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Environmental Impact Assessment Scoping Report
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September 2026





Agricultural Land Classification (ALC) Report West Oxfordshire Energy Park, Lechlade

July 2026

LDA Design

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Agricultural Land Classification (ALC) Report

West Oxfordshire Energy Park,
Lechlade

Client: LDA Design

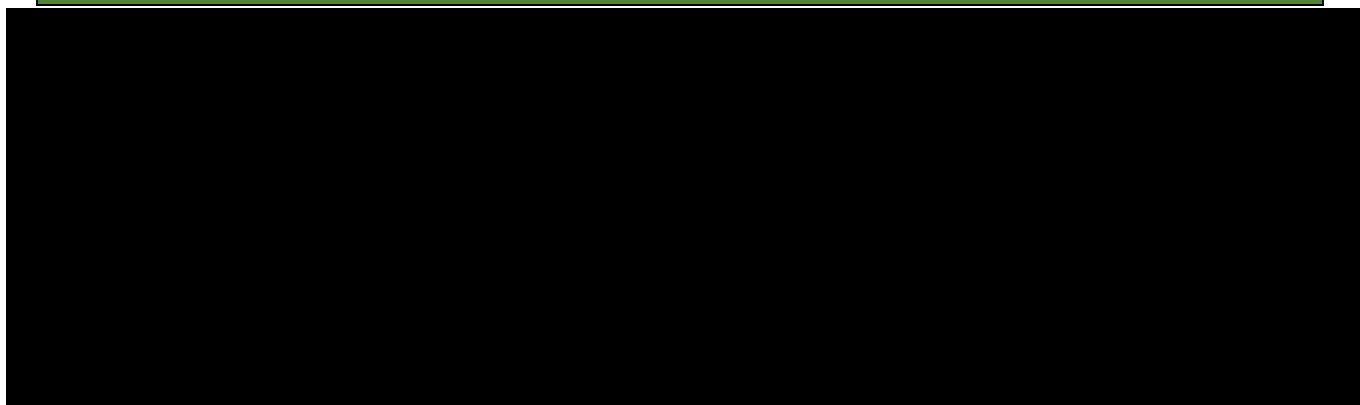
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Authors:	Checked by:	Approved by:
Sofie Stikbakke BSc (Hons)	Emelia Hewett BSc (Hons) MSc PISEP	Emily Broughton BSc (Hons) MSc MEnvSc M.I. Soil Sci.

Position: Consultant	Position: Consultant	Position: Technical Operations Manager and Principal Geo- Environmental Consultant

	Roberts Environmental Ltd., 1 Croft Stairs, Newcastle upon Tyne, NE1 2HG	0191 230 4521
		enquiries@robertsenvironmental.co.uk
		www.robertsenvironmental.co.uk



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1. Scope & Objectives

The Services	Agricultural Land Classification (ALC) Report	
The Client	LDA Design	
Appointment Details	The Services have been carried out in accordance with the Proposal dated 13 November 2025 and REL's Terms and Conditions of Engagement (together "the Agreement") as accepted by the Client on 20 April 2026.	
REL Competence	This work has been approved by a Member (M.I. Soil Sci) of the British Society of Soil Science (BSSS), The Soil Surveyor and Report Author meet the requirements of the BSSS Professional Competency Standard (PCS) for the Agricultural Land Classification, meeting the competency requirements highlighted in BSSS PCS Document 1&2.	
Site Name	West Oxfordshire Energy Park, Lechlade.	
Site Address	Approximate site location is Lechlade Road, Little Faringdon, West Oxfordshire, Oxfordshire, England GL7 3QR ("the Site").	
Proposed Development	It is understood that the site is to be developed for a photovoltaic farm with battery storage facility and associated infrastructure, engineering works, access and landscaping.	
Information Sources (Where appropriate documents are contained in appendices with data extracts provided and summarised within pertinent sections of this report. List not exhaustive)	Online Source	Natural England Provisional Agricultural Land Classification Grade (pre-1988), accessed via Magic Web Mapping Service, DEFRA, 2026.
		Natural England Agricultural Land Classification Grades Post-1988 Surveys (Polygons) Database and Mapping, accessed via Magic Web Mapping Service, DEFRA, 2026.
		British Geological Survey (BGS) Database and Mapping.
		BGS GeoIndex Web Mapping Service.
		BGS 1: 50,000 scale Provisional Series, Geological Map, England and Wales, Sheet 235 (Cirencester), 236 (Witney), 252 (Swindon) and 253 (Abingdon), available on the BGS map portal.
		Google Historic Satellite Imagery.
	Documentation Source	National Library of Scotland Historical Ordnance Survey England and Wales, 1798-1975 Maps.
		Soil Classification for Soil Survey, Monographs on Soil Survey, Butler, B E (1980), Clarendon Press, Oxford.
		Hodgson, J.M (ed.) (2022). <i>Soil Survey Field Handbook</i> . Soil Survey Technical Monograph No. 5, Cranfield.
		Meteorological Office (Met Office), 1989, Climatological Data for Agricultural Land Classification – Gridpoint Datasets of Climatic Variables, at 5km intervals, for England and Wales.
		MAFF, 1988, Agricultural Land Classification of England and Wales – Revised Guidelines and Criteria for Grading the Quality of Agricultural Land.
		Natural England, Technical Information Note TIN049 Second Edition, 2012.
		Soils and their use in South east England, 1984, Soil Survey of England and Wales Memoir and accompanying 1:250,000 scale map.
	Previous Reports	No previous reports, including Post-1988 ALC surveys, are available for the site.
	Site Works	The site works were undertaken by REL in May 2026.

2. Site Details

National Grid Ref.	For the purpose of this report, the redline boundary, referenced here as the 'Site', has been divided into ten separate areas (Area A – J), with the area locations defined in Figure 2 below. Approximate centre of Area A: 422382, 205387. Approximate centre of Area B: 422779, 203616. Approximate centre of Area C: 423843, 203344. Approximate centre of Area D: 423346, 202750. Approximate centre of Area E: 423053, 201684. Approximate centre of Area F: 422964, 200803. Approximate centre of Area G: 424115, 201478. Approximate centre of Area H: 425563, 200937. Approximate centre of Area I: 425867, 201986. Approximate centre of Area J: 424477, 200487.
Ground Level Topography	Range 90-126m AOD, average for Area A: c.104m AOD. Range 83-90m AOD, average for Area B: c.86m AOD. Range 80-84m AOD, average for Area C: c.81m AOD. Range 76-93m AOD, average for Area D: c.81m AOD. Range 76-85m AOD, average for Area E: c.79m AOD. Range 77-81m AOD, average for Area F: c.78m AOD. Range 73-79m AOD, average for Area G: c.76m AOD. Range 70-78m AOD, average for Area H: c.73m AOD. Range 71-78m AOD, average for Area I: c.74m AOD. Range 69-78m AOD, average for Area J: c.73m AOD.
Site Area	Total 877.3 hectares (ha), comprising Area A (44.7), Area B (18.2), Area C (26.5), Area D (140.8), Area E (30.3), Area F (25.5), Area G (208.0), Area H (54.6), Area I (166.6), Area J (162.1).
Location	The subject site is located adjacent east and north of the village of Little Faringdon in west Oxfordshire. The town of Faringdon lies c.6km to the south east of the site, with Royal Airforce Base Fairford located c.7km to the south west of the site, and Royal Air Force Base Brize Norton located c.4km to the north east of the site.
Current Site Description and Usage	The majority of the Site comprises agricultural fields which are currently used for arable crops (based on observations made during the site visit), with some fields in the north and centrally on Site used for livestock grazing.
Surrounding Land Uses	Surrounding land uses comprise agricultural fields around the entire site. The village of Little Faringdon is situated adjacent to the east of the Site, with Little Faringdon Woods present between Area D and E. The Royal Air Force Brize Norton base is present approximately 4km northeast of the Site.
Site History	From the earliest mapping dated 1798s, the Site is shown as agricultural land, with the Great Western Railway intersecting the Site centrally, between Area G and J. An old quarry was denoted in the northeastern corner of Area A, and a gravel pit was present in Area I in the west, as shown on mapping dated 1949-1975.
Current Grading	The majority of the Site is currently mapped as Grade 3, with areas mapped as Grade 2 present in Area B, C, D, F, G, H, I, J, K, and a section of Non-Agricultural land mapped across Area I on the provisional 1: 250,000 scale ALC map (MAFF, 1983). On the predictive 1: 250,000 scale ALC map (DEFRA 2026) the Site is mapped as Grade 3a and 3b in the north (Area A and B), with a combination of Grade 2, 3a and 3b in Area C, D, E, F, G, I and a combination of Grade 1, 2 and 3a in the south (Area H and J). See Appendix VI for key to the gradings.



Figure 1: Site Boundaries (highlighted in red)



Figure 2: Site sections

3. Methodology

Desk Study

Using published data sources, an initial desk-based study has been undertaken to provide a reconnaissance of the general site characteristics, including soil type(s) and agricultural classification.

Where available, Post-1988 ALC Surveys (undertaken at varying scales and levels of detail, ranging from 1:5,000 to 1:50,000 scale) have been consulted. Surveys included on this map provide the most detailed and up to date ALC grading following surveys between 1989 and 1999 by MAFF (now part of DEFRA).

Climatological data provided by the Met Office has been used to determine the overriding agroclimatic site limitations, using interpolated values based on the central point of the site.

Intrusive Soil Survey

The intrusive soil survey comprised at least one hand auger boring per hectare to a depth of 1.20m below ground level (where achievable) in accordance with current guidance. These were undertaken to examine the soil profiles, using standard soil survey methods.

In addition, in order to determine subsoil structure, at least one inspection pit has been excavated for each soil type encountered.

ALC Grade Assessment

All potential limiting ALC grade factors (listed in Appendix V) have been considered as part of the assessment, including those which pose no limitation on the ALC grading for the site.

Using the information collected during the site survey and the MAFF ALC guidance documents, an ALC grade was then determined for the site, or for each soil type based on the most limiting ALC grade (Appendix I). A brief overview of relevant terminology is included in Appendix V.

4. Desk Based Reconnaissance

Prior to the intrusive site investigation, a review of available desk-based information was undertaken. Pertinent information has been summarised below.

Climate Data

Using the climatological data set (Met Office, 1989), the following information (Table 1) has been calculated for the site. Calculations comprised altitude adjustment and interpolation, using the formula presented within the data set.

