors – e.g. CLAY, silty; GRAVEL, sandy; PEAT, woody; CLAY, peaty; etc…
Description	Free text, giving full field description: e.g. “Firm, dark greyish brown, silty clay with occasional fine rootlets, rare decayed/unidentifiable organic fibres, and rare broken mollusc shell fragments. Gradual lower boundary to:”
Comments	Free text for other comments and interpretation.

4.2.4 The original project design also proposed a series of hand excavated 1m x 1m test-pits (up to ten in total) intended to help ‘ground-truth’ the results of the auger survey and address obvious anomalies or atypical deposit sequences. As it turned out, the auger survey proved to be extremely effective in articulating deposit character, depth and sequence; the cores remained largely consistent and straightforward throughout. Aside from rare voids (animal burrows?) there were no obvious anomalies or ambiguous results. It was thus deemed unnecessary to also open any test-pits.

4.3 Deposit model

4.3.1 The auger hole data was collated in a RockWorks (2025 version) database, along with additional data from open-source BGS borehole scans and other deposit data from the surrounding area. The RockWorks software was used to generate composite hole-to-hole cross sections, and the Stratigraphy Contact Picker tool was used to correlate and group units and establish a litho-stratigraphic framework for the study area. The basal stratigraphic unit included all pre-Holocene deposits (i.e. Pleistocene gravels and/or bedrock geology) – the upper surface of which was equivalent to the "pre-Flandrian land surface".

4.3.2 To allow for more realistic modelling of the morphology of the fen edge and surrounding hinterland, additional control points were collected (surface elevation derived from the LIDAR Digital Terrain Model) in areas where pre-Holocene strata outcrop at the surface around the fen edge. Where these were not superseded by the above, additional control points for the pre-Holocene surface were also be collated from the previous deposit model (i.e. points derived from previous archaeological and geoarchaeological interventions).

4.3.3 A layered stratigraphic model was generated in RockWorks, using the modern ground surface (LIDAR DTM) to constrain the upper surface of the model. A variety of modelling algorithms were evaluated, including Inverse-Distance Weighting (IDW) and Kriging, although the latter performed best.

4.4 Public engagement

4.4.1 The auger survey at Flag Fen provided valuable archaeological opportunities to investigate the character of the area's Bronze Age landscape and environment. Given the site's significance to later prehistory, its prominence as a local and national heritage site and its legacy of involving the public with archaeological work, engaging audiences was a key objective for this work (see Appendix 1).

5. PROJECT ARCHIVE

5.1 Auger survey records

5.1.1 All site records have been collated, and key data entered into an excel spreadsheet.

5.2 Digital archive

5.2.1 Upon completion of the project the digital archive will be deposited with the University of Cambridge Apollo repository. This holds full CoreTrustSeal certification and is publicly accessible.

Table 1: Summary of digital archive

Resources	*Format*	*Quantity*
Project Design (the project budget will be redacted)	.pdfa	1
Final project report (both .pdf and .doc)	.pdfa, .doc	1
CAD/survey files	.dwg, dxf, .shp	1
Auger core sheets (database or spreadsheet)	.xls, .csv, .accdb	1
Selected site photographs (estimated 100 files)	.tiff, .raw	1

5.3 Outreach

5.3.1 There were 7 posts that went out on the Flag Fen Archaeology Park Facebook page over the course of the auger survey. The posts generated 472 Reactions, 37 Shares and 8 Comments.

5.3.2 See Appendix 1 for a full report on the public outreach/community involvement.

6. ARCHAEOLOGICAL SUMMARY

6.1 Overview

6.1.1 The survey involved a comprehensive grid of 235 auger points (including 73 situated within the limits of the Scheduled Ancient Monument) positioned to ascertain the pre-Holocene basin contour and help characterise/model the overlying Holocene deposits (Figure 2). The 50m grid comprised eleven west-east transects (A-K) extending from the very edge of the Fengate industrial estate across to the elevated margins of Northey Island.

Transect	Planned points	Completed points	Failed points
A	22	19	3
B	23	20	3
C	23	23	0
D	22	21	1
E	23	22	1
F	22	21	1
G	21	19	2
H	19	17	2
I	19	14	5
J	20	11	9
K	21	12	9
Total:	*235*	*199*	*36*

Table 2: Completed and failed auger points by transect

6.1.2 The auger survey grid intentionally sidestepped the path of the Flag Fen post-alignment and the route of the Fen Causeway agger, but it did incorporate parts of the more widespread horizontal wood mass associated with its corridor. The much more extensive horizontal wood mass associated with the Flag Fen platform was also included within the scope of the grid. Elements of the current infrastructure of the Flag Fen Archaeology Park were also avoided as was the artificial mere.

6.1.3 In the event, the auger survey was able to achieve 200 auger points (199 of the original grid plus one additional point: AP 110.5) but failed to accomplish 36 auger points (Table 2). The failed points included holes abandoned because of the proximity of two high-pressure gas mains (AP's 72 and 198), impenetrable ground conditions (AP's 8, 11, 31, 106, 125, 136, 143 and 157), or issues of accessibility (AP's 22, 44, 45, 169, 176, 188, 190-195, 207-210, 212-215, and 228-35). Impenetrable ground conditions included concrete surfaces, clumps of trees or very dense reed beds, whereas accessibility was impacted by high wire-mesh fences (close to the Power Station), extant arable crops or particularly unreceptive landowners.

6.1.4 The absence of data from the small number of failed points along transects A to H has had little to no effect on the reliability of the model across most of the survey area (encompassing the post alignment and the SAM, and the field to the south). However, the concentration of failed points in the north and north-east has resulted in the model being less well-constrained in that part of the survey area

6.2 Auger survey results

6.2.1 The largely soft, yet cohesive deposits that characterise the Flag Fen Basin profile proved particularly amenable to the hand auger methodology. The most difficult part of the augering process involved penetrating a consolidated silty clay horizon that lay immediately below a very dry and friable former plough soil. Below this, the deposit sequence mostly involved malleable peats (oxidised and unoxidised), silty peats, organic silts and sandy clays (buried

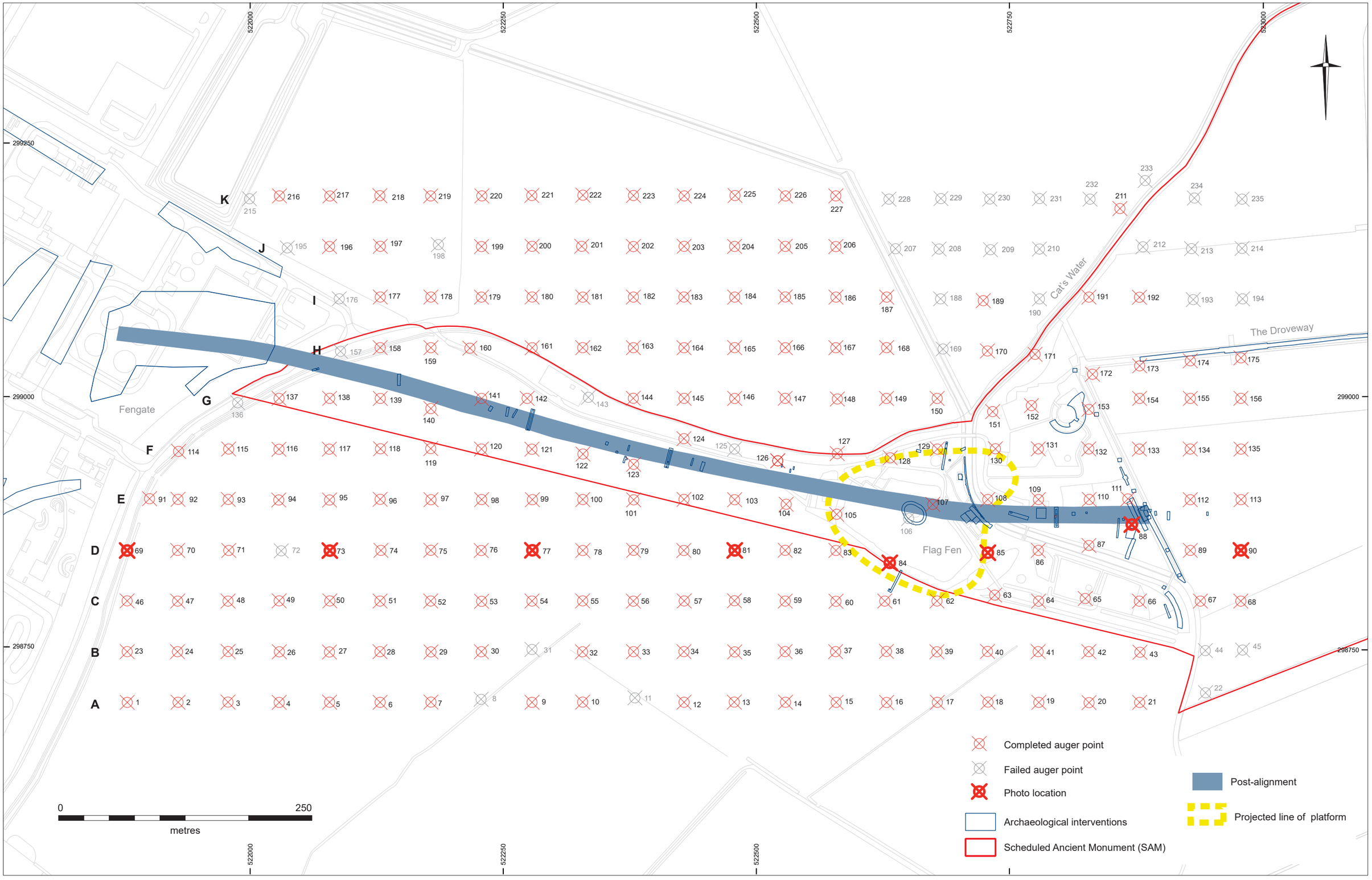

Figure 2. Plan of Auger Survey grid

soil) overlying a base deposit of gravelly clays (the March Gravels). The compact basal deposit invariably precluded further augering. A buried soil horizon was recorded in the majority of the auger holes; exceptions included the auger points across elevated contours of Northey Island.

6.2.2 The water table was only recorded in two auger holes (AP 39 and AP 107), whilst multiple points recorded moist, damp or waterlogged deposits, especially, but not exclusively, in the deepest zones (sub-0.00m OD). Only three auger points (AP 105, AP 107 and AP 225) recorded large fragments of waterlogged wood.

6.2.3 Beyond the very shallow zones situated at the far eastern end of the survey, the profiles showed a consistent succession of colour and texture changes indicative of a pronounced down-profile redox gradient. The uppermost layers invariably comprised oxidised, light brownish grey or reddish brown, dry and often friable deposits, whereas the lower layers comprised unoxidised, darker grey, or even blackish grey, moist and mainly soft deposits. The proportions of this succession changed across cores, with the shallower basin and basin-edge profiles being largely oxidised and those situated in the much deeper zones being largely unoxidised (Figure 3).

6.2.4 The deepest auger hole was 3.8m (AP 107), the shallowest 0.2m (AP 68 and AP 113). The average depth was 1.46m. The auger survey showed that the lowest point of the Flag Fen Basin (i.e., the early Holocene surface) equalled -1.24m OD (AP 107), whilst the highest point equalled 2.87m OD (AP 113), a difference in height of 4.11m.

6.3 The model

6.3.1 The main aim of the auger survey was the creation of a definitive model of the Flag Fen Basin in the vicinity of the Flag Fen post-alignment and platform corridor; accurately mapping the pre-Holocene land surface and characterising the surviving Holocene sediment sequence were its two main objectives. The grid was tight, all-encompassing and purposefully designed to supersede previous models based upon sparse and predominantly site-centred data.

6.3.2 The resulting palaeo-contour model (Figure 4) represents the first in-depth reconstruction of this part of the Flag Fen Basin (bringing it into line with similarly detailed models of the Flag Fen Basin south of the Nene Washes) and establishes an absolute baseline for all future investigations in and around the monument. The new model depicts the bottom of the Flag Fen Basin at the position where the post-alignment traverses it. It also shows part of the basin's eastern edge (Northey Island) and the beginnings of its western edge (Fengate).

6.3.3 Most of the western half of the new model describes a relatively gentle incline leading westwards towards the Fengate shoreline (0.00m to 0.80m OD), whereas much of the eastern half is dominated by a deeper, north-south oriented valley circumscribed by the 0.00m contour and falling to around -1.00m along its bottom. In contrast to the Fengate edge (west), the Northey landfall (east) is characterised by closely-spaced contours describing a steep rise (0.00m to 2.00m).

6.3.4 Additional features include a narrow, raised ridge extending eastwards from Fengate and upon which both the Flag Fen post-alignment and much later Fen Causeway were situated. Also, the models far south-western edge depicts a slight dip between a marginally elevated zone (0.60-0.80m OD) and the adjacent Fengate foreshore. This dip would appear to correspond with a relict stream depicted on the 2001 schematic section of Fengate to the Flag Fen timber platform (Fig. 1.7 in Pryor 2001).

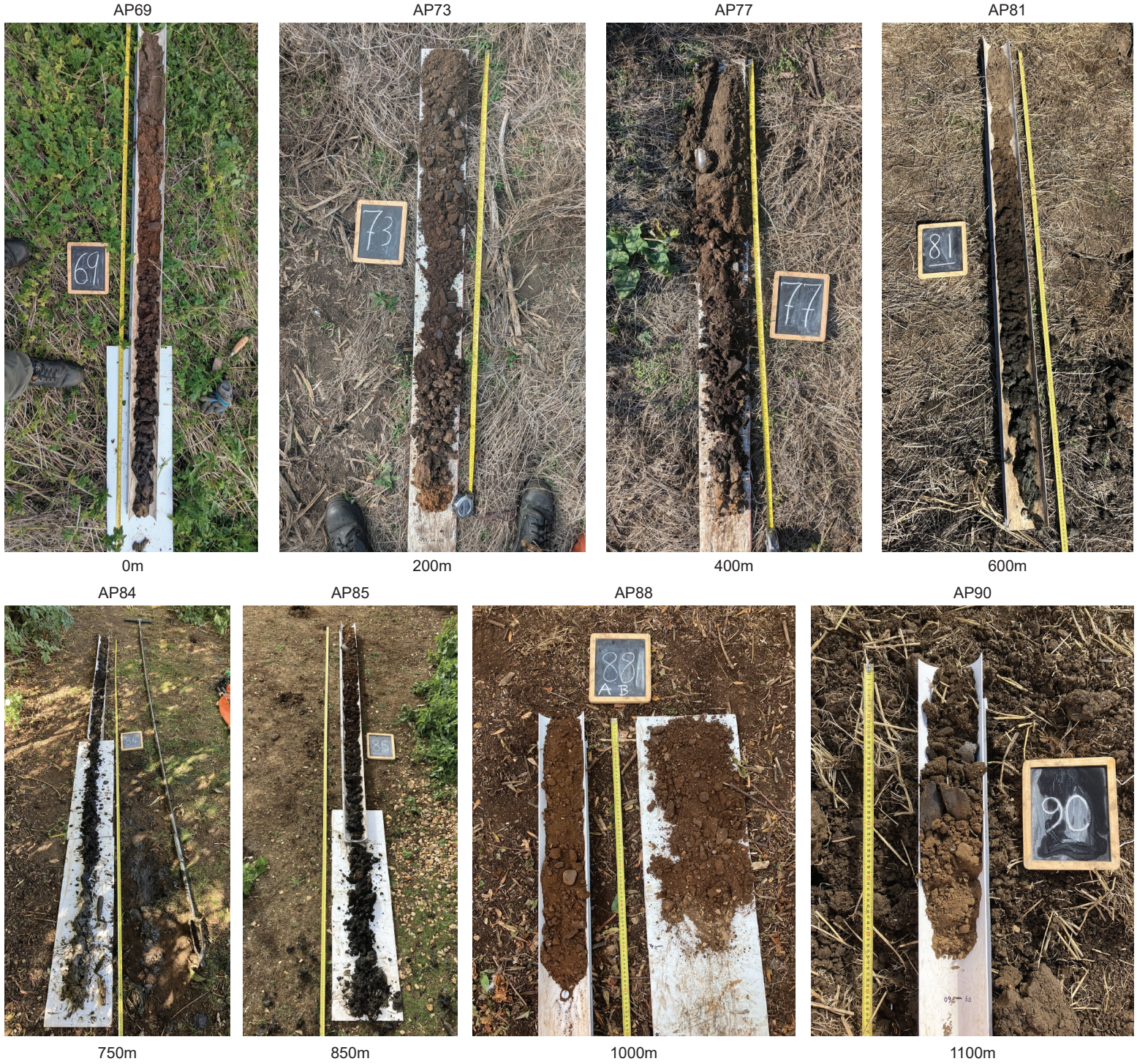

FIgure 3. Transect D - selected core photographs

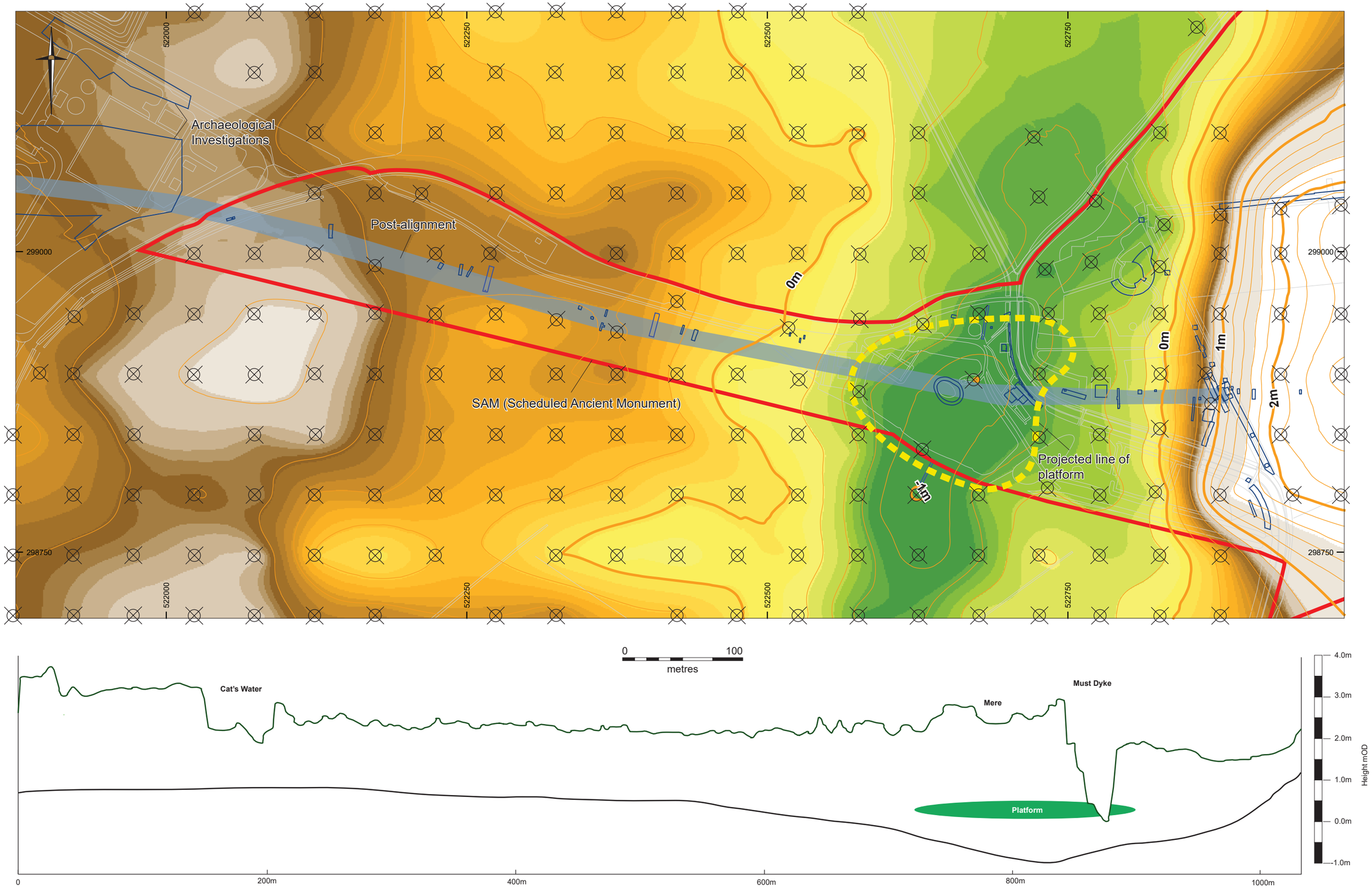

Figure 4. Early Holocene surface model and profile

6.4 Implications

6.4.1 Unquestionably, the most significant implication of the new palaeo-topographic model is the evident relationship between the projected location of the Flag Fen platform (Pryor 2001, Fig.1.8) and the newly defined deeper and wetter valley zone situated along the eastern edge of the basin. Earlier landscape reconstructions had situated the platform centrally within a more generalised concavity towards the centre of the basin (Pryor's 'mid-embayment island'; Plate 1 in Pryor 1991), whilst the 2020 Desk Based Assessment, reproduced a contour model and profile that had the platform 'anchored' to the Northey landfall and projecting jetty-like westwards (Brittain et al 2020, 4). The condition assessment reconstruction (Knight 2023) was the first to formally indicate a correlation between the location of the platform and a discrete deeper part of the basin (Figure 4).

6.4.2 The projected platform is roughly oval-shaped in plan, and covers an area of 22,100m2 (around 2.2ha) and measures approximately 170m x 150m. A single drawn section from 1983-93 Area 6 excavations, records the platform as being 0.50-0.60m thick (see Fig. 6.96, Pryor 2001) and made up of five to six levels. The bottom of the base level (Level 5) was situated at or about 0.00m OD, and the top of the uppermost level (Level 1) was situated at about 0.55m OD.

6.4.3 In plan, the auger survey model situates the projected extent of the platform neatly within the parameters of the -0.40m OD contour and above an area of deep, largely waterlogged deposits (up to 0.80m deep). The platform's projected extent corresponds so well with this area of enhanced preservation that it is hard to believe that the two attributes (platform extent and enhanced preservation) are not interrelated. In very simple terms: the area conducive for greatest preservation is also the area with the greatest expanse of waterlogged wood. This raises the possibility that the purported platform is in reality an edifice of better preservation; the contention being that the 'platform' is the post-alignment only in a (now accurately mapped) zone of comparatively heightened preservation.

6.4.4 Conversely, the poorly preserved 'western' stretch of the post-alignment was perched above the 0.40m contour and within of an area of relatively shallow, largely oxidised, sandy/gravel-rich clays. Here the associated horizontal wood mass was less impressive (0.20-0.30m thick) but still present, and morphologically equivalent to the horizontal wood mass that made up the platform. An absence of interventions extending beyond the corridor of the majority of the post-alignment means that we do not know its lateral extent, although the 2021 condition assessment demonstrated that it was much greater than the width of the rows of posts.

6.5 Conclusion

6.5.1 The auger survey model provides the first accurate, baseline landscape setting for the Flag Fen monument. The current model shows the pre-Holocene land surface and has the potential to model its deposit sequence, including deposits contemporary with the duration of the post-alignment/platform. The evident correspondence between different discrete landscape zones and different preservation conditions would appear to have significant ramifications for how we understand the monument, especially in relationship to the Flag Fen platform (always the most enigmatic component of the monument complex). It would appear that certain attributes of the monument's preservation have been instrumental to certain elements of the monument's interpretation.

6.5.2 As with all good archaeological research, the model provides as many questions as answers, with most generated around the identification of a deeper, narrower valley that preceded the greater basin as an inundated landscape obstacle requiring to be traversed.

7. ARCHIVE AND DEPOSITION

7.1 Standards

7.1.1 The project archive will be prepared and deposited in line with the MoRPHE guidelines (Historic England 2006, reissued 2015), CIfA Standard and guidance for the collection, documentation, conservation and research of archaeological materials (2014, updated 2020), the CIfA Standard and Universal Guidance for Archaeological Excavation (2014, updated 2020), the United Kingdom Institute for Conservators Conservation Guidelines No. 2 (2012) and the requirements of the University of Cambridge Apollo repository.

7.2 Physical archive, discard, and transfer of title agreement

7.2.1 Upon completion of the project the digital archive will be deposited with the University of Cambridge Apollo repository. This holds full CoreTrustSeal certification and is publicly accessible.

7.3 Updated Management Plan

A1. Standards and procedures

7.3.1 All digital data generated during the project will be managed according to the *CAU Digital Data Management Policy and Procedures* (2021). This is consistent with:

- Forster, M. 2019, *Dig Digital. Work Digital. Think Archive. Create Access*. Historic England, CIfA and DigVentures.
- CIfA, 2014 (updated 2020) Standard and guidance for the creation, compilation, transfer and deposition of archaeological archives
- CIfA 2023. Standard and Universal Guidance for Archaeological Excavation.

A2. Data Collection and Responsibility

7.3.2 Final responsibility for the project's digital data lies with the Project Manager. The following table outlines the main types of data anticipated to be generated, and project staff who will be responsible for each, and where these documents and data will be stored.

Table 3: Data collection and responsibility

Document type	*Responsibility*	*Storage location*
Project documentation Final project design Contract with client Site information	Project Manager	CAU server (Projects)
Health and Safety (RAMS)	Project Manager	CAU server (Projects)
Fieldwork site registers (spreadsheet) working photographs (TIFFs)	Site Director	CAU Server (Projects)
Survey GPS/CAD data	CAU Survey lead	CAU Server (Survey)
Specialist photography site photographs	Graphics	CAU Server (Photographs)
Project reporting text	Site Director	CAU Server (Projects)

Document type	*Responsibility*	*Storage location*
Report illustrations figure files formatted report	CAU graphics	CAU Server (Graphics)

A3. Identification

7.3.3 A unique identification code will be used to prefix all core digital documents created during the project. Version numbers will be used to distinguish documents when substantial changes are made (v1, v2, v3, etc.).

A4. Storage and backup

7.3.4 Digital data will be stored on the CAU's main server, in the allocated folders indicated above. The server is backed up hourly to offsite storage, and is provided by the University of Cambridge Information Service. Staff homeworking will transfer documents to the CAU server weekly (minimally). No core documents will be stored on desktop PCs (as these are not backed up offsite) or outside the relevant folders.

A5. Ethics and legal compliance

7.3.5 Copyright will belong to the CAU and the individual authors.

7.3.6 The only digital data that has been identified as requiring copyright license are Ordnance Survey maps and British Geological Survey Maps. Appropriate licensing fees will be paid (costs have been included in the budget). In the final report to the client, all copyright vector data will be 'flattened' so that it cannot be digitally extracted.

A6. Data sharing and accessibility

7.3.7 To maximise re-use of the project data, digital information will be stored in widely-used formats wherever possible (although for some specialist analyses and read-outs, as well as photogrammetry this may not be feasible)

- Final public reports .pdf/a
- Text .doc or .txt
- Spreadsheets .xls or .csv
- Databases (if not converted to spreadsheets) .accdb
- Survey .dwg, .dxf, .shp
- GIS .shp, .shx, .cpg, .dbf, .prj, .qpj
- Photographs (uncompressed, minimum 10MB) .tiff or .raw

A7. Selection and preservation

7.3.8 This DMP will be updated by the Project Manager following post-excavation assessment.

7.3.9 The digital archive will be transferred to the University of Cambridge digital repository at the conclusion of the project. Preservation of the archive will not be time limited by the Apollo repository. If for any reason it is not possible to deposit the archive in the University's repository, then it will be deposited with the Archaeology Data Service.

7.3.10 An OASIS record has been opened for the project on commencement (Appendix 3).

7.3.11 The digital archive will comprise the final versions of the following documents:

- Project Design (the project budget will be redacted)
- Final project report (both .pdf and .doc)

- CAD/survey files
- Specialist databases, spreadsheets, diagrams
- Selected site photographs

7.3.12 The following files will not form part of the public archive deposited:

- social media posts
- illustration files
- non-final versions of all documents
- working calculations
- financial and contractual information
- any information deemed confidential or data covered by GDPR

7.3.13 Site photographs will be assessed by the CAU's Graphics and Finds team, and only clear illustrative images will be included in the public archive deposited.

A.8 Documentation and metadata

7.3.14 The archive will be accompanied by metadata listing the contents of the archive, with each file listed by name and file type, along with a brief description of the contents (where not apparent from the file name). The meta-data will also include descriptive lists of all the abbreviations and acronyms used.

A.9 Version control

7.3.15 This Data Management Plan will be revised as required.

Table 4: Summary of resources in the digital archive to be deposited

Resources	*Format*
Project Design (the project budget will be redacted)	.pdfa
Final project report (both .pdf and .doc)	.pdfa, .doc
CAD/survey files	.dwg, dxf, .shp
Site registers (database or spreadsheet)	.xls, .csv, .accdb
Selected site photographs (estimated 100 files)	.tiff, .raw

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9. APPENDIX 1: ENGAGEMENT REPORT

Chris Wakefield

Introduction

9.1.1 Over the three weeks of the Flag Fen Auger Survey 21 volunteers participated in the project and joined the professional archaeological team. Each was given an overview of the survey's aims and research questions, an explanation of the Flag Fen basin's landscape and the monument's setting, and a health and safety briefing. Volunteers were then embedded in one of two auger teams, receiving training in augering, deposit descriptions and recording, while moving along each transect of the survey grid. Each day, the project's team members would discuss with volunteers the wider context of Flag Fen and the recent CAU condition assessment, which underpinned the auger survey, to better contextualise their work and involvement.

9.1.2 Members of the local Fenland Young Archaeologists' Club (YAC) were invited to participate in the survey on Saturday 20th September 2025. This led to five YAC members, alongside volunteer leaders, carrying out two auger points and recording the deposits they encountered. Social media updates were created by the project team and shared via Flag Fen Archaeology Park's Facebook, X and Instagram channels and a summary blog post was written for the Flag Fen website using images taken by a volunteer participant.

9.1.3 The survey was visited by the Member of Parliament for Peterborough Andrew Pakes and the Mayor of Peterborough and Cambridgeshire Paul Bristow who both augered points. These visitors also received explanations of the background to the project, the importance of enhancing the understanding of the site's setting and the time sensitive nature of future work following 2021's condition assessment.

Volunteer feedback

9.1.4 Of the 21 volunteers that participated in the auger survey, nine (42.9%) completed an anonymous, one-page feedback form composed of seven Likert scale and three free-form response questions. Surveys were randomly assigned a number between one and nine to allow for easier discussion and an appendix of all free-form responses is included below.

9.1.5 Of the nine volunteers that completed the survey, four had no previous experience of archaeology, two noted a prior connection and three did not respond to the question.

Question	Average volunteer response
The survey and techniques were well explained to me	5
I understood the project's aims and objectives	5
I have gained an improved understanding of Flag Fen	4.8
Staff were enthusiastic and knowledgeable	5
I felt that I learnt something new during the survey	5
I would recommend to others to get involved with the project	5
I have enjoyed taking part	5

Table 5: Likert scale questions relating to the Flag Fen auger survey (1 = Strongly Disagree, 5 = Strongly Agree). Table shows averages from the nine completed volunteer feedback forms.

9.1.6 Volunteers were very positive about the project and all nine responders enjoyed taking part, learned something new during the survey and would recommend others to get involved with the project (Table 1). Participant 1 neither agreed not disagreed that the auger survey had helped them to gain an improved understanding of Flag Fen, however the other eight completed forms indicated that these volunteers had all enhanced their knowledge of the site. Indeed, multiple participants used their free-form response to highlight this improved understanding of Flag Fen was one of their favourite aspects of volunteering.

Question: What did you most like about volunteering as part of the project?

"Getting an insight into the landscape through time…" Participant 6

"Learning more about a heritage site local to me…" Participant 9

Question: Any other comments?

"It's been so helpful in my understanding of the Flag Fen site" Participant 4

9.1.7 The project team's enthusiasm and desire to integrate volunteer roles into the survey was also singled out by numerous responders.

Question: What did you most like about volunteering as part of the project?

"The team from CAU were very welcoming and very happy to get us involved and took time to explain the process. We were encouraged to take an active part in the survey work". Participant 4

"The willingness of the leaders to include us, teach us and encourage us to participate with the technical aspects of the process". Participant 6

"Willingness of the professional team to involve volunteers and explain the archaeology and techniques (without talking down to us)". Participant 8

9.1.8 One volunteer used the "Any other comments" question to highlight that they were made to feel a part of the team and that participating in the survey had left a positive, lasting impression.

"The CAU team were very welcoming. They clearly work well as a team, but this was very much extended to the volunteers. On previous occasions with other groups, volunteers had a habit of being treated as a "them and us" role. This was absolutely not the case with CAU. All of the CAU team were great to work with... I will go away from this experience with greater knowledge, and many fond memories. I would not hesitate to work on a project with CAU again". Participant 2

9.1.9 While five volunteer responders did not consider a need for any improvements, several points were highlighted for future work. These included improving the ease of signing up with Flag Fen ("…maybe use something like Google Forms or Airtable to see what slots are available", Participant 1), making the need for volunteers more visible ("Maybe advertise the need for volunteers as I was unaware of the project", Participant 3) and exploring options for reducing the physical demand from augering in tough and compact deposits ("Better methods of augering next to metalled roads", Participant 7). These should be considered when working with stakeholders to plan future participative archaeological work at Flag Fen.

Conclusions

9.1.10 The overwhelmingly positive response from participants reinforced the value of not only including, but embedding, volunteers within the survey and integrating them into teams to

auger, examine and record the deposits. That at least four volunteers had no prior experience of archaeological work demonstrated the project's ability to attract a wider participant group than many, self-selecting archaeological audiences. That many of the participants opted to return for multiple days was revealing, with feedback indicating the openness of the professional archaeologists created a sense of shared value not always common to heritage volunteering projects.

9.1.11 Volunteer work was consistently of a high standard and project staff were impressed with the perceptive and notably engaged questions being asked throughout the survey process. On this basis, further archaeological work would benefit from volunteer involvement. This would be recommended to incorporate dedicated volunteer liaison roles to maximise meaningful, beneficial impact.

All participant feedback form free-form response questions.

9.1.12 What did you most like about volunteering as part of the project?

Participant 1
"Opportunity to meet experts in practical setting and be educated by them".

Participant 2
"Learning about the complexities of the site and how to identify different soil types. Nothing was too much explanation for Chris, Mark or Phil. Any questions were answered fully and in-depth".

Participant 3
"The ability to get fully involved and feel as if you were making an active impact on the work required".

Participant 4
"The team from CAU were very welcoming and very happy to get us involved and took time to explain the process. We were encouraged to take an active part in the survey work".

Participant 5
"All aspects – learning about the overall project and why we were doing what we were doing but also the explanation (time and care taken) of the different layers we were extracting".

Participant 6
"The willingness of the leaders to include us, teach us and encourage us to participate with the technical aspects of the process. Being alongside people who are also fascinated by the task at hand. Getting an insight into the landscape through time and feeling like I'm using my time to do something useful and important".

Participant 7
"Learning a new skill that I can use in my next archaeological job".

Participant 8
"Willingness of the professional team to involve volunteers and explain the archaeology and techniques (without talking down to us)".
Participant 9

"Learning more about a heritage site local to me. Hearing about the value of the sampling undertaken".

9.1.13 What improvements could be made next time?

Participant 1
"Signing up as a volunteer – maybe use something like Google Forms or Airtable to see what slots are available".

Participant 2
"None".

Participant 3
"None. Maybe advertise the need for volunteers as I was unaware of the project and would not have been involved if not a volunteer at Flag Fen".

Participant 4
"N/A"

Participant 5
"Just do more of it!"

Participant 6
"Info on how we could continue to be involved".

Participant 7
"Better methods of augering next to metalled roads".

Participant 8
"-"

Participant 9
"Thing [sic] were pretty good as is".

9.1.14 Any further comments?

Participant 1
"Would like to know about other opportunities particularly for excavation".

Participant 2
"The CAU team were very welcoming. They clearly work well as a team, but this was much extended to the volunteers. On previous occasions with other groups, volunteers had a habit of being treated as a "them and us" role. This was absolutely not the case with CAU. All of the CAU team were great to work with. Event when it was tough, everyone managed to keep smiling and at times, find humour. I will go away from this experience with greater knowledge, and many fond memories. I would hesitate to work on a project with CAU again. I will definitely be an advocate for them if anybody approached me to see what it's like with them as a volunteer".
Participant 3

“A very involving project which if I could I would have attended every day. Keep involving the general public”.

Participant 4
“It’s been a brilliant project to be part of. The team were so friendly and encouraging. It’s been so helpful in my understanding of the Flag Fen site”.

Participant 5
“Really enjoyed today and very happy to get involved another time”.

Participant 6
“Thank you!”

Participant 7
“Standarize [sic] the ‘Markometer’ as a go to archaeological tool”.

Participant 8
“Very friendly environment”.

Participant 9
“Had an interesting and engaging time with the team”.

10. APPENDIX 2: AUGER SURVEY CORE LOGS

Location (EHS_depth and EHS_Elevation fields correspond to the depth and elevation, respectively, of the Early Holocene surface (top of pre-Holocene strata). "999.00" denotes missing values.)

Name	Easting	Northing	Elevation	Alternative_Name	Comments	EHS_depth	Quality	EHS_Elevation	TotalDepth	Year_known
FF_Auger_1	521878.70	298698.14	2.19	Flag Fen Auger Survey 2025, 1		1.60	Aa	0.59	2.10	2025
FF_Auger_2	521928.89	298698.24	2.08	Flag Fen Auger Survey 2025, 2		1.40	Aa	0.68	1.90	2025
FF_Auger_3	521978.22	298698.41	1.91	Flag Fen Auger Survey 2025, 3		1.10	Aa	0.81	1.60	2025
FF_Auger_4	522028.79	298698.09	1.84	Flag Fen Auger Survey 2025, 4		1.10	Aa	0.74	1.60	2025
FF_Auger_5	522078.56	298698.31	1.75	Flag Fen Auger Survey 2025, 5		0.95	Aa	0.80	1.45	2025
FF_Auger_6	522128.47	298698.19	1.75	Flag Fen Auger Survey 2025, 6		1.30	Aa	0.45	1.80	2025
FF_Auger_7	522178.67	298698.41	1.47	Flag Fen Auger Survey 2025, 7		0.90	Aa	0.57	1.40	2025
FF_Auger_9	522278.47	298698.16	1.69	Flag Fen Auger Survey 2025, 9		1.30	Aa	0.39	1.80	2025
FF_Auger_10	522328.48	298698.40	1.59	Flag Fen Auger Survey 2025, 10		1.00	Aa	0.59	1.50	2025
FF_Auger_12	522428.64	298698.29	1.55	Flag Fen Auger Survey 2025, 12		1.25	Aa	0.30	1.75	2025
FF_Auger_13	522478.19	298698.41	1.50	Flag Fen Auger Survey 2025, 13		1.50	Aa	0.00	2.00	2025
FF_Auger_14	522528.88	298698.28	1.54	Flag Fen Auger Survey 2025, 14		1.60	Aa	-0.06	2.10	2025
FF_Auger_15	522578.91	298698.19	1.33	Flag Fen Auger Survey 2025, 15		2.20	Aa	-0.87	2.70	2025
FF_Auger_16	522628.69	298698.04	1.23	Flag Fen Auger Survey 2025, 16		1.90	Aa	-0.67	2.40	2025
FF_Auger_17	522678.78	298698.19	1.71	Flag Fen Auger Survey 2025, 17		1.80	Aa	-0.09	2.30	2025
FF_Auger_18	522728.81	298698.42	1.33	Flag Fen Auger Survey 2025, 18		1.60	Aa	-0.27	2.10	2025
FF_Auger_19	522779.02	298698.16	1.22	Flag Fen Auger Survey 2025, 19		1.50	Aa	-0.28	2.00	2025
FF_Auger_20	522828.61	298697.90	1.41	Flag Fen Auger Survey 2025, 20		1.40	Aa	0.01	1.90	2025
FF_Auger_21	522878.58	298698.11	1.77	Flag Fen Auger Survey 2025, 21	NOT FULLY DRILLED TO DEPTH	999.00	Ab	999.00	0.60	2025
FF_Auger_23	521878.65	298748.19	2.11	Flag Fen Auger Survey 2025, 23		1.50	Aa	0.61	2.00	2025
FF_Auger_24	521928.36	298748.14	2.04	Flag Fen Auger Survey 2025, 24		1.40	Aa	0.64	1.90	2025
FF_Auger_25	521978.33	298748.31	1.97	Flag Fen Auger Survey 2025, 25	POINT MOVED 5M EAST	1.30	Aa	0.67	1.80	2025
FF_Auger_26	522028.94	298748.05	1.89	Flag Fen Auger Survey 2025, 26		1.20	Aa	0.69	1.70	2025
FF_Auger_27	522078.41	298747.84	1.89	Flag Fen Auger Survey 2025, 27		1.00	Aa	0.89	1.90	2025
FF_Auger_28	522128.34	298748.16	1.85	Flag Fen Auger Survey 2025, 28		1.90	Aa	-0.05	2.40	2025
FF_Auger_29	522178.70	298747.94	1.69	Flag Fen Auger Survey 2025, 29		1.80	Aa	-0.11	2.30	2025
FF_Auger_30	522228.45	298748.14	1.82	Flag Fen Auger Survey 2025, 30		1.60	Aa	0.22	2.10	2025
FF_Auger_32	522328.36	298748.04	1.70	Flag Fen Auger Survey 2025, 32		1.80	Aa	-0.10	2.30	2025
FF_Auger_33	522378.75	298748.17	1.70	Flag Fen Auger Survey 2025, 33		1.90	Aa	-0.20	2.40	2025
FF_Auger_34	522428.51	298748.21	1.58	Flag Fen Auger Survey 2025, 34		1.80	Aa	-0.22	2.30	2025
FF_Auger_35	522478.67	298747.95	1.57	Flag Fen Auger Survey 2025, 35		1.60	Aa	-0.03	2.10	2025
FF_Auger_36	522528.47	298748.26	1.49	Flag Fen Auger Survey 2025, 36		1.40	Aa	0.09	1.90	2025
FF_Auger_37	522578.35	298748.20	1.38	Flag Fen Auger Survey 2025, 37		1.80	Aa	-0.43	2.30	2025
FF_Auger_38	522628.51	298748.41	1.30	Flag Fen Auger Survey 2025, 38		2.40	Aa	-1.10	2.90	2025
FF_Auger_39	522678.34	298748.05	1.32	Flag Fen Auger Survey 2025, 39		2.00	Aa	-0.68	2.10	2025
FF_Auger_40	522728.31	298748.38	1.30	Flag Fen Auger Survey 2025, 40		1.30	Aa	0.00	1.80	2025
FF_Auger_41	522778.34	298748.21	1.45	Flag Fen Auger Survey 2025, 41		1.80	Aa	-0.35	2.30	2025
FF_Auger_42	522828.36	298748.20	1.26	Flag Fen Auger Survey 2025, 42		1.60	Aa	-0.34	2.10	2025
FF_Auger_43	522878.92	298747.62	1.41	Flag Fen Auger Survey 2025, 43		1.30	Aa	0.11	1.80	2025
FF_Auger_46	521878.58	298798.30	2.23	Flag Fen Auger Survey 2025, 46		1.80	Aa	0.43	2.30	2025
FF_Auger_47	521928.50	298798.07	2.17	Flag Fen Auger Survey 2025, 47		1.70	Aa	0.47	2.20	2025
FF_Auger_48	521978.24	298798.09	1.99	Flag Fen Auger Survey 2025, 48		1.30	Aa	0.69	1.80	2025
FF_Auger_49	522028.73	298798.31	1.92	Flag Fen Auger Survey 2025, 49		1.40	Aa	0.52	1.90	2025
FF_Auger_50	522078.82	298798.25	1.94	Flag Fen Auger Survey 2025, 50		1.20	Aa	0.74	1.70	2025
FF_Auger_51	522128.42	298798.13	1.80	Flag Fen Auger Survey 2025, 51		1.50	Aa	0.30	2.00	2025
FF_Auger_52	522178.39	298798.17	1.86	Flag Fen Auger Survey 2025, 52		1.40	Aa	0.46	1.90	2025
FF_Auger_53	522228.71	298797.89	1.71	Flag Fen Auger Survey 2025, 53		1.40	Aa	0.31	1.90	2025
FF_Auger_54	522278.47	298798.16	1.85	Flag Fen Auger Survey 2025, 54	Impenetrable compacted aggregate at 0.70-0.80 on first attempt - measurements below 0.70 recorded from second attempt	1.60	Aa	0.25	2.10	2025
FF_Auger_55	522328.47	298798.29	1.64	Flag Fen Auger Survey 2025, 55		1.40	Aa	0.24	1.90	2025
FF_Auger_56	522378.58	298798.05	1.71	Flag Fen Auger Survey 2025, 56		1.50	Aa	0.21	2.00	2025
FF_Auger_57	522428.79	298798.22	1.55	Flag Fen Auger Survey 2025, 57		1.60	Aa	-0.05	2.10	2025
FF_Auger_58	522478.39	298798.41	1.54	Flag Fen Auger Survey 2025, 58		1.50	Aa	0.03	2.00	2025
FF_Auger_59	522528.55	298798.10	1.41	Flag Fen Auger Survey 2025, 59		1.30	Aa	0.11	1.80	2025
FF_Auger_60	522578.68	298797.92	1.44	Flag Fen Auger Survey 2025, 60		2.00	Aa	-0.57	2.50	2025
FF_Auger_61	522626.85	298798.10	1.21	Flag Fen Auger Survey 2025, 61		2.40	Aa	-1.19	2.90	2025
FF_Auger_62	522678.44	298798.19	1.26	Flag Fen Auger Survey 2025, 62		1.60	Aa	-0.34	2.10	2025
FF_Auger_63	522728.64	298806.53	1.31	Flag Fen Auger Survey 2025, 63		1.70	Aa	-0.39	2.20	2025
FF_Auger_64	522778.75	298798.02	1.40	Flag Fen Auger Survey 2025, 64		1.90	Aa	-0.50	2.40	2025
FF_Auger_65	522824.87	298800.62	1.73	Flag Fen Auger Survey 2025, 65		2.30	Aa	-0.57	2.80	2025
FF_Auger_66	522878.31	298798.07	2.34	Flag Fen Auger Survey 2025, 66		0.30	Aa	2.04	0.80	2025
FF_Auger_67	522938.59	298798.09	2.67	Flag Fen Auger Survey 2025, 67		0.60	Aa	2.07	1.10	2025
FF_Auger_68	522978.50	298798.07	2.48	Flag Fen Auger Survey 2025, 68		0.20	Aa	2.28	0.70	2025
FF_Auger_69	521878.62	298848.01	2.19	Flag Fen Auger Survey 2025, 69		1.85	Aa	0.34	2.35	2025
FF_Auger_70	521928.51	298848.11	2.09	Flag Fen Auger Survey 2025, 70		1.70	Aa	0.39	2.20	2025
FF_Auger_71	521978.98	298848.04	2.09	Flag Fen Auger Survey 2025, 71		1.35	Aa	0.74	1.85	2025
FF_Auger_73	522078.78	298847.92	1.92	Flag Fen Auger Survey 2025, 73		1.30	Aa	0.62	1.80	2025
FF_Auger_74	522129.26	298848.13	1.91	Flag Fen Auger Survey 2025, 74		1.10	Aa	0.81	1.60	2025
FF_Auger_75	522178.49	298848.23	1.84	Flag Fen Auger Survey 2025, 75		1.30	Aa	0.54	1.80	2025
FF_Auger_76	522228.30	298848.00	1.92	Flag Fen Auger Survey 2025, 76		1.60	Aa	0.32	2.10	2025
FF_Auger_77	522278.84	298848.20	1.69	Flag Fen Auger Survey 2025, 77		1.30	Aa	0.39	1.80	2025
FF_Auger_78	522328.62	298848.00	1.76	Flag Fen Auger Survey 2025, 78		1.50	Aa	0.26	2.00	2025
FF_Auger_79	522378.84	298848.17	1.66	Flag Fen Auger Survey 2025, 79		1.40	Aa	0.26	1.90	2025
FF_Auger_80	522428.43	298848.05	1.56	Flag Fen Auger Survey 2025, 80		1.20	Aa	0.36	1.70	2025
FF_Auger_81	522478.69	298848.10	1.49	Flag Fen Auger Survey 2025, 81		1.40	Aa	0.09	1.90	2025
FF_Auger_82	522528.52	298848.21	1.54	Flag Fen Auger Survey 2025, 82		1.70	Aa	-0.16	2.20	2025
FF_Auger_83	522578.64	298848.06	1.44	Flag Fen Auger Survey 2025, 83		1.90	Aa	-0.46	2.40	2025
FF_Auger_84	522631.82	298835.83	2.21	Flag Fen Auger Survey 2025, 84		3.30	Aa	-1.09	3.80	2025
FF_Auger_85	522728.68	298845.82	2.10	Flag Fen Auger Survey 2025, 85	Auger point on raised ground, near elevated bund	2.70	Aa	-0.60	3.20	2025
FF_Auger_86	522778.49	298848.07	1.77	Flag Fen Auger Survey 2025, 86	Three attempts, two discontinued at 0.70m due to gravel compaction - third attempt is recorded	2.20	Aa	-0.43	2.70	2025
FF_Auger_87	522828.47	298852.96	1.54	Flag Fen Auger Survey 2025, 87		1.80	Aa	-0.26	2.30	2025
FF_Auger_88	522877.64	298850.71	1.59	Flag Fen Auger Survey 2025, 88	Two attempts due to compact deposits - second attempt is recorded. N.B. orignial surveyed elevation was erroneous (4.222m). Re-surveyed in Jan 2026 to correct elevation.	0.20	Aa	1.39	0.70	2025
FF_Auger_89	522928.66	298848.11	2.73	Flag Fen Auger Survey 2025, 89		0.30	Aa	2.43	0.80	2025
FF_Auger_90	522978.60	298848.15	2.88	Flag Fen Auger Survey 2025, 90		0.40	Aa	2.48	0.90	2025

FF_Auger_91	521900.72	298899.15	2.19	Flag Fen Auger Survey 2025, 91		1.80	Aa	0.39	2.30	2025
FF_Auger_92	521928.82	298898.50	2.25	Flag Fen Auger Survey 2025, 92		1.50	Aa	0.75	2.00	2025
FF_Auger_93	521978.48	298898.44	1.99	Flag Fen Auger Survey 2025, 93		1.20	Aa	0.79	1.70	2025
FF_Auger_94	522028.33	298897.85	1.95	Flag Fen Auger Survey 2025, 94		1.10	Aa	0.85	1.60	2025
FF_Auger_95	522078.51	298897.85	2.01	Flag Fen Auger Survey 2025, 95		1.00	Aa	1.01	1.50	2025
FF_Auger_96	522128.50	298898.53	1.95	Flag Fen Auger Survey 2025, 96		1.20	Aa	0.75	1.70	2025
FF_Auger_97	522178.70	298898.17	2.01	Flag Fen Auger Survey 2025, 97		1.40	Aa	0.61	1.90	2025
FF_Auger_98	522228.73	298898.30	1.74	Flag Fen Auger Survey 2025, 98		1.50	Aa	0.24	2.00	2025
FF_Auger_99	522278.87	298898.17	1.76	Flag Fen Auger Survey 2025, 99		1.40	Aa	0.36	1.90	2025
FF_Auger_100	522328.61	298898.32	1.52	Flag Fen Auger Survey 2025, 100		1.10	Aa	0.42	1.60	2025
FF_Auger_101	522378.93	298898.03	1.62	Flag Fen Auger Survey 2025, 101		1.10	Aa	0.52	1.60	2025
FF_Auger_102	522428.59	298898.44	1.67	Flag Fen Auger Survey 2025, 102		1.60	Aa	0.07	2.10	2025
FF_Auger_103	522478.61	298898.14	1.82	Flag Fen Auger Survey 2025, 103		2.00	Aa	-0.18	2.50	2025
FF_Auger_104	522529.50	298893.64	1.55	Flag Fen Auger Survey 2025, 104		1.60	Aa	-0.05	2.10	2025
FF_Auger_105	522579.34	298883.75	2.35	Flag Fen Auger Survey 2025, 105		3.00	Aa	-0.65	3.50	2025
FF_Auger_107	522674.29	298893.54	2.56	Flag Fen Auger Survey 2025, 107		3.80	Aa	-1.24	4.30	2025
FF_Auger_108	522728.60	298898.37	1.64	Flag Fen Auger Survey 2025, 108		2.10	Aa	-0.46	2.60	2025
FF_Auger_109	522778.68	298898.33	1.31	Flag Fen Auger Survey 2025, 109		1.90	Aa	-0.59	2.40	2025
FF_Auger_110	522828.83	298898.43	1.21	Flag Fen Auger Survey 2025, 110		1.40	Aa	-0.19	1.90	2025
FF_Auger_111	522866.94	298898.92	1.54	Flag Fen Auger Survey 2025, 111	Very shallow - NAT potentially from 0.90 but recorded to 1.60	0.90	Aa	0.64	1.40	2025
FF_Auger_112	522928.64	298898.14	2.64	Flag Fen Auger Survey 2025, 112		0.30	Aa	2.34	0.80	2025
FF_Auger_113	522978.74	298898.21	3.07	Flag Fen Auger Survey 2025, 113		0.20	Aa	2.87	0.70	2025
FF_Auger_114	521929.39	298945.84	2.24	Flag Fen Auger Survey 2025, 114	Upper deposit very disturbed, adjacent to power station	1.80	Aa	0.44	2.30	2025
FF_Auger_115	521978.87	298948.17	1.97	Flag Fen Auger Survey 2025, 115		1.30	Aa	0.67	1.80	2025
FF_Auger_116	522028.54	298947.90	2.06	Flag Fen Auger Survey 2025, 116		1.40	Aa	0.66	1.90	2025
FF_Auger_117	522078.32	298948.05	2.09	Flag Fen Auger Survey 2025, 117		1.20	Aa	0.89	1.70	2025
FF_Auger_118	522128.83	298948.41	1.96	Flag Fen Auger Survey 2025, 118		1.10	Aa	0.86	1.60	2025
FF_Auger_119	522178.43	298948.59	1.92	Flag Fen Auger Survey 2025, 119		1.20	Aa	0.72	1.70	2025
FF_Auger_120	522228.52	298948.17	1.80	Flag Fen Auger Survey 2025, 120		1.50	Aa	0.30	2.00	2025
FF_Auger_121	522278.37	298947.99	1.61	Flag Fen Auger Survey 2025, 121		1.40	Aa	0.21	1.90	2025
FF_Auger_122	522328.78	298943.22	1.69	Flag Fen Auger Survey 2025, 122		1.40	Aa	0.29	1.90	2025
FF_Auger_123	522378.82	298933.08	1.66	Flag Fen Auger Survey 2025, 123		1.20	Aa	0.46	1.70	2025
FF_Auger_124	522428.54	298958.41	1.85	Flag Fen Auger Survey 2025, 124		1.60	Aa	0.25	2.10	2025
FF_Auger_126	522521.15	298936.54	1.84	Flag Fen Auger Survey 2025, 126		1.80	Aa	0.04	2.30	2025
FF_Auger_127	522579.91	298943.67	1.14	Flag Fen Auger Survey 2025, 127		1.50	Aa	-0.36	2.00	2025
FF_Auger_128	522632.25	298939.50	1.61	Flag Fen Auger Survey 2025, 128		1.80	Aa	-0.19	2.30	2025
FF_Auger_129	522678.82	298948.13	1.71	Flag Fen Auger Survey 2025, 129		2.60	Aa	-0.89	3.10	2025
FF_Auger_130	522736.15	298948.41	1.12	Flag Fen Auger Survey 2025, 130		1.60	Aa	-0.48	2.10	2025
FF_Auger_131	522778.53	298948.33	1.38	Flag Fen Auger Survey 2025, 131		1.70	Aa	-0.32	2.20	2025
FF_Auger_132	522828.34	298948.26	1.59	Flag Fen Auger Survey 2025, 132	Water table recorded at 2.00m	2.10	Aa	-0.51	2.60	2025
FF_Auger_133	522878.33	298948.14	1.83	Flag Fen Auger Survey 2025, 133	Auger failed around 0.90m - too indurated	0.70	Aa	1.13	1.20	2025
FF_Auger_134	522928.55	298948.19	2.47	Flag Fen Auger Survey 2025, 134		0.40	Aa	2.07	0.90	2025
FF_Auger_135	522978.65	298948.10	2.88	Flag Fen Auger Survey 2025, 135		0.40	Aa	2.48	0.90	2025
FF_Auger_137	522028.64	298998.14	1.91	Flag Fen Auger Survey 2025, 137		1.20	Aa	0.71	1.70	2025
FF_Auger_138	522078.61	298998.17	2.05	Flag Fen Auger Survey 2025, 138		1.40	Aa	0.65	1.90	2025
FF_Auger_139	522128.64	298998.10	1.91	Flag Fen Auger Survey 2025, 139		1.20	Aa	0.71	1.70	2025
FF_Auger_140	522178.57	298988.09	1.85	Flag Fen Auger Survey 2025, 140		1.30	Aa	0.55	1.80	2025
FF_Auger_141	522228.67	298998.10	1.84	Flag Fen Auger Survey 2025, 141		1.40	Aa	0.44	1.90	2025
FF_Auger_142	522273.66	298998.14	2.11	Flag Fen Auger Survey 2025, 142		1.50	Aa	0.61	2.00	2025
FF_Auger_144	522378.49	298998.24	1.69	Flag Fen Auger Survey 2025, 144		1.00	Aa	0.69	1.50	2025
FF_Auger_145	522428.71	298998.16	1.80	Flag Fen Auger Survey 2025, 145		1.60	Aa	0.20	2.10	2025
FF_Auger_146	522478.65	298998.10	1.60	Flag Fen Auger Survey 2025, 146		1.60	Aa	0.00	2.10	2025
FF_Auger_147	522528.53	298998.20	1.58	Flag Fen Auger Survey 2025, 147		1.40	Aa	0.18	1.90	2025
FF_Auger_148	522580.05	298997.55	1.47	Flag Fen Auger Survey 2025, 148		1.80	Aa	-0.33	2.30	2025
FF_Auger_149	522628.54	298998.09	1.52	Flag Fen Auger Survey 2025, 149		1.90	Aa	-0.38	2.40	2025
FF_Auger_150	522678.63	298998.11	1.50	Flag Fen Auger Survey 2025, 150		1.90	Aa	-0.40	2.40	2025
FF_Auger_151	522733.32	298984.87	1.02	Flag Fen Auger Survey 2025, 151		1.80	Aa	-0.78	2.30	2025
FF_Auger_152	522771.71	298991.03	1.24	Flag Fen Auger Survey 2025, 152		1.80	Aa	-0.56	2.30	2025
FF_Auger_153	522828.43	298987.27	1.11	Flag Fen Auger Survey 2025, 153		1.60	Aa	-0.49	2.10	2025
FF_Auger_154	522878.54	298998.13	1.55	Flag Fen Auger Survey 2025, 154		0.90	Aa	0.65	1.40	2025
FF_Auger_155	522928.68	298998.11	2.65	Flag Fen Auger Survey 2025, 155		0.40	Aa	2.25	0.90	2025
FF_Auger_156	522978.59	298998.20	2.95	Flag Fen Auger Survey 2025, 156		0.30	Aa	2.65	0.80	2025
FF_Auger_158	522128.53	299048.20	2.00	Flag Fen Auger Survey 2025, 158	Moved c. 50cm SSW due to aborted first attempt (confusion over gas main exclusion zone, core location flagged)	1.30	Aa	0.70	1.80	2025
FF_Auger_159	522178.63	299048.19	2.24	Flag Fen Auger Survey 2025, 159		1.70	Aa	0.54	2.20	2025
FF_Auger_160	522217.10	299047.66	2.15	Flag Fen Auger Survey 2025, 160		1.60	Aa	0.55	2.10	2025
FF_Auger_161	522278.65	299048.13	1.64	Flag Fen Auger Survey 2025, 161		1.20	Aa	0.44	1.70	2025
FF_Auger_162	522328.57	299048.20	1.71	Flag Fen Auger Survey 2025, 162		1.50	Aa	0.21	2.00	2025
FF_Auger_163	522378.62	299048.17	1.74	Flag Fen Auger Survey 2025, 163		1.30	Aa	0.44	1.80	2025
FF_Auger_164	522428.63	299048.13	1.59	Flag Fen Auger Survey 2025, 164		1.00	Aa	0.59	1.50	2025
FF_Auger_165	522478.62	299048.22	1.51	Flag Fen Auger Survey 2025, 165		1.20	Aa	0.31	1.70	2025
FF_Auger_166	522528.72	299048.15	1.43	Flag Fen Auger Survey 2025, 166		1.30	Aa	0.13	1.80	2025
FF_Auger_167	522578.57	299048.14	1.47	Flag Fen Auger Survey 2025, 167		1.20	Aa	0.27	1.70	2025
FF_Auger_168	522628.71	299048.22	1.54	Flag Fen Auger Survey 2025, 168		2.20	Aa	-0.66	2.70	2025
FF_Auger_170	522728.27	299044.94	1.45	Flag Fen Auger Survey 2025, 169		2.10	Aa	-0.65	2.20	2025
FF_Auger_171	522775.28	299041.63	0.90	Flag Fen Auger Survey 2025, 170		1.50	Aa	-0.60	1.80	2025
FF_Auger_172	522832.05	299021.98	1.07	Flag Fen Auger Survey 2025, 172		1.90	Aa	-0.83	2.40	2025
FF_Auger_173	522878.58	299030.27	1.35	Flag Fen Auger Survey 2025, 173		0.90	Aa	0.45	1.40	2025
FF_Auger_174	522928.64	299035.24	2.75	Flag Fen Auger Survey 2025, 174		0.40	Aa	2.35	0.90	2025
FF_Auger_175	522978.61	299038.12	2.91	Flag Fen Auger Survey 2025, 175		0.30	Aa	2.61	0.80	2025
FF_Auger_177	522128.63	299098.20	2.04	Flag Fen Auger Survey 2025, 177		1.60	Aa	0.44	2.10	2025
FF_Auger_178	522178.60	299098.15	1.94	Flag Fen Auger Survey 2025, 178		1.70	Aa	0.24	2.20	2025
FF_Auger_179	522228.57	299098.12	1.88	Flag Fen Auger Survey 2025, 179		1.50	Aa	0.38	2.00	2025
FF_Auger_180	522278.59	299098.21	1.78	Flag Fen Auger Survey 2025, 180		1.50	Aa	0.28	2.00	2025
FF_Auger_181	522328.59	299098.07	1.73	Flag Fen Auger Survey 2025, 181		1.60	Aa	0.13	2.10	2025
FF_Auger_182	522378.61	299098.12	1.57	Flag Fen Auger Survey 2025, 182		1.30	Aa	0.27	1.80	2025
FF_Auger_183	522428.51	299098.18	1.60	Flag Fen Auger Survey 2025, 183		1.50	Aa	0.10	2.00	2025
FF_Auger_184	522478.66	299098.08	1.42	Flag Fen Auger Survey 2025, 184		1.20	Aa	0.22	1.70	2025
FF_Auger_185	522528.67	299098.25	1.41	Flag Fen Auger Survey 2025, 185		1.60	Aa	-0.19	2.10	2025