Table 1: Summary of Agroclimatic Data for the Site

(Area A Centre Grid Reference: 422382, 205387)		
Average Annual Rainfall (mm)	AAR	716.47
Accumulated Temperature (°C)	ATO	1402.95
Field Capacity Duration (Days)	FCD	155.34
Moisture Deficit Wheat (mm)	MDWHT	102.50
Moisture Deficit Potatoes (mm)	MDPOT	93.25
(Area B Centre Grid Reference: 422779, 203616)		
Average Annual Rainfall (mm)	AAR	703.88
Accumulated Temperature (°C)	ATO	1423.47
Field Capacity Duration (Days)	FCD	153.52
Moisture Deficit Wheat (mm)	MDWHT	103.08
Moisture Deficit Potatoes (mm)	MDPOT	94.02
(Area C Centre Grid Reference: 423843, 203344)		
Average Annual Rainfall (mm)	AAR	700.38
Accumulated Temperature (°C)	ATO	1429.17
Field Capacity Duration (Days)	FCD	153.01
Moisture Deficit Wheat (mm)	MDWHT	103.45
Moisture Deficit Potatoes (mm)	MDPOT	94.51
(Area D Centre Grid Reference: 423346, 202750)		
Average Annual Rainfall (mm)	AAR	700.38
Accumulated Temperature (°C)	ATO	1429.17
Field Capacity Duration (Days)	FCD	153.01
Moisture Deficit Wheat (mm)	MDWHT	103.45
Moisture Deficit Potatoes (mm)	MDPOT	94.51

(Area E Centre Grid Reference: 423053, 201684)		
Average Annual Rainfall (mm)	AAR	698.98
Accumulated Temperature (°C)	ATO	1431.45
Field Capacity Duration (Days)	FCD	152.81
Moisture Deficit Wheat (mm)	MDWHT	103.60
Moisture Deficit Potatoes (mm)	MDPOT	94.70
(Area F Centre Grid Reference: 422964, 200803)		
Average Annual Rainfall (mm)	AAR	698.28
Accumulated Temperature (°C)	ATO	1432.59
Field Capacity Duration (Days)	FCD	152.71
Moisture Deficit Wheat (mm)	MDWHT	103.68
Moisture Deficit Potatoes (mm)	MDPOT	94.80
(Area G Centre Grid Reference: 424115, 201478)		
Average Annual Rainfall (mm)	AAR	696.88
Accumulated Temperature (°C)	ATO	1434.87
Field Capacity Duration (Days)	FCD	152.51
Moisture Deficit Wheat (mm)	MDWHT	103.82
Moisture Deficit Potatoes (mm)	MDPOT	95.00
(Area H Centre Grid Reference: 425563, 200937)		
Average Annual Rainfall (mm)	AAR	687.25
Accumulated Temperature (°C)	ATO	1436.99
Field Capacity Duration (Days)	FCD	148.64
Moisture Deficit Wheat (mm)	MDWHT	105.49
Moisture Deficit Potatoes (mm)	MDPOT	96.97
(Area I Centre Grid Reference: 425867, 201986)		
Average Annual Rainfall (mm)	AAR	688.05
Accumulated Temperature (°C)	ATO	1435.85
Field Capacity Duration (Days)	FCD	148.75
Moisture Deficit Wheat (mm)	MDWHT	105.40
Moisture Deficit Potatoes (mm)	MDPOT	96.86
(Area J Centre Grid Reference: 424477, 200487)		
Average Annual Rainfall (mm)	AAR	694.78
Accumulated Temperature (°C)	ATO	1438.29
Field Capacity Duration (Days)	FCD	152.21
Moisture Deficit Wheat (mm)	MDWHT	104.17
Moisture Deficit Potatoes (mm)	MDPOT	95.45

The Site generally has average AAR and FCD values, with the exception of Area A, which has a slightly above average AAR when compared to the mapped values for the area north of Swindon (Soils and their Use in South West England, 1984). ATO values across the Site show a north-to-south spatial trend of increasing ATO, with Area A having an average ATO, slightly above average ATO values for Areas B-G and I, and above average ATO for Areas H and J.

Using the AAR and ATO values within Table 1, the Site is not considered to be limited by climate (Figure 1, MAFF 1988).

Topography

The site was identified to have a gradient between 0° and 5°, therefore, topography is not considered to be a limiting factor of the ALC grade of the site (Table 1, MAFF 1988).

The land surface is generally flat and even, with no noticeable features that would affect how water moves or collects on the ground. As such, microrelief is not considered to be a limiting factor of the ALC Grade.

BGS Published Data

A review of BGS information has identified that no Made Ground areas are indicated across the Site.

Superficial Deposits

Discrete areas of the Site are mapped as being free of superficial deposits. The southern areas (Areas C, D, E, G, H, I and J) are largely situated within superficial deposits of the Summertown-Radley Sand and Gravel Member, comprising sand and gravel.

Areas of superficial Head deposits, comprising clay, silt, sand and gravel, are found centrally within the Site, in Areas A, D, F and G.

Superficial Alluvium deposits, comprising clay, silt, sand and gravel, occur in the north (Area A), centrally (Areas D, G and J), and in the east (Area I).

Superficial deposits of calcareous Tufa and the Wolvercote Sand and Gravel Member, comprising sand and gravel, are present in Area D, with the Wolvercote Sand and Gravel Member also present in Area F. The Northmoor Sand and Gravel Member, comprising sand and gravel, is present in Area I, and as the Upper Facet variant in Area J.

Bedrock Geology

The bedrock geology for the majority of the site is indicated as the Oxford Clay Formation, comprising mudstone, found in the southern part of the Site (Areas C, D, E, F, G, H, I, J).

Area A is predominantly underlain by the Forest Marble Formation, comprising mudstone, with areas of Forest Marble Formation (limestone) in the north and Cornbrash Formation, comprising limestone in the south. Area B is entirely underlain by the Cornbrash formation (limestone).

Area C is largely underlain by the Kellaways Clay Member, comprising mudstone, with the Kellaways Sand Member, comprising interbedded sandstone and siltstone, also present. The Oxford Clay Formation (mudstone) occurs in the southeast of the Area, and the Cornbrash Formation (limestone) in the north.

Area D is predominantly underlain by the Oxford Clay Formation (mudstone) with areas of the Kellaways Sand Member (interbedded sandstone and siltstone) and the Kellaways Clay Member (mudstone). The Cornbrash Formation (limestone) in the north of the Area.

Areas E, F, G, H, I and J are entirely underlain by the Oxford Clay formation (mudstone).

Published Soils Data

Soils mapping for the area as shown on *Soils and their use in South East England*, 1984, Soil Survey of England and Wales Memoir and accompanying 1:250,000 scale map has been reviewed as part of this assessment. The location of the site is shown in the soils mapping extract below in Figure 3.

The soils mapping suggests the soils on site comprise the Badsey 1 Association and the Denchworth Association, with the Elmtun 1 Association present in the north of the Site, and the potential for soils of the Kelmscot Association to encroach on the south of the site. The soils are described as follows:

- Badsey 1 Association (511h) - Well drained calcareous and non-calcareous fine loamy soils over limestone gravel. Some deep fine loamy soils and fine loamy soils over gravel, and similar but shallower soils affected by groundwater.
- Denchworth Association (712b) - Slowly permeable seasonally waterlogged clayey soils with similar fine loamy over clayey soils. Some fine loamy over clayey soils with only slight seasonal waterlogging and some slowly permeable calcareous clayey soils. Landslips and associated irregular terrain locally.

- Elmtun 1 Association (343a) - Shallow well drained brashy calcareous fine loamy soils over limestone. Some similar deeper soils and some non-calcareous and calcareous clayey soils.
- Kelmscot Association (832) - Calcareous fine loamy soils over gravel variably affected by groundwater, associated with non-calcareous clayey soils over gravel. Flat land. Risk of flooding.

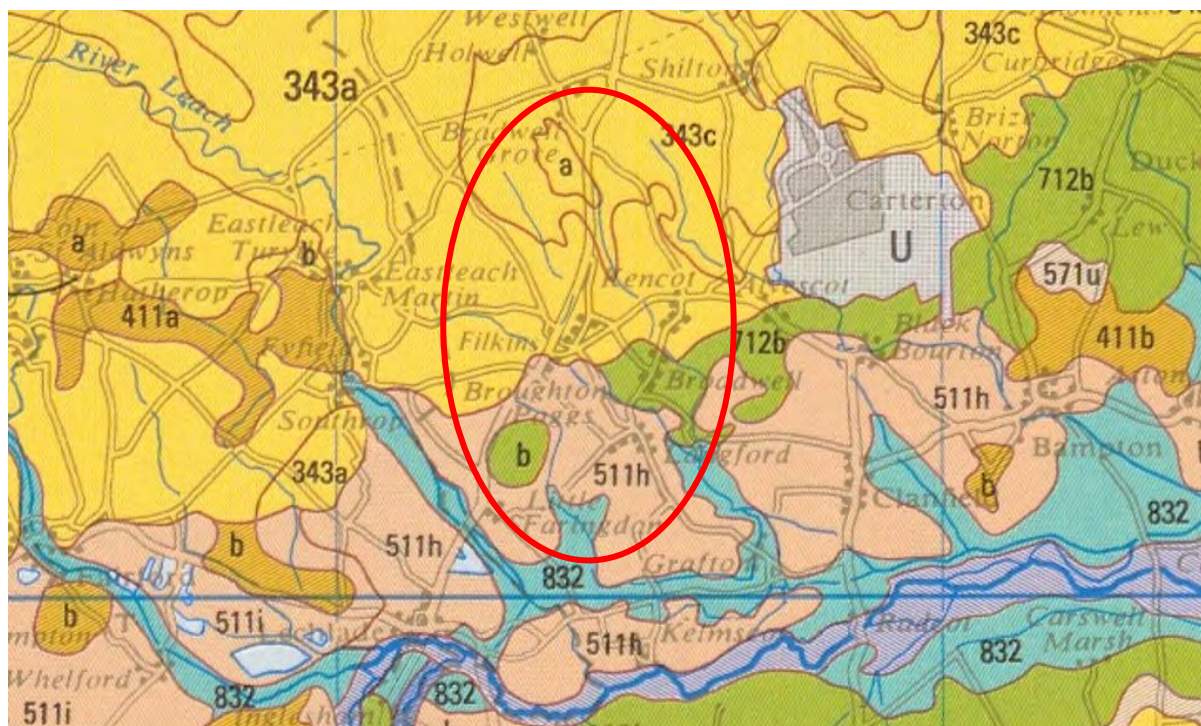


Figure 3: Soils Mapping for the Site and Surrounding Area (site location indicated in red)

Previous Reports

No previous ALC reports are available for the site or adjacent surrounding areas.

Flood Risk Assessment

Since the ALC guidance document was published in 1988, the Environment Agency (EA) has updated the way the risk of flooding is assessed. Therefore, the terms used in the MAFF 1988 guidance (Table 2) have been paired to the current EA flood risk classifications below.

Table 2: Summary of Flood Risk for the Site

EA Flood Classification	MAFF Flood Classifications
Zone 3a High Probability	Frequent
Zone 3b Functional Floodplain	Frequent
Zone 2 Medium Probability	Occasional
Zone 1 Low Probability	Rare to Very Rare