FF_Auger_186	522578.67	299098.09	1.36	Flag Fen Auger Survey 2025, 186		1.20	Aa	0.16	1.70	2025
FF_Auger_187	522628.75	299098.10	1.42	Flag Fen Auger Survey 2025, 189		1.90	Aa	-0.48	2.40	2025
FF_Auger_189	522724.13	299094.59	1.26	Flag Fen Auger Survey 2025, 188		1.90	Aa	-0.64	2.00	2025
FF_Auger_191	522828.50	299098.13	1.21	Flag Fen Auger Survey 2025, 191		1.80	Aa	-0.59	2.30	2025
FF_Auger_192	522878.43	299097.95	1.45	Flag Fen Auger Survey 2025, 192		1.30	Aa	0.15	1.80	2025
FF_Auger_196	522078.54	299148.09	2.24	Flag Fen Auger Survey 2025, 196		1.40	Aa	0.84	1.90	2025
FF_Auger_197	522128.63	299148.24	2.01	Flag Fen Auger Survey 2025, 197		1.40	Aa	0.61	1.90	2025
FF_Auger_199	522228.60	299148.02	1.51	Flag Fen Auger Survey 2025, 199		1.30	Aa	0.21	1.80	2025
FF_Auger_200	522278.55	299148.22	1.73	Flag Fen Auger Survey 2025, 200		1.50	Aa	0.23	2.00	2025
FF_Auger_201	522327.55	299148.24	1.67	Flag Fen Auger Survey 2025, 201		1.50	Aa	0.17	2.00	2025
FF_Auger_202	522378.63	299148.02	1.40	Flag Fen Auger Survey 2025, 202		1.20	Aa	0.20	1.70	2025
FF_Auger_203	522428.69	299148.21	1.54	Flag Fen Auger Survey 2025, 203		1.60	Aa	-0.06	2.10	2025
FF_Auger_204	522478.55	299148.12	1.45	Flag Fen Auger Survey 2025, 204		1.40	Aa	0.05	1.90	2025
FF_Auger_205	522528.62	299148.18	1.29	Flag Fen Auger Survey 2025, 205		1.40	Aa	-0.11	1.90	2025
FF_Auger_206	522578.56	299147.99	1.49	Flag Fen Auger Survey 2025, 206		1.60	Aa	-0.12	2.10	2025
FF_Auger_211	522859.12	299185.51	1.10	Flag Fen Auger Survey 2025, 211		1.70	Aa	-0.60	2.00	2025
FF_Auger_216	522029.07	299197.99	2.01	Flag Fen Auger Survey 2025, 216		1.40	Aa	0.61	1.90	2025
FF_Auger_217	522078.85	299197.88	1.97	Flag Fen Auger Survey 2025, 217		1.20	Aa	0.77	1.70	2025
FF_Auger_218	522128.20	299198.20	1.90	Flag Fen Auger Survey 2025, 218		1.30	Aa	0.60	1.80	2025
FF_Auger_219	522178.39	299197.93	1.72	Flag Fen Auger Survey 2025, 219		1.20	Aa	0.52	1.70	2025
FF_Auger_220	522228.92	299198.00	1.63	Flag Fen Auger Survey 2025, 220		1.50	Aa	0.13	2.00	2025
FF_Auger_221	522278.26	299198.37	1.62	Flag Fen Auger Survey 2025, 221		1.60	Aa	0.02	2.10	2025
FF_Auger_222	522328.72	299198.67	1.58	Flag Fen Auger Survey 2025, 222		1.40	Aa	0.18	1.90	2025
FF_Auger_223	522378.65	299198.38	1.53	Flag Fen Auger Survey 2025, 223		1.20	Aa	0.33	1.70	2025
FF_Auger_224	522428.81	299197.97	1.36	Flag Fen Auger Survey 2025, 224		1.20	Aa	0.16	1.70	2025
FF_Auger_225	522478.99	299198.35	1.48	Flag Fen Auger Survey 2025, 225		1.60	Aa	-0.12	1.70	2025
FF_Auger_226	522528.84	299197.92	1.49	Flag Fen Auger Survey 2025, 226		1.70	Aa	-0.21	1.80	2025
FF_Auger_227	522578.53	299197.96	1.56	Flag Fen Auger Survey 2025, 227		1.80	Aa	-0.24	1.90	2025

Lithology

Name	Top	Bottom	Code	Lithology	Comments / description
FF_Auger_1	0.00	0.10	SOIL	Topsoil	Turf over loose topsoil
FF_Auger_1	0.10	0.50	CL5	CLAY, silty	Light brownish grey friable silty clay with occasional fine gravel of chalk and brick
FF_Auger_1	0.50	0.80	CL5	CLAY, silty	Mid reddish brown firm mottled orange silty clay
FF_Auger_1	0.80	1.20	SL5	SILT, clayey	Dark greyish brown with faint mottles of light yellowish brown, soft, clayey silt
FF_Auger_1	1.20	1.60	SL5	SILT, clayey	Dark greyish brown , soft clayey silt, rare charcoal? Waterlogged wood
FF_Auger_1	1.60	1.80	SA7	SAND, gravelly	Light yellowish brown, firm/compact, clayey sand with frequent gravel (pebbles, poorly sorted, angular) (NAT)
FF_Auger_2	0.00	0.50	CL5	CLAY, silty	Light greyish brown, friable silty clay with occasional fine gravel of chalk, modern glass fragment
FF_Auger_2	0.50	0.80	CL5	CLAY, silty	Mid greyish brown stiff silty clay, occasional fine chalk gravel, plastic organic (modern) fragment
FF_Auger_2	0.80	1.00	CL5	CLAY, silty	Dark greyish brown, soft, moister than above, faint orange reddish mottling - silty clay
FF_Auger_2	1.00	1.40	CL5	CLAY, silty	Mid brownish grey mottled yellowish brown, soft plastic occasional black/brown granules, and rare decayed/waterlogged wood with mineral encrustation - silty clay?
FF_Auger_2	1.40	1.42	BR4	STIFF CLAY	Yellowish brown firm clayey sand with gravel (NAT)
FF_Auger_3	0.00	0.50	SOIL	Topsoil	Light grey friable topsoil
FF_Auger_3	0.50	0.70	SL5	SILT, clayey	Dark grey mottled silt/clay
FF_Auger_3	0.70	0.90	SL1	SILT	Light brown friable silt
FF_Auger_3	0.90	1.10	PE8	PEAT, silty	Dark greyish brown, soft, silty humified peat
FF_Auger_3	1.10	1.20	CL6	CLAY, sandy	Grey with orange mottling slight sandy soft clay (NAT)
FF_Auger_3	1.20	1.40	BR4	STIFF CLAY	Light orange stiff sandy clay with gravel (NAT)
FF_Auger_4	0.00	0.40	SOIL	Topsoil	Light grey topsoil
FF_Auger_4	0.40	0.70	CL1	CLAY	Dark grey with moderate reddish mottling, hard clay, plastic at 0.70
FF_Auger_4	0.70	0.90	SL5	SILT, clayey	Dark brown mottled silt/clay
FF_Auger_4	0.90	1.10	PE8	PEAT, silty	Very dark brown silty humified peat
FF_Auger_4	1.10	1.40	CL6	CLAY, sandy	Grey soft sandy clay (NAT)
FF_Auger_4	1.40	1.60	CL7	CLAY, sandy and gravelly	Orange sandy clay with gravel (NAT)
FF_Auger_5	0.00	0.30	SOIL	Topsoil	Light grey friable topsoil
FF_Auger_5	0.30	0.60	SL5	SILT, clayey	Dark brown heavily mottled orange silt/clay
FF_Auger_5	0.60	0.80	CL5	CLAY, silty	Dark grey brown firm to soft slightly organic silt/clay
FF_Auger_5	0.80	0.95	PE8	PEAT, silty	Very dark brown silty peat
FF_Auger_5	0.95	1.20	CL6	CLAY, sandy	Mid grey soft sandy clay with fine gravel (chalk granules), rare charcoal flecks (buried soil - AH)
FF_Auger_5	1.20	1.30	SA7	SAND, gravelly	Orange company clayey sand (C-M) with flint and chalk gravel (NAT)
FF_Auger_6	0.00	0.40	SOIL	Topsoil	Light grey/brown friable silty clay topsoil
FF_Auger_6	0.40	1.00	SL1	SILT	Grey mottled silt, orange chalk-coloured mottling
FF_Auger_6	1.00	1.30	CL6	CLAY, sandy	Brown peaty sandy clay with some fibres (possibly roots)
FF_Auger_6	1.30	1.50	GR4	GRAVEL, sandy	Orange compact clayey sandy gravel (NAT)
FF_Auger_7	0.00	0.30	SOIL	Topsoil	Light grey friable topsoil
FF_Auger_7	0.30	0.60	SL5	SILT, clayey	Dark brown mottled hard silt/clay
FF_Auger_7	0.60	0.80	OR1	ORGANIC SILT/CLAY	Dark brown firm to soft organic silt/clay
FF_Auger_7	0.80	0.90	PE8	PEAT, silty	Very dark brown silty humified peat
FF_Auger_7	0.90	1.10	CL5	CLAY, silty	Dark grey soft sandy silt/clay (buried soil?)
FF_Auger_7	1.10	1.30	CL6	CLAY, sandy	Dark greyish blue sandy clay with fine gravel (NAT)
FF_Auger_9	0.00	0.40	SOIL	Topsoil	Light grey friable topsoil
FF_Auger_9	0.40	0.80	SL5	SILT, clayey	Dark brown mottled orange hard silt/clay
FF_Auger_9	0.80	1.00	OR1	ORGANIC SILT/CLAY	Very dark brown firm to soft slightly organic silt
FF_Auger_9	1.00	1.30	PE8	PEAT, silty	Very dark brown silty humified peat
FF_Auger_9	1.30	1.60	CL6	CLAY, sandy	Pale yellowish grey slightly sandy clay with black decayed woody roots, rare orange mottles, rare fine angular gravel (NAT)
FF_Auger_9	1.60	1.80	SA7	SAND, gravelly	Reddish yellow clayey gravelly sand (NAT)
FF_Auger_10	0.00	0.50	SOIL	Topsoil	Light grey friable topsoil
FF_Auger_10	0.50	1.00	SL5	SILT, clayey	Reddish brown, friable
FF_Auger_10	1.00	1.40	SA5	SAND, silty	Dark brown silty sand
FF_Auger_10	1.50	1.80	SA1	SAND	Dark yellowish grey sand
FF_Auger_10	1.80	1.85	CL1	CLAY	Blueish grey clay
FF_Auger_12	0.00	0.40	SOIL	Topsoil	Grey/brown friable silty topsoil
FF_Auger_12	0.40	0.90	CL5	CLAY, silty	Dark brown friable silty clay, very dry
FF_Auger_12	0.90	1.25	PE8	PEAT, silty	Silty humified peat, brown/black with a sharp lower boundary
FF_Auger_12	1.25	1.60	CL7	CLAY, sandy and gravelly	Yellow, becoming grey, mottled clay with sand and flint gravel, becoming olive in colour
FF_Auger_13	0.00	0.40	SOIL	Topsoil	Pale grey very dry friable silt/clay topsoil
FF_Auger_13	0.40	1.10	SL5	SILT, clayey	Dark reddish brown firm silt/clay, fine rootlets throughout
FF_Auger_13	1.10	1.50	PE8	PEAT, silty	Very dark brown, soft and wet very silty humified peat
FF_Auger_13	1.50	1.80	BR4	STIFF CLAY	Dark bluish grey, firm becoming stiff, slightly sandy gravelly (A-SA, granules and pebbles) clay (NAT)
FF_Auger_14	0.00	0.50	SOIL	Topsoil	Pale grey friable silty clay topsoil
FF_Auger_14	0.50	1.10	CL5	CLAY, silty	Dark reddish brown silty clay
FF_Auger_14	1.10	1.40	PE8	PEAT, silty	Very dark brown silty peat
FF_Auger_14	1.40	1.60	PE6	PEAT, fibrous	Very dark brown/black soft slightly fibrous peat with frequent wood fragments and twigs

FF_Auger_14	1.60	2.00	CL7	CLAY, sandy and gravelly	Light grey-blue sandy clay with frequent subangular flint gravel
FF_Auger_15	0.00	0.40	SOIL	Topsoil	Mid grey friable silt/clay topsoil
FF_Auger_15	0.40	0.60	SL5	SILT, clayey	Mid grey brown silt/clay
FF_Auger_15	0.60	0.80	SL5	SILT, clayey	Dark reddish brown mottled orange firm silt/clay
FF_Auger_15	0.80	1.40	PE8	PEAT, silty	Dark greyish brown very silty humified peat
FF_Auger_15	1.40	2.20	OR1	ORGANIC SILT/CLAY	Soft very fibrous very organic silt/clay, mid grey brown when fresh, oxidising to blue/dark grey. Very frequent herbaceous and small twiggy plant remains
FF_Auger_15	2.20	2.40	CL7	CLAY, sandy and gravelly	Dark blueish grey soft very wet sandy silt/clay with subangular gravel
FF_Auger_16	0.00	0.30	CL5	CLAY, silty	Light brown-grey silty clay
FF_Auger_16	0.30	0.40	CL5	CLAY, silty	Light brown-yellow silty clay with frequent chalk
FF_Auger_16	0.40	0.70	PE8	PEAT, silty	Mid red brown silty peat, frequent organic specks
FF_Auger_16	0.70	1.00	PE8	PEAT, silty	Dark grey brown silty peat, frequent mottling
FF_Auger_16	1.00	1.50	PE6	PEAT, fibrous	Fibrous peat, mid red brown when fresh, orxidising to dark grey brown, well preserved herbaceous fragments and wood inclusions
FF_Auger_16	1.50	1.90	PE8	PEAT, silty	Soft silty peat, dark grey brown
FF_Auger_16	1.90	2.00	CL7	CLAY, sandy and gravelly	Light yellow grey sandy clay with frequent gravel
FF_Auger_17	0.00	0.60	CL5	CLAY, silty	Light grey brown silty clay, frequent gravel inclusions
FF_Auger_17	0.60	0.90	PE8	PEAT, silty	Mid red brown silty peat
FF_Auger_17	0.90	1.30	PE6	PEAT, fibrous	Dark grey brown fibrous silty peat with frequent herbaceous and wood inclusions
FF_Auger_17	1.30	1.50	PE8	PEAT, silty	Dark grey brown silty peat
FF_Auger_17	1.50	1.80	PE8	PEAT, silty	Dark grey brown peaty silt, occasional angular flint gravel, rare twigs
FF_Auger_17	1.80	2.00	CL7	CLAY, sandy and gravelly	Light yellow grey clayey sand with frequent gravel
FF_Auger_18	0.00	0.40	SOIL	Topsoil	Light grey friable silt clay topsoil with rootlets
FF_Auger_18	0.40	0.80	CL5	CLAY, silty	Mid reddish brown stiff/friable silt clay with orange mottling
FF_Auger_18	0.80	1.30	PE5	PEAT, humified	Soft dark brown humified peat with rare wood fragments
FF_Auger_18	1.30	1.60	OR1	ORGANIC SILT/CLAY	Very dark grey organic silt with occasional organic fibres and rare angular flint gravel
FF_Auger_18	1.60	1.70	CL7	CLAY, sandy and gravelly	Soft, wet, mid blue grey very sandy clay with gravel
FF_Auger_19	0.00	0.40	SOIL	Topsoil	Mid grey very dry very friable silt topsoil
FF_Auger_19	0.40	0.80	SL5	SILT, clayey	Mid reddish brown to dark brown orange stuff silt/clay
FF_Auger_19	0.80	1.30	PE8	PEAT, silty	Very dark brown silty humified peat
FF_Auger_19	1.30	1.50	PE8	PEAT, silty	Very dark grey brown very organic peaty silt with occasional twig/wood fragments
FF_Auger_19	1.50	1.80	CL7	CLAY, sandy and gravelly	Pale blueish grey very sandy clay with frequent subangular fine gravel (NAT)
FF_Auger_20	0.00	0.40	SOIL	Topsoil	Pale grey friable silty topsoil
FF_Auger_20	0.40	0.90	SL5	SILT, clayey	Mid dark reddish brown silt/clay
FF_Auger_20	0.90	1.40	PE8	PEAT, silty	Very dark grey brown very silty peat (humified)
FF_Auger_20	1.40	1.60	CL6	CLAY, sandy	Pale greenish grey sandy clay with occasional fine gravel
FF_Auger_20	1.60	1.70	SA7	SAND, gravelly	Pale grey clayey coarse sand with frequent fine gravel (NAT)
FF_Auger_21	0.00	0.20	SOIL	Topsoil	Dark grey dry sandy very gravelly silt topsoil
FF_Auger_21	0.20	0.60	MG	Made Ground	Mid brownish yellow silt-bound poorly sorted flint gravel. Upcast from dyke? Made Ground. Auger hole refuse on gravel at 0.6m
FF_Auger_23	0.00	0.50	CL5	CLAY, silty	Light brown grey friable silty clay with occasional fine gravel of chalk and brick
FF_Auger_23	0.50	0.90	CL5	CLAY, silty	Mid reddish brown firm mottled orange silty clay
FF_Auger_23	0.90	1.10	SL5	SILT, clayey	Mid greyish brown with reddish mottling soft clayey silt
FF_Auger_23	1.10	1.25	PE8	PEAT, silty	Dark grey brown friable peaty silt
FF_Auger_23	1.25	1.50	SL5	SILT, clayey	Dark greyish brown soft clayey silt
FF_Auger_23	1.50	1.80	CL7	CLAY, sandy and gravelly	Light yellowish brown moderately soft sandy clay, occasional gravel
FF_Auger_24	0.00	0.40	CL5	CLAY, silty	Light brownish grey friable silty clay with occasional fine gravel of chalk and brick
FF_Auger_24	0.40	0.90	CL5	CLAY, silty	Dark reddish brown firm silty clay
FF_Auger_24	0.90	1.20	SL5	SILT, clayey	Mid brown firm clayey silt, rare fragmented shell and organic component
FF_Auger_24	1.20	1.40	PE8	PEAT, silty	Dark blackish brown soft organic peaty silt
FF_Auger_24	1.40	1.60	SA5	SAND, silty	Light yellowish brown soft silty sand with occasional small gravel inclusions
FF_Auger_25	0.00	0.40	CL5	CLAY, silty	Light brown grey friable silty clay with occasional fine gravel of chalk and brick
FF_Auger_25	0.40	0.80	CL5	CLAY, silty	Mid reddish brown firm mottled orange silty clay, rare angular stones
FF_Auger_25	0.80	1.10	SL5	SILT, clayey	Pale brownish grey soft clayey silt
FF_Auger_25	1.10	1.30	OR1	ORGANIC SILT/CLAY	Dark blackish brown soft organic peaty silt
FF_Auger_25	1.30	1.60	SA5	SAND, silty	Light yellowish brown soft silty sand with rare gravel inclusions
FF_Auger_26	0.00	0.40	CL5	CLAY, silty	Light brownish grey friable silty clay with occasional fine gravel of chalk and brick
FF_Auger_26	0.40	0.80	CL5	CLAY, silty	Mid reddish brown friable-firm silty clay
FF_Auger_26	0.80	1.20	PE8	PEAT, silty	Dark blackish brown friable peaty silt, rare shell fragments
FF_Auger_26	1.20	1.60	SL6	SILT, sandy	Light grey sandy silt, soft, rare gravel
FF_Auger_26	1.60	1.70	SA7	SAND, gravelly	Light yellowish brown silty sand, rare gravels
FF_Auger_27	0.00	0.50	CL5	CLAY, silty	Light brownish grey friable silty clay with occasional fine gravel of chalk and brick
FF_Auger_27	0.50	0.80	CL5	CLAY, silty	Mid reddish brown firm mottled orange silty clay, oxidised
FF_Auger_27	0.80	1.00	PE8	PEAT, silty	Dark grey brown friable peaty silt
FF_Auger_27	1.00	1.10	SL5	SILT, clayey	Light grey-brown softy clayey silt - buried soil
FF_Auger_27	1.10	1.80	SA5	SAND, silty	Pale grey silty sand
FF_Auger_27	1.80	1.90	GR2	GRAVEL, clayey	Clayey gravel, natural
FF_Auger_28	0.00	0.50	CL5	CLAY, silty	Light brownish grey friable silty clay with occasional gravel and chalk/brick
FF_Auger_28	0.50	0.90	CL5	CLAY, silty	Mid reddish brown silty clay, friable, oxidised
FF_Auger_28	0.90	1.10	PE8	PEAT, silty	Dark brown slightly friable silty peat
FF_Auger_28	1.10	1.20	PE8	PEAT, silty	Dark grey brown peaty silt, soft
FF_Auger_28	1.20	1.40	PE8	PEAT, silty	Dark grey brown silty peat, slightly mottled with mid grey silt towards base

FF_Auger_28	1.40	1.60	SL5	SILT, clayey	Mid grey brown clayey silt, mottled with dark grey brown peaty silt
FF_Auger_28	1.60	1.90	SL6	SILT, sandy	Light grey sandy silt, soft, slightly mottled
FF_Auger_28	1.90	2.40	CL5	CLAY, silty	Orange-brown silty clay, clean, natural gravel at base
FF_Auger_29	0.00	0.40	CL5	CLAY, silty	Friable light grey silty clay with occasional small chalk fragments and flecks
FF_Auger_29	0.40	0.60	CL5	CLAY, silty	Friably reddy-brown silty clay, oxidised
FF_Auger_29	0.60	0.70	SA1	SAND	Mottled yellow and white sand, firm, mineralisation
FF_Auger_29	0.70	1.00	SL5	SILT, clayey	Dark brownish grey clayey silt
FF_Auger_29	1.00	1.30	PE8	PEAT, silty	Dark grey peat-silt, soft, no inclusions
FF_Auger_29	1.30	1.60	SL5	SILT, clayey	Mid-soft, mottled, light grey clayey silt, no inclusions
FF_Auger_29	1.60	1.80	CL5	CLAY, silty	Mid grey brown silty clay
FF_Auger_29	1.80	2.30	CL8	CLAY, gravelly	Orange-grey silty clay, gravel, natural
FF_Auger_30	0.00	0.50	CL5	CLAY, silty	Light grey silty clay, occasional small stones, clinker fragments, friable
FF_Auger_30	0.50	0.80	CL5	CLAY, silty	Reddish brown silty clay, friable-firm
FF_Auger_30	0.80	1.00	CL5	CLAY, silty	Dark reddish brown silty clay, softer than above
FF_Auger_30	1.00	1.40	PE8	PEAT, silty	Dark grey brown silty peat, soft
FF_Auger_30	1.40	1.60	SL5	SILT, clayey	Dark grey brown clayey silt, soft and mottled mid grey clayey silt
FF_Auger_30	1.60	1.80	CL7	CLAY, sandy and gravelly	Light yellowish brown sandy clay, soft, occasional small gravel fragments
FF_Auger_32	0.00	0.30	CL5	CLAY, silty	Light brown-grey silty clay, friable
FF_Auger_32	0.30	0.50	CL5	CLAY, silty	Dark reddish brown silty clay, slightly mottled, friable
FF_Auger_32	0.50	0.70	CL5	CLAY, silty	Dark reddish brown silty clay, with white flecks and orangey oxidised flecks
FF_Auger_32	0.70	1.10	CL5	CLAY, silty	Dark brown silty clay, slightly friable
FF_Auger_32	1.10	1.30	CL5	CLAY, silty	Dark brown silty clay, slightly moist, softer than above (possibly continuous from above)
FF_Auger_32	1.30	1.70	PE8	PEAT, silty	Dark grey brown peaty silt, soft, moist
FF_Auger_32	1.70	1.80	CL5	CLAY, silty	Dark grey clayey silt, mottled with dark brown peaty silt, moist
FF_Auger_32	1.80	2.10	CL5	CLAY, silty	Dark blue-grey silty clay, damp
FF_Auger_32	2.10	2.30	SA7	SAND, gravelly	Dark brown grey gravelly sand, waterlogged
FF_Auger_33	0.00	0.40	CL5	CLAY, silty	Light brown grey silty clay
FF_Auger_33	0.40	0.80	CL5	CLAY, silty	Dark reddish brown silty clay, friable, oxidised, orange mottled mineralised inclusions
FF_Auger_33	0.80	1.20	SL5	SILT, clayey	Mottled dark grey and mid grey clayey silt, moist, soft
FF_Auger_33	1.20	1.40	PE8	PEAT, silty	Dark grey peaty silt, soft, no inclusions
FF_Auger_33	1.40	1.60	SL5	SILT, clayey	Dark grey clayey silt, no inclusions, soft
FF_Auger_33	1.60	1.90	SL5	SILT, clayey	Mottled dark grey clayey silt and blue-grey clayey silt
FF_Auger_33	1.90	2.40	SA4	SAND, clayey	Orangey-brown clayey sand
FF_Auger_34	0.00	0.50	CL5	CLAY, silty	Light brownish grey loose silty clay with occasional chalk flecks and fragments
FF_Auger_34	0.50	0.70	CL5	CLAY, silty	Firm-compact reddish brown silty clay with moderate-occasional white flecks and infrequent small stones
FF_Auger_34	0.70	1.00	CL5	CLAY, silty	Friable dark reddish brown silty clay with occasional mineralised orange flecks/inclusions
FF_Auger_34	1.00	1.40	CL5	CLAY, silty	Firm dark grey silty clay with rare small subangular stone inclusions
FF_Auger_34	1.40	1.60	PE8	PEAT, silty	Soft wet dark grey peaty silt with fragments of wood and rare 'quartz-like' gravel fragments
FF_Auger_34	1.60	1.80	SL5	SILT, clayey	Soft dark grey clayey silt with mottled peaty silt, rare gravel inclusions
FF_Auger_34	1.80	2.40	GR4	GRAVEL, sandy	Sandy gravel (NAT)
FF_Auger_35	0.00	0.50	CL5	CLAY, silty	Light brown grey silty clay, roots, occasional flecks of chalk, friable
FF_Auger_35	0.50	0.90	CL5	CLAY, silty	Dark reddish brown silty clay
FF_Auger_35	0.90	1.10	PE8	PEAT, silty	Very soft, sterile, dark grey peaty silt
FF_Auger_35	1.10	1.40	SL5	SILT, clayey	Friable brownish-grey clayey silt, minor dark grey mottling
FF_Auger_35	1.40	1.60	PE8	PEAT, silty	Soft dark grey silty peat, occasional dark red mottling, rare small gravel inclusions
FF_Auger_35	1.60	1.90	CL5	CLAY, silty	Mid grey soft silty clay with occasional dark grey silt patches, moderate small gravels
FF_Auger_35	1.90	2.00	GR4	GRAVEL, sandy	Sandy gravel (NAT)
FF_Auger_36	0.00	0.40	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional gravels of chalk and brick
FF_Auger_36	0.40	0.90	PE1	PEAT	Dark orange brown friable peat, desiccated
FF_Auger_36	0.90	1.30	PE1	PEAT	Dark blackish brown peat
FF_Auger_36	1.30	1.40	PE8	PEAT, silty	Dark grey greasy peaty silt
FF_Auger_36	1.40	1.50	SA5	SAND, silty	Thin dark grey silty sand, rare gravel (buried soil)
FF_Auger_36	1.50	1.80	SA7	SAND, gravelly	Dark bluey-grey clayey sand with common angular gravel
FF_Auger_37	0.00	0.50	CL5	CLAY, silty	Light brown grey friable silty clay with rare chalk and brick
FF_Auger_37	0.50	0.80	PE1	PEAT	Reddish brown friable peat
FF_Auger_37	0.80	1.40	PE1	PEAT	Dark black brown peat
FF_Auger_37	1.40	1.80	OR1	ORGANIC SILT/CLAY	Mid olive brown soft organic with reed cases (reed peat)
FF_Auger_37	1.80	2.00	SL5	SILT, clayey	Dark grey clayey silt
FF_Auger_37	2.00	2.20	SA7	SAND, gravelly	Pale grey blue clayey sand with gravel (NAT)
FF_Auger_38	0.00	0.50	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional gravels of chalk and brick
FF_Auger_38	0.50	0.90	PE1	PEAT	Reddish brown oxidised peat
FF_Auger_38	0.90	1.60	PE1	PEAT	Dark blackish brown peat
FF_Auger_38	1.60	2.20	OR1	ORGANIC SILT/CLAY	Mid olive brown soft organic with reed cases (reed peat)
FF_Auger_38	2.20	2.40	SL1	SILT	Dark grey greasy silt
FF_Auger_38	2.40	2.45	SA4	SAND, clayey	Bluey grey clayey sand, gravel inclusions
FF_Auger_39	0.00	0.40	CL5	CLAY, silty	Light brownish grey fraible silty clay
FF_Auger_39	0.40	1.00	PE1	PEAT	Dark reddish brown friable desiccated peat