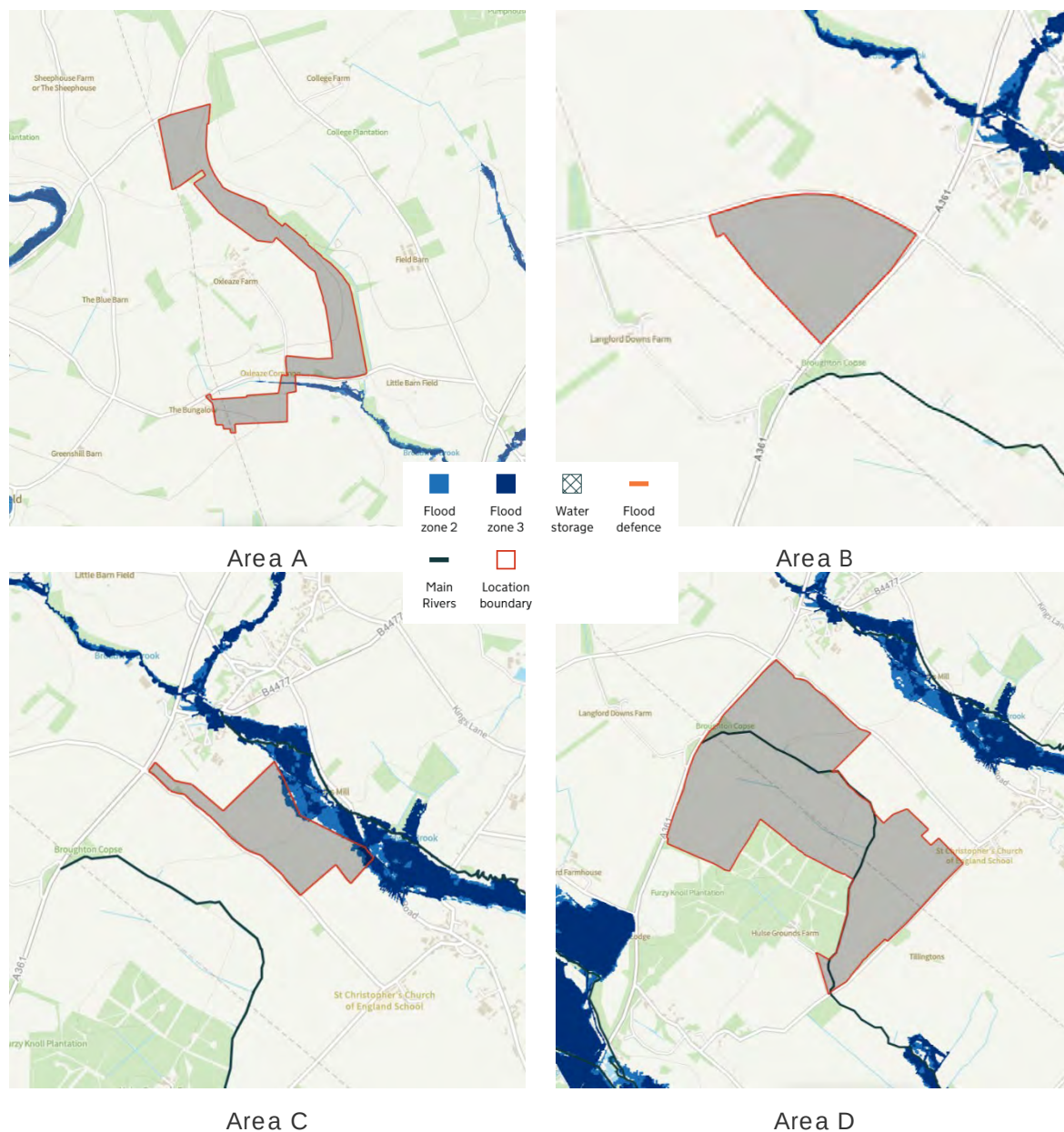


Figure 4: Flood Risk Present from Rivers and the Sea for Area A, B, C and D (site boundary defined in red)

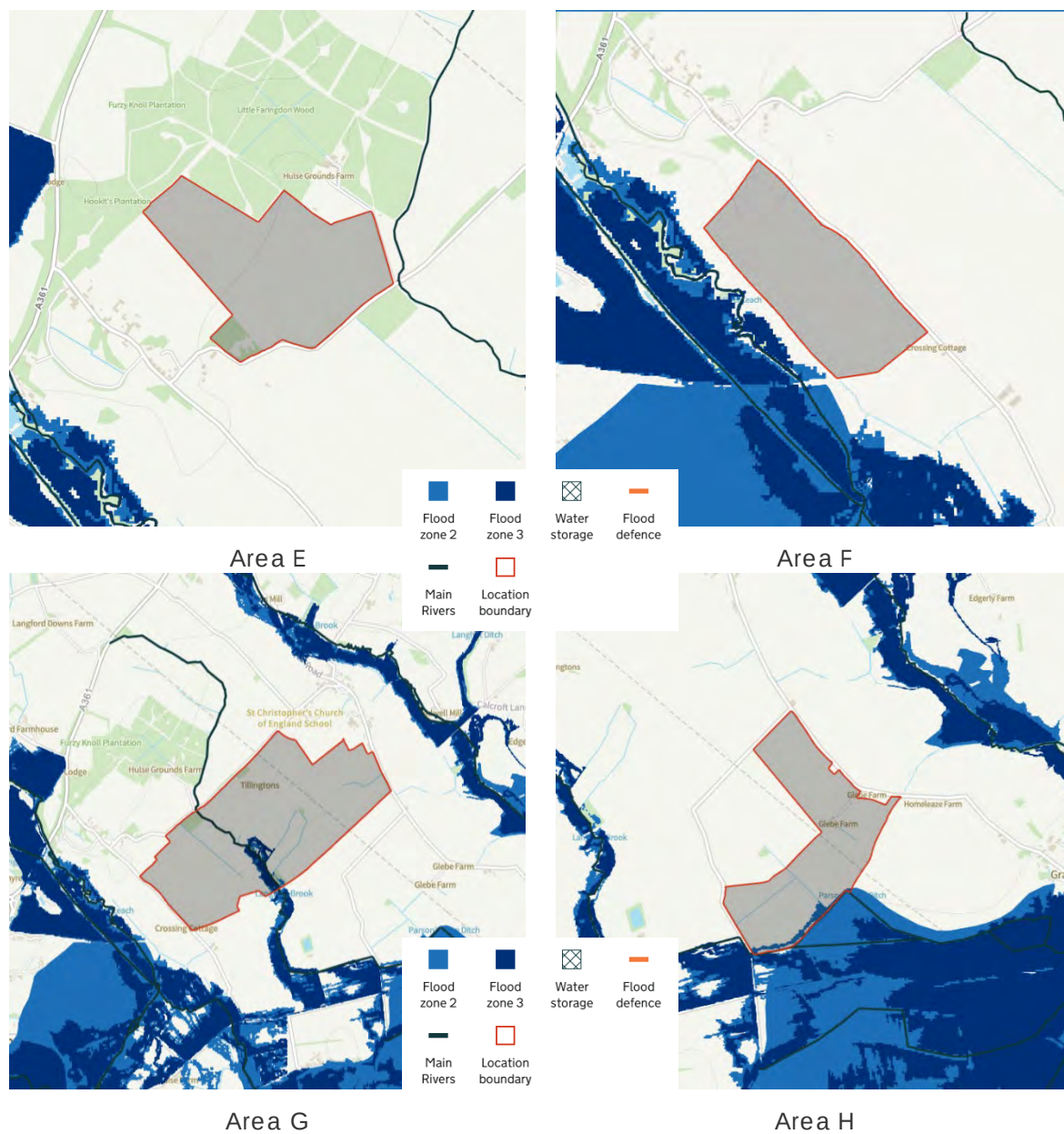


Figure 5: Flood Risk from Rivers and the Sea for Area E, F, G and H (site boundary defined in red)

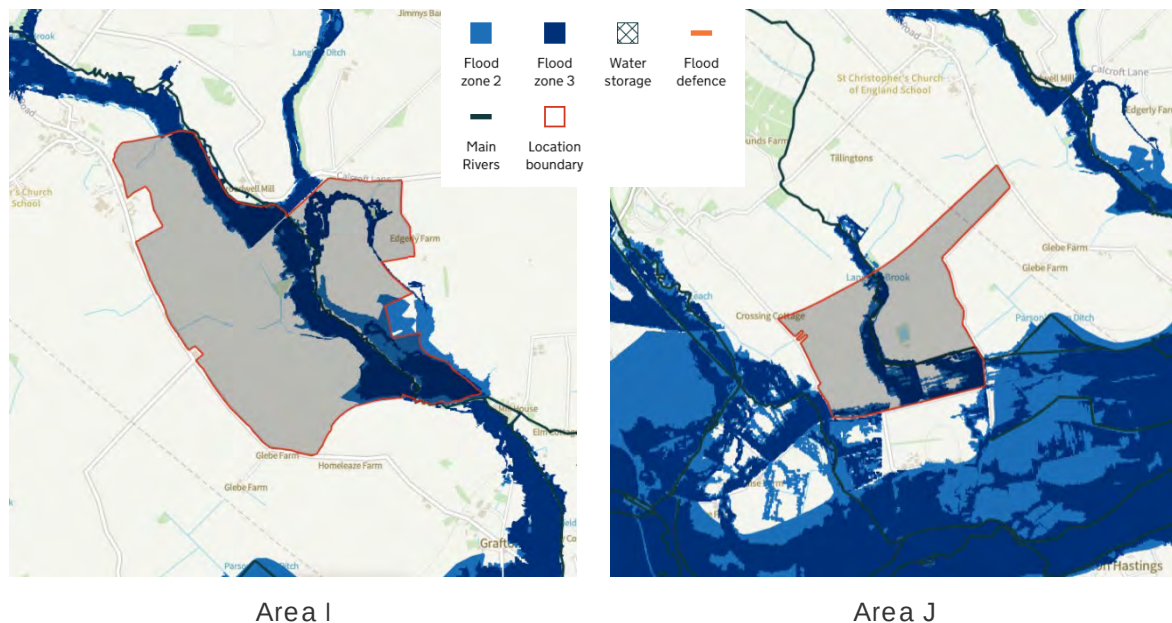


Figure 6: Flood Risk from Rivers and the Sea for Area I and J (site boundary defined in red)

The interactive EA Flood Map for Planning on the UK Government website identifies the majority of the Site to be within a Flood Zone 1 (Low Probability) area (Figures 4, 5 and 6), with Area C, G, H, I and J identified as areas within Flood Zone 3 (High Probability).

After reviewing the flood risk maps, REL considers that the majority of the site is situated within an area with a low probability of flooding from rivers and the sea. The discrete areas situated within a high probability of flooding from rivers and sea are predominantly located within non-agricultural land, and as such, the remaining areas of agricultural land within high probability flood risk areas are not considered to pose enough of a limitation to the cultivation of the Site.

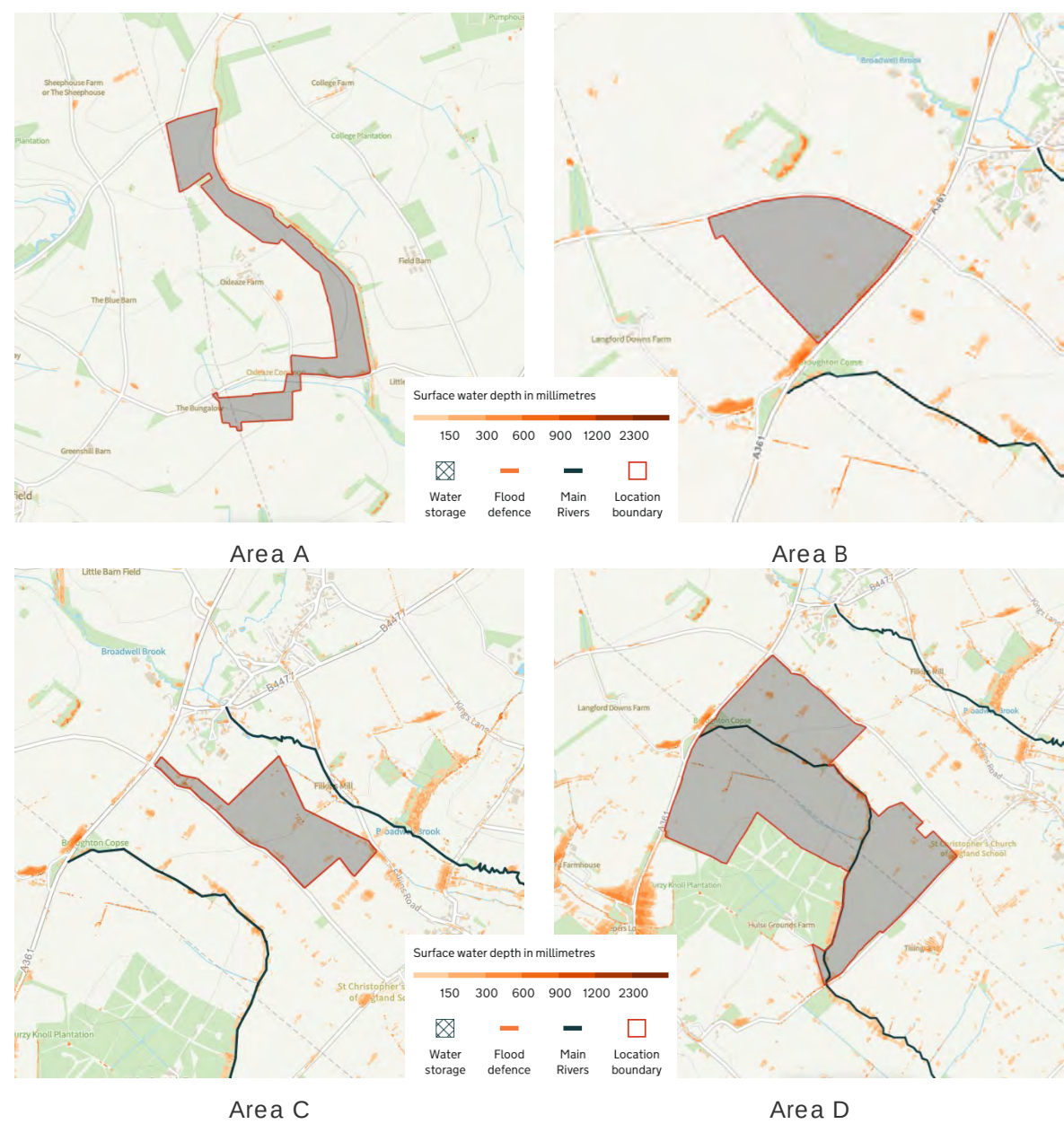


Figure 7: Flood Risk from Surface Water for Area A, B, C and D (site boundary defined in red)