FF_Auger_39	1.00	1.60	PE1	PEAT	Dark blackish brown soft peat
FF_Auger_39	1.60	1.80	OR2	ORGANIC SILT/CLAY, herbaceous	Mid olive brown peaty silt (reed peat) reed cases present
FF_Auger_39	1.80	2.00	SL1	SILT	Light bluey grey silt (wet) greasy
FF_Auger_39	2.00	2.10	SA7	SAND, gravelly	Light grey (yellowish) clayey sand with gravel inclusions
FF_Auger_40	0.00	0.30	CL5	CLAY, silty	Light brownish grey friable silty clay with occasional gravels of chalk abd brick
FF_Auger_40	0.30	0.60	PE1	PEAT	Dark reddish brown friable peat
FF_Auger_40	0.60	0.70	CL5	CLAY, silty	Pale orange brown friable silty clay
FF_Auger_40	0.70	1.30	PE1	PEAT	Dark black brown peat
FF_Auger_40	1.30	1.40	SL5	SILT, clayey	Mid to dark grey clayey silt (buried soil)
FF_Auger_40	1.40	1.85	BR4	STIFF CLAY	Very pale bluey grey clay, stiff (NAT)
FF_Auger_41	0.00	0.50	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional gravels of chalk and brick
FF_Auger_41	0.50	0.90	PE1	PEAT	Dark reddish brown friable peat
FF_Auger_41	0.90	1.65	PE1	PEAT	Blackish brown peat
FF_Auger_41	1.65	1.80	SL3	SILT, with woody remains	Pale grey silt, wood fragments towards base
FF_Auger_41	1.80	2.00	BR4	STIFF CLAY	Light yellowish clayey sand, stiff, common gravel
FF_Auger_42	0.00	0.40	SL1	SILT	Loose light brownish grey silt with occasional limestone fragments
FF_Auger_42	0.40	0.90	PE1	PEAT	Friable reddish brown desiccated peat, oxidised
FF_Auger_42	0.90	1.30	PE1	PEAT	Soft blackish brown peat
FF_Auger_42	1.30	1.40	PE1	PEAT	Remnant reed peat horiozon, dark blackish brown
FF_Auger_42	1.40	1.60	SL1	SILT	Dark grey greasy silt
FF_Auger_42	1.60	1.90	SA4	SAND, clayey	Light yellowish grey clayey sand with regular gravel inclusions
FF_Auger_43	0.00	0.50	SOIL	Topsoil	Light brown grey silty topsoil with gravel, chalk, brick
FF_Auger_43	0.50	0.80	PE1	PEAT	Reddish brown desiccated peat
FF_Auger_43	0.80	1.10	PE1	PEAT	Black brown peat with gravel
FF_Auger_43	1.10	1.30	SL1	SILT	Dark grey sticky peat
FF_Auger_43	1.30	1.50	CL1	CLAY	Pale yellow brown clay with rare sand (NAT)
FF_Auger_46	0.00	0.40	CL5	CLAY, silty	Friable light brown grey silty clay, occasional chalk
FF_Auger_46	0.40	0.50	CL5	CLAY, silty	Compact orange brown silty clay
FF_Auger_46	0.50	1.00	PE1	PEAT	Friable reddish brown desiccated peat
FF_Auger_46	1.00	1.30	PE8	PEAT, silty	Friable dark brown peat/silt
FF_Auger_46	1.30	1.60	SL1	SILT	Greasy dark grey silt, highly fragmented shell
FF_Auger_46	1.60	1.80	SL1	SILT	Greasy mid grey silt
FF_Auger_46	1.80	1.90	SA4	SAND, clayey	Yellow grey firm sand/clay (NAT)
FF_Auger_47	0.00	0.40	CL5	CLAY, silty	Friable light brown grey silty clay
FF_Auger_47	0.40	0.50	CL1	CLAY	Compact mid light brown grey clay, common charcoal and burnt clay
FF_Auger_47	0.50	1.20	CL5	CLAY, silty	Firm dark brown grey silty clay, iron staining, dry at top then moist below 0.80
FF_Auger_47	1.20	1.40	PE8	PEAT, silty	Soft black brown peaty silt
FF_Auger_47	1.40	1.70	SL1	SILT	Pale grey silt, rare shell flecks
FF_Auger_47	1.70	1.80	SL1	SILT	Dark grey brown silt, small gravel inclusions
FF_Auger_47	1.80	1.90	CL6	CLAY, sandy	Orange brown sandy clay with occasional gravels (NAT)
FF_Auger_48	0.00	0.50	CL5	CLAY, silty	Friable light brownish grey silty clay
FF_Auger_48	0.50	0.70	CL5	CLAY, silty	Friable dark reddish brown silty clay? Peaty
FF_Auger_48	0.70	1.00	CL5	CLAY, silty	Mid brown silty clay, rare charcoal flecks, friable
FF_Auger_48	1.00	1.10	SL1	SILT	Pale orange brown silt
FF_Auger_48	1.10	1.30	PE8	PEAT, silty	Soft blackish brown peaty silt
FF_Auger_48	1.30	1.40	SL6	SILT, sandy	Pale grey sandy silt (buried soil)
FF_Auger_48	1.40	1.50	CL5	CLAY, silty	Light orange brown sandy clay with common gravel (NAT)
FF_Auger_49	0.00	0.40	CL5	CLAY, silty	Light brownish grey friable silty clay
FF_Auger_49	0.40	0.50	SL1	SILT	Compact pale yellow brown silt (alluvium?)
FF_Auger_49	0.50	0.90	PE8	PEAT, silty	Dark reddish brown peaty silt, iron staining
FF_Auger_49	0.90	1.20	OR1	ORGANIC SILT/CLAY	Dark blackish grey greasy organic silt
FF_Auger_49	1.20	1.30	SL1	SILT	Dark greyish brown sticky silt
FF_Auger_49	1.30	1.40	SL1	SILT	Light grey brown soft silt
FF_Auger_49	1.40	1.50	CL6	CLAY, sandy	Orange brown sandy clay with common gravel (NAT)
FF_Auger_50	0.00	0.40	CL5	CLAY, silty	Light brown grey friable silty clay with flecks of chalk and brick
FF_Auger_50	0.40	1.00	PE8	PEAT, silty	Dark reddish brown peaty silt, friable
FF_Auger_50	1.00	1.20	PE8	PEAT, silty	Dark greyish brown peaty silt, soft
FF_Auger_50	1.20	1.50	CL6	CLAY, sandy	Mid grey sandy clay, greasy
FF_Auger_50	1.50	1.70	CL6	CLAY, sandy	Orange brown sandy clay with frequent gravel
FF_Auger_51	0.00	0.40	CL5	CLAY, silty	Light brownish grey friable silty clay, tiny flecks of brick and chalk
FF_Auger_51	0.40	0.80	PE8	PEAT, silty	Mid-dark reddish brown peaty silt, friable
FF_Auger_51	0.80	1.00	PE1	PEAT	Dark black brown peat, friable
FF_Auger_51	1.00	1.20	SL1	SILT	Dark greyish brown greasy silt
FF_Auger_51	1.20	1.50	SL6	SILT, sandy	Mid grey sandy silt, rare small gravel inclusions
FF_Auger_51	1.50	1.60	CL7	CLAY, sandy and gravelly	Red brown sandy clay, common gravel
FF_Auger_52	0.00	0.40	CL5	CLAY, silty	Light brown grey silty clay, occasional chalk flecks
FF_Auger_52	0.40	0.70	PE8	PEAT, silty	Dark reddish brown friable peaty silt
FF_Auger_52	0.70	1.10	CL5	CLAY, silty	Dark grey cohesive silty clay
FF_Auger_52	1.10	1.20	PE8	PEAT, silty	Blackish brown friable peaty silt
FF_Auger_52	1.20	1.40	SL1	SILT	Mid grey greasy silt
FF_Auger_52	1.40	1.50	CL6	CLAY, sandy	Light grey sandy silty clay

FF_Auger_52	1.50	1.60	CL7	CLAY, sandy and gravelly	Orange brown sandy clay, occasional gravel
FF_Auger_53	0.00	0.40	SOIL	Topsoil	Light brown grey; flecks of chalk
FF_Auger_53	0.40	0.70	PE8	PEAT, silty	Dark reddish brown peaty silt, fragmented shell
FF_Auger_53	0.70	0.90	PE8	PEAT, silty	Dark brown peaty silt, friable
FF_Auger_53	0.90	1.10	PE8	PEAT, silty	Dark brown silty peat, friable
FF_Auger_53	1.10	1.40	OR1	ORGANIC SILT/CLAY	Dark grey greasy organic silt
FF_Auger_53	1.40	1.50	CL6	CLAY, sandy	Mid light grey sandy clay (buried soil)
FF_Auger_53	1.50	1.60	CL7	CLAY, sandy and gravelly	Pale yellow brown sandy clay, occasional gravel
FF_Auger_54	0.00	0.40	SOIL	Topsoil	Light brownish grey; friable, chalk
FF_Auger_54	0.40	0.70	PE8	PEAT, silty	Dark reddish brown peaty silt
FF_Auger_54	0.70	1.00	SL1	SILT	Dark brown greasy silt
FF_Auger_54	1.00	1.40	OR1	ORGANIC SILT/CLAY	Dark reddish brown organic silt
FF_Auger_54	1.40	1.60	SL5	SILT, clayey	Dark grey clayey silt, rare small gravel
FF_Auger_54	1.60	1.70	CL6	CLAY, sandy	Mid grey sandy clay
FF_Auger_54	1.70	1.80	CL7	CLAY, sandy and gravelly	Pale orange grey sandy clay with occasional gravel
FF_Auger_55	0.00	0.50	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional gravels of chalk and brick
FF_Auger_55	0.50	0.90	PE8	PEAT, silty	Dark reddish brown friable peaty silt
FF_Auger_55	0.90	1.40	PE8	PEAT, silty	Dark blackish brown soft silty peat, small waterlogged wood
FF_Auger_55	1.40	1.50	SL6	SILT, sandy	Mid grey greasy sandy silt (buried soil)
FF_Auger_55	1.50	1.60	CL7	CLAY, sandy and gravelly	Light greyish orange sandy clay, occasional gravel (NAT)
FF_Auger_56	0.00	0.40	CL5	CLAY, silty	Light brownish grey friable silty clay with occasional chalk and brick
FF_Auger_56	0.40	0.60	PE8	PEAT, silty	Dark reddish brown friable silty peat
FF_Auger_56	0.60	1.10	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_56	1.10	1.40	PE8	PEAT, silty	Dark grey soft peaty silt (sparkles)
FF_Auger_56	1.40	1.50	OR1	ORGANIC SILT/CLAY	Mid dark grey organic silt
FF_Auger_56	1.50	1.80	BR4	STIFF CLAY	Blue grey stiff sandy clay, occasional gravel
FF_Auger_57	0.00	0.50	CL5	CLAY, silty	Light brownish grey friable silty clay
FF_Auger_57	0.50	1.00	PE8	PEAT, silty	Dark reddish brown friable silty peat (sparkles)
FF_Auger_57	1.00	1.60	PE8	PEAT, silty	Dark grey peaty silt
FF_Auger_57	1.60	1.90	CL7	CLAY, sandy and gravelly	Mid bluey grey buttery sandy clay, occasional gravel (NAT)
FF_Auger_58	0.00	0.40	CL5	CLAY, silty	Light brownish grey friable silty clay
FF_Auger_58	0.40	1.00	PE8	PEAT, silty	Dark reddish brown friable silty peat (sparkles, desiccated wood)
FF_Auger_58	1.00	1.50	PE8	PEAT, silty	Dark blackish brown peaty silt
FF_Auger_58	1.50	1.70	CL7	CLAY, sandy and gravelly	Mid bluey grey sandy clay, occasional gravel (NAT)
FF_Auger_59	0.00	0.50	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional chalk and brick
FF_Auger_59	0.50	0.90	PE8	PEAT, silty	Mid reddish brown friable silty peat
FF_Auger_59	0.90	1.10	PE8	PEAT, silty	Dark grey soft peaty silt
FF_Auger_59	1.10	1.30	PE6	PEAT, fibrous	Black peat with wood 'fibres'
FF_Auger_59	1.30	1.40	CL6	CLAY, sandy	Mid grey sandy clay (buried soil)
FF_Auger_59	1.40	1.50	CL7	CLAY, sandy and gravelly	Pale orange grey sandy clay with gravel (NAT)
FF_Auger_60	0.00	0.40	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional chalk and brick
FF_Auger_60	0.40	0.90	PE8	PEAT, silty	Dark reddish brown friable silty peat (sparkles)
FF_Auger_60	0.90	1.70	PE8	PEAT, silty	Dark blackish brown soft silty peat, waterlogged wood fragments
FF_Auger_60	1.70	2.00	PE8	PEAT, silty	Dark blackish grey soft peaty silt
FF_Auger_60	2.00	2.10	CL7	CLAY, sandy and gravelly	Bluey grey sandy clay, occasional gravel (NAT)
FF_Auger_61	0.00	0.40	CL5	CLAY, silty	Light brownish grey friable silty clay with occasional small chalk flecks
FF_Auger_61	0.40	1.00	PE8	PEAT, silty	Dark reddish brown friable silty peat
FF_Auger_61	1.00	1.70	PE8	PEAT, silty	Dark blackish brown soft silty peat, small waterlogged wood
FF_Auger_61	1.70	2.30	PE8	PEAT, silty	Dark olive brown soft peaty silty (reed peat)
FF_Auger_61	2.30	2.40	OR1	ORGANIC SILT/CLAY	Dark greyish brown soft organic silt, moderate small shell fragments
FF_Auger_61	2.40	2.50	CL7	CLAY, sandy and gravelly	Light blue grey sandy clay with rare gravels and rootlets
FF_Auger_62	0.00	0.40	CL5	CLAY, silty	Light brownish grey friable silty clay, rare chalk and brick
FF_Auger_62	0.40	0.90	PE8	PEAT, silty	Dark reddish brown friable silty peat
FF_Auger_62	0.90	1.20	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_62	1.20	1.60	OR1	ORGANIC SILT/CLAY	Dark brown soft organic silt
FF_Auger_62	1.60	1.80	CL7	CLAY, sandy and gravelly	Pale blue grey sandy clay with rare gravels and roots
FF_Auger_63	0.00	0.20	CL5	CLAY, silty	Light brownish grey friable silty clay
FF_Auger_63	0.20	0.50	PE8	PEAT, silty	Dark reddish brown friable silty peat
FF_Auger_63	0.50	0.60	CL5	CLAY, silty	Pale brown compact silty clay, iron staining (alluvium)
FF_Auger_63	0.60	0.80	PE8	PEAT, silty	Dark reddish brown friable-to-soft silty peat
FF_Auger_63	0.80	1.40	PE1	PEAT	Dark blackish brown peat
FF_Auger_63	1.40	1.70	OR1	ORGANIC SILT/CLAY	Dark grey organic silt
FF_Auger_63	1.70	1.80	CL7	CLAY, sandy and gravelly	Blue grey sandy clay, occasional gravel (NAT)
FF_Auger_64	0.00	0.20	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional chalk and brick
FF_Auger_64	0.20	0.40	CL5	CLAY, silty	Light brown stiff silty clay, iron staining (aullvium)
FF_Auger_64	0.40	0.80	PE8	PEAT, silty	Dark grey (reddish) friable peaty silt
FF_Auger_64	0.80	1.40	PE8	PEAT, silty	Dark blackish brown soft silty peat, common small wood inclusions/twigs, rare shell fragments
FF_Auger_64	1.40	1.90	OR1	ORGANIC SILT/CLAY	Dark grey soft greasy organic silt
FF_Auger_64	1.90	2.00	CL6	CLAY, sandy	Blue grey sandy clay (NAT)
FF_Auger_65	0.00	0.20	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional brick and chalk
FF_Auger_65	0.20	0.90	CL5	CLAY, silty	Mid brown grey firm silty clay, alluvium

FF_Auger_65	0.90	1.20	PE8	PEAT, silty	Mid red brown soft peaty silt, occasional gravel
FF_Auger_65	1.20	1.70	PE8	PEAT, silty	Dark grey brown (reddish streaks) peaty silt, mineralisation, wood, gravel
FF_Auger_65	1.70	2.30	CL5	CLAY, silty	Dark grey soft greasy silty clay, rare gravel and mineralisation
FF_Auger_65	2.30	2.60	CL8	CLAY, gravelly	Grey blue soft clay, gravel
FF_Auger_66	0.00	0.15	SOIL	Topsoil	Mid brownish grey friable 'loam' with common gravel
FF_Auger_66	0.15	0.30	CL5	CLAY, silty	Mid brown grey compact silty clay (remnant alluvium)
FF_Auger_66	0.30	0.35	SA4	SAND, clayey	Reddy orange compact clayey sand, common gravel (NAT)
FF_Auger_67	0.00	0.30	CL5	CLAY, silty	Loose greyish brown silty clay, moderate gravel/small stones
FF_Auger_67	0.30	0.50	CL5	CLAY, silty	Compact mottled orange grey silty clay (alluvium)
FF_Auger_67	0.50	0.60	PE8	PEAT, silty	Soft mid-dark brown peaty silt (desiccated peat?)
FF_Auger_67	0.60	0.80	CL6	CLAY, sandy	Moderate firm dark grey sandy clay, light orange sandy inclusions
FF_Auger_67	0.80	0.90	CL6	SAND, clayey	Soft brown sandy clay with orange sand lenses
FF_Auger_67	0.90	1.10	SA4	SAND, clayey	Soft orange grey clayey sand
FF_Auger_68	0.00	0.20	CL5	CLAY, silty	Loose grey brown silty clay, occasional small gravels (ploughsoil)
FF_Auger_68	0.20	0.40	CL5	CLAY, silty	Compact mottled orange grey silty clay, occasional gravels
FF_Auger_68	0.40	0.50	CL5	CLAY, silty	Firm orange brown silty clay
FF_Auger_68	0.50	0.60	SA5	SAND, silty	Loose light yellow brown silty sand with frequent gravels (NAT)
FF_Auger_69	0.00	0.40	SOIL	Topsoil	Pale grey very friable silty topsoil
FF_Auger_69	0.40	0.60	CL6	CLAY, sandy	Dark grey mottled reddish yellow silty clay, firm
FF_Auger_69	0.60	1.00	BR4	STIFF CLAY	Dark reddish brown faintly mottled stiff clay (clay enriched from above?)
FF_Auger_69	1.00	1.40	OR1	ORGANIC SILT/CLAY	Firm very dark grey brown slightly organic silt/clay
FF_Auger_69	1.40	1.85	OR2	ORGANIC SILT/CLAY, herbaceous	Very dark grey slightly organic silt, occasional mollusc shells and shell fragments (~freshwater?), rare reed/herbaceous plant impressions, decayed stems
FF_Auger_69	1.85	1.90	CL6	CLAY, sandy	Dark grey sandy clay
FF_Auger_69	1.90	2.20	CL7	CLAY, sandy and gravelly	Mid olive grey clayey sand and gravel
FF_Auger_70	0.00	0.30	SOIL	Topsoil	Pale grey friable silty topsoil
FF_Auger_70	0.30	0.50	CL5	CLAY, silty	Dark grey mottled orange firm silty clay
FF_Auger_70	0.50	0.60	BR4	STIFF CLAY	Stiff mid brownish grey mottled reddish yellow clay (overbank alluvium?)
FF_Auger_70	0.60	1.00	PE8	PEAT, silty	Very dark brown friable silty peat/organic silt
FF_Auger_70	1.00	1.30	SL1	SILT	Dark grey soft well-sorted silt
FF_Auger_70	1.30	1.70	OR1	ORGANIC SILT/CLAY	Very dark brownish grey organic silt with shell fragments (1-2mm)
FF_Auger_70	1.70	1.85	CL7	CLAY, sandy and gravelly	Dark brownish orange clayey sand and gravel
FF_Auger_71	0.00	0.30	SOIL	Topsoil	Mid grey friable silty topsoil with roots
FF_Auger_71	0.30	0.50	CL1	CLAY	Dark grey mottled orange clay, firm
FF_Auger_71	0.50	0.70	CL1	CLAY	Dark greyish brown clay with faint orange mottles
FF_Auger_71	0.70	1.10	SL1	SILT	Pale brownish grey, very dry friable silt
FF_Auger_71	1.10	1.35	PE5	PEAT, humified	Very dark brown silty humified peat, some faint reddish mottling, rare organic fibres
FF_Auger_71	1.35	1.80	SL6	SILT, sandy	Mid grey slightly sandy silt with rare angular flint pebbles, rare charcoal(?) flecks
FF_Auger_71	1.80	1.90	SA7	SAND, gravelly	Slightly clayey coarse sand with flint gravel
FF_Auger_73	0.00	0.40	CL5	CLAY, silty	Light yellow grey friable silt clay, dry, occasional brick and chalk
FF_Auger_73	0.40	0.70	CL1	CLAY	Mid reddish brown,, mottled orange, friable oxidised clay
FF_Auger_73	0.70	0.80	CL5	CLAY, silty	Dark grey brown silty clay
FF_Auger_73	0.80	1.00	OR1	ORGANIC SILT/CLAY	Soft mid brown grey organic silty clay
FF_Auger_73	1.00	1.30	CL5	CLAY, silty	Mid grey soft silty clay, some sand, occasional gravel
FF_Auger_73	1.30	1.40	SA7	SAND, gravelly	Light orange sand, frequent gravel
FF_Auger_74	0.00	0.40	SOIL	Topsoil	Light grey friable silt topsoil
FF_Auger_74	0.40	0.70	BR4	STIFF CLAY	Dark reddish brown stiff silt/clay
FF_Auger_74	0.70	0.80	CL6	CLAY, sandy	Dark brown mottled orange (pockets of pale grey) sandy clay
FF_Auger_74	0.80	1.10	OR1	ORGANIC SILT/CLAY	Dark brown organic silt
FF_Auger_74	1.10	1.50	SL6	SILT, sandy	Dark grey sandy silt with rare fine gravel (buried soil)
FF_Auger_74	1.50	1.60	SA5	SAND, silty	Yellow/orange silty sand with gravel (NAT)
FF_Auger_75	0.00	0.40	SOIL	Topsoil	Pale yellow brown friable silty topsoil, rare gravel and chalk
FF_Auger_75	0.40	1.00	BR4	STIFF CLAY	Dark reddish brown (orange mottling) friable-stiff oxidised clay
FF_Auger_75	1.00	1.30	CL5	CLAY, silty	Dark brown reddish mottling friable cohesive silty clay
FF_Auger_75	1.30	1.60	SL6	SILT, sandy	Mid yellow grey soft sandy silt with occasional fine gravel (buried soil?)
FF_Auger_75	1.60	1.90	CL5	CLAY, silty	Medium grey soft silty clay, frequent fine gravel
FF_Auger_75	1.90	2.00	SA7	SAND, gravelly	Orange clayey sand with frequent gravel, wet (NAT)
FF_Auger_76	0.00	0.40	SOIL	Topsoil	Pale grey friable silty topsoil
FF_Auger_76	0.40	0.60	CL5	CLAY, silty	Dark grey firm silt/clay
FF_Auger_76	0.60	1.00	CL1	CLAY	Dark reddish brown friable but firm clay
FF_Auger_76	1.00	1.30	PE5	PEAT, humified	Very dark brown silty humified peat
FF_Auger_76	1.30	1.60	OR3	ORGANIC SILT/CLAY, woody	Dark brownish grey organic silt with rare twig/round wood fragments
FF_Auger_76	1.60	2.10	CL5	CLAY, silty	Mid olive grey slightly sandy soft silt/clay with frequent charcoal fragments (>10mm long) (buried soil? Feature?)
FF_Auger_76	2.10	2.20	SA4	SAND, clayey	Pale olive/blue grey clayey sand with gravel, wet (NAT)
FF_Auger_77	0.00	0.40	SOIL	Topsoil	Light grey friable silt topsoil
FF_Auger_77	0.40	0.70	CL1	CLAY	Dark reddish brown firm clay with ?pyrite speckles
FF_Auger_77	0.70	0.90	PE5	PEAT, humified	Very dark brown soft silty humified peat
FF_Auger_77	0.90	1.30	PE8	PEAT, silty	Very dark grey brown very silty peat, some plant macros (seeds, fibres)
FF_Auger_77	1.30	1.38	CL6	CLAY, sandy	Olive grey firm sandy clay with rare charcoal flecks (buried soil)
FF_Auger_77	1.38	1.40	CL7	CLAY, sandy and gravelly	Orange firm clayey sand and gravel (NAT)
FF_Auger_78	0.00	0.40	CL5	CLAY, silty	Friable to loose silty clay, light grey brown, occasional chalk and brick