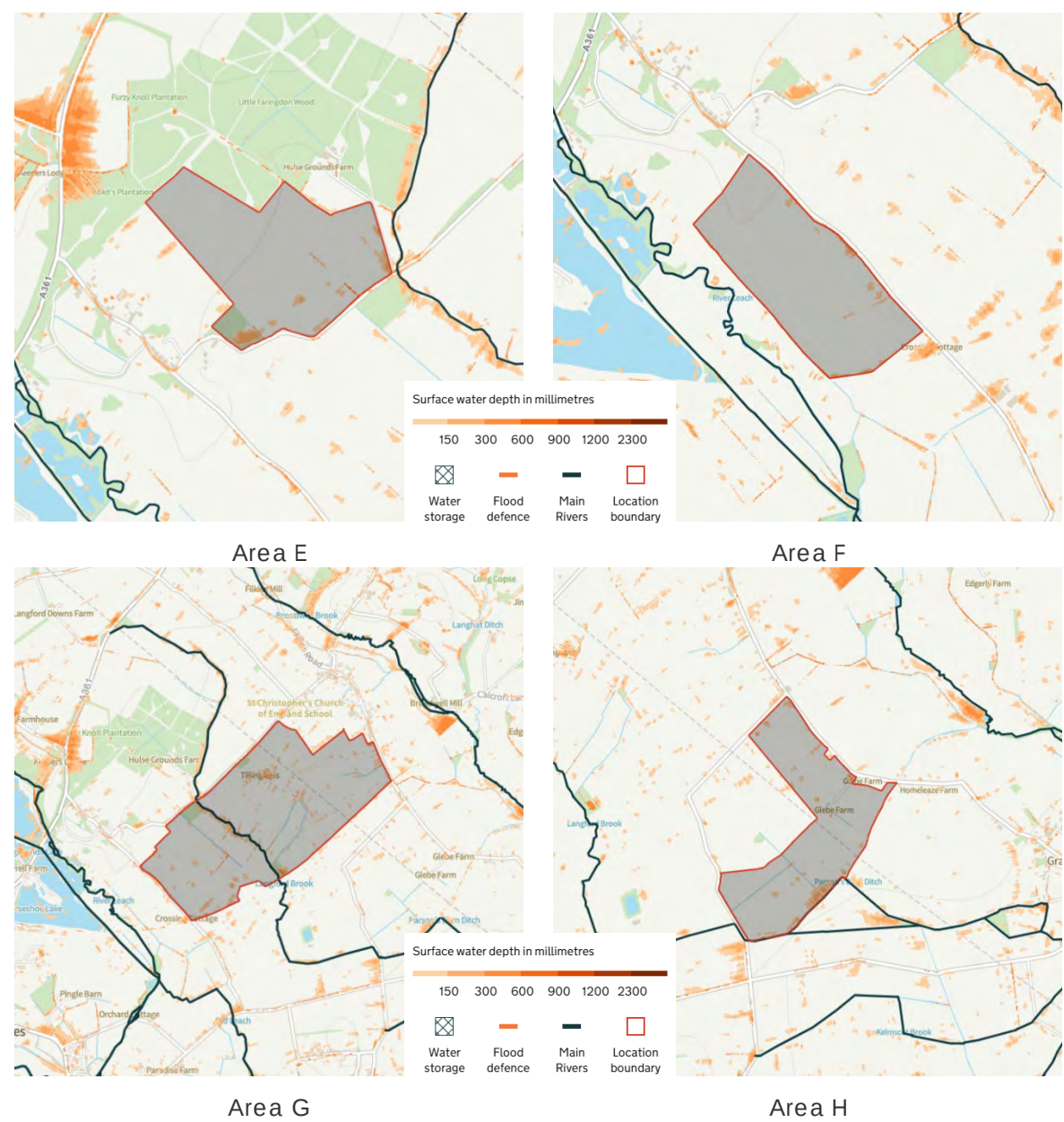


Figure 8: Flood Risk from Surface Water for Area E, F, G and H (site boundary defined in red)

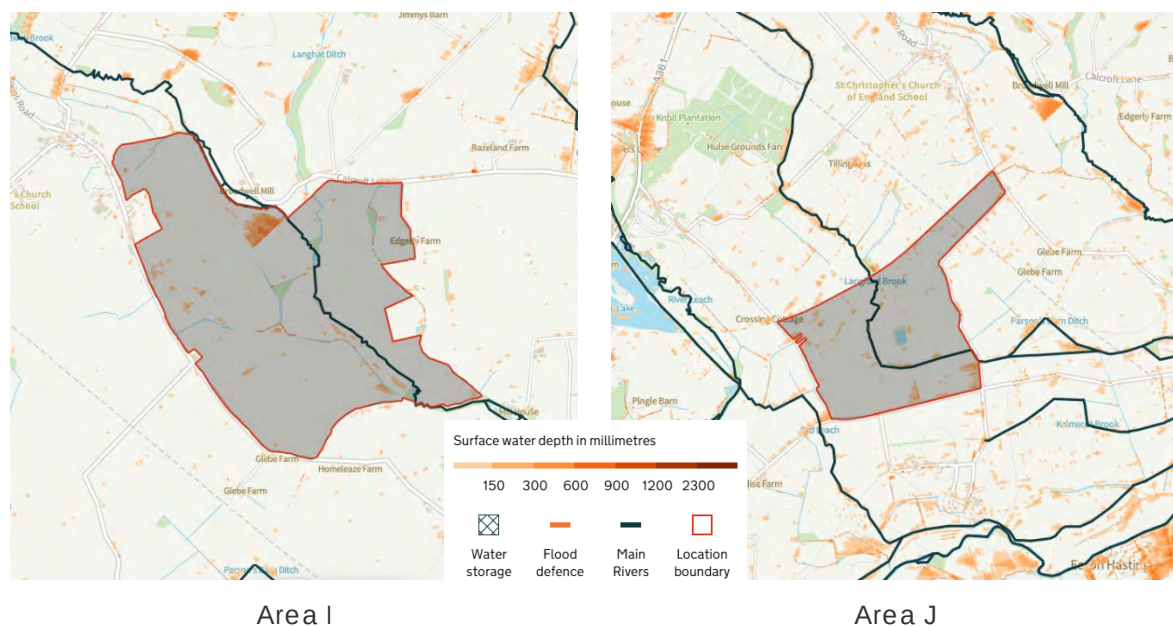


Figure 9: Flood Risk from Surface Water for Area I and J (site boundary defined in red)

Figures 7, 8 and 9 show that the site has a number of discrete areas indicated as having a Low Risk from surface water flooding across the Site. The discrete areas of low-risk flooding from surface water across the site are predominantly located within non-agricultural land. As such, the remaining areas of agricultural land with a low risk from surface water flooding are not considered to pose enough of a limitation to the cultivation of the Site.

The impact of flood risk is assessed to confirm if it can pose a limitation to the ALC grade of the site, in accordance with the guidance available (MAFF, 1988).

Table 3: Summary of Flood Risk from Environment Agency Data

ALC Grade	Frequency and Duration
1	Rare (short)
2	Rare (medium)
	Occasional (short)
3a	Rare (long)
	Occasional (medium)
	Frequent (short)
3b	Occasional (long)
	Frequent (medium)
4	Frequent (long)

The mapping identifies a Low to High risk of flooding from rivers and the sea within the boundary of the site and a Low risk of surface water flooding in some areas across the site.

As the areas are small, localised sections of the Site, and predominantly within land identified as non-agricultural, these areas are not representative of the overall Site. It is therefore considered that the flood risk does not pose enough of a limitation to the cultivation of the site to reduce the overall site ALC Grade.

5. Intrusive Survey Findings

The survey identified Four Soil Types across the entire site. Generalised profiles of the soil types encountered have been described as below (Table 4). However, please note that some localised variations were recorded. Complete soil logs are provided in Appendix II, and photographs of the surveyed soils are presented in Appendix III.

Table 4: Summary of Soils Identified on Site

	Depth (cm)	Texture	Colour	Stones (%)	Mottles	Structure
Soil Type 1a	0-30	Medium Clay Loam (MCL)	Dark Yellowish Brown (10YR 4/6)	0	No	Medium Subangular Blocky
	30-75	Clay (C)	Brown (7.5YR 5/4)	0	Few Fine Ochreous (5YR 6/8) Mottles	Coarse Prismatic
	75-120	Clay (C)	Brown (10YR 5/3)	0	Medium Ochreous (10YR 6/6) and Grey (10YR 7/1) Mottles	Coarse Prismatic
Soil Type 1b	0-30	Medium Clay Loam (MCL)	Brown (7.5YR 4/4)	0	No	Medium Subangular Blocky
	30-65	Heavy Clay Loam (HCL)	Brown (7.5YR 5/3)	0	Medium Ochreous (10YR 6/6) and Grey (10YR 7/1) Mottles	Coarse Angular Blocky
	65-120	Clay (C)	Pale Brown (10YR 6/3)	0	Medium Ochreous (10YR 6/8) Mottles	Coarse Angular Blocky
Soil Type 2	0-30	Silty Clay (ZC)	Brown (7.5YR 4/4)	0	No	Medium Subangular Blocky
	30-120	Clay (C)	Brown (7.5YR 5/3)	0	Medium Ochreous (10YR 6/6) and Grey (10YR 7/2) Mottles	Weak Coarse Prismatic
Soil Type 3	0-25	Medium-Heavy Silty Clay Loam (MZCL)	Dark Yellowish Brown (10YR 4/4)	0	No	Medium Angular Blocky
	25-55	Sandy Clay (SC)	Yellowish Brown (10YR 5/6)	0	No	Coarse Prismatic

Soil Descriptions

Soil Type 1a consisted of a stoneless, to slightly stony in places, dark yellowish brown clay loam (10YR 4/6) Ap horizon of the medium to heavy textured classification to an average depth of 30cm bgl. The structure was medium subangular to coarse angular blocky. This soil type was also observed with a topsoil of dark brown (10YR 3/3) colour in the matrix.

This was underlain by a brown clay (7.5YR 5/4) B horizon from approximately 30-75cm bgl, stoneless to slightly stony in places with few distinct mottles of Ochreous colours. The structure was identified as moderately to weakly developed coarse prismatic with a firm consistency and moderately to strongly developed coarse subangular blocky structure with a friable consistency.

From approximately 75-120cm bgl, a second subsoil was identified as brown (10YR 5/3) to light yellowish brown (10YR 6/4) silty clay, stoneless to slightly stony in places with numerous mottles of Ochreous and Grey colours. Discrete areas of this soil type were observed with a second subsoil consisting of a heavy silty clay loam. The structure was identified as weakly developed coarse prismatic with a firm consistency and strongly developed coarse prismatic with a friable consistency, to a strongly developed coarse angular blocky structure with a friable consistency. This soil type was observed with the absence of the lower subsoil in several samples across the Site.

Soil Type 1b was identified as very similar to soil type 1a, comprising a stoneless, to slightly stony in places, brown clay loam (7.5YR 4/4 to 7.5YR 4/2) Ap horizon of the medium to heavy textured classification to an average depth of 30cm bgl. The structure was identified as medium to coarse subangular blocky. Discrete areas of this soil type were observed with a topsoil comprising sandy clay loam in Area J. This soil type was observed with the absence of subsoil due to shallow bedrock across the Site.

The subsoil was observed c.30-65cm bgl. This horizon was identified as a brown (7.5YR 5/3) to light yellowish brown (10YR 6/4) heavy clay loam B horizon, stoneless to slightly stony in places, with few distinct mottles of Ochreous colours. Discrete areas of this soil type were observed with the observed with the absence of mottles in the B horizon. The structure was identified as strongly developed coarse to medium angular blocky with a friable consistency.

This was underlain by a second subsoil identified as a pale brown (10YR 6/3) clay, stoneless to slightly stony in places, with numerous Ochreous mottles. The structure was identified as weakly to moderately developed coarse angular blocky with a firm consistency. Discrete areas of this soil type were identified with a second subsoil comprising sandy clay in Area I. This soil type was observed with the absence of the lower subsoil in several samples across the Site.

Soil Type 2 comprised a brown (7.5YR 4/4) to dark yellowish brown (10YR 4/6) silty clay Ap horizon to an average depth of 30cm bgl. The soil was observed as stoneless, to slightly stony in places, with no mottling visible. The structure was identified as medium to coarse subangular blocky.

From 30-120cm a stoneless to slightly stony in places, brown (7.5YR 5/3) to dark greyish brown (10YR 4/2) clay with numerous Ochreous and Grey mottles. The structure was weakly to moderately developed coarse prismatic, with a firm consistency.

Soil Type 3 comprised a dark yellowish brown (10YR 4/4) to brown (7.5YR 4/4) silty clay loam (10YR 3/3) Ap horizon of the medium textured classification to an average depth of 25cm bgl. The topsoil was stoneless to slightly stony in places, with no mottling observed. The structure was identified as medium angular blocky. Several samples of this soil type were observed with shallow bedrock present at depths between 20 and 32cm bgl in Area A.

In one of the samples, this was underlain by a yellowish brown sandy clay (10YR 5/6) to a depth of approximately 55cm bgl. The structure was strongly developed coarse prismatic with a friable consistency.

Soil Calcium Carbonate determinations

Some soils on site were observed with a positive (effervescence) test for Calcium Carbonate with the majority being non calcareous, however due to the FCD being over 150 days, this has no material influence on the ALC assessment.

The general profiles for the soil types identified on the Site has been used to assess the Wetness Class (WC) for the Soil Type (see Appendix V for the MAFF decision flow chart). The general profile is reflective of the findings in the soil pit associated with the Soil Type identified on site. The assessment process and results of the in-field wetness assessment is provided within Table 5 below with a plan of the distribution of the soil types across the site shown in Appendix I.

Table 5: Wetness Class Assessment for Soil Types Encountered on Site

Soil Type	Parameters (Figure 6, MAFF)					
	Disturbed	FCD	SPL (depth cm) Justification	Colour	Gleying (depth cm) Justification	Ref
1a	No	152.21	At a depth of 30cm, the SPL was identified to be present due to the following characteristics: Clay (C) coarse prismatic structure moderately developed less than 0.50% biopores greater than 0.50mm diameter evidence of wetness in the layer; ochreous mottles	Other	At a depth of 75cm, gleying was identified to be present due to the following characteristics: Pale colours dominant in the matrix and at least 2% ochreous mottles	Figure 7
1b	No	152.21	At a depth of 30cm, the SPL was identified to be present due to the following characteristics: Heavy Clay Loam (HCL) coarse angular blocky structure moderately developed less than 0.50% biopores greater than 0.50mm diameter evidence of wetness in the layer; ochreous mottles	Other	At a depth of 30cm, gleying was identified to be present due to the following characteristics: Pale colours dominant in the matrix and at least 2% ochreous mottles	Figure 7

2	No	152.21	At a depth of 30cm, the SPL was identified to be present due to the following characteristics: Silty Clay (ZC) coarse prismatic structure weakly developed less than 0.50% biopores greater than 0.50mm diameter evidence of wetness in the layer; gleying	Other	At a depth of 30cm, gleying was identified to be present due to the following characteristics: Pale colours dominant in the matrix and at least 2% ochreous mottles	Figure 7	IV
3	No	152.21	No SPL layer was identified to be present within the top 120cm.	Other	Gleying was not identified to be present within the top 120cm.	N/A	I

Notes: This Table follows the flow chart of Figure 6 of the MAFF ALC guidance to identify the wetness classification per Soil Type.

Soil Interactive Limitations

Soil Wetness Limitations

Soils across the site with profiles representative of soil type 1a and 1b were found to be limited by soil wetness. The combination of the topsoil textures ranging from Medium to Heavy Clay Loams, Wetness Class (IV and some isolated III) and the number of Field Capacity Days (ranging 148.64 - 155.34) results in ALC Grade 3a and 3b respectively.

Soils across the site with profiles representative of soil type 2 were found to be limited by soil wetness. The combination of the topsoil textures of Silty Clay, Wetness Class (IV) and the number of Field Capacity Days (ranging 148.64 - 155.34) results in ALC Grade 3b respectively.

Soil Droughtiness Limitation

The combination of the soil textures and available water capacity, limits much of the soils on site, particularly those with shallow bedrock, to a mix of ALC Grade 3b and 4 for droughtiness.

Soil Depth Limitation

Some soils on site were identified with shallow bedrock which can pose a significant limitation to cultivation. These areas towards the north of the site are free from superficial deposits which have likely led to the shallower profiles. Soil depth limits the ALC grade as per table 4 of the MAFF guidance, with a mix of ALC Grade 4 and 5 being identified in the shallowest profiles.

6. Conclusions

The ALC grading for the site area is summarised below within Table 6 and 7, overall findings of this assessment can be found in Appendix IV. The table below identifies the grades of the areas of agricultural land present across the site (Appendix I).

Table 6: ALC Classification

ALC Grade	Area (Ha)	Percentage
Grade 1	5.3	0.57%
Grade 2	8.18	0.89%
Subgrade 3a	98.27	10.64%
Subgrade 3b	522.17	56.51%
Grade 4	188.98	20.45%
Grade 5	18.0	1.95%
Non-Agricultural	37.5	4.06%
Non-access (monument)	45.6	4.94%
Total Site Area	924	100%

Table 7: BMV distribution

Designation	Area (Ha)	Percentage
Non-access (monument)	45.6	4.94
Total BMV	111.75	12.09%
Total Non-BMV	766.65	82.97%
Total Site Area	924	100%

Overall Site ALC Grades and Conclusions

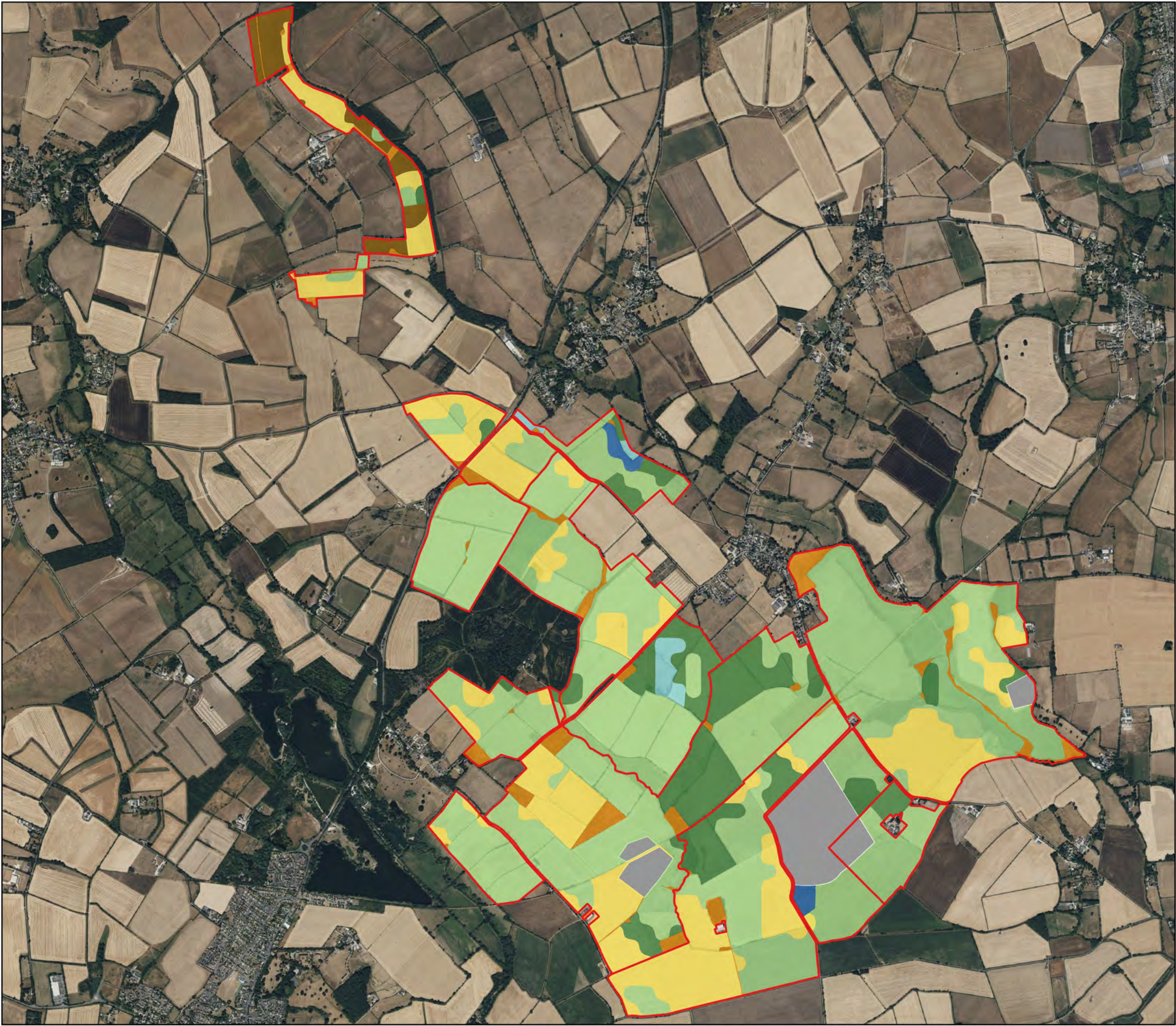
The majority of the land surveyed as part of this assessment (522.17ha), has been identified as ALC Grade 3b, with approximately 5.3ha identified as ALC Grade 1, 8.18ha identified as ALC Grade 2, 98.27ha identified as ALC Grade 3a and a total of 188.98ha across the Site identified as ALC Grade 4. 37.5ha of land was identified as Non-Agricultural which comprised wooded areas, farm hardstanding and farm tracks. 45.6ha of the site boundary has not been surveyed as part of this assessment due to the presence of scheduled monuments. Other small, discrete inaccessible areas due to presence of livestock, dense crop or electric fencing have been extrapolated using surrounding data and published soils and geology mapping.

To avoid isolated areas of differing ALC grades being assigned on the basis of singular auger borings, where auger observations have been found as unrepresentative when viewed alongside the wider pattern of soil profiles and site conditions, these have been incorporated into the surrounding grade where there is no evidence that agricultural management, soil conditions, or land use differ from the adjacent land.

As such, BMV land has been identified on 111.75ha of land, representing 12.09% of the site area.