FF_Auger_78	0.40	0.70	SL5	SILT, clayey	Friable clayey silt, orange brown with mineralisation and sandy flecking
FF_Auger_78	0.70	1.10	CL5	CLAY, silty	Firm dark grey brown silty clay, occasional orange mottling
FF_Auger_78	1.10	1.40	PE8	PEAT, silty	Soft dark grey silty peat
FF_Auger_78	1.40	1.60	SA5	SAND, silty	Soft light orange grey silty sand, occasional gravel
FF_Auger_78	1.60	1.80	CL6	CLAY, sandy	Moderate orange grey sandy clay, moderate gravels
FF_Auger_79	0.00	0.40	CL5	CLAY, silty	Friable to loose silty clay, light grey brown, occasional chalk and brick
FF_Auger_79	0.40	0.60	CL5	CLAY, silty	Friable silty clay, greyish brown, moderate orange mottling, rare small stones
FF_Auger_79	0.60	0.80	CL5	CLAY, silty	As above, darker in colour, more clayey
FF_Auger_79	0.80	1.20	PE8	PEAT, silty	Dark grey silty peat, moderate to soft
FF_Auger_79	1.20	1.30	SL5	SILT, clayey	Dark grey soft clay silt, occasional wood fragments, grey mottling
FF_Auger_79	1.30	1.60	CL6	CLAY, sandy	Light orange grey moderate/firm sandy clay, moderate gravels
FF_Auger_79	1.60	1.70	CL6	CLAY, sandy	Orange grey sandy clay, gravel inclusions
FF_Auger_80	0.00	0.40	CL5	CLAY, silty	Friable to loose silty clay, light grey brown, small chalk
FF_Auger_80	0.40	0.50	CL5	CLAY, silty	Firm mid greyish brown silty clay
FF_Auger_80	0.50	0.70	SL5	SILT, clayey	Friable orange brown clayey silt
FF_Auger_80	0.70	1.00	PE8	PEAT, silty	Soft brownish grey peaty silt, occasional roots
FF_Auger_80	1.00	1.20	PE8	PEAT, silty	Soft peaty silt, dark brownish grey, slightly greasy
FF_Auger_80	1.20	1.30	CL6	CLAY, sandy	Soft, light grey brown sandy clay, infrequent gravel inclusions (transitional layer(
FF_Auger_80	1.30	1.40	CL6	CLAY, sandy	Moderate orangey sandy clay
FF_Auger_80	1.40	1.80	CL6	CLAY, sandy	Plastic less orange darker sandy clay
FF_Auger_81	0.00	0.50	CL5	CLAY, silty	Loose to friable light bronwish grey silty clay with occasional chalk and brick
FF_Auger_81	0.50	0.80	SL5	SILT, clayey	Friable clayey silt, grey brown with orange mottling, rare orange mineralisation
FF_Auger_81	0.80	1.00	SL5	SILT, clayey	Firm brown clayey silt, possible interface from above layer, definite compaction change (recorded as separate)
FF_Auger_81	1.00	1.40	PE8	PEAT, silty	Soft dark brown peaty silt, occasional charcoal
FF_Auger_81	1.40	1.60	CL5	CLAY, silty	Soft light grey brown silty clay with occasional orange sand flecks
FF_Auger_81	1.60	1.90	CL6	CLAY, sandy	Soft mid grey sandy clay with occasional gravel, slightly greasy
FF_Auger_82	0.00	0.40	CL5	CLAY, silty	Loose/friable light brownish grey silty clay, occasional chalk fragments
FF_Auger_82	0.40	0.60	SL5	SILT, clayey	Friable grey brown clay silt
FF_Auger_82	0.60	0.80	SL1	SILT	Firm mid orange-brown silt with orange mottled patches
FF_Auger_82	0.80	1.10	CL5	CLAY, silty	Soft dark brown silty clay, small white quartz-like inclusions
FF_Auger_82	1.10	1.50	PE8	PEAT, silty	Very soft dark grey silty peat
FF_Auger_82	1.50	1.70	PE8	PEAT, silty	Very soft dark grey silty peat, moderate-frequent waterlogged wood fragments
FF_Auger_82	1.70	1.90	CL6	CLAY, sandy	Soft, greasy, light-mid grey sandy clay
FF_Auger_82	1.90	2.00	SA4	SAND, clayey	Firm mid grey clayey sand, moderate gravels (NAT)
FF_Auger_83	0.00	0.30	CL5	CLAY, silty	Loose friable light brownish grey silty clay, occasional small chalk fragments
FF_Auger_83	0.30	0.70	CL5	CLAY, silty	Friable brown silty clay with occasional small gravel and orange mottling
FF_Auger_83	0.70	0.90	CL5	CLAY, silty	Moderate/soft greyish brown silty clay, rooting
FF_Auger_83	0.90	1.40	PE8	PEAT, silty	Soft dark grey silty peat, moderate waterlogged wood fragments
FF_Auger_83	1.40	1.60	CL5	CLAY, silty	Soft dark grey greasy silty clay
FF_Auger_83	1.60	1.90	PE8	PEAT, silty	Soft dark grey silty peat, moderate waterlogged wood fragments
FF_Auger_83	1.90	2.00	CL6	CLAY, sandy	Soft light yellow/grey sandy clay, occasional gravels
FF_Auger_83	2.00	2.20	SA7	SAND, gravelly	Light orange/grey sand with frequent gravels
FF_Auger_84	0.00	0.20	CL5	CLAY, silty	Dark brown firm silty clay
FF_Auger_84	0.20	0.50	CL5	CLAY, silty	Greyish brown firm silty clay
FF_Auger_84	0.50	0.70	CL5	CLAY, silty	Brownish grey firm silty clay
FF_Auger_84	0.70	1.00	CL1	CLAY	Moderate/soft mid-dark grey clay
FF_Auger_84	1.00	1.20	SL5	SILT, clayey	Friable dark grey brown clayey silt
FF_Auger_84	1.20	1.50	PE8	PEAT, silty	soft dark grey silty peat, occasional small waterlogged wood fragments
FF_Auger_84	1.50	1.80	PE7	PEAT, clayey	Soft mid grey peaty clay
FF_Auger_84	1.80	2.70	PE3	PEAT, woody	Soft brown peat, oxidising very quickly to dark grey, moderate to occasional waterlogged wood fragments (reed peat?)
FF_Auger_84	2.70	3.30	PE3	PEAT, woody	Soft mid to dark brown peat, slightly gritty texture, occasional waterlogged wood fragments
FF_Auger_84	3.30	3.80	CL6	CLAY, sandy	Moderate to soft light to mid grey sandy clay, small gravel, occasional orange mottling
FF_Auger_84	3.80	3.90	SA7	SAND, gravelly	Soft brownish grey sand with frequent gravels
FF_Auger_85	0.00	0.30	SL6	SILT, sandy	Loose orange brown sandy silt with frequent gravel
FF_Auger_85	0.30	0.50	CL6	CLAY, sandy	Very compact mottled grey brown with orange patches sandy clay with frequent gravel
FF_Auger_85	0.50	0.80	SA5	SAND, silty	Compact mottled orange brown silty sand with moderate to frequent gravel
FF_Auger_85	0.80	1.30	CL5	CLAY, silty	Moderate greyish brown silty clay with occasional gravel
FF_Auger_85	1.30	1.60	CL5	CLAY, silty	Soft mid greyish brown silty clay
FF_Auger_85	1.60	2.40	PE8	PEAT, silty	Soft mid brown (oxidising to grey) peaty silt, moderate small waterlogged wood fragments
FF_Auger_85	2.40	2.70	SL5	SILT, clayey	Soft dark grey clayey silt, occasional waterlogged wood fragments
FF_Auger_85	2.70	2.80	CL6	CLAY, sandy	Soft light yellow grey sandy clay, frequent small gravel
FF_Auger_86	0.00	0.40	CL5	CLAY, silty	Mid brownish grey loose silty clay, moderate to frequent gravels
FF_Auger_86	0.40	1.10	CL5	CLAY, silty	Pale brown compact silty clay, iron staining (alluvium)
FF_Auger_86	1.10	1.80	PE8	PEAT, silty	Blackish brown silty peat, moderate shell
FF_Auger_86	1.80	2.00	PE3	PEAT, woody	Dark grey woody peat, moderate waterlogged wood
FF_Auger_86	2.00	2.20	OR3	ORGANIC SILT/CLAY, woody	Dark grey soft organic silt, occasional wood fragments
FF_Auger_86	2.20	2.30	CL5	CLAY, silty	Blue grey silty clay, occasional gravels (NAT)

FF_Auger_87	0.00	0.20	SOIL	Topsoil	Light orange brown loose sandy loam, abundant gravel
FF_Auger_87	0.20	0.50	CL5	CLAY, silty	Grey brown compact silty clay
FF_Auger_87	0.50	0.80	PE8	PEAT, silty	Dark reddish brown friable silty peat
FF_Auger_87	0.80	1.00	SL5	SILT, clayey	Dark brownish grey clayey silt
FF_Auger_87	1.00	1.30	PE8	PEAT, silty	Dark blackish brown silty peat
FF_Auger_87	1.30	1.50	PE3	PEAT, woody	Dark orangey black peat, wood fragments
FF_Auger_87	1.50	1.80	OR1	ORGANIC SILT/CLAY	Dark grey soft organic silt
FF_Auger_87	1.80	2.05	CL6	CLAY, sandy	Mid blue grey greasy clay, sandy at base
FF_Auger_88	0.00	0.20	SL1	SILT	Compact, mid brown silt with frequent gravel
FF_Auger_88	0.20	0.50	SL6	SILT, sandy	Very compact orange brown sandy silt
FF_Auger_88	0.50	0.60	SA1	SAND	Compact very pale brown sand
FF_Auger_89	0.00	0.20	CL5	CLAY, silty	Loose grey brown silty clay, small occasional inclusions
FF_Auger_89	0.20	0.30	CL5	CLAY, silty	Firm compact orangey brown silty clay, minimal inclusions
FF_Auger_89	0.30	0.40	SA5	SAND, silty	Loose light orange grey silty sand, occasional gravels
FF_Auger_89	0.40	0.80	SA7	SAND, gravelly	Soft light grey sand, frequent gravels (NAT)
FF_Auger_90	0.00	0.20	SL5	SILT, clayey	Loose grey brown clayey silt, occasional gravel
FF_Auger_90	0.20	0.40	CL5	CLAY, silty	Compact brown grey silty clay, occasional small charcoal inclusions
FF_Auger_90	0.40	0.50	SA4	SAND, clayey	Soft orangey light brown clayey sand, occasional small gravel
FF_Auger_90	0.50	0.90	SA7	SAND, gravelly	Firm light grey sand, moderate gravel
FF_Auger_91	0.00	0.30	CL5	CLAY, silty	Mid grown grey friable silty clay, common small chalk
FF_Auger_91	0.30	0.60	CL5	CLAY, silty	Pale brown silty clay, iron staining (alluvium)
FF_Auger_91	0.60	1.20	PE8	PEAT, silty	Mid reddish brown peaty silt (20cm void)
FF_Auger_91	1.20	1.60	OR1	ORGANIC SILT/CLAY	Mid orange grey organic silt
FF_Auger_91	1.60	1.80	SL1	SILT	Dark brownish grey cohesive silt (mud)
FF_Auger_91	1.80	1.90	CL7	CLAY, sandy and gravelly	Orange grey compact sandy clay with rare gravel
FF_Auger_92	0.00	0.30	CL5	CLAY, silty	Light brown grey friable silty clay, occasional chalk and brick
FF_Auger_92	0.30	0.40	CL5	CLAY, silty	Light brown compact silty clay (alluvium)
FF_Auger_92	0.40	0.90	PE8	PEAT, silty	Dark reddish brown friable peaty silt
FF_Auger_92	0.90	1.20	CL5	CLAY, silty	Pale brown silty clay, cohesive
FF_Auger_92	1.20	1.50	PE8	PEAT, silty	Dark brownish grey peaty silt, cohesive
FF_Auger_92	1.50	1.60	CL5	CLAY, silty	Mid grey sandy clay (buried soil)
FF_Auger_92	1.60	1.80	CL7	CLAY, sandy and gravelly	Pale orange sandy clay, occasional gravels (NAT)
FF_Auger_93	0.00	0.20	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional chalk
FF_Auger_93	0.20	0.40	CL5	CLAY, silty	Pale brown compact silty clay (alluvium)
FF_Auger_93	0.40	0.80	CL5	CLAY, silty	Mid reddish brown cohesive silty clay, some small shell fragments
FF_Auger_93	0.80	1.20	PE1	PEAT	Dark blackish brown soft peat
FF_Auger_93	1.20	1.30	CL6	CLAY, sandy	Mid grey sandy clay, ochesive (buried soil)
FF_Auger_93	1.30	1.45	CL7	CLAY, sandy and gravelly	Orangey grey sandy clay, moderate gravel toward base
FF_Auger_94	0.00	0.30	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional chalk
FF_Auger_94	0.30	0.50	CL5	CLAY, silty	Pale brown silty clay (alluvium)
FF_Auger_94	0.50	0.80	SL5	SILT, clayey	Dark reddish brown clayey silt
FF_Auger_94	0.80	1.10	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_94	1.10	1.30	CL6	CLAY, sandy	Mid grey cohesive sandy clay (buried soil)
FF_Auger_94	1.30	1.60	CL7	CLAY, sandy and gravelly	Pale yellowish brown sandy clay with common gravel toward base (NAT)
FF_Auger_95	0.00	0.30	CL5	CLAY, silty	Light bronwish grey friable silty clay, occasional chalk
FF_Auger_95	0.30	0.40	CL5	CLAY, silty	Dark grey brown compact silty clay (alluvium)
FF_Auger_95	0.40	0.80	PE8	PEAT, silty	Dark reddish brown friable peaty silt
FF_Auger_95	0.80	1.00	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_95	1.00	1.30	CL6	CLAY, sandy	Dark grey sandy clay (buried soil)
FF_Auger_95	1.30	1.50	CL6	CLAY, sandy	Yellowy orange brown sandy clay, rare gravel (NAT)
FF_Auger_96	0.00	0.40	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional chalk and brick
FF_Auger_96	0.40	0.50	CL5	CLAY, silty	Mid grey brown friable silty clay (alluvium)
FF_Auger_96	0.50	0.80	PE1	PEAT	Dark blackish brown friable peat
FF_Auger_96	0.80	1.00	SL1	SILT	Dark grey silt, flecks of 'alluvium'
FF_Auger_96	1.00	1.20	PE1	PEAT	Dark blackish brown peat
FF_Auger_96	1.20	1.40	SL1	SILT	Dark grey greasy silt, iron staining
FF_Auger_96	1.40	1.60	CL6	CLAY, sandy	Light orange grey sandy clay, occasional gravel (NAT)
FF_Auger_97	0.00	0.40	CL5	CLAY, silty	Light bronwish grey loose silty clay, occasional chalk
FF_Auger_97	0.40	0.80	PE8	PEAT, silty	Mid reddish brown friable silty peat
FF_Auger_97	0.80	1.20	PE11	PEAT, shelly	Dark blackish brown peat, friable to cohesive, shell flecks
FF_Auger_97	1.20	1.40	OR1	ORGANIC SILT/CLAY	Dark grey greasy organic silt, iron staining
FF_Auger_97	1.40	1.60	CL7	CLAY, sandy and gravelly	Blue grey sandy clay with gravel (NAT)
FF_Auger_98	0.00	0.30	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional chalk and brick
FF_Auger_98	0.30	1.00	PE8	PEAT, silty	Dark reddish brown friable silty peat
FF_Auger_98	1.00	1.40	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_98	1.40	1.50	OR1	ORGANIC SILT/CLAY	Dark grey soft organic silt
FF_Auger_98	1.50	2.00	CL6	CLAY, sandy	Yellowish grey sandy clay, occasional gravels (NAT)
FF_Auger_99	0.00	0.30	CL5	CLAY, silty	Light grey loose silty clay
FF_Auger_99	0.30	0.40	CL5	CLAY, silty	Light greyish brown friable silty clay (alluvium)
FF_Auger_99	0.40	0.70	PE1	PEAT	Dark reddish brown friable peat
FF_Auger_99	0.70	0.90	CL5	CLAY, silty	Dark grey cohesive silty clay

FF_Auger_99	0.90	1.40	PE8	PEAT, silty	Dark grey soft peaty silt, some shell fragments
FF_Auger_99	1.40	1.50	SL6	SILT, sandy	Dark blackish grey silt with rare sand, rare gravel, rare wood fragments (buried soil)
FF_Auger_99	1.50	1.60	CL6	CLAY, sandy	Yellowish grey sandy clay, occasional gravels (NAT)
FF_Auger_100	0.00	0.30	CL5	CLAY, silty	Light brownish grey friable silty clay
FF_Auger_100	0.30	0.80	PE8	PEAT, silty	Reddish brown friable peaty silt
FF_Auger_100	0.80	1.10	PE8	PEAT, silty	Dark brown peaty silt
FF_Auger_100	1.10	1.20	SL1	SILT	Dark grey greasy silt, rare sand
FF_Auger_100	1.20	1.30	CL6	CLAY, sandy	Yellowish grey compact sandy clay, occasional gravels (NAT)
FF_Auger_101	0.00	0.40	CL5	CLAY, silty	Light brownish grey loose silty clay
FF_Auger_101	0.40	0.70	PE8	PEAT, silty	Mid reddish brown friable peaty silt
FF_Auger_101	0.70	0.90	PE8	PEAT, silty	Dark brown friable peaty silt, occasional shell fragments
FF_Auger_101	0.90	1.10	PE8	PEAT, silty	Dark brown soft peaty silt
FF_Auger_101	1.10	1.30	SL6	SILT, sandy	Very dark grey greasy silt, rare sand, iron staining
FF_Auger_101	1.30	1.40	CL6	CLAY, sandy	Orangey grey brown sandy clay (NAT)
FF_Auger_102	0.00	0.40	CL5	CLAY, silty	Light brownish grey friable silty clay, cocasional chalk and brick
FF_Auger_102	0.40	0.70	PE8	PEAT, silty	Reddish brown friable peaty silt, occasional shell fragments
FF_Auger_102	0.70	1.20	CL5	CLAY, silty	Dark brown firm silty clay
FF_Auger_102	1.20	1.60	SL3	SILT, with woody remains	Very dark brown greasy silt, small wood fragments (<1cm)
FF_Auger_102	1.60	1.80	CL7	CLAY, sandy and gravelly	Grey brown sandy clay, occasional gravel (NAT)
FF_Auger_103	0.00	0.40	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional shell
FF_Auger_103	0.40	0.70	CL5	CLAY, silty	Pale brown friable silty clay
FF_Auger_103	0.70	1.00	CL5	CLAY, silty	Pale brownish grey silty clay (alluvium)
FF_Auger_103	1.00	1.20	PE1	PEAT	Dark reddish brown friable peat
FF_Auger_103	1.20	1.90	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_103	1.90	2.00	OR3	ORGANIC SILT/CLAY, woody	Very dark grey organic silt, wood fragments
FF_Auger_103	2.00	2.10	CL7	CLAY, sandy and gravelly	Blue grey clay, rare sand, occasional gravel
FF_Auger_104	0.00	0.40	CL5	CLAY, silty	Light brownish grey loose silty clay, occasional chalk
FF_Auger_104	0.40	0.90	PE9	PEAT, sandy	Mid reddish brown peaty silt
FF_Auger_104	0.90	1.60	PE1	PEAT	Dark blackish brown peat
FF_Auger_104	1.60	1.70	BR4	STIFF CLAY	Light blue grey stiff sandy clay
FF_Auger_105	0.00	0.90	SL5	SILT, clayey	White brownish grey friable clay silt
FF_Auger_105	0.90	1.10	CL5	CLAY, silty	Mid brownish grey compact silty clay
FF_Auger_105	1.10	1.30	BR4	STIFF CLAY	Light bliue grey stiff clay
FF_Auger_105	1.30	1.70	OR1	ORGANIC SILT/CLAY	Light olive grey greasy organic silt, small shell flecks
FF_Auger_105	1.70	2.00	PE8	PEAT, silty	Dark black grey greasy peaty silt, tiny wood and shell
FF_Auger_105	2.00	2.40	PE3	PEAT, woody	Dark black brown peat, wood horizon
FF_Auger_105	2.40	2.70	PE3	PEAT, woody	Black brown reed peat
FF_Auger_105	2.70	3.00	OR4	ORGANIC SILT/CLAY, sandy	Dark black brown sandy organic silt
FF_Auger_105	3.00	3.10	SA1	SAND	Pale yellow grey sand (NAT)
FF_Auger_107	0.00	0.60	CL7	CLAY, sandy and gravelly	Mid brown loose sandy silty clay with abundant gravel
FF_Auger_107	0.60	0.80	CL5	CLAY, silty	Light brownish grey friable silty clay
FF_Auger_107	0.80	1.10	CL5	CLAY, silty	Mid grey friable silty clay
FF_Auger_107	1.10	1.50	CL5	CLAY, silty	Light blue grey firm silty clay
FF_Auger_107	1.50	1.90	OR1	ORGANIC SILT/CLAY	Light yellowish grey greasy organic silt
FF_Auger_107	1.90	2.40	PE8	PEAT, silty	Dark grey soft peaty silt
FF_Auger_107	2.40	2.80	OR1	ORGANIC SILT/CLAY	Dark brownish grey soft organic silt
FF_Auger_107	2.80	3.60	OR3	ORGANIC SILT/CLAY, woody	Dark olive brown organic silt, common waterlogged wood fragments (reed peat?)
FF_Auger_107	3.60	3.80	NONE	No recovery	VOID
FF_Auger_107	3.80	3.90	CL6	CLAY, sandy	Light yellowush grey snady clay, sand incr towards base, compact gravels at base (NAT)
FF_Auger_108	0.00	0.30	CL5	CLAY, silty	Reddish brown friable sandy silty clay, some chalk
FF_Auger_108	0.30	0.70	CL5	CLAY, silty	Dark brown compact silty clay (alluvium)
FF_Auger_108	0.70	1.30	PE8	PEAT, silty	Very dark brown greasy silty peat
FF_Auger_108	1.30	2.00	PE1	PEAT	Dark blackish brown peat
FF_Auger_108	2.00	2.10	OR1	ORGANIC SILT/CLAY	Very dark brownish grey soft organic silt (reed peat)
FF_Auger_108	2.10	2.20	CL1	CLAY	Blue grey clay (NAT)
FF_Auger_109	0.00	0.30	CL5	CLAY, silty	Light brownish grey loose silty clay
FF_Auger_109	0.30	0.70	CL5	CLAY, silty	Pale brown grey compact silty clay (alluvium)
FF_Auger_109	0.70	0.90	PE8	PEAT, silty	Dark grey brown soft peaty silt
FF_Auger_109	0.90	1.40	PE1	PEAT	Dark blackish brown soft peat
FF_Auger_109	1.40	1.90	OR3	ORGANIC SILT/CLAY, woody	Very dark blackish grey organic silt, very wet with waterlogged wood fragments
FF_Auger_109	1.90	2.00	CL7	CLAY, sandy and gravelly	Mid blue grey firm sandy clay, occasional gravel (NAT)
FF_Auger_110	0.00	0.20	GR1	GRAVEL	Light greyish brown friable moderate gravels, brick, charcoal
FF_Auger_110	0.20	0.40	CL5	CLAY, silty	Light greyish brown compact silty clay, moderate gravels and brick
FF_Auger_110	0.40	0.70	PE8	PEAT, silty	Reddish brown friable peaty silt
FF_Auger_110	0.70	0.90	PE8	PEAT, silty	Dark reddish brown peaty silt, rooting
FF_Auger_110	0.90	1.40	SL1	SILT	Dark grey greasy silt
FF_Auger_110	1.40	1.70	CL8	CLAY, gravelly	Blue grey clay, occasional gravel (NAT)
FF_Auger_111	0.00	0.40	CL5	CLAY, silty	Light greyish brown friable compact silty clay, moderate gravel, occasional chalk
FF_Auger_111	0.40	0.60	SL5	SILT, clayey	Mid reddish brown friable clayey silt
FF_Auger_111	0.60	0.90	SL5	SILT, clayey	Dark brown friable clayey silt, moderate-occasional gravel
FF_Auger_111	0.90	1.10	SA5	SAND, silty	Light grey fine soft silty sand, occasional-rare gravel (buried soil?) (NAT?)

FF_Auger_111	1.10	1.40	CL6	CLAY, sandy	Light orange brown compact sandy clay, moderate gravel (NAT?)
FF_Auger_111	1.40	1.50	SA1	SAND	Dark orange sterile sand (NAT?)
FF_Auger_111	1.50	1.60	SA1	SAND	Bright orange firm sand (NAT?)
FF_Auger_112	0.00	0.30	CL5	CLAY, silty	Grey brown loose silty clay, occasional small stones and small brick
FF_Auger_112	0.30	0.40	CL5	CLAY, silty	Grey brown compact silty clay, occasional small gravel
FF_Auger_112	0.40	0.50	SA7	SAND, gravelly	Light orange grey soft sand, occasional gravel
FF_Auger_113	0.00	0.20	CL5	CLAY, silty	Grey brown loose silty clay, moderate subangular stones and chalk
FF_Auger_113	0.20	0.40	CL5	CLAY, silty	Grey brown compact silty clay, orange sand mottling
FF_Auger_113	0.40	0.50	SA5	SAND, silty	Light brownish orange silty sand, small gravel
FF_Auger_114	0.00	0.40	CL5	CLAY, silty	Dark brownish grey firm silty clay, moderate charcoal, chalk, clinker, mortar, crushed brick, gravel
FF_Auger_114	0.40	1.00	CL5	CLAY, silty	Mid brownish grey compact silty clay, moderate crushed shell, frequent dark orange mineralised mottle (iron pan?)
FF_Auger_114	1.00	1.30	CL5	CLAY, silty	Friable light brownish grey silty clay, orange mottling
FF_Auger_114	1.30	1.50	SL5	SILT, clayey	Light brown soft clayey silt
FF_Auger_114	1.50	1.60	PE8	PEAT, silty	Dark grey soft silty peat, moderate-occasional desiccated wood fragments
FF_Auger_114	1.60	1.80	CL5	CLAY, silty	Mid brownish grey soft silty clay
FF_Auger_114	1.80	2.00	CL7	CLAY, sandy and gravelly	Orange grey soft sandy clay, moderate small gravel
FF_Auger_114	2.00	2.30	CL7	CLAY, sandy and gravelly	light orange grey soft sandy clay, frequent gravel
FF_Auger_115	0.00	0.40	SL5	SILT, clayey	Brownish grey friable clayey silt, moderate-occasional chalk, clinker, glass
FF_Auger_115	0.40	0.60	CL5	CLAY, silty	Mid brownish grey compact silty clay, frequent dark orange mineralised mottle (ironpan?)
FF_Auger_115	0.60	1.00	NONE	No recovery	VOID (animal burrow?)
FF_Auger_115	1.00	1.20	SL5	SILT, clayey	Orange brown friable clayey silt
FF_Auger_115	1.20	1.30	PE8	PEAT, silty	Dark grey soft silty peat, occasional desiccated wood fragments
FF_Auger_115	1.30	1.50	CL6	CLAY, sandy	Light orange grey soft sandy clay, moderate gravel
FF_Auger_115	1.50	1.60	CL6	CLAY, sandy	Orange grey soft sandy clay, moderate small gravel
FF_Auger_116	0.00	0.40	SL5	SILT, clayey	Light greyish brown friable clayey silt, occasional chalk flecks, occasional-rare orange mottle (iron pan)
FF_Auger_116	0.40	0.60	SL1	SILT	Dark orange brown friable silt (desiccated peat)
FF_Auger_116	0.60	0.80	CL5	CLAY, silty	Dark brownish grey silty clay, active small roots/shoots
FF_Auger_116	0.80	1.00	CL5	CLAY, silty	Orange brown friable silty clay, small mineralised iron pan
FF_Auger_116	1.00	1.20	SL5	SILT, clayey	Dark brownish grey soft clayey silt
FF_Auger_116	1.20	1.40	PE8	PEAT, silty	Dark grey soft silty peat
FF_Auger_116	1.40	1.70	CL5	CLAY, silty	Grey soft silty clay, occasional orange brown sandy patches, occasional gravel
FF_Auger_116	1.70	1.80	CL7	CLAY, sandy and gravelly	Light grey and mid orange soft sandy clay, moderate gravel
FF_Auger_117	0.00	0.40	CL5	CLAY, silty	Light greyish brown friable silty clay, occasional-moderate plastci and chalk fragments
FF_Auger_117	0.40	0.80	CL5	CLAY, silty	Mid grey compact silty clay, frequent orange iron pan mineralisation
FF_Auger_117	0.80	1.00	SL5	SILT, clayey	Dark grey soft clayey silt, occasional orange iron pan
FF_Auger_117	1.00	1.20	PE8	PEAT, silty	Very dark grey soft silty peat, occasional-rare very small shell fragments, rare desiccated wood fragments
FF_Auger_117	1.20	1.50	CL6	CLAY, sandy	Light grey soft sandy clay, occasional sandy patches and gravel
FF_Auger_117	1.50	1.60	CL6	CLAY, sandy	Light orange grey soft sandy clay, moderate gravel
FF_Auger_118	0.00	0.50	CL5	CLAY, silty	Light greyish brown friable silty clay, occasional crushed brick and chalk
FF_Auger_118	0.50	0.90	CL5	CLAY, silty	Orange brown firm silty clay, occasional subangular stones
FF_Auger_118	0.90	1.10	PE8	PEAT, silty	Dark grey soft peaty silt, occasional orange flecks and 'sparkly' mineralisation
FF_Auger_118	1.10	1.30	CL6	CLAY, sandy	Orange grey soft sandy clay, occasional degraded organic mottle
FF_Auger_118	1.30	1.40	CL6	CLAY, sandy	Light grey orange soft sandy clay, occasional small sandstone fragemnts and gravel
FF_Auger_118	1.40	1.60	SA5	SAND, silty	Light orange soft clayey sand, moderate gravel
FF_Auger_119	0.00	0.40	CL5	CLAY, silty	Grey brown friable silty clay, occasional chalk flecks
FF_Auger_119	0.40	0.70	SL1	SILT	Orange brown friable silt
FF_Auger_119	0.70	0.90	CL5	CLAY, silty	Brownish grey firm silty clay, moderate sand and grit
FF_Auger_119	0.90	1.20	PE8	PEAT, silty	Dark brown soft silty peat
FF_Auger_119	1.20	1.40	SL6	SILT, sandy	Mid grey soft sandy silt, frequent iron staining (buried soil?)
FF_Auger_119	1.40	1.60	CL7	CLAY, sandy and gravelly	Light orange grey soft sandy clay, moderate gravel
FF_Auger_120	0.00	0.40	CL5	CLAY, silty	Light greyish brown friable silty clay, occasional chalk
FF_Auger_120	0.40	1.00	CL5	CLAY, silty	Orange brown friable silty clay, occasional iron staining (oxidised peat)
FF_Auger_120	1.00	1.30	CL5	CLAY, silty	Dark brownish grey soft silty clay
FF_Auger_120	1.30	1.50	PE3	PEAT, woody	Dark grey soft peat, moderate waterlogged wood fragments
FF_Auger_120	1.50	1.60	SA4	SAND, clayey	Light grey soft clay sand, orange flecks, occasional gravel
FF_Auger_120	1.60	1.70	CL7	CLAY, sandy and gravelly	Orange grey soft sandy clay, moderate gravel
FF_Auger_121	0.00	0.40	CL5	CLAY, silty	Light grey brown friable silty clay, occasional chalk
FF_Auger_121	0.40	0.80	CL5	CLAY, silty	Brownish grey friable silty clay
FF_Auger_121	0.80	1.00	PE8	PEAT, silty	Dark grey soft silty peat, occasional shell
FF_Auger_121	1.00	1.20	PE8	PEAT, silty	Grey soft greasy silty peat, grey sandy flecks, occasional waterlogged wood
FF_Auger_121	1.20	1.40	PE8	PEAT, silty	Dark grey soft silty peat, iron staining, moderate wood fragments
FF_Auger_121	1.40	1.50	CL7	CLAY, sandy and gravelly	Orange grey soft sandy clay, occasional gravel
FF_Auger_122	0.00	0.30	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional chalk and brick
FF_Auger_122	0.30	0.50	CL5	CLAY, silty	Pale brown compact silty clay, iron staining (alluvium)
FF_Auger_122	0.50	0.70	PE8	PEAT, silty	Mid reddish brown friable peaty silt
FF_Auger_122	0.70	1.20	CL5	CLAY, silty	Light greyish brown friable silty clay
FF_Auger_122	1.20	1.40	PE8	PEAT, silty	Mid blackish brown soft silty peat

FF_Auger_122	1.40	1.50	CL6	CLAY, sandy	Light blue grey sandy clay (NAT)
FF_Auger_123	0.00	0.30	CL5	CLAY, silty	Light brownish grey friable silty clay
FF_Auger_123	0.30	0.60	SL1	SILT	Orange brown friable silt (desiccated peat)
FF_Auger_123	0.60	0.80	CL5	CLAY, silty	Dark brown firm silty clay, frequent 'sparkly' mineralisation, dark orange possible iron pan
FF_Auger_123	0.80	1.00	PE8	PEAT, silty	Dark greyish brown, moderately compact peaty silt
FF_Auger_123	1.00	1.20	PE8	PEAT, silty	Dark grey soft silty peat
FF_Auger_123	1.20	1.30	CL7	CLAY, sandy and gravelly	Light orange grey soft sandy clay, moderate gravel
FF_Auger_124	0.00	0.40	CL5	CLAY, silty	Light brown grey friable silty clay
FF_Auger_124	0.40	0.60	CL6	CLAY, sandy	Orange compact sandy clay with plastic, possible redeposited
FF_Auger_124	0.60	0.90	PE8	PEAT, silty	Dark reddish brown friable peaty silt
FF_Auger_124	0.90	1.20	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_124	1.20	1.40	OR3	ORGANIC SILT/CLAY, woody	Very dark brown oragnic silt, occasional small waterlogged wood
FF_Auger_124	1.40	1.60	OR1	ORGANIC SILT/CLAY	Dark grey greasy organic silt
FF_Auger_124	1.60	1.70	CL7	CLAY, sandy and gravelly	Light blue grey sandy clay, occasional gravel (NAT)
FF_Auger_126	0.00	0.30	CL5	CLAY, silty	Brown grey friable silty clay (mud)
FF_Auger_126	0.30	0.90	CL5	CLAY, silty	Light brown grey compact silty clay, common small gravel (possible alluvium)
FF_Auger_126	0.90	1.10	PE8	PEAT, silty	Dark reddish brown friable peaty silt
FF_Auger_126	1.10	1.50	PE1	PEAT	Dark blackish brown friable peat
FF_Auger_126	1.50	1.80	OR4	ORGANIC SILT/CLAY, sandy	Very dark grey organic silt, rare sand
FF_Auger_126	1.80	2.00	CL7	CLAY, sandy and gravelly	Light blue grey sandy clay, occasional gravel (NAT)
FF_Auger_127	0.00	0.30	CL5	CLAY, silty	Brownish grey firm-compact silty clay
FF_Auger_127	0.30	0.50	CL5	CLAY, silty	Brownish grey compact silty clay with frequent mid orange mottling (mineralisation/iron pan)
FF_Auger_127	0.50	0.90	CL5	CLAY, silty	Dark brownish grey soft-friable clay silt, occasional orange mottling
FF_Auger_127	0.90	1.20	PE8	PEAT, silty	Dark grey soft silty peat, occasional waterlogged fragmentary wood fragments
FF_Auger_127	1.20	1.50	PE8	PEAT, silty	Dark grey soft silty peat, occasional waterlogged small wood fragments
FF_Auger_127	1.50	1.70	CL6	CLAY, sandy	Light blue grey soft sandy clay
FF_Auger_128	0.00	0.10	SOIL	Topsoil	Mid grey brown topsoil
FF_Auger_128	0.10	0.50	CL5	CLAY, silty	Mid orange brown silty clay, frequent gravel
FF_Auger_128	0.50	0.90	PE8	PEAT, silty	Dark orange brown firm silty peat, small gravel
FF_Auger_128	0.90	1.50	PE8	PEAT, silty	Dark grey brown firm moist silty peat
FF_Auger_128	1.50	1.80	PE3	PEAT, woody	Dark grey brown reed peat, greasy and moist, small gravel
FF_Auger_128	1.80	2.00	CL1	CLAY	Blue grey buttery greasy clay
FF_Auger_129	0.00	0.30	CL5	CLAY, silty	Light brownish grey silty clay, common gravels
FF_Auger_129	0.30	0.70	CL5	CLAY, silty	Dark brownish grey friable silty clay, common gravels
FF_Auger_129	0.70	1.40	CL5	CLAY, silty	Light brownish grey compact silty clay, fragmentary shell (alluvium)
FF_Auger_129	1.40	2.30	PE3	PEAT, woody	Dark blackish brown peat, small wood inclusion at 2m
FF_Auger_129	2.30	2.60	OR3	ORGANIC SILT/CLAY, woody	Very dark grey organic silt, small rare wood, greasy
FF_Auger_129	2.60	2.80	SA4	SAND, clayey	Yellowish grey clayey sand (NAT)
FF_Auger_130	0.00	0.30	SOIL	Topsoil	Light brown grey friable silty topsoil
FF_Auger_130	0.30	0.60	PE8	PEAT, silty	Mid orange brown silty peat
FF_Auger_130	0.60	1.00	PE1	PEAT	Mid yellow orangey brown soft friable peat
FF_Auger_130	1.00	1.20	PE1	PEAT	Dark orange blackish brown firm peat
FF_Auger_130	1.20	1.60	OR3	ORGANIC SILT/CLAY, woody	Dark olive brown organic silt (reed peat)
FF_Auger_130	1.60	1.80	CL6	CLAY, sandy	Mid green grey mottled buttery sandy clay
FF_Auger_131	0.00	0.30	CL5	CLAY, silty	Light brown grey friable silty clay
FF_Auger_131	0.30	0.60	CL5	CLAY, silty	Mid yellow compact silty clay (alluvium)
FF_Auger_131	0.60	1.80	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_131	1.80	1.70	OR3	ORGANIC SILT/CLAY, woody	Dark olive brown organic silt (reed peat)
FF_Auger_131	1.70	1.90	CL6	CLAY, sandy	Mid green grey cohesive sandy clay
FF_Auger_132	0.00	0.40	CL5	CLAY, silty	Dark brownish grey friable silty clay
FF_Auger_132	0.40	0.70	CL5	CLAY, silty	Mid brownish grey compact silty clay (alluvium)
FF_Auger_132	0.70	1.00	PE1	PEAT	Dark blackish brown friable peat
FF_Auger_132	1.00	1.60	PE8	PEAT, silty	Dark brownish black greasy peaty silt, occasional wood fragments
FF_Auger_132	1.60	2.10	OR3	ORGANIC SILT/CLAY, woody	Mid olive brown soft organic silt (reed peat)
FF_Auger_132	2.10	2.30	BR4	STIFF CLAY	Light blue grey stiff sandy clay (NAT)
FF_Auger_133	0.00	0.30	SOIL	Topsoil	grey brown loose silty clay, infrequent chalk flecks (ploughsoil)
FF_Auger_133	0.30	0.70	CL5	CLAY, silty	Grey brown compact silty clay, frequent strong orange mineralisation, moderate intrusive rooting, occasional angular stones
FF_Auger_133	0.70	0.90	CL5	CLAY, silty	Orange brown compact silty clay, moderate small gravle inclusions
FF_Auger_133	0.90	1.20	GR1	GRAVEL	Sediment too indurated, too frequent gravels - auger failed. Traces of paler grey sand on auger tip, but unclear if natural
FF_Auger_134	0.00	0.20	CL5	CLAY, silty	Grey brown loose silty clay, subangular stones
FF_Auger_134	0.20	0.40	CL5	CLAY, silty	Dark grey brown compact silty clay, moderate crushed brick fragments, occasional gravel
FF_Auger_134	0.40	0.50	sl6	SILT, sandy	Brown orange loose sandy silt, moderate small gravel
FF_Auger_134	0.50	0.60	SA7	SAND, gravelly	Yellow brown soft sand with frequent gravel (NAT)
FF_Auger_135	0.00	0.20	SOIL	Topsoil	Grey brown loose silty clay, occasional chalk flecks, subangualr stones (ploughsoil)
FF_Auger_135	0.20	0.40	CL5	CLAY, silty	Dark grey brown compact silty clay, occasional subangular stones
FF_Auger_135	0.40	0.50	SL6	SILT, sandy	Orange brown soft sandy silt, occasional small gravels
FF_Auger_135	0.50	0.60	SA7	SAND, gravelly	Yellow brown soft sand, frequent small gravel

FF_Auger_137	0.00	0.30	CL5	CLAY, silty	Brownish grey friable silty clay, occasional chalk flecks and small subangular stones
FF_Auger_137	0.30	0.90	CL5	CLAY, silty	Bright orange brown friable silty clay, frequent bright orange mottling (possible iron pan)
FF_Auger_137	0.90	1.20	PE1	PEAT	Dark grey soft peat
FF_Auger_137	1.20	1.40	CL6	CLAY, sandy	Orange grey soft plastic sandy clay
FF_Auger_137	1.40	1.50	CL7	CLAY, sandy and gravelly	Light orangey grey soft sandy clay with moderate gravels
FF_Auger_138	0.00	0.30	CL5	CLAY, silty	Brown grey friable silty clay, occasional small charcoal and shell fragments
FF_Auger_138	0.30	0.50	CL5	CLAY, silty	Light brown loose silty clay, frequent small gravels, occasional small charcoal fragments
FF_Auger_138	0.50	0.80	CL5	CLAY, silty	Brown soft silty clay, orange mottling
FF_Auger_138	0.80	1.00	PE8	PEAT, silty	Dark brownish grey soft peaty silt, occasional dark orange mottling
FF_Auger_138	1.00	1.40	PE1	PEAT	Dark grey soft peat
FF_Auger_138	1.40	1.60	CL6	CLAY, sandy	Mid orange grey firm sandy clay, frequent gravel inclusions
FF_Auger_139	0.00	0.40	CL5	CLAY, silty	Light greyish brown friable silty clay, occasional chalk flecks
FF_Auger_139	0.40	0.70	CL5	CLAY, silty	Dark brown friable silty clay, moderate orange mineralisation/iron pan, occasional small stones
FF_Auger_139	0.70	0.90	SL5	SILT, clayey	Brownish grey moderate-firm clay silt, moderate chalk like white powdery lenses
FF_Auger_139	0.90	1.20	PE8	PEAT, silty	Dark grey brown soft silty peat
FF_Auger_139	1.20	1.30	CL6	CLAY, sandy	Mid orange grey sandy clay, moderate gravels, occasional dark orange mineral inclusions
FF_Auger_140	0.00	0.40	CL5	CLAY, silty	Light brown grey friable silty clay
FF_Auger_140	0.40	0.70	SL5	SILT, clayey	Light orange brown friable clayey silt, sparkly mineralisation
FF_Auger_140	0.70	1.10	CL5	CLAY, silty	Dark grey brown moderate-firm silty clay
FF_Auger_140	1.10	1.30	CL5	CLAY, silty	Dark grey soft silty clay, occasional dark orange mineralisation/iron pan
FF_Auger_140	1.30	1.50	CL6	CLAY, sandy	Light grey soft sandy clay, occasional sandy patches and gravel
FF_Auger_141	0.00	0.50	CL5	CLAY, silty	Brownish grey friable silty clay, occasional chalk fragments
FF_Auger_141	0.50	0.80	CL5	CLAY, silty	Dark orange grey compact silty clay, orange iron pan
FF_Auger_141	0.80	1.10	CL5	CLAY, silty	Light greyish brown firm silty clay, orange mottling
FF_Auger_141	1.10	1.20	PE1	PEAT	Dark grey soft peat
FF_Auger_141	1.20	1.40	CL6	CLAY, sandy	Mid grey soft sandy clay, occasional dark orange mottling, occasional very small shell fragments (buried soil?)
FF_Auger_141	1.40	1.60	CL6	CLAY, sandy	Very light orange grey soft clay sand (NAT)
FF_Auger_142	0.00	0.30	CL5	CLAY, silty	Mid greyish brown friable silty clay, occasional small shell fragments, rare mortar chunks
FF_Auger_142	0.30	0.50	CL5	CLAY, silty	Light brownish grey compact silty clay, orange mottled mineralisation
FF_Auger_142	0.50	0.70	NONE	No recovery	VOID
FF_Auger_142	0.70	1.00	CL5	CLAY, silty	Light brownish grey friable-firm silty clay, orange mottled mineralisation
FF_Auger_142	1.00	1.50	SL5	SILT, clayey	Mid brownish grey firm clayey silt
FF_Auger_142	1.50	1.70	CL5	CLAY, silty	Dark grey firm silty clay, occasional subangular stones
FF_Auger_142	1.70	2.00	SA4	SAND, clayey	Heavily modelled dakr orange and light brownish grey mid-soft clayey sand
FF_Auger_144	0.00	0.40	CL5	CLAY, silty	Grey brown firm silty clay, infrequent small brick fragments
FF_Auger_144	0.40	0.60	SL1	SILT	Orange brown soft silt
FF_Auger_144	0.60	1.00	PE1	PEAT	Dark grey soft peat, infrequent 'sparkly' mineralisation
FF_Auger_144	1.00	1.20	SL5	SILT, clayey	Dark grey soft clay-silt, occasional crushed shell flecks, rare subangular stones
FF_Auger_144	1.20	1.40	CL7	CLAY, sandy and gravelly	Light brown orange soft sandy clay, frequent gravel
FF_Auger_145	0.00	0.50	CL8	CLAY, gravelly	Grey brown compact clay, occasional chalk and shell, infrequent small gravel
FF_Auger_145	0.50	0.90	CL5	CLAY, silty	Dark orange brown friable silty clay, occasional orange iron pan/mineralisation
FF_Auger_145	0.90	1.40	PE8	PEAT, silty	Very dark grey soft silty peat
FF_Auger_145	1.40	1.60	CL6	CLAY, sandy	Light mid grey greasy sandy clay, possible very degraded wood remnants
FF_Auger_145	1.60	1.70	CL7	CLAY, sandy and gravelly	Orangegrey soft sandy clay, occasional gravel
FF_Auger_146	0.00	0.40	CL5	CLAY, silty	Brownish grey moderate-compact silty clay
FF_Auger_146	0.40	0.90	SA5	SAND, silty	Dark grey moderate silty sand, frequent dark orange mottling (probably iron pan)
FF_Auger_146	0.90	1.20	PE8	PEAT, silty	Dark grey soft silty peat, occasional dark brown flecks
FF_Auger_146	1.20	1.40	CL6	CLAY, sandy	Dark grey greasy soft sandy clay, moderate crushed shell
FF_Auger_146	1.40	1.60	CL6	CLAY, sandy	Blue grey soft sandy clay, infrequent waterlogged wood fragments at upper boundary
FF_Auger_146	1.60	1.80	CL7	CLAY, sandy and gravelly	Light grey soft sandy clay, occasional light orange sand mottling, frequent gravel
FF_Auger_147	0.00	0.40	CL5	CLAY, silty	Greyish brown firm-compact silty clay, occasional chalk flecks and subangular stones
FF_Auger_147	0.40	0.60	CL5	CLAY, silty	Orange brown friable silty clay, iron pan (desiccated peat)
FF_Auger_147	0.60	1.20	PE3	PEAT, woody	Very dark grey soft peat, moderate waterlogged wood fragments
FF_Auger_147	1.20	1.40	PE8	PEAT, silty	Mid-dark grey greasy soft peaty silt, moderate waterlogged wood fragments (reed peat?)
FF_Auger_147	1.40	1.60	CL7	CLAY, sandy and gravelly	Blue grey soft sandy clay, occasional gravel
FF_Auger_148	0.00	0.30	CL5	CLAY, silty	Greyish brown firm silty clay
FF_Auger_148	0.30	0.50	CL5	CLAY, silty	Dark brown friable silty clay
FF_Auger_148	0.50	1.20	PE1	PEAT	Dark grey soft peat, upper 10cm has frequent pale yellow vertical lenses (possible heavy rooting remnants)
FF_Auger_148	1.20	1.60	PE8	PEAT, silty	Dark brownish gret friable silty peat
FF_Auger_148	1.60	1.80	PE1	PEAT	Dark grey greasy peat (possibly reed peat)
FF_Auger_148	1.80	2.30	CL7	CLAY, sandy and gravelly	Blue grey sandy clay, occasional gravels
FF_Auger_149	0.00	0.40	CL5	CLAY, silty	Brownish grey compact silty clay, moderate subangular stones
FF_Auger_149	0.40	0.60	SL1	SILT	Reddish brown friable silt
FF_Auger_149	0.60	1.10	PE2	PEAT, moss	Dark grey soft peat, frequent waterlogged wood fragments

FF_Auger_149	1.10	1.50	PE3	PEAT, woody	Very dark grey soft peat, moderate waterlogged wood fragments
FF_Auger_149	1.50	1.90	PE3	PEAT, woody	Very dark grey soft greasy peat, occasional waterlogged wood fragments (reed peat?)
FF_Auger_149	1.90	2.00	CL7	CLAY, sandy and gravelly	Blue grey soft clay-sand, frequent subangular stones
FF_Auger_150	0.00	0.40	CL5	CLAY, silty	Brown compact silty clay, very frequent gravels, occasional chalk
FF_Auger_150	0.40	0.70	SL5	SILT, clayey	Orange brown friable clay silt, occasional orange mineralisation/iron pan, occasional small subangular stones
FF_Auger_150	0.70	1.40	PE3	PEAT, woody	Dark grey soft peat, occasional desiccated wood fragments
FF_Auger_150	1.40	1.60	PE8	PEAT, silty	Mid grey soft silty peat
FF_Auger_150	1.60	1.90	PE7	PEAT, clayey	Greasy soft peaty clay(?), occasional waterlogged wood (reed peat?)
FF_Auger_150	1.90	2.40	CL7	CLAY, sandy and gravelly	Blue grey soft sandy clay, occasional gravel
FF_Auger_151	0.00	0.30	SL5	SILT, clayey	Mid greyish brown friable clay silt, moderate chalk flecks, occasional gravel
FF_Auger_151	0.30	0.70	CL5	CLAY, silty	Light brown grey compact silty clay, frequent iron pan mottling, occasional shell fragments (alluvium)
FF_Auger_151	0.70	1.20	SL5	SILT, clayey	Dark orange brown friable clay silt (desiccated peat)
FF_Auger_151	1.20	1.60	PE8	PEAT, silty	Dark grey silty peat
FF_Auger_151	1.60	1.80	CL5	CLAY, silty	Mid grey soft silty clay, occasional small wood fragments (buried soil?)
FF_Auger_151	1.80	1.90	CL7	CLAY, sandy and gravelly	Blue grey soft sandy clay, occasional gravel
FF_Auger_152	0.00	0.40	CL5	CLAY, silty	Greyish brown firm silty clay, frequent gravel, occasional chalk flecks
FF_Auger_152	0.40	0.70	CL5	CLAY, silty	Mid dark brown firm silty clay, moderate crushed sandstone, occasional mid-sized brick fragments
FF_Auger_152	0.70	1.20	PE3	PEAT, woody	Dark grey soft peat, occasional small wood fragments
FF_Auger_152	1.20	1.50	PE6	PEAT, fibrous	Dark grey soft fibrous peat, frequent waterlogged wood fragments
FF_Auger_152	1.50	1.80	PE3	PEAT, woody	Mid greyish brown soft greasy peat, occasional waterlogged wood fragments, oxidising to dark grey
FF_Auger_152	1.80	2.00	CL6	CLAY, sandy	Blue grey soft sandy clay (NAT)
FF_Auger_153	0.00	0.40	SOIL	Topsoil	Dark greyish brown, friable
FF_Auger_153	0.40	0.60	SL5	SILT, clayey	Orange brown friable clay silt, moderate-occasional gravel
FF_Auger_153	0.60	0.80	NONE	No recovery	VOID
FF_Auger_153	0.80	1.00	SL5	SILT, clayey	Dark brown friable clay silt (possibly desiccated peat)
FF_Auger_153	1.00	1.20	PE3	PEAT, woody	Dark peat, wood flakes
FF_Auger_153	1.20	1.40	PE8	PEAT, silty	Dark buttery peaty silt
FF_Auger_153	1.40	1.50	NONE	No recovery	VOID
FF_Auger_153	1.50	1.60	SL1	SILT	Dark buttery silt
FF_Auger_153	1.60	1.80	CL6	CLAY, sandy	Dark blue grey clay, gritty sand
FF_Auger_154	0.00	0.40	CL5	CLAY, silty	Dark grey friable silty clay, occasional crushed brick, small chalk flecks
FF_Auger_154	0.40	0.90	CL5	CLAY, silty	Reddish brown friable silty clay
FF_Auger_154	0.90	1.00	CL5	CLAY, silty	Dark grey friable silty clay (buried soil?)
FF_Auger_155	0.00	0.40	SOIL	Topsoil	Dark grey brown friable silty clay, occasional chalk flecks, subangular stones (ploughsoil)
FF_Auger_155	0.40	0.50	SA5	SAND, silty	Orange brown loose silty sand, frequent gravel and subangular stones
FF_Auger_155	0.50	0.90	GR1	GRAVEL	NAT
FF_Auger_156	0.00	0.30	SOIL	Topsoil	Dark grey brown friable silty clay, occasional chalk and brick (ploughsoil)
FF_Auger_156	0.30	0.40	SA5	SAND, silty	Orange brown moderate-loose silty sand, frequent small gravel
FF_Auger_156	0.40	0.80	GR1	GRAVEL	NAT
FF_Auger_158	0.00	0.30	SOIL	Topsoil	Light brown grey friable silty clay, occasional chalk flecks
FF_Auger_158	0.30	0.50	CL5	CLAY, silty	Brownish grey firm, lots of mieralisation, occasional shell (alluvium)
FF_Auger_158	0.50	0.70	SL1	SILT	Mid reddish brown firm silt, orange streaks of oxidisation, greasy
FF_Auger_158	0.70	1.00	PE1	PEAT	Light red grey friable desiccated pear, occasional shell
FF_Auger_158	1.00	1.30	PE8	PEAT, silty	Dark grey friable silty peat, occasional tiny wood fragments
FF_Auger_158	1.30	1.60	CL7	CLAY, sandy and gravelly	Mid brownish grey clay, reddish brown and yellow brown streaks of oxidisation, some mineralisation, sand with occasional gravel (NAT)
FF_Auger_159	0.00	0.40	SOIL	Topsoil	Mid brown friable silty clay
FF_Auger_159	0.40	0.80	CL5	CLAY, silty	Light reddish brown compact silty clay, common small shell flecks
FF_Auger_159	0.80	1.00	PE8	PEAT, silty	Dark reddish brown friable silty peat
FF_Auger_159	1.00	1.30	SL1	SILT	Mid brown grey cohesive silt, streaks of iron oxidisation, mineralisation
FF_Auger_159	1.30	1.60	PE8	PEAT, silty	Dark reddish brown friable silty peat, rare tiny shell fragments
FF_Auger_159	1.60	1.70	OR1	ORGANIC SILT/CLAY	Dark olive grey greasy organic silt
FF_Auger_159	1.70	1.80	CL6	CLAY, sandy	Mid grey sandy clay (buried soil)
FF_Auger_159	1.80	1.90	CL7	CLAY, sandy and gravelly	Light orange brown sandy clay, occasional gravel
FF_Auger_160	0.00	0.30	SOIL	Topsoil	Mid orange brown sandy silty clay, abundant gravel
FF_Auger_160	0.30	0.60	CL6	CLAY, sandy	Mid orange brown friable sandy silty clay, abundant gravel
FF_Auger_160	0.60	0.90	SL6	SILT, sandy	Red orange brown oxidised gravelly silt (base of Fen Causeway)
FF_Auger_160	0.90	1.20	CL5	CLAY, silty	Dark bronwish grey friable silty clay
FF_Auger_160	1.20	1.60	PE8	PEAT, silty	Dark blackish brown friable peaty silt
FF_Auger_160	1.60	1.70	CL6	CLAY, sandy	Dark grey sandy clay (buried soil?)
FF_Auger_160	1.70	1.80	CL5	CLAY, silty	Light yellowish grey cohesive silty clay, few gravels at base (NAT)
FF_Auger_161	0.00	0.30	CL5	CLAY, silty	Mid brownish grey friable silty clay
FF_Auger_161	0.30	0.70	PE8	PEAT, silty	Dark reddish brown friable peaty silt
FF_Auger_161	0.70	0.90	PE8	PEAT, silty	Blackish brown friable silty peat
FF_Auger_161	0.90	1.20	SL1	SILT	Mid grey greasy silt
FF_Auger_161	1.20	1.30	CL6	CLAY, sandy	Pale grey sandy clay (buried soil)
FF_Auger_161	1.30	1.40	CL6	CLAY, sandy	Pale orange grey sandy clay, rare gravel (NAT)
FF_Auger_162	0.00	0.40	SOIL	Topsoil	Mid grey compact silty clay

FF_Auger_162	0.40	1.00	PE1	PEAT	Dark reddish brown loose peat
FF_Auger_162	1.00	1.20	SL1	SILT	Very dark grey cohesive silt
FF_Auger_162	1.20	1.40	PE8	PEAT, silty	Dark blackish brown soft peaty silt
FF_Auger_162	1.40	1.60	OR1	ORGANIC SILT/CLAY	Very dark grey greasy organic silt
FF_Auger_162	1.60	1.70	CL6	CLAY, sandy	Mid grey sticky sandy clay (buried soil)
FF_Auger_162	1.70	1.80	CL7	CLAY, sandy and gravelly	Light blue grey sandy clay, rare gravel (NAT)
FF_Auger_163	0.00	0.40	CL5	CLAY, silty	Mid brown friable silty clay, frequent gravel and chalk
FF_Auger_163	0.40	0.60	PE8	PEAT, silty	Dark reddish brown friable silty peat, some gravel
FF_Auger_163	0.60	0.90	PE8	PEAT, silty	Dark grey friable silty peat
FF_Auger_163	0.90	1.30	CL5	CLAY, silty	Dark brownish grey cohesive silty clay, rare gravel
FF_Auger_163	1.30	1.60	SL5	SILT, clayey	Dark brownish grey greasy silty clay, rare gravel (buried soil)
FF_Auger_163	1.60	2.00	CL7	CLAY, sandy and gravelly	Blue grey cohesive waterlogged sandy clay, frequent gravel (NAT)
FF_Auger_164	0.00	0.30	SOIL	Topsoil	Brownish grey friable silty clay, occasional chalk and brick
FF_Auger_164	0.30	0.70	PE8	PEAT, silty	Reddish brown friable peaty silt, rare gravel
FF_Auger_164	0.70	1.00	PE8	PEAT, silty	Dark brownish grey friable silty peat, occasional wood fragments
FF_Auger_164	1.00	1.20	CL5	CLAY, silty	Dark brownish grey cohesive silty clay, occasional wood fragments (buried soil?)
FF_Auger_164	1.20	1.40	CL7	CLAY, sandy and gravelly	Light blue grey greasy sandy clay, frequent gravel (NAT)
FF_Auger_165	0.00	0.30	SL5	SILT, clayey	Grey brown friable clay silt
FF_Auger_165	0.30	0.60	PE8	PEAT, silty	Red brown friable peaty silt
FF_Auger_165	0.60	0.80	PE8	PEAT, silty	Brown grey peaty silt, rare roots
FF_Auger_165	0.80	1.20	PE8	PEAT, silty	Dark grey silty peat, rare gravel
FF_Auger_165	1.20	1.50	SL5	SILT, clayey	Dark grey clay silt, occasional gravel
FF_Auger_165	1.50	1.80	CL7	CLAY, sandy and gravelly	Blue grey sandy clay, frequent gravel
FF_Auger_166	0.00	0.40	SOIL	Topsoil	Brownish grey friable silty clay, occasional chalk and brick
FF_Auger_166	0.40	0.80	PE8	PEAT, silty	Reddish brown friable silty peat
FF_Auger_166	0.80	1.10	PE8	PEAT, silty	Dark grey friable silty peat, rare wood fragments
FF_Auger_166	1.10	1.30	SL5	SILT, clayey	Dark grey smooth clayey silt, occasional wood fragments
FF_Auger_166	1.30	1.70	CL8	CLAY, gravelly	Blue grey soft clay with occasional gravel (buried soil)
FF_Auger_166	1.70	1.80	CL7	CLAY, sandy and gravelly	Blue grey soft sandy clay, occasional gravel (NAT)
FF_Auger_167	0.00	0.40	CL5	CLAY, silty	Brownish grey loose silty clay
FF_Auger_167	0.40	0.80	PE8	PEAT, silty	Dark reddish brown friable silty peat
FF_Auger_167	0.80	1.00	PE8	PEAT, silty	Dark blackish grey soft silty peat
FF_Auger_167	1.00	1.20	SL1	SILT	Very dark grey greasy silt
FF_Auger_167	1.20	1.40	BR4	STIFF CLAY	Light yellowish grey stiff sandy clay, common gravel towards base
FF_Auger_168	0.00	0.40	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional chalk
FF_Auger_168	0.40	0.80	PE8	PEAT, silty	Dark reddish brown friable silty clay
FF_Auger_168	0.80	1.50	PE8	PEAT, silty	Dark blackish brown greasy silty peat, waterlogged wood at 1.20
FF_Auger_168	1.50	2.20	OR1	ORGANIC SILT/CLAY	Dark olive brown soft organic silt (reed peat)
FF_Auger_168	2.20	2.30	CL6	CLAY, sandy	Mid blue green sandy clay, occasional gravel (NAT)
FF_Auger_170	0.00	0.30	SOIL	Topsoil	Pale grey hard-friable silty clay, chalk, CBM
FF_Auger_170	0.30	0.60	CL5	CLAY, silty	Dark reddish brown friable silt clay
FF_Auger_170	0.60	1.20	OR2	ORGANIC SILT/CLAY, herbaceous	Dark olive brown organic silt, frequent fibres, occasional seeds
FF_Auger_170	1.20	1.80	OR2	ORGANIC SILT/CLAY, herbaceous	Dark greyish brown organic silt, frequent fibres, occasion seeds, wet
FF_Auger_170	1.80	2.10	OR3	ORGANIC SILT/CLAY, woody	Very dark greyish brown greasy organic peaty silt, frequent woody remains
FF_Auger_170	2.10	2.20	CL7	CLAY, sandy and gravelly	Dark grey sandy clay, subangular gravel
FF_Auger_171	0.00	0.60	CL5	CLAY, silty	Mid brown friable silty clay, moderate small chalk flecks, infrequent subangular stones
FF_Auger_171	0.60	0.90	CL6	CLAY, sandy	Dark orange brown loose clay silt
FF_Auger_171	0.90	1.20	PE8	PEAT, silty	Dark grey soft silty peat, occasional wood fragments (not waterlogged)
FF_Auger_171	1.20	1.50	PE8	PEAT, silty	Dark olive brown soft silty peat, occasional waterlogged wood fragments
FF_Auger_171	1.50	1.80	CL7	CLAY, sandy and gravelly	Blue grey soft sandy clay, occasional gravel (NAT)
FF_Auger_172	0.00	0.40	CL5	CLAY, silty	Dark brownish grey cohesive silty clay, common gravel
FF_Auger_172	0.40	0.60	PE8	PEAT, silty	Dark reddish brown friable silty peat
FF_Auger_172	0.60	0.90	PE1	PEAT	Dark blackish brown friable peat
FF_Auger_172	0.90	1.00	PE8	PEAT, silty	Mid blackish brown peaty silt
FF_Auger_172	1.00	1.60	OR3	ORGANIC SILT/CLAY, woody	Dark olive brown organic silt, waterlogged wood fragments, reed casings (reed peat)
FF_Auger_172	1.60	1.90	SL3	SILT, with woody remains	Dark grey silt, tiny wood fragments
FF_Auger_172	1.90	2.00	CL1	CLAY	Blue grey clay (NAT)
FF_Auger_173	0.00	0.30	CL5	CLAY, silty	Dark brownish grey cohesive silty clay, common gravel
FF_Auger_173	0.30	0.70	PE8	PEAT, silty	Dark reddish brown friable silty peat
FF_Auger_173	0.70	0.90	PE8	PEAT, silty	Dark blackish brown friable silty peat
FF_Auger_173	0.90	1.00	CL7	CLAY, sandy and gravelly	Light grey cohesive clay with sand, iron stained, occasional gravel (buried soil)
FF_Auger_173	1.00	1.20	CL7	CLAY, sandy and gravelly	Light orange brown compact sandy clay, abundant gravel (NAT)
FF_Auger_174	0.00	0.20	CL5	CLAY, silty	Dark brownish grey cohesive silty clay, common gravel
FF_Auger_174	0.20	0.40	CL5	CLAY, silty	Dark grey friable silty clay, occasional gravel
FF_Auger_174	0.40	0.50	CL7	CLAY, sandy and gravelly	Light orange brown compact sandy clay, abundant gravel (NAT)
FF_Auger_175	0.00	0.20	CL5	CLAY, silty	Dark brownish grey cohesive silty clay, common gravel
FF_Auger_175	0.20	0.30	CL5	CLAY, silty	Mid orange brown friable silty clay, occasional sand
FF_Auger_175	0.30	0.40	CL7	CLAY, sandy and gravelly	Light orange brown compact sandy clay, abundant gravel (NAT)
FF_Auger_177	0.00	0.20	CL5	CLAY, silty	Light brownish grey friable silty clay
FF_Auger_177	0.20	0.40	CL5	CLAY, silty	Light yellow brown friable silty clay (alluvium)
FF_Auger_177	0.40	0.80	PE8	PEAT, silty	Dark reddish brown friable silty peat