APPENDIX I

SITE PLANS



- Legend**
- RLB
 - Grade 1
 - Grade 2
 - Grade 3a
 - Grade 3b
 - Grade 4
 - Grade 5
 - Non-Agricultural
 - Non-access (monument)

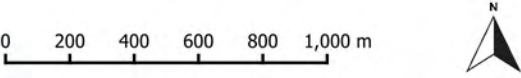
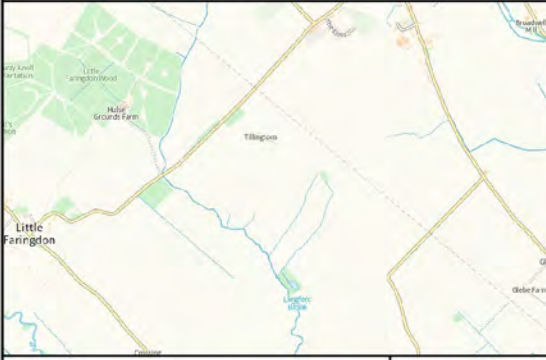


Figure ALC Grade Distribution		
Job West Oxfordshire Energy Park		
Client Low Carbon		
Figure No. 1	Revision 1	Date 10 July 2026
Drawn by EH	Checked by EB	Scale 1:23,500
Job No. 260417		



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Legend

Area A

Auger Samples Area A

Non-Agricultural

ALC Grade 3a

ALC Grade 3b

ALC Grade 4

ALC Grade 5

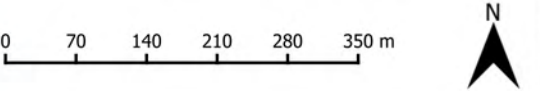
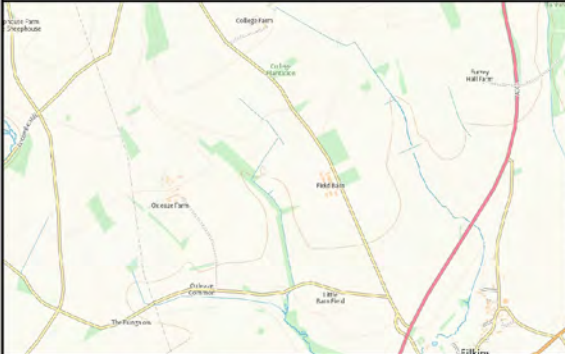


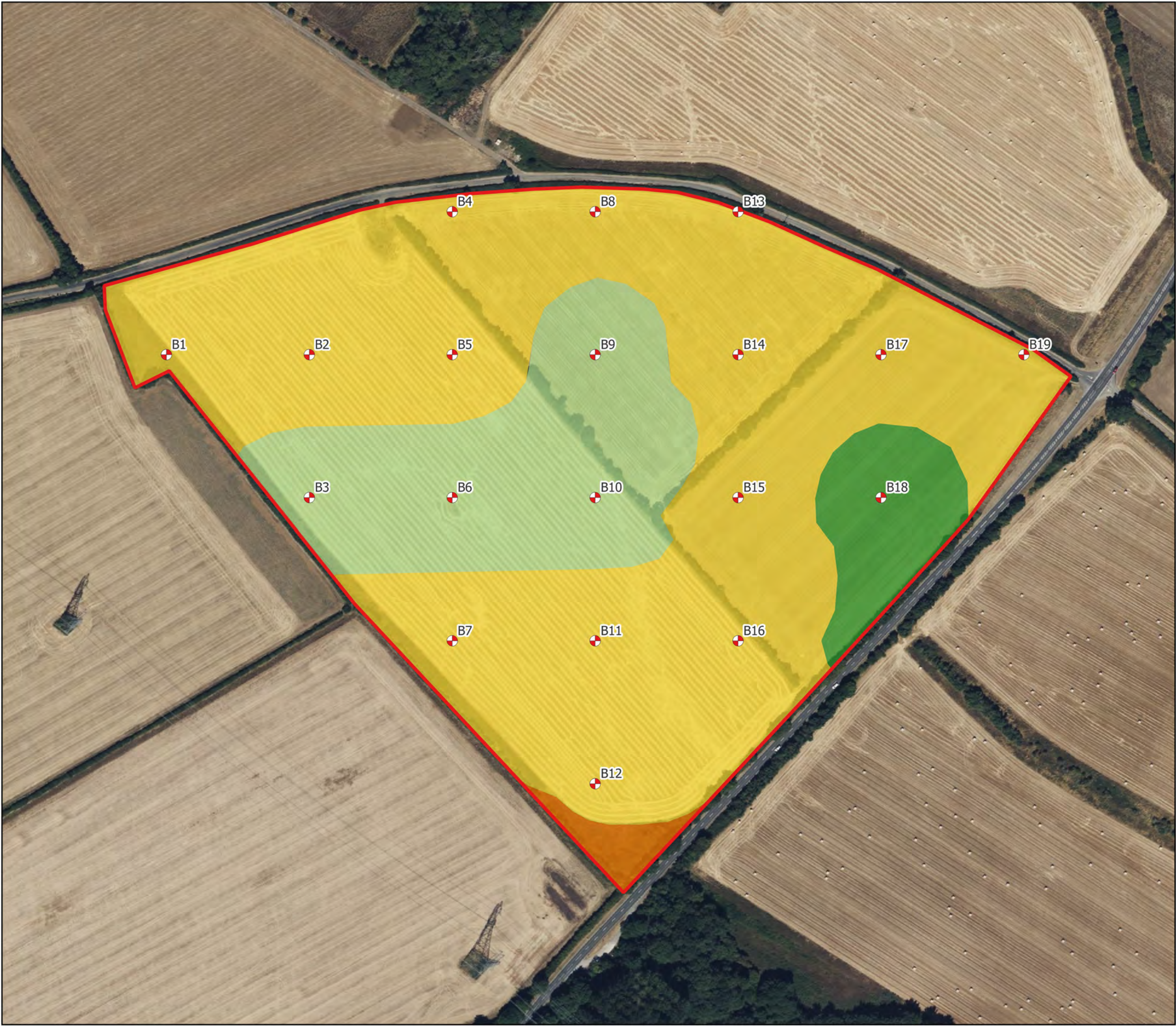
Figure ALC Grade Map - Area A		
Job West Oxfordshire Energy Park, Lechlade		
Client LDA Design		
Figure No. 2	Revision 1	Date 15 July 2026
Drawn by SS	Checked by EH	Scale 1:7,500
Job No. 260417		



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Legend

Area B

Auger Samples Area B

ALC Grade 3a

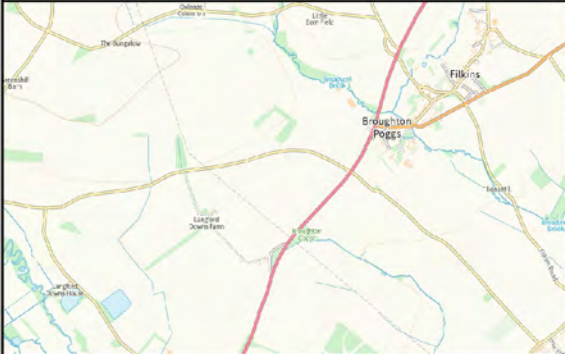
ALC Grade 3b

ALC Grade 4

020406080100 m

N

Figure ALC Grade Map - Area B		
Job West Oxfordshire Energy Park, Lechlade		
Client LDA Design		
Figure No. 3	Revision 1	Date 15 July 2026
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Job No. 260417		



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Legend

Area C

Auger Sample Area C

ALC Grade 1

ALC Grade 2

ALC Grade 3a

ALC Grade 3b

Non-Agricultural

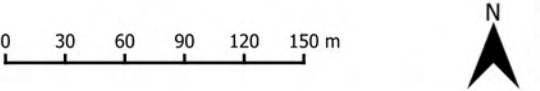
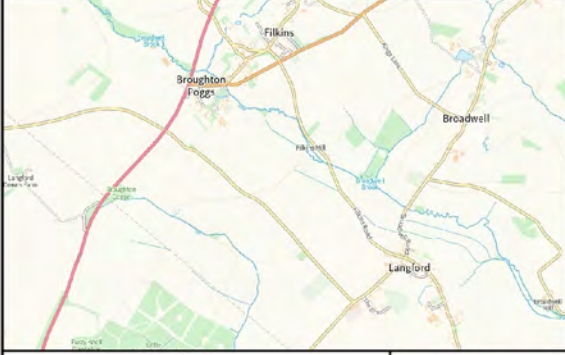


Figure ALC Grade Map - Area C		
Job West Oxfordshire Energy Park, Lechlade		
Client LDA Design		
Figure No. 4	Revision 1	Date 15 July 2026
Drawn by SS	Checked by EH	Scale 1:3,800
Job No. 260417		



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Legend

Area D

Auger Samples Area D

Non-agricultural

ALC Grade 3a

ALC Grade 3b

ALC Grade 4

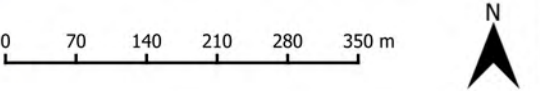
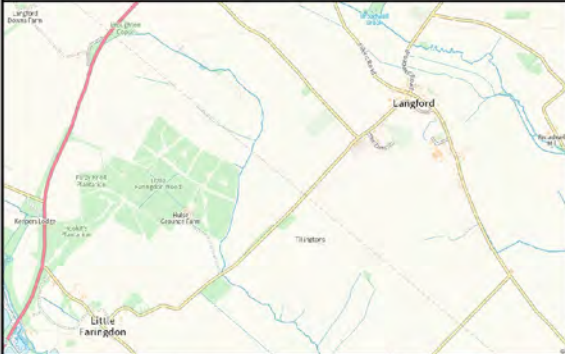


Figure ALC Grade Map - Area D		
Job West Oxfordshire Energy Park, Lechlade		
Client LDA Design		
Figure No. 5	Revision 1	Date 15 July 2026
Drawn by SS	Checked by EH	Scale 1:7,500
Job No. 260417		



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Legend

- Area E
- Auger Samples Area E
- Non-agricultural
- ALC Grade 3a
- ALC Grade 3b
- ALC Grade 4

020406080100 m

N

FigureALC Grade Map - Area E		
JobWest Oxfordshire Energy Park, Lechlade		
ClientLDA Design		
Figure No.6	Revision1	Date15 July 2026
Drawn bySS	Checked byEH	Scale1:2,729.393474
Job No.260417		