FF_Auger_177	0.80	1.20	OR1	ORGANIC SILT/CLAY	Mid dark grey soft organic silt
FF_Auger_177	1.20	1.60	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_177	1.60	1.90	CL6	CLAY, sandy	Mid dark grey cohesive sandy clay (buried soil)
FF_Auger_177	1.90	2.00	CL7	CLAY, sandy and gravelly	Grey blue soft sandy clay, rare gravel (NAT)
FF_Auger_178	0.00	0.20	CL5	CLAY, silty	Light brownish grey corky silty clay, occasional small charcoal and chalk fragments
FF_Auger_178	0.20	0.40	CL5	CLAY, silty	Light greyish brown friable silty clay
FF_Auger_178	0.40	0.70	PE8	PEAT, silty	Dark reddish brown friable silty peat
FF_Auger_178	0.70	1.20	PE8	PEAT, silty	Blackish grey soft silty peat
FF_Auger_178	1.20	1.70	OR3	ORGANIC SILT/CLAY, woody	Mud grey greasy soft organic silt, tiny waterlogged wood fragments
FF_Auger_178	1.70	1.80	CL7	CLAY, sandy and gravelly	Blue grey compact sandy clay, occasional gravel, iron staining
FF_Auger_179	0.00	0.40	CL5	CLAY, silty	Mid brownish grey friable silty clay
FF_Auger_179	0.40	0.70	PE8	PEAT, silty	Very dark reddish brown friable silty peat
FF_Auger_179	0.70	0.90	SL1	SILT	Dark brownish grey soft silt
FF_Auger_179	0.90	1.20	PE8	PEAT, silty	Dark blackish brown silty peat
FF_Auger_179	1.20	1.50	SL3	SILT, with woody remains	Mid grey greasy silt, rare watelrogged wood fragments (buried soil?)
FF_Auger_179	1.50	1.60	CL6	CLAY, sandy	Light yellowish grey soft sandy clay (NAT)
FF_Auger_180	0.00	0.30	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional chalk
FF_Auger_180	0.30	0.70	PE8	PEAT, silty	Dark reddish brown friable silty peat
FF_Auger_180	0.70	0.80	SL1	SILT	Very dark grey compact silt
FF_Auger_180	0.80	1.10	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_180	1.10	1.50	OR1	ORGANIC SILT/CLAY	Mid to dark grey organic silt
FF_Auger_180	1.50	1.60	BR4	STIFF CLAY	Yellowish grey stiff sandy clay, occasional gravel (NAT)
FF_Auger_181	0.00	0.40	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional chalk, grass
FF_Auger_181	0.40	0.70	PE8	PEAT, silty	Dark reddish brown friable silty peat
FF_Auger_181	0.70	1.20	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_181	1.20	1.60	OR1	ORGANIC SILT/CLAY	Very dark grey soft organic silt
FF_Auger_181	1.60	1.80	CL7	CLAY, sandy and gravelly	Blue grey soft sandy clay, frequent gravel (NAT)
FF_Auger_182	0.00	0.30	CL5	CLAY, silty	Light brownish grey friable silty clay
FF_Auger_182	0.30	0.70	PE8	PEAT, silty	Dark reddish brown friable silty peat
FF_Auger_182	0.70	1.10	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_182	1.10	1.30	PE8	PEAT, silty	Very dark grey soft peaty silt
FF_Auger_182	1.30	1.50	SL6	SILT, sandy	Mid grey sandy silt (buried soil?)
FF_Auger_182	1.50	1.60	CL7	CLAY, sandy and gravelly	Blue grey sandy clay, occasional gravel (NAT)
FF_Auger_183	0.00	0.30	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional chalk
FF_Auger_183	0.30	0.80	PE8	PEAT, silty	Dark reddish brown friable-loose silty peat (VOID 0.40-0.60)
FF_Auger_183	0.80	1.10	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_183	1.10	1.50	PE8	PEAT, silty	Very dark grey greasy peaty silt, wood fragments
FF_Auger_183	1.50	1.70	CL6	CLAY, sandy	Light grey cohesive sandy clay (buried soil)
FF_Auger_183	1.70	1.90	CL7	CLAY, sandy and gravelly	Yellowish grey sandy clay, frequent gravel (NAT)
FF_Auger_184	0.00	0.30	CL5	CLAY, silty	Light brownish grey friable silty clay
FF_Auger_184	0.30	0.80	PE8	PEAT, silty	Dark reddish brown friable silty peat
FF_Auger_184	0.80	1.10	PE8	PEAT, silty	Dark blacksih brown silty peat
FF_Auger_184	1.10	1.20	OR1	ORGANIC SILT/CLAY	Dark olive brown soft organic silt (reed peat)
FF_Auger_184	1.20	1.30	CL6	CLAY, sandy	Mid grey cohesive sandy clay, iron staining (buried soil)
FF_Auger_184	1.30	1.50	CL7	CLAY, sandy and gravelly	Yellow grey sandy clay, occasional gravel and roots (NAT)
FF_Auger_185	0.00	0.40	CL5	CLAY, silty	Light brownish grey friable silty clay
FF_Auger_185	0.40	0.80	PE8	PEAT, silty	Dark reddish brown loose silty peat
FF_Auger_185	0.80	1.30	PE8	PEAT, silty	Dark blackish brown friable silty peat
FF_Auger_185	1.30	1.60	OR1	ORGANIC SILT/CLAY	Dark olive brown soft organic silt (reed peat)
FF_Auger_185	1.60	1.80	SA4	SAND, clayey	Blue abrasive cohesive clayey sand, occasional gravel (NAT)
FF_Auger_186	0.00	0.40	CL5	CLAY, silty	Dark brownish grey friable silty clay
FF_Auger_186	0.40	0.60	PE8	PEAT, silty	Dark reddish brown loose silty peat
FF_Auger_186	0.60	1.20	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_186	1.20	1.30	SL6	SILT, sandy	Very dark grey cohesive sandy silt, rare gravel
FF_Auger_186	1.30	1.40	CL6	CLAY, sandy	Mid blue grey sandy clay, occasional gravel (NAT)
FF_Auger_187	0.00	0.30	CL5	CLAY, silty	Light brownish grey friable silty clay
FF_Auger_187	0.30	0.60	PE8	PEAT, silty	Mid blackish brown friable silty peat
FF_Auger_187	0.60	1.30	PE8	PEAT, silty	Dark blackish brown soft moist silty peat
FF_Auger_187	1.30	1.90	OR1	ORGANIC SILT/CLAY	Dark olive brown soft organic silt (reed peat)
FF_Auger_187	1.90	2.00	BR4	STIFF CLAY	Mid blue grey stiff sandy clay, occasional gravel (NAT)
FF_Auger_189	0.00	0.30	SOIL	Topsoil	Mid grey friable silty clay
FF_Auger_189	0.30	0.50	CL5	CLAY, silty	Dark reddish brown friable silty clay
FF_Auger_189	0.50	0.70	PE5	PEAT, humified	Black soft humified peat
FF_Auger_189	0.70	1.10	OR1	ORGANIC SILT/CLAY	Dark bronwish grey silt (organic?)
FF_Auger_189	1.10	1.30	OR3	ORGANIC SILT/CLAY, woody	Dark brown organic silt, rare small wood fragments
FF_Auger_189	1.30	1.90	OR3	ORGANIC SILT/CLAY, woody	Mid reddish brown peaty silt/silty peat, oxidising rapidly to dark olive grey, frequent wood, herbaceous plant fibres, seeds, freshwater mollusc shell (disidium, bitynia), insect remains
FF_Auger_189	1.90	2.00	SA4	SAND, clayey	Blue grey clayey sand with gravel
FF_Auger_191	0.00	0.30	CL5	CLAY, silty	Light brownish grey friable silty clay
FF_Auger_191	0.30	0.50	CL5	CLAY, silty	Mid orange brown compact silty clay, abundant shell fragments (alluvium)
FF_Auger_191	0.50	1.20	PE8	PEAT, silty	Dark reddish brown friable silty peat

FF_Auger_191	1.20	1.70	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_191	1.70	1.80	OR1	ORGANIC SILT/CLAY	Dark blackish grey organic silt
FF_Auger_191	1.80	1.90	CL7	CLAY, sandy and gravelly	Blue grey sandy clay, occasional gravel (NAT)
FF_Auger_192	0.00	0.40	CL5	CLAY, silty	Light brownish grey friable silty clay
FF_Auger_192	0.40	0.50	CL5	CLAY, silty	Pale brown compact silty clay (alluvium)
FF_Auger_192	0.50	0.80	PE8	PEAT, silty	Dark reddish brown friable silty peat
FF_Auger_192	0.80	1.20	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_192	1.20	1.30	OR1	ORGANIC SILT/CLAY	Dark olive brown organic silt (reed peat?)
FF_Auger_192	1.30	1.50	CL6	CLAY, sandy	Dark grey cohesive sandy clay, rare gravel (buried soil)
FF_Auger_192	1.50	1.60	BR4	STIFF CLAY	Blue grey stiff sandy clay, occasional gravel (NAT)
FF_Auger_196	0.00	0.60	SOIL	Topsoil	Moss over mid greyish brown firm silty clay, roots, rare CBM and glass
FF_Auger_196	0.60	1.00	CL5	CLAY, silty	Dark reddish brown friable silty clay
FF_Auger_196	1.00	1.20	OR2	ORGANIC SILT/CLAY, herbaceous	Dark reddish brown organic silt, rare orange mottling, frequent decayed plant fibres
FF_Auger_196	1.20	1.40	OR2	ORGANIC SILT/CLAY, herbaceous	Dark bronwish grey soft slightly organic silt, decayed plant remains
FF_Auger_196	1.40	1.60	SL6	SILT, sandy	Pale brownish grey soft slightly sandy silt, occasional decayed wood fragments (roots?), frequent orange mottling in root channels (buried soil)
FF_Auger_196	1.60	1.70	SL6	SILT, sandy	Mid blue grey soft slightly sandy silt, rare fine gravel, frequent decayed organic/charcoal flecks
FF_Auger_196	1.70	1.80	CL7	CLAY, sandy and gravelly	Pale grey firm sandy clay, mottled orange, occasional angular flint gravel, rare black organic flecks, brown stained root channels (NAT)
FF_Auger_197	0.00	0.50	SL5	SILT, clayey	Mid brown friable clayey silt, rare fine gravel, brick fragments
FF_Auger_197	0.50	0.60	SL5	SILT, clayey	Mid reddish brown friable clayey silt, occasional fine gravel
FF_Auger_197	0.60	0.80	SL1	SILT	Mid brownish grey soft silt, occasional clay lumps
FF_Auger_197	0.80	1.10	CL5	CLAY, silty	Mid grey soft silty clay, rare decayed wood fragments
FF_Auger_197	1.10	1.40	PE7	PEAT, clayey	Dark grey soft peaty clay, occasional gravel, frequent decayed organic matter
FF_Auger_197	1.40	1.70	CL5	CLAY, silty	Pale brownish grey silty clay, slightly sandy, frequent decayed organic matter, iron mineralisation in root channels (buried soil)
FF_Auger_197	1.70	1.80	CL6	CLAY, sandy	Soft sandy clay, root growth, gravel (banded NAT)
FF_Auger_197	1.80	2.10	CL6	CLAY, sandy	Pale blue grey soft clay, frequent iron mineralisation, frequent gravel (NAT)
FF_Auger_199	0.00	0.40	SOIL	Topsoil	Mid grey firm clayey silt, occasional gravel
FF_Auger_199	0.40	0.60	SL5	SILT, clayey	Reddish brown fine clayey silt, roots
FF_Auger_199	0.60	1.00	PE7	PEAT, clayey	Dark greyish brown soft peaty clay, roots, rare stones
FF_Auger_199	1.00	1.30	PE8	PEAT, silty	Dark grey peaty silt, frequent roots, decayed vegetative matter, rare iron mineralisation
FF_Auger_199	1.30	1.50	CL5	CLAY, silty	Mid greyish brown soft silty clay, medium gravel, very uniform (buried soil)
FF_Auger_199	1.50	1.70	CL6	CLAY, sandy	Light blue sticky clay, orange mottling, occasional gravel
FF_Auger_200	0.00	0.40	SOIL	Topsoil	Mud brown friable clay silt, brick fragments (ploughsoil)
FF_Auger_200	0.40	0.60	SL5	SILT, clayey	Reddish brown loose clay silt,occasional decayed organic matter (decayed peat)
FF_Auger_200	0.60	0.80	CL5	CLAY, silty	Dark brownish grey soft silty clay, occasional decayed wood fragments, moderate mineralised root casings
FF_Auger_200	0.80	1.00	PE8	PEAT, silty	Blackish grey soft peaty silt, frequent decayed organic matter, rare small clay lumps, rare mineralisation
FF_Auger_200	1.00	1.20	SL1	SILT	Slight grey soft cohesive silt, frequent decayed organics, rare mineralisation
FF_Auger_200	1.20	1.50	PE8	PEAT, silty	Blackish grey soft peaty silt, frequence traces of wood, mineralisation, fine moderate rooting
FF_Auger_200	1.50	1.70	CL7	CLAY, sandy and gravelly	Yellowish grey sandy clay laminated with dark grey sandy silt, frequent mineralisation, gravel
FF_Auger_200	1.70	1.90	CL7	CLAY, sandy and gravelly	Blue grey soft sandy clay, frequent gravel
FF_Auger_201	0.00	0.40	SOIL	Topsoil	Mid bronwish grey hard sandy silty topsoil, rootlets throughout
FF_Auger_201	0.40	0.70	CL5	CLAY, silty	Dark reddish brown hard silty clay, some orange mottling
FF_Auger_201	0.70	1.10	PE5	PEAT, humified	Soft clayey humified peat
FF_Auger_201	1.10	1.30	SL3	SILT, with woody remains	Dark brownish grey soft silt, decayed organic fibres, rare woody fragments
FF_Auger_201	1.30	1.50	SL6	SILT, sandy	Very dark grey soft slightly sandy silt, rare angular flint pebbles, rare decayed wood fragments
FF_Auger_201	1.50	1.60	SA5	SAND, silty	Pale grey firm silty sand, occasional yellow/orange mottling, root channels
FF_Auger_201	1.60	1.80	SA4	SAND, clayey	greyish blue firm clayey sand, fine gravel
FF_Auger_202	0.00	0.40	SOIL	Topsoil	Mid greyish brown friable silty clay, occasional fine gravel, rare CBM fragments
FF_Auger_202	0.40	0.80	CL5	CLAY, silty	Dark reddish brown hard-friable silty clay
FF_Auger_202	0.80	1.00	OR1	ORGANIC SILT/CLAY	Dark brownish grey soft organic silt
FF_Auger_202	1.00	1.20	OR4	ORGANIC SILT/CLAY, sandy	Dark brownish grey organic, slightly fine sandy, silt, occasional plant remains (seeds, twigs, organic fibres)
FF_Auger_202	1.20	1.60	CL7	CLAY, sandy and gravelly	Pale blueish grey soft-firm slightly sandy clay, occasional angular gravel
FF_Auger_203	0.00	0.50	SOIL	Topsoil	Mid brownish grey hard-friable silty clay, roots and rootlets
FF_Auger_203	0.50	0.80	OR1	ORGANIC SILT/CLAY	Dark greyish brown soft organic silt, mottled pale greyish yellow
FF_Auger_203	0.80	1.60	OR2	ORGANIC SILT/CLAY, herbaceous	Dark greyish brown soft organic silt, frequent organic sibres, occasional wood fragments, seeds, twigs, waterlogged woody root/twig c. 2cm diameter at 1.40
FF_Auger_203	1.60	1.70	CL7	CLAY, sandy and gravelly	Mid olive grey soft slightly sandy organic clay, occasional subrounded fine gravel
FF_Auger_203	1.70	2.00	CL7	CLAY, sandy and gravelly	Greyish blue soft sandy clay, occasional fine gravel and rare waterlogged woody fragments
FF_Auger_204	0.00	0.40	CL5	CLAY, silty	Brownish grey friable silty clay, rare chalk flecks
FF_Auger_204	0.40	0.70	SL5	SILT, clayey	Orange brown friable clayey silt, moderate dark orange mineralisation (iron pan?)
FF_Auger_204	0.70	1.20	PE3	PEAT, woody	Dark grey soft peat, occasional small waterlogged wood fragments
FF_Auger_204	1.20	1.40	PE8	PEAT, silty	Dark grey soft silty peat, moderate-frequent small-medium waterlogged wood fragments
FF_Auger_204	1.40	1.50	CL6	CLAY, sandy	Light brownish grey soft sandy clay, occasional small gravel

FF_Auger_204	1.50	1.70	CL7	CLAY, sandy and gravelly	Blue grey soft sandy clay, moderate gravel
FF_Auger_205	0.00	0.10	CL5	CLAY, silty	Brownish grey friable silty clay, moderate crushed brick, occasional chalk fragments
FF_Auger_205	0.10	0.40	CL5	CLAY, silty	Greyish brown friable silty clay, occasional chalk flecks
FF_Auger_205	0.40	0.70	CL5	CLAY, silty	Orange brown friable clay-silt, rare orange mineralisation
FF_Auger_205	0.70	1.30	PE3	PEAT, woody	Dark grey soft peat, occasional very small wood fragments
FF_Auger_205	1.30	1.40	CL6	CLAY, sandy	Brownish grey moderate-soft sandy clay, mottled, frequent very degraded wood fragments, oxidises
FF_Auger_205	1.40	1.80	CL7	CLAY, sandy and gravelly	Blue grey soft sandy clay, occasional dark orange sand patches, moderate small gravels
FF_Auger_206	0.00	0.50	CL5	CLAY, silty	Greyish brown friable silty clay, moderate subangular stones
FF_Auger_206	0.50	0.90	PE1	PEAT	Dark grey loose peat, occasional orange mottling
FF_Auger_206	0.90	1.30	PE3	PEAT, woody	Very dark grey soft peat, occasional waterlogged wood fragments
FF_Auger_206	1.30	1.50	PE3	PEAT, woody	Dark grey brown soft greasy peat, moderate waterlogged wood
FF_Auger_206	1.50	1.60	CL5	CLAY, silty	Dark grey brown soft silty clay, occasional waterlogged wood
FF_Auger_206	1.60	1.80	CL7	CLAY, sandy and gravelly	Blue grey soft sandy clay, occasional gravel
FF_Auger_211	0.00	0.30	SOIL	Topsoil	Light grey friable silty clay
FF_Auger_211	0.30	0.40	CL5	CLAY, silty	Mid reddish brown friable silt/clay
FF_Auger_211	0.40	0.80	PE8	PEAT, silty	Blackish brown soft peaty silt
FF_Auger_211	0.80	1.30	OR3	ORGANIC SILT/CLAY, woody	Dark olive brown slightly organic silt, rare woody twiggy fragments
FF_Auger_211	1.30	1.70	PE8	PEAT, silty	Reddish brown (oxidising rapidly to greenish grey) very organic silty peat, frequent plant fibres, seeds etc
FF_Auger_211	1.70	1.90	CL6	CLAY, sandy	Dark blue grey sandy clay
FF_Auger_211	1.90	2.00	CL7	CLAY, sandy and gravelly	Grey sandy clayey gravel
FF_Auger_216	0.00	0.40	CL5	CLAY, silty	Brownish grey friable silty clay, occasional clinker, gravel, crushed brick
FF_Auger_216	0.40	0.50	CL5	CLAY, silty	Dark reddish brown friable silty clay (desiccated peat)
FF_Auger_216	0.50	0.70	PE1	PEAT	Dark blackish brown soft peat
FF_Auger_216	0.70	1.10	CL5	CLAY, silty	Mid dark grey sticky greasy silty clay
FF_Auger_216	1.10	1.40	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_216	1.40	1.70	CL6	CLAY, sandy	Mid grey greasy sandy clay (buried soil)
FF_Auger_216	1.70	1.80	CL7	CLAY, sandy and gravelly	Blue grey, occasional gravel (NAT)
FF_Auger_217	0.00	0.20	CL5	CLAY, silty	Light brownish grey friable silty clay
FF_Auger_217	0.20	0.50	PE8	PEAT, silty	Dark reddish brown friable silty peat
FF_Auger_217	0.50	0.70	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_217	0.70	1.00	SL3	SILT, with woody remains	Mid dark grey soft silt (mud) infrequent wood fragments
FF_Auger_217	1.00	1.20	PE8	PEAT, silty	Dark blackish brown soft silty peat
FF_Auger_217	1.20	1.50	CL5	CLAY, silty	Dark grey cohesive silty clay
FF_Auger_217	1.50	1.60	CL7	CLAY, sandy and gravelly	Light yellowish grey soft sandy clay, rare gravels (NAT)
FF_Auger_218	0.00	0.30	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional clinker
FF_Auger_218	0.30	0.70	PE8	PEAT, silty	Dark reddish brown friable silty peat
FF_Auger_218	0.70	0.90	CL5	CLAY, silty	Mid dark grey soft silty clay
FF_Auger_218	0.90	1.30	PE8	PEAT, silty	Dark blackish grey soft peaty silt
FF_Auger_218	1.30	1.40	CL6	CLAY, sandy	Mid grey soft sandy clay (buried soil?)
FF_Auger_218	1.40	1.50	CL7	CLAY, sandy and gravelly	Yellowish soft sandy clay, occasional gravel (NAT)
FF_Auger_219	0.00	0.40	CL5	CLAY, silty	Light brownish grey friable silty clay, occasional gravel, subangular stones
FF_Auger_219	0.40	0.70	PE8	PEAT, silty	Dark reddish brown friable silty peat, rare gravel
FF_Auger_219	0.70	1.00	CL5	CLAY, silty	Mid dark grey soft silty clay
FF_Auger_219	1.00	1.20	PE8	PEAT, silty	Dark blackish grey soft peaty silt
FF_Auger_219	1.20	1.50	CL5	CLAY, silty	Mid bronwish grey soft silty clay, occasional clinker, iron pan
FF_Auger_219	1.50	1.60	CL6	CLAY, sandy	Light brownish grey soft sandy clay, frequent orange iron pan mottling, frequent subangular stones
FF_Auger_219	1.60	1.70	CL7	CLAY, sandy and gravelly	Blue grey soft sandy clay, rare subangular stones (NAT)
FF_Auger_220	0.00	0.20	CL5	CLAY, silty	Light brownish grey corky silty clay
FF_Auger_220	0.20	0.40	PE8	PEAT, silty	Dark reddish brown friable silty peat, desiccated?
FF_Auger_220	0.40	0.60	SL5	SILT, clayey	Dark brown grey soft clay silt, occasional gravels and orange pan
FF_Auger_220	0.60	1.10	CL5	CLAY, silty	Dark brown grey soft silty clay
FF_Auger_220	1.10	1.50	PE7	PEAT, clayey	Dark grey soft peaty clay, rare subangular stones
FF_Auger_220	1.50	1.60	CL6	CLAY, sandy	Blue grey soft sandy clay, infrequent orange mottling
FF_Auger_221	0.00	0.30	cl5	CLAY, silty	Light brownish grey friable silty clay
FF_Auger_221	0.30	0.50	PE1	PEAT	very dark reddish brown loose peat
FF_Auger_221	0.50	0.90	PE8	PEAT, silty	Very dark grey greasy peaty silt
FF_Auger_221	0.90	1.60	PE8	PEAT, silty	Very dark grey soft silty peat, small wood fragments
FF_Auger_221	1.60	1.80	CL7	CLAY, sandy and gravelly	Blue grey soft sandy clay, occasional gravel
FF_Auger_222	0.00	0.50	CL5	CLAY, silty	Mid bronwish grey friable silty clay, roots
FF_Auger_222	0.50	0.70	OR1	ORGANIC SILT/CLAY	Dark red brown hard organic silt
FF_Auger_222	0.70	1.20	OR2	ORGANIC SILT/CLAY, herbaceous	Dark brown grey soft organic silt, slightly fibrous
FF_Auger_222	1.20	1.40	OR3	ORGANIC SILT/CLAY, woody	Very dark grey soft wet organic silt, occasional waterlogged wood fragments
FF_Auger_222	1.40	1.50	CL6	CLAY, sandy	Mid grey soft sandy clay, occasional angular gravel, waterlogged woody roots
FF_Auger_222	1.50	1.70	CL6	CLAY, sandy	Mid greenish grey firm sandy clay, mottled orange, frequent angular gravel, woody roots
FF_Auger_222	1.70	1.80	CL7	CLAY, sandy and gravelly	Greenish grey soft wet sandy clay, occasional gravel
FF_Auger_223	0.00	0.50	SOIL	Topsoil	Light grey brown stiff-friable silty/clay, frequent roots, occasional flint pebbles
FF_Auger_223	0.50	0.80	OR1	ORGANIC SILT/CLAY	Dark reddish brown organic silt, very oxidised
FF_Auger_223	0.80	1.10	OR1	ORGANIC SILT/CLAY	Dark brownish grey organic peaty silt, rare fine pebbles

FF_Auger_223	1.10	1.20	OR3	ORGANIC SILT/CLAY, woody	Dark reddish brown soft very organic silt, totally decayed wood fragments
FF_Auger_223	1.20	1.40	OR4	ORGANIC SILT/CLAY, sandy	Dark grey brown slightly organic sandy silt, occasional angular flint pebbles, wood fragments, roundwoods
FF_Auger_223	1.40	1.60	CL7	CLAY, sandy and gravelly	Mid blue grey sandy clay, frequent angular flint pebbles
FF_Auger_224	0.00	0.30	CL5	CLAY, silty	Mid brownish grey stiff-friable silty clay, rootlets, CBM and chalk fragments
FF_Auger_224	0.30	0.90	OR1	ORGANIC SILT/CLAY	Dark reddish brown hard-friable slightly organic clay, rootlets
FF_Auger_224	0.90	1.20	OR3	ORGANIC SILT/CLAY, woody	Very dark grey soft organic silt, rare waterlogged wood fragments
FF_Auger_224	1.20	1.30	CL6	CLAY, sandy	Mid grey (mottled yellow) firm sandy clay, root channels throughout, occasional subrounded-subangular gravel
FF_Auger_224	1.30	1.50	CL7	CLAY, sandy and gravelly	Yellowish grey (mottled orange) firm sandy clay, occasional gravel
FF_Auger_224	1.50	1.60	CL7	CLAY, sandy and gravelly	Mid olive grey firm very sandy clay, angular flint gravel
FF_Auger_225	0.00	0.40	SOIL	Topsoil	Friable, greyish brown silty clay with occasional crushed chalk fragments, brick fragments and rare subangular stone inclusions
FF_Auger_225	0.40	0.70	PE8	PEAT, silty	Loose, friable dark brown silty desiccated peat
FF_Auger_225	0.70	1.20	PE8	PEAT, silty	Soft dark grey silty peat, rare small wood fragments
FF_Auger_225	1.20	1.60	OR3	ORGANIC SILT/CLAY, woody	Soft greeny grey silty peat (reed peat?) oxidises to dark blue grey after exposure. Frequent large waterlogged wood chunks. Desposit contains noticeable quantities of large waterlogged wood fragments. 80-100mm diameter, wood not ring porous - unidentifyable
FF_Auger_225	1.60	1.70	CL8	CLAY, gravelly	Soft, blue grey sandy clay, moderate gravels
FF_Auger_226	0.00	0.40	SOIL	Topsoil	Firm greyish brown silty clay with moderate subangular stones and chalk fragments
FF_Auger_226	0.40	0.60	SL1	SILT	Friable orange brown silt with rare small chalk flecks
FF_Auger_226	0.60	0.90	PE8	PEAT, silty	Soft dark brownish grey silty peat
FF_Auger_226	0.90	1.40	PE8	PEAT, silty	Soft dark grey silty peat with occasional subangular stones
FF_Auger_226	1.40	1.70	OR3	ORGANIC SILT/CLAY, woody	Soft olive grey silty peat with ccasional small wood fragments (reed peat?)
FF_Auger_226	1.70	1.80	SA7	SAND, gravelly	Soft yellow brown sand with frequernt small gravel inclusions
FF_Auger_227	0.00	0.60	SOIL	Topsoil	Firm to compact brown silty clay with frequent subangular stones, small chalk fragments. Upcast from nearby dyke?
FF_Auger_227	0.60	1.00	PE3	PEAT, woody	Soft dark gret peat with mod degraded wood fragments small occ iron pan
FF_Auger_227	1.00	1.40	PE3	PEAT, woody	Soft v dark grey peat with occ small waterlogged wood fragments
FF_Auger_227	1.40	1.80	OR3	ORGANIC SILT/CLAY, woody	Soft olive grey peat greasy with mod degraded wood fragments (reed peat)
FF_Auger_227	1.80	1.90	CL8	CLAY, gravelly	Soft blue grey clayye sand occ gravel

Stratigraphy

Name	Top	Bottom	Stratigraphy	Name	Top	Bottom	Stratigraphy
FF_Auger_1	0.00	1.60	Holocene	FF_Auger_109	0.00	1.90	Holocene
FF_Auger_1	1.60	2.10	Pre-Holocene	FF_Auger_109	1.90	2.40	Pre-Holocene
FF_Auger_2	0.00	1.40	Holocene	FF_Auger_110	0.00	1.40	Holocene
FF_Auger_2	1.40	1.90	Pre-Holocene	FF_Auger_110	1.40	1.90	Pre-Holocene
FF_Auger_3	0.00	1.10	Holocene	FF_Auger_111	0.00	0.90	Holocene
FF_Auger_3	1.10	1.60	Pre-Holocene	FF_Auger_111	0.90	1.40	Pre-Holocene
FF_Auger_4	0.00	1.10	Holocene	FF_Auger_112	0.00	0.30	Holocene
FF_Auger_4	1.10	1.60	Pre-Holocene	FF_Auger_112	0.30	0.80	Pre-Holocene
FF_Auger_5	0.00	0.95	Holocene	FF_Auger_113	0.00	0.20	Holocene
FF_Auger_5	0.95	1.45	Pre-Holocene	FF_Auger_113	0.20	0.70	Pre-Holocene
FF_Auger_6	0.00	1.30	Holocene	FF_Auger_114	0.00	1.80	Holocene
FF_Auger_6	1.30	1.80	Pre-Holocene	FF_Auger_114	1.80	2.30	Pre-Holocene
FF_Auger_7	0.00	0.90	Holocene	FF_Auger_115	0.00	1.30	Holocene
FF_Auger_7	0.90	1.40	Pre-Holocene	FF_Auger_115	1.30	1.80	Pre-Holocene
FF_Auger_9	0.00	1.30	Holocene	FF_Auger_116	0.00	1.40	Holocene
FF_Auger_9	1.30	1.80	Pre-Holocene	FF_Auger_116	1.40	1.90	Pre-Holocene
FF_Auger_10	0.00	1.00	Holocene	FF_Auger_117	0.00	1.20	Holocene
FF_Auger_10	1.00	1.50	Pre-Holocene	FF_Auger_117	1.20	1.70	Pre-Holocene
FF_Auger_12	0.00	1.25	Holocene	FF_Auger_118	0.00	1.10	Holocene
FF_Auger_12	1.25	1.75	Pre-Holocene	FF_Auger_118	1.10	1.60	Pre-Holocene
FF_Auger_13	0.00	1.50	Holocene	FF_Auger_119	0.00	1.20	Holocene
FF_Auger_13	1.50	2.00	Pre-Holocene	FF_Auger_119	1.20	1.70	Pre-Holocene
FF_Auger_14	0.00	1.60	Holocene	FF_Auger_120	0.00	1.50	Holocene
FF_Auger_14	1.60	2.10	Pre-Holocene	FF_Auger_120	1.50	2.00	Pre-Holocene
FF_Auger_15	0.00	2.20	Holocene	FF_Auger_121	0.00	1.40	Holocene
FF_Auger_15	2.20	2.70	Pre-Holocene	FF_Auger_121	1.40	1.90	Pre-Holocene
FF_Auger_16	0.00	1.90	Holocene	FF_Auger_122	0.00	1.40	Holocene
FF_Auger_16	1.90	2.40	Pre-Holocene	FF_Auger_122	1.40	1.90	Pre-Holocene
FF_Auger_17	0.00	1.80	Holocene	FF_Auger_123	0.00	1.20	Holocene
FF_Auger_17	1.80	2.30	Pre-Holocene	FF_Auger_123	1.20	1.70	Pre-Holocene
FF_Auger_18	0.00	1.60	Holocene	FF_Auger_124	0.00	1.60	Holocene
FF_Auger_18	1.60	2.10	Pre-Holocene	FF_Auger_124	1.60	2.10	Pre-Holocene
FF_Auger_19	0.00	1.50	Holocene	FF_Auger_126	0.00	1.80	Holocene
FF_Auger_19	1.50	2.00	Pre-Holocene	FF_Auger_126	1.80	2.30	Pre-Holocene
FF_Auger_20	0.00	1.40	Holocene	FF_Auger_127	0.00	1.50	Holocene
FF_Auger_20	1.40	1.90	Pre-Holocene	FF_Auger_127	1.50	2.00	Pre-Holocene
FF_Auger_23	0.00	1.50	Holocene	FF_Auger_128	0.00	1.80	Holocene
FF_Auger_23	1.50	2.00	Pre-Holocene	FF_Auger_128	1.80	2.30	Pre-Holocene
FF_Auger_24	0.00	1.40	Holocene	FF_Auger_129	0.00	2.60	Holocene
FF_Auger_24	1.40	1.90	Pre-Holocene	FF_Auger_129	2.60	3.10	Pre-Holocene
FF_Auger_25	0.00	1.30	Holocene	FF_Auger_130	0.00	1.60	Holocene
FF_Auger_25	1.30	1.80	Pre-Holocene	FF_Auger_130	1.60	2.10	Pre-Holocene
FF_Auger_26	0.00	1.20	Holocene	FF_Auger_131	0.00	1.70	Holocene
FF_Auger_26	1.20	1.70	Pre-Holocene	FF_Auger_131	1.70	2.20	Pre-Holocene
FF_Auger_27	0.00	1.00	Holocene	FF_Auger_132	0.00	2.10	Holocene
FF_Auger_27	1.00	1.50	Pre-Holocene	FF_Auger_132	2.10	2.60	Pre-Holocene
FF_Auger_28	0.00	1.90	Holocene	FF_Auger_133	0.00	0.70	Holocene
FF_Auger_28	1.90	2.40	Pre-Holocene	FF_Auger_133	0.70	1.20	Pre-Holocene

FF_Auger_29	0.00	1.80	Holocene	FF_Auger_134	0.00	0.40	Holocene
FF_Auger_29	1.80	2.30	Pre-Holocene	FF_Auger_134	0.40	0.90	Pre-Holocene
FF_Auger_30	0.00	1.60	Holocene	FF_Auger_135	0.00	0.40	Holocene
FF_Auger_30	1.60	2.10	Pre-Holocene	FF_Auger_135	0.40	0.90	Pre-Holocene
FF_Auger_32	0.00	1.80	Holocene	FF_Auger_137	0.00	1.20	Holocene
FF_Auger_32	1.80	2.30	Pre-Holocene	FF_Auger_137	1.20	1.70	Pre-Holocene
FF_Auger_33	0.00	1.90	Holocene	FF_Auger_138	0.00	1.40	Holocene
FF_Auger_33	1.90	2.40	Pre-Holocene	FF_Auger_138	1.40	1.90	Pre-Holocene
FF_Auger_34	0.00	1.80	Holocene	FF_Auger_139	0.00	1.20	Holocene
FF_Auger_34	1.80	2.30	Pre-Holocene	FF_Auger_139	1.20	1.70	Pre-Holocene
FF_Auger_35	0.00	1.60	Holocene	FF_Auger_140	0.00	1.30	Holocene
FF_Auger_35	1.60	2.10	Pre-Holocene	FF_Auger_140	1.30	1.80	Pre-Holocene
FF_Auger_36	0.00	1.40	Holocene	FF_Auger_141	0.00	1.40	Holocene
FF_Auger_36	1.40	1.90	Pre-Holocene	FF_Auger_141	1.40	1.90	Pre-Holocene
FF_Auger_37	0.00	1.80	Holocene	FF_Auger_142	0.00	1.50	Holocene
FF_Auger_37	1.80	2.30	Pre-Holocene	FF_Auger_142	1.50	2.00	Pre-Holocene
FF_Auger_38	0.00	2.40	Holocene	FF_Auger_144	0.00	1.00	Holocene
FF_Auger_38	2.40	2.90	Pre-Holocene	FF_Auger_144	1.00	1.50	Pre-Holocene
FF_Auger_39	0.00	2.00	Holocene	FF_Auger_145	0.00	1.60	Holocene
FF_Auger_39	2.00	2.10	Pre-Holocene	FF_Auger_145	1.60	2.10	Pre-Holocene
FF_Auger_40	0.00	1.30	Holocene	FF_Auger_146	0.00	1.60	Holocene
FF_Auger_40	1.30	1.80	Pre-Holocene	FF_Auger_146	1.60	2.10	Pre-Holocene
FF_Auger_41	0.00	1.80	Holocene	FF_Auger_147	0.00	1.40	Holocene
FF_Auger_41	1.80	2.30	Pre-Holocene	FF_Auger_147	1.40	1.90	Pre-Holocene
FF_Auger_42	0.00	1.60	Holocene	FF_Auger_148	0.00	1.80	Holocene
FF_Auger_42	1.60	2.10	Pre-Holocene	FF_Auger_148	1.80	2.30	Pre-Holocene
FF_Auger_43	0.00	1.30	Holocene	FF_Auger_149	0.00	1.90	Holocene
FF_Auger_43	1.30	1.80	Pre-Holocene	FF_Auger_149	1.90	2.40	Pre-Holocene
FF_Auger_46	0.00	1.80	Holocene	FF_Auger_150	0.00	1.90	Holocene
FF_Auger_46	1.80	2.30	Pre-Holocene	FF_Auger_150	1.90	2.40	Pre-Holocene
FF_Auger_47	0.00	1.70	Holocene	FF_Auger_151	0.00	1.80	Holocene
FF_Auger_47	1.70	2.20	Pre-Holocene	FF_Auger_151	1.80	2.30	Pre-Holocene
FF_Auger_48	0.00	1.30	Holocene	FF_Auger_152	0.00	1.80	Holocene
FF_Auger_48	1.30	1.80	Pre-Holocene	FF_Auger_152	1.80	2.30	Pre-Holocene
FF_Auger_49	0.00	1.40	Holocene	FF_Auger_153	0.00	1.60	Holocene
FF_Auger_49	1.40	1.90	Pre-Holocene	FF_Auger_153	1.60	2.10	Pre-Holocene
FF_Auger_50	0.00	1.20	Holocene	FF_Auger_154	0.00	0.90	Holocene
FF_Auger_50	1.20	1.70	Pre-Holocene	FF_Auger_154	0.90	1.40	Pre-Holocene
FF_Auger_51	0.00	1.50	Holocene	FF_Auger_155	0.00	0.40	Holocene
FF_Auger_51	1.50	2.00	Pre-Holocene	FF_Auger_155	0.40	0.90	Pre-Holocene
FF_Auger_52	0.00	1.40	Holocene	FF_Auger_156	0.00	0.30	Holocene
FF_Auger_52	1.40	1.90	Pre-Holocene	FF_Auger_156	0.30	0.80	Pre-Holocene
FF_Auger_53	0.00	1.40	Holocene	FF_Auger_158	0.00	1.30	Holocene
FF_Auger_53	1.40	1.90	Pre-Holocene	FF_Auger_158	1.30	1.80	Pre-Holocene
FF_Auger_54	0.00	1.60	Holocene	FF_Auger_159	0.00	1.70	Holocene
FF_Auger_54	1.60	2.10	Pre-Holocene	FF_Auger_159	1.70	2.20	Pre-Holocene
FF_Auger_55	0.00	1.40	Holocene	FF_Auger_160	0.00	1.60	Holocene
FF_Auger_55	1.40	1.90	Pre-Holocene	FF_Auger_160	1.60	2.10	Pre-Holocene
FF_Auger_56	0.00	1.50	Holocene	FF_Auger_161	0.00	1.20	Holocene
FF_Auger_56	1.50	2.00	Pre-Holocene	FF_Auger_161	1.20	1.70	Pre-Holocene

FF_Auger_57	0.00	1.60	Holocene	FF_Auger_162	0.00	1.50	Holocene
FF_Auger_57	1.60	2.10	Pre-Holocene	FF_Auger_162	1.50	2.00	Pre-Holocene
FF_Auger_58	0.00	1.50	Holocene	FF_Auger_163	0.00	1.30	Holocene
FF_Auger_58	1.50	2.00	Pre-Holocene	FF_Auger_163	1.30	1.80	Pre-Holocene
FF_Auger_59	0.00	1.30	Holocene	FF_Auger_164	0.00	1.00	Holocene
FF_Auger_59	1.30	1.80	Pre-Holocene	FF_Auger_164	1.00	1.50	Pre-Holocene
FF_Auger_60	0.00	2.00	Holocene	FF_Auger_165	0.00	1.20	Holocene
FF_Auger_60	2.00	2.50	Pre-Holocene	FF_Auger_165	1.20	1.70	Pre-Holocene
FF_Auger_61	0.00	2.40	Holocene	FF_Auger_166	0.00	1.30	Holocene
FF_Auger_61	2.40	2.90	Pre-Holocene	FF_Auger_166	1.30	1.80	Pre-Holocene
FF_Auger_62	0.00	1.60	Holocene	FF_Auger_167	0.00	1.20	Holocene
FF_Auger_62	1.60	2.10	Pre-Holocene	FF_Auger_167	1.20	1.70	Pre-Holocene
FF_Auger_63	0.00	1.70	Holocene	FF_Auger_168	0.00	2.20	Holocene
FF_Auger_63	1.70	2.20	Pre-Holocene	FF_Auger_168	2.20	2.70	Pre-Holocene
FF_Auger_64	0.00	1.90	Holocene	FF_Auger_170	0.00	2.10	Holocene
FF_Auger_64	1.90	2.40	Pre-Holocene	FF_Auger_170	2.10	2.20	Pre-Holocene
FF_Auger_65	0.00	2.30	Holocene	FF_Auger_171	0.00	1.50	Holocene
FF_Auger_65	2.30	2.80	Pre-Holocene	FF_Auger_171	1.50	1.80	Pre-Holocene
FF_Auger_66	0.00	0.30	Holocene	FF_Auger_172	0.00	1.90	Holocene
FF_Auger_66	0.30	0.80	Pre-Holocene	FF_Auger_172	1.90	2.40	Pre-Holocene
FF_Auger_67	0.00	0.60	Holocene	FF_Auger_173	0.00	0.90	Holocene
FF_Auger_67	0.60	1.10	Pre-Holocene	FF_Auger_173	0.90	1.40	Pre-Holocene
FF_Auger_68	0.00	0.20	Holocene	FF_Auger_174	0.00	0.40	Holocene
FF_Auger_68	0.20	0.70	Pre-Holocene	FF_Auger_174	0.40	0.90	Pre-Holocene
FF_Auger_69	0.00	1.85	Holocene	FF_Auger_175	0.00	0.30	Holocene
FF_Auger_69	1.85	2.35	Pre-Holocene	FF_Auger_175	0.30	0.80	Pre-Holocene
FF_Auger_70	0.00	1.70	Holocene	FF_Auger_177	0.00	1.60	Holocene
FF_Auger_70	1.70	2.20	Pre-Holocene	FF_Auger_177	1.60	2.10	Pre-Holocene
FF_Auger_71	0.00	1.35	Holocene	FF_Auger_178	0.00	1.70	Holocene
FF_Auger_71	1.35	1.85	Pre-Holocene	FF_Auger_178	1.70	2.20	Pre-Holocene
FF_Auger_73	0.00	1.30	Holocene	FF_Auger_179	0.00	1.50	Holocene
FF_Auger_73	1.30	1.80	Pre-Holocene	FF_Auger_179	1.50	2.00	Pre-Holocene
FF_Auger_74	0.00	1.10	Holocene	FF_Auger_180	0.00	1.50	Holocene
FF_Auger_74	1.10	1.60	Pre-Holocene	FF_Auger_180	1.50	2.00	Pre-Holocene
FF_Auger_75	0.00	1.30	Holocene	FF_Auger_181	0.00	1.60	Holocene
FF_Auger_75	1.30	1.80	Pre-Holocene	FF_Auger_181	1.60	2.10	Pre-Holocene
FF_Auger_76	0.00	1.60	Holocene	FF_Auger_182	0.00	1.30	Holocene
FF_Auger_76	1.60	2.10	Pre-Holocene	FF_Auger_182	1.30	1.80	Pre-Holocene
FF_Auger_77	0.00	1.30	Holocene	FF_Auger_183	0.00	1.50	Holocene
FF_Auger_77	1.30	1.80	Pre-Holocene	FF_Auger_183	1.50	2.00	Pre-Holocene
FF_Auger_78	0.00	1.50	Holocene	FF_Auger_184	0.00	1.20	Holocene
FF_Auger_78	1.50	2.00	Pre-Holocene	FF_Auger_184	1.20	1.70	Pre-Holocene
FF_Auger_79	0.00	1.40	Holocene	FF_Auger_185	0.00	1.60	Holocene
FF_Auger_79	1.40	1.90	Pre-Holocene	FF_Auger_185	1.60	2.10	Pre-Holocene
FF_Auger_80	0.00	1.20	Holocene	FF_Auger_186	0.00	1.20	Holocene
FF_Auger_80	1.20	1.70	Pre-Holocene	FF_Auger_186	1.20	1.70	Pre-Holocene
FF_Auger_81	0.00	1.40	Holocene	FF_Auger_187	0.00	1.90	Holocene
FF_Auger_81	1.40	1.90	Pre-Holocene	FF_Auger_187	1.90	2.40	Pre-Holocene
FF_Auger_82	0.00	1.70	Holocene	FF_Auger_189	0.00	1.90	Holocene
FF_Auger_82	1.70	2.20	Pre-Holocene	FF_Auger_189	1.90	2.00	Pre-Holocene

FF_Auger_83	0.00	1.90	Holocene	FF_Auger_191	0.00	1.80	Holocene
FF_Auger_83	1.90	2.40	Pre-Holocene	FF_Auger_191	1.80	2.30	Pre-Holocene
FF_Auger_84	0.00	3.30	Holocene	FF_Auger_192	0.00	1.30	Holocene
FF_Auger_84	3.30	3.80	Pre-Holocene	FF_Auger_192	1.30	1.80	Pre-Holocene
FF_Auger_85	0.00	2.70	Holocene	FF_Auger_196	0.00	1.40	Holocene
FF_Auger_85	2.70	3.20	Pre-Holocene	FF_Auger_196	1.40	1.90	Pre-Holocene
FF_Auger_86	0.00	2.20	Holocene	FF_Auger_197	0.00	1.40	Holocene
FF_Auger_86	2.20	2.70	Pre-Holocene	FF_Auger_197	1.40	1.90	Pre-Holocene
FF_Auger_87	0.00	1.80	Holocene	FF_Auger_199	0.00	1.30	Holocene
FF_Auger_87	1.80	2.30	Pre-Holocene	FF_Auger_199	1.30	1.80	Pre-Holocene
FF_Auger_88	0.00	0.20	Holocene	FF_Auger_200	0.00	1.50	Holocene
FF_Auger_88	0.20	0.70	Pre-Holocene	FF_Auger_200	1.50	2.00	Pre-Holocene
FF_Auger_89	0.00	0.30	Holocene	FF_Auger_201	0.00	1.50	Holocene
FF_Auger_89	0.30	0.80	Pre-Holocene	FF_Auger_201	1.50	2.00	Pre-Holocene
FF_Auger_90	0.00	0.40	Holocene	FF_Auger_202	0.00	1.20	Holocene
FF_Auger_90	0.40	0.90	Pre-Holocene	FF_Auger_202	1.20	1.70	Pre-Holocene
FF_Auger_91	0.00	1.80	Holocene	FF_Auger_203	0.00	1.60	Holocene
FF_Auger_91	1.80	2.30	Pre-Holocene	FF_Auger_203	1.60	2.10	Pre-Holocene
FF_Auger_92	0.00	1.50	Holocene	FF_Auger_204	0.00	1.40	Holocene
FF_Auger_92	1.50	2.00	Pre-Holocene	FF_Auger_204	1.40	1.90	Pre-Holocene
FF_Auger_93	0.00	1.20	Holocene	FF_Auger_205	0.00	1.40	Holocene
FF_Auger_93	1.20	1.70	Pre-Holocene	FF_Auger_205	1.40	1.90	Pre-Holocene
FF_Auger_94	0.00	1.10	Holocene	FF_Auger_206	0.00	1.60	Holocene
FF_Auger_94	1.10	1.60	Pre-Holocene	FF_Auger_206	1.60	2.10	Pre-Holocene
FF_Auger_95	0.00	1.00	Holocene	FF_Auger_211	0.00	1.70	Holocene
FF_Auger_95	1.00	1.50	Pre-Holocene	FF_Auger_211	1.70	2.00	Pre-Holocene
FF_Auger_96	0.00	1.20	Holocene	FF_Auger_216	0.00	1.40	Holocene
FF_Auger_96	1.20	1.70	Pre-Holocene	FF_Auger_216	1.40	1.90	Pre-Holocene
FF_Auger_97	0.00	1.40	Holocene	FF_Auger_217	0.00	1.20	Holocene
FF_Auger_97	1.40	1.90	Pre-Holocene	FF_Auger_217	1.20	1.70	Pre-Holocene
FF_Auger_98	0.00	1.50	Holocene	FF_Auger_218	0.00	1.30	Holocene
FF_Auger_98	1.50	2.00	Pre-Holocene	FF_Auger_218	1.30	1.80	Pre-Holocene
FF_Auger_99	0.00	1.40	Holocene	FF_Auger_219	0.00	1.20	Holocene
FF_Auger_99	1.40	1.90	Pre-Holocene	FF_Auger_219	1.20	1.70	Pre-Holocene
FF_Auger_100	0.00	1.10	Holocene	FF_Auger_220	0.00	1.50	Holocene
FF_Auger_100	1.10	1.60	Pre-Holocene	FF_Auger_220	1.50	2.00	Pre-Holocene
FF_Auger_101	0.00	1.10	Holocene	FF_Auger_221	0.00	1.60	Holocene
FF_Auger_101	1.10	1.60	Pre-Holocene	FF_Auger_221	1.60	2.10	Pre-Holocene
FF_Auger_102	0.00	1.60	Holocene	FF_Auger_222	0.00	1.40	Holocene
FF_Auger_102	1.60	2.10	Pre-Holocene	FF_Auger_222	1.40	1.90	Pre-Holocene
FF_Auger_103	0.00	2.00	Holocene	FF_Auger_223	0.00	1.20	Holocene
FF_Auger_103	2.00	2.50	Pre-Holocene	FF_Auger_223	1.20	1.70	Pre-Holocene
FF_Auger_104	0.00	1.60	Holocene	FF_Auger_224	0.00	1.20	Holocene
FF_Auger_104	1.60	2.10	Pre-Holocene	FF_Auger_224	1.20	1.70	Pre-Holocene
FF_Auger_105	0.00	3.00	Holocene	FF_Auger_225	0.00	1.60	Holocene
FF_Auger_105	3.00	3.50	Pre-Holocene	FF_Auger_225	1.60	1.70	Pre-Holocene
FF_Auger_107	0.00	3.80	Holocene	FF_Auger_226	0.00	1.70	Holocene
FF_Auger_107	3.80	4.30	Pre-Holocene	FF_Auger_226	1.70	1.80	Pre-Holocene
FF_Auger_108	0.00	2.10	Holocene	FF_Auger_227	0.00	1.80	Holocene
FF_Auger_108	2.10	2.60	Pre-Holocene	FF_Auger_227	1.80	1.90	Pre-Holocene

OASIS Summary for cambridg3-540173

OASIS ID (UID)	cambridg3-540173
Project Name	The Flag Fen Auger Survey
Sitename	The Flag Fen Auger Survey
Sitecode	EPB1746
Project Identifier(s)	EPB1746
Activity type	Auger Survey
Planning Id	
Reason For Investigation	Scheduled monument consent
Organisation Responsible for work	Cambridge Archaeological Unit
Project Dates	15-Sep-2025 - 03-Oct-2025
Location	The Flag Fen Auger Survey NGR : TL 22487 98938 LL : 52.57447634113331, -0.193969789627091 12 Fig : 522487,298938
Administrative Areas	Country : England County/Local Authority : Peterborough Local Authority District : Peterborough Parish : Peterborough, unparished area

Project Methodology	The locations of the 235 auger sample points were set out with a Leica GNSS system to an accuracy of 40mm. The OD height in metres at each point was simultaneously recorded (m OD to two decimal places). Auger Survey The proposed grid (1100m x 500m) allowed for 235 individual auger points (allowing for gaps caused by deep landscape features such as Must Dyke and the large mere as well as areas of hard standing) of which 73 fall within the Scheduled Ancient Monument. Auger holes were drilled using hand auger equipment, that can be fitted with a range of auger heads, ranging between 40mm and 100mm in diameter, depending on ground conditions. Auger holes were drilled from the present ground surface until the top of the pre-Holocene deposits (i.e. sand/gravel or bedrock) was reached. Between each drive, the auger head was withdrawn from the hole, the sediments were described according to standard geological criteria (Jones et al 1999; Tucker 2003), and then the arisings were set aside. The depth of water strike (if encountered) was noted. Upon completion, the auger holes were backfilled using the arisings. Deposit model The auger hole data was collated in a RockWorks (2025 version) database, along with additional data from open-source BGS borehole scans and other deposit data from the surrounding area. The RockWorks software was used to generate composite hole-to-hole cross sections, and the Stratigraphy Contact Picker tool was used to correlate and group units and establish a litho-stratigraphic framework for the study area. The basal stratigraphic unit included all pre-Holocene deposits (i.e. Pleistocene gravels and/or bedrock geology) – the upper surface of which was equivalent to the “pre-Flandrian land surface”. To allow for more realistic modelling of the morphology of the fen edge and surrounding hinterland, additional control points were collected (surface elevation derived from the LIDAR Digital Terrain Model) in areas where pre-Holocene strata outcrop at the surface around the fen edge. Where these were not superseded by the above, additional control points for the pre-Holocene surface were also be collated from the previous deposit model (i.e. points derived from previous archaeological and geoarchaeological interventions). A layered stratigraphic model was generated in RockWorks, using the modern ground surface (LIDAR DTM) to constrain the upper surface of the model. A variety of modelling algorithms were evaluated, including Inverse-Distance Weighting (IDW) and Kriging, although the latter performed best.

Project Results	The Flag Fen auger survey was commissioned by the Flag Fen Futures Group and funded by Peterborough Limited and the McDonald Institute's Fenlands Futures Archaeology and Heritage Research Initiative (FFAHRI). The objective of the auger survey was the creation of a definitive model of the Flag Fen Basin in the vicinity of the Flag Fen post-alignment and platform corridor; accurately mapping the pre-Holocene land surface and characterising the surviving Holocene sediment sequence. The auger survey involved a 1100m x 500m grid of 235 individual auger points spaced at 50m intervals. The survey grid encompassed the 1.1km long path of the Flag Fen post-alignment/platform, starting at Fengate (west) and ending at Northey Island (east). In the event, the survey successfully achieved a total of 200 points (issues of access, concrete culverts and high-pressure gas mains precluded the remaining 35 points). The largely soft, yet cohesive deposits that characterised this part of the Flag Fen Basin proved to be particularly amenable to the hand auger survey methodology. Beyond a dry, friable plough soil and compacted alluvial cover, the deposit sequence comprised mostly malleable peats, silty peats, organic silts and sandy clays. A buried soil horizon was recorded in the majority of the auger holes. The base deposit involved clayey gravels (March Gravels) which proved to be generally impenetrable with the hand auger. The deepest auger hole was 3.8m, the shallowest 0.2m (average depth: 1.46m). The lowest recorded point in the basin equalled -1.24m OD, whilst the highest equalled 2.87m OD, a difference of 4.11m. The resulting model established an asymmetrical, bowl-shaped profile with a clear dip towards its eastern end. In plan, the model showed the basin to have a relatively gentle gradient across its western half (the highest contour equalling 0.80m OD, the lowest 0.20m OD), beside a 250-300m wide 'valley' that bottomed out at about -1.00m OD across most of its eastern half. The relative steepness of the adjacent island edge of Northey (0.00m OD to 2.00m OD in approximately 100m) further exaggerated the basin's asymmetric profile. By way of contrast, the landfall towards Fengate was far less dramatic, although it did include another slight depression near the basin's edge. A narrow promontory, situated very close to the route of the western stretch of the post-alignment was another distinct topographical feature. Unquestionably, the two most significant outcomes of the new model are: 1) confidence in its authenticity in comparison to all previous models of the monument's setting, and, 2) the very evident interrelationship between the projected location of the Flag Fen platform and the location of the deeper and wetter valley zone situated along the eastern margins of the basin.
Keywords	
Funder	University McDonald Institute's Fenlands Futures Archaeology and Heritage Research Initiative (FFAHRI),Private or public corporation Peterborough Ltd
HER	Peterborough City Council HER - unRev - STANDARD Historic England review - unRev - STANDARD

Person Responsible for work	Matthew Brudenell
HER Identifiers	HER Event No - EPB1746
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