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Legend

- Area F
- Auger Samples Area F
- ALC Grade 3b
- ALC Grade 4

0306090120150m

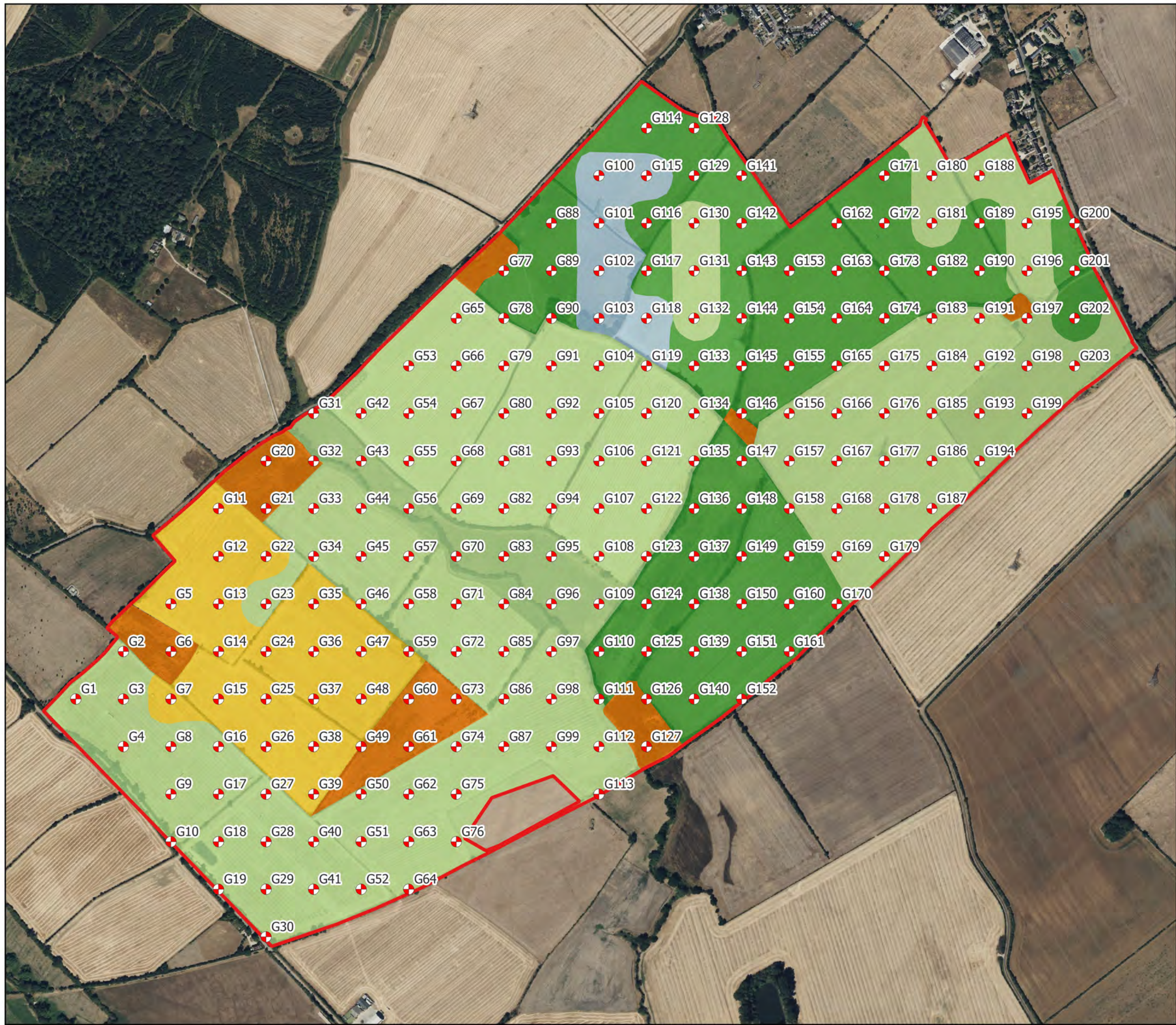
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FigureALC Grade Map - Area F		
JobWest Oxfordshire Energy Park, Lechlade		
ClientLDA Design		
Figure No.7	Revision1	Date15 July 2026
Drawn bySS	Checked byEH	Scale1:3,000
Job No.260417		

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Legend

Area G

Auger Samples Area G

ALC Grade 2

ALC grade 3a

ALC Grade 3b

ALC Grade 4

Non-agricultural

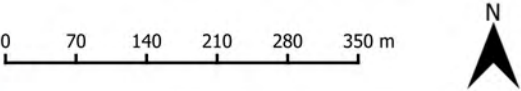
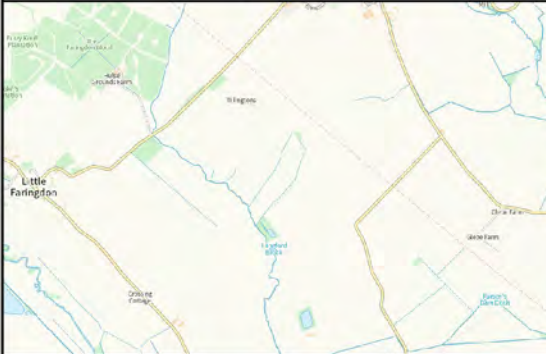


Figure ALC Grade Map - Area G		
Job West Oxfordshire Energy Park, Lechlade		
Client LDA Design		
Figure No. 8	Revision 1	Date 15 July 2026
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Job No. 260417		



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Legend

Area H

Auger Samples Area H

Non-agricultural

ALC Grade 1

ALC Grade 3a

ALC Grade 3b

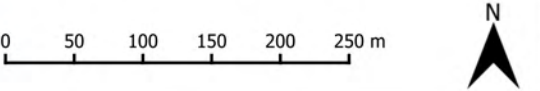
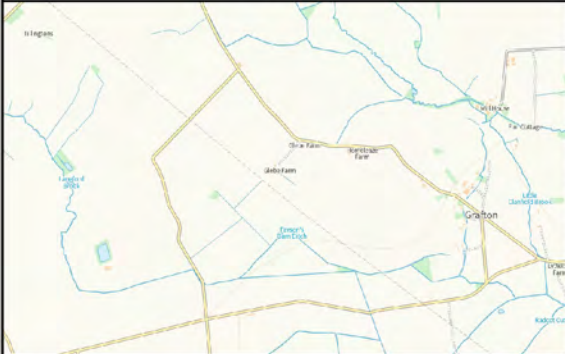


Figure ALC Grade Map - Area H		
Job West Oxfordshire Energy Park, Lechlade		
Client LDA Design		
Figure No. 9	Revision 1	Date 15 July 2026
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Legend

- Area I
- Auger Samples Area I
- ALC Grade 3a
- ALC Grade 3b
- ALC Grade 4
- Non-agricultural

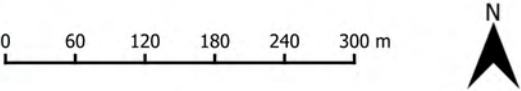
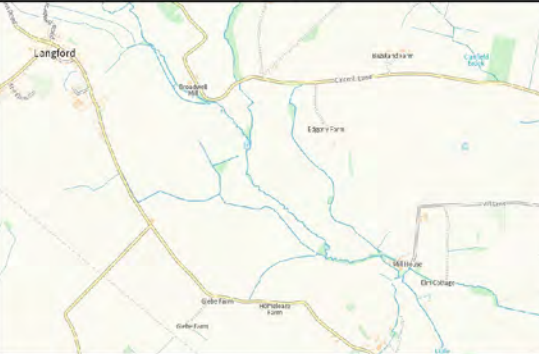


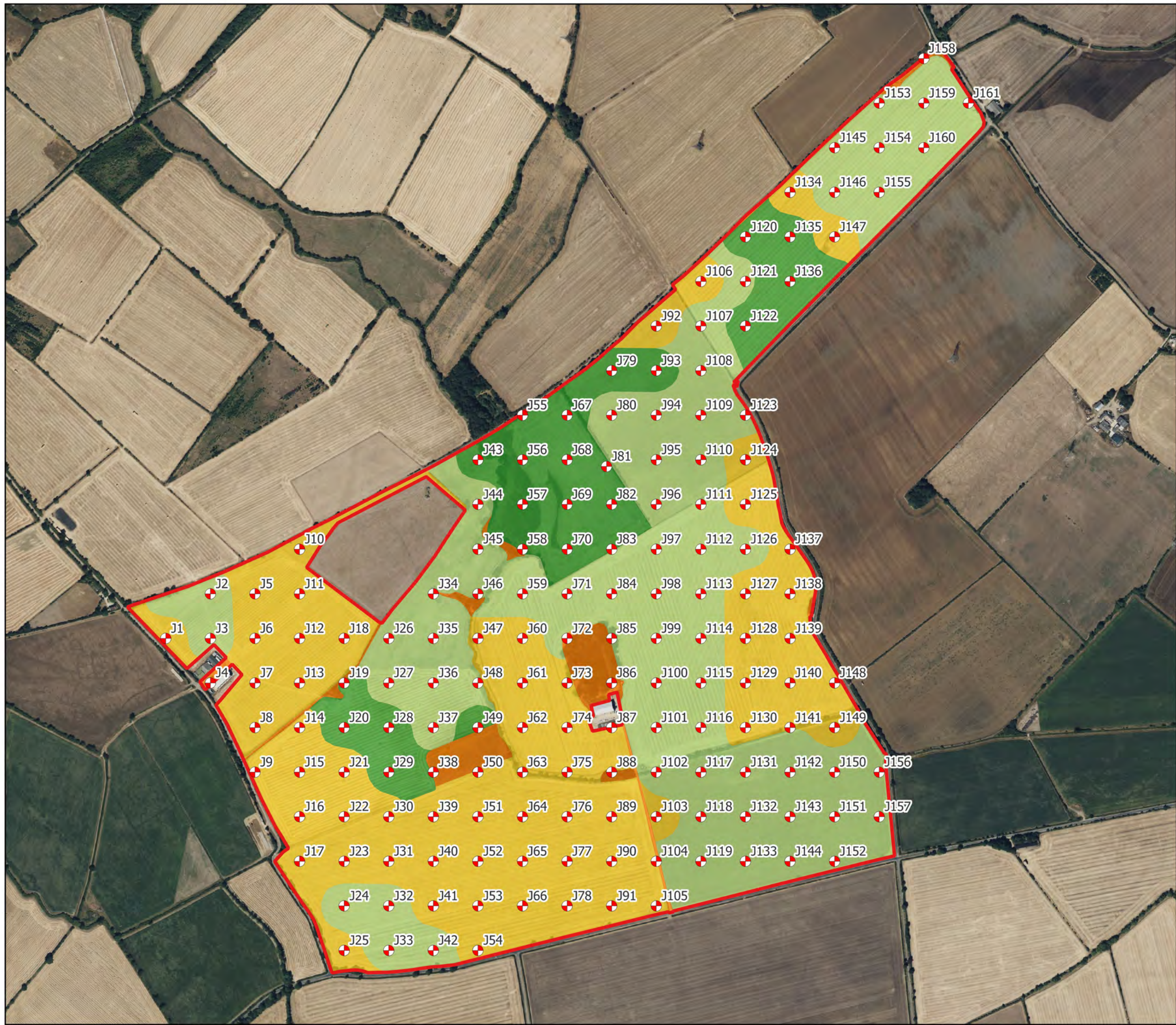
Figure ALC Grade Map - Area I		
Job West Oxfordshire Energy Park, Lechlade		
Client LDA Design		
Figure No. 10	Revision 1	Date 15 July 2026
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Legend

- Auger Samples Area J
- Site Boundary - Site J
- ALC Grade 3a
- ALC Grade 3b
- ALC Grade 4
- Non-agricultural

Figure
ALC Grade Map - Area J

Job
West Oxfordshire Energy Park, Lechlade

Client
LDA Design

Figure No. 11	Revision 1	Date 15 July 2026
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APPENDIX II

SITE SURVEY LOGS

Auger Sample	Top depth (cm)	Bottom depth (cm)	Texture	Matrix			Mottles 1			Mottles 2			Stones%	Structure	SPL	GLEVING	Figure	Wetness class	Wetness Grade	condition	MB		Drought Grade		Overriding Limitation				
				Hue	v	c	colour	Hue	v	c	colour	Hue									v	c	colour	WHT		POT	Wht	Pot	
A.1	0	12	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.2	0	12	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.3	0	10	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.4	0	10	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.5	0	10	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.6	0	12	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.7	0	12	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.8	0	11	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.9	0	14	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.10	0	14	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.11	0	15	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.12	0	14	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.13	0	15	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.14	Non-Agricultural																												
A.15	0	15	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.16	0	14	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.17	0	15	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	MSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.18	0	15	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.19	0	15	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	MSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.20	0	15	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.21	0	16	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.22	0	20	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
	20	75	C	7.5YR	5	4	Brownish	7.5YR	6	6	Ochreous	n/a	n/a	n/a	n/a	-	0	WCP	SPL	No									
	75	120	ZC	10YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	1	Greyish	0	CP	SPL	Gleye	Figure 7	IV	3b	poor	21.5	7.75	2	2	3b	Wetness
A.23	0	15	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	MSAB	No	No										
																	No	No											
																	No	No	WC1	I	1								
A.24	0	10	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	5	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.25	0	22	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
	22	80	C	7.5YR	5	4	Brownish	7.5YR	6	6	Ochreous	n/a	n/a	n/a	n/a	-	0	WCP	SPL	No									
	80	120	ZC	10YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	1	Greyish	0	CP	SPL	Gleye	Figure 7	IV	3b	poor	22.5	8.75	2	2	3b	Wetness
A.26	0	14	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	MSAB	No	No										
																	No	No											
																	No	No	WC1	I	1								
A.27	0	11	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	5	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.28	0	10	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	5	FSAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.29	0	19	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
	19	82	C	7.5YR	5	4	Brownish	7.5YR	6	6	Ochreous	n/a	n/a	n/a	n/a	-	0	WCP	SPL	No									
	82	120	ZC	10YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	1	Greyish	0	CP	SPL	Gleye	Figure 7	IV	3b	poor	21	7.25	2	2	3b	Wetness
A.30	0	24	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
	24	80	C	7.5YR	5	4	Brownish	7.5YR	6	6	Ochreous	n/a	n/a	n/a	n/a	-	0	WCP	SPL	No									
	80	120	ZC	10YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	1	Greyish	0	CP	SPL	Gleye	Figure 7	IV	3b	poor	23.5	9.75	2	2	3b	Wetness
A.31	0	15	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	MSAB	No	No										
																	No	No											
																	No	No	WC1	I	1								
A.32	0	30	MZCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MAB	No	No										
															100		No	No											
																	No	No	WC1	I	1								
A.33	Non-Agricultural																												
A.34																													

[illegible]

Auger Sample	Top depth (cm)	Bottom depth (cm)	Texture	Matrix			colour	Mottles 1			colour	Mottles 2			colour	Stoness%	Structure	SPL	CLEYING	Figure	Wetness class	Wetness Grade	condition	MB		Drought Grade		Overriding Limitation	
				Hue	v	c		Hue	v	c		Hue	v	c										WHT	POT	Wht	Pot		
B.1	0	20	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
																100		No	No										
																		No	No	WC1	I	1		-67.1	-58	4	4	4	Droughtiness
B.2	0	22	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
																100		No	No										
																		No	No	WC1	I	1		-63.5	-54	4	3b	4	Droughtiness
B.3	0	30	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
																100		No	No										
																		No	No	WC1	I	1		-49.1	-40	3b	3b	3b	Droughtiness
B.4	0	22	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
																100		No	No										
																		No	No	WC1	I	1		-63.5	-54	4	3b	4	Droughtiness
B.5	0	26	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
																100		No	No										
																		No	No	WC1	I	1		-56.3	-47	4	3b	4	Droughtiness
B.6	0	32	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
																100		No	No										
																		No	No	WC1	I	1		-45.5	-36	3b	3b	3b	Droughtiness
B.7	0	28	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
																100		No	No										
																		No	No	WC1	I	1		-52.7	-44	4	3b	4	Droughtiness
B.8	0	26	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
																100		No	No										
																		No	No	WC1	I	1		-56.3	-47	4	3b	4	Droughtiness
B.9	0	30	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
																100		No	No										
																		No	No	WC1	I	1		-49.1	-40	3b	3b	3b	Droughtiness
B.10	0	32	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
																100		No	No										
																		No	No	WC1	I	1		-45.5	-36	3b	3b	3b	Droughtiness
B.11	0	28	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
																100		No	No										
																		No	No	WC1	I	1		-52.7	-44	4	3b	4	Droughtiness
B.12	0	25	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
																100		No	No										
																		No	No	WC1	I	1		-58.1	-49	4	3b	4	Droughtiness
B.13	0	22	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
																100		No	No										
																		No	No	WC1	I	1		-63.5	-54	4	3b	4	Droughtiness
B.14	0	25	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
																100		No	No										
																		No	No	WC1	I	1		-58.1	-49	4	3b	4	Droughtiness
B.15	0	21	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
																100		No	No										
																		No	No	WC1	I	1		-65.3	-56	4	4	4	Droughtiness
B.16	0	19	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
																100		No	No										
																		No	No	WC1	I	1		-68.9	-60	4	4	4	Droughtiness
B.17	0	17	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
																100		No	No										
																		No	No	WC1	I	1		-72.5	-63	4	4	4	Droughtiness
B.18	0	37	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
	37	54	MSL	7.5YR	5	3	Pale	n/a	n/a	n/a	-	n/a	n/a	n/a	-	5	FSAB	No	No					good					
																100		No	No	WC1	I	1		-10.5	0.12	3a	2	3a	Droughtiness
B.19	0	19	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	FSAB	No	No										
																100		No	No										
																		No	No	WC1	I	1		-68.9	-60	4	4	4	Droughtiness

Auger Sample	Top depth (cm)	Bottom depth (cm)	Texture	Matrix			colour	Mottles 1			colour	Mottles 2			Stones %	Structure	SPL	GLYING	Figure	Wetness class	Wetness Grade	condition	MB		Drought Grade		Overriding Limitation			
				Hue	v	c		Hue	v	c		Hue	v	c									WHT	POT	Wht	Pot				
C.1	0	32	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1	moderate	14.94	21	2	1	2	Droughtiness Wheat	
	32	85	HCL	7.5YR	5	3	Pale	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	CAB	No	No											
C.2	0	30	ZC	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	-4.29	6.09	3a	2	3b	Wetness	
	30	85	C	10YR	5	3	Pale	10YR	6	6	Ochreous	10YR	7	2	Greyish	5	CAB	SPL	Gleyed											
C.3	0	25	ZC	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	-9.93	3.79	3a	2	3b	Wetness	
	25	80	C	10YR	5	3	Pale	10YR	6	6	Ochreous	10YR	7	2	Greyish	5	CAB	SPL	Gleyed											
C.4	0	25	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1	moderate	-28	-19	3b	3a	3b	Droughtiness Wheat	
	25	45	HCL	7.5YR	5	3	Pale	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	CAB	No	No											
C.5	0	20	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	FSAB	No	No	WC1	I	1		-67.5	-58.5	4	4	4	Droughtiness Wheat	
															100	No	No	No												
C.6	0	29	ZC	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	-8.42	5.63	3a	2	3b	Wetness	
	29	78	C	10YR	5	3	Pale	10YR	6	6	Ochreous	10YR	7	2	Greyish	5	CAB	SPL	Gleyed											
C.7	0	25	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1	moderate	-20.3	-11.4	3b	3a	3b	Droughtiness Wheat	
	25	50	HCL	7.5YR	5	3	Pale	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	CAB	No	No											
C.8	0	25	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1	moderate	-35.6	-26.6	3b	3a	3b	Droughtiness Wheat	
	25	40	HCL	7.5YR	5	3	Pale	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	CAB	No	No											
C.9	0	32	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1		-45.9	-36.9	3b	3b	3b	Droughtiness Wheat	
															100	No	No	No												
C.10	Non-Agricultural																			WC1	I	1								
C.11	0	28	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1	moderate	4.313	19.9	3a	1	3a	Droughtiness Wheat	
	28	75	HCL	7.5YR	5	3	Pale	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	CAB	No	No											
C.12	0	42	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1	moderate	51.03	23.8	1	1	1	Wetness	
	42	120	HCL	7.5YR	5	3	Pale	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	CAB	No	No											
C.13	0	40	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1	moderate	50.48	23.2	1	1	1	Wetness	
	40	120	HCL	7.5YR	5	3	Pale	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	CAB	No	No											
C.14	0	28	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	FSAB	No	No	WC1	I	1		-53.1	-44.1	4	3b	4	Droughtiness Wheat	
															100	No	No	No												
C.15	0	19	MCL	7.5YR	4	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 8	III	3a	moderate	-16.8	-3.83	3a	2	3a	Wetness	
	19	45	HCL	7.5YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MAB	No	No											
C.16	45	57	C	10YR	6	3	Pale	10YR	6	8	Ochreous	n/a	n/a	n/a	n/a	-	5	CAB	SPL	Gleyed	Figure 8	III	3a	poor						
	0	25	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No											
C.17	0	30	MCL	7.5YR	4	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	WC1	I	1	moderate	39.25	23.5	1	1	1	Wetness	
	30	80	HCL	7.5YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MAB	No	No											
C.18	80	120	C	10YR	6	3	Pale	10YR	6	8	Ochreous	n/a	n/a	n/a	n/a	-	5	CAB	SPL	Gleyed	WC1	I	1	poor						
	0	30	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No											
C.19	0	20	MCL	7.5YR	4	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	WC1	I	1	moderate	-49.5	-40.5	3b	3b	3b	Droughtiness Wheat	
	20	45	HCL	7.5YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MAB	No	No											
C.20	45	60	C	10YR	6	3	Pale	10YR	6	8	Ochreous	n/a	n/a	n/a	n/a	-	5	CAB	SPL	Gleyed	Figure 8	III	3a	poor	-14.6	0.09	3a	2	3a	Wetness
	0	32	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No											
C.21	32	60	HCL	7.5YR	5	3	Pale	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	CAB	No	No	WC1	I	1	moderate	-8.88	5.79	3a	2	3a	Droughtiness Wheat	
	0	32	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No											
C.22	0	30	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1		-45.9	-36.9	3b	3b	3b	Droughtiness Wheat	
															100	No	No	No												
C.23	0	34	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1	moderate	-49.5	-40.5	3b	3b	3b	Droughtiness Wheat	
	34	55	HCL	7.5YR	5	3	Pale	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	CAB	No	No											
C.24	0	35	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1	moderate	-13.1	-1.29	3a	2	3a	Droughtiness Wheat	
	35	57	HCL	7.5YR	5	3	Pale	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	CAB	No	No											
C.25	0	37	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1	moderate	-10.9	2.04	3a	2	3a	Droughtiness Wheat	
															100	No	No	No												
C.26	0	39	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1		-36.9	-27.9	3b	3a	3b	Droughtiness Wheat	
															100	No	No	No												

Auger Sample	Top depth (cm)	Bottom depth (cm)	Texture	Matrix			Mottles 1			Mottles 2			Stones%	Structure	SPL	GLEYING	Figure	Wetness class	Wetness Grade	condition	MB		Drought Grade		Overriding Limitation				
				Hue	v	c	colour	Hue	v	c	colour	Hue									v	c	colour	WHT		POT	Wht	Pot	
D.1	0	27	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	Figure 7	IV	3b	poor poor	22.52	8.06	2	2	3b	Wetness	
	27	75	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL											No
	75	120	ZC	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL											Gleyed
D.2	0	26	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	Figure 7	IV	3b	poor poor	21.53	6.96	2	2	3b	Wetness	
	26	70	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL											No
	70	120	ZC	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL											Gleyed
D.3	0	25	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	Figure 7	IV	3b	poor poor	21.49	6.96	2	2	3b	Wetness	
	25	72	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL											No
	72	120	ZC	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL											Gleyed
D.4	0	25	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	Figure 7	IV	3b	poor moderate	34.93	6.96	1	2	3b	Wetness	
	25	75	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL											No
	75	120	HZCL	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL											Gleyed
D.5	0	31	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	Figure 8	III	3b	poor poor	24.29	9.58	2	2	3b	Wetness	
	31	68	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL											No
	68	120	ZC	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL											Gleyed
D.6	0	25	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	Figure 8	III	3b	poor poor	21.63	6.69	2	2	3b	Wetness	
	25	65	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL											No
	65	120	ZC	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL											Gleyed
D.7	0	27	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	Figure 8	III	3b	poor poor	22.72	7.78	2	2	3b	Wetness	
	27	65	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL											No
	65	120	ZC	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL											Gleyed
D.8	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	Figure 8	III	3b	poor poor	24.27	9.64	2	2	3b	Wetness	
	30	69	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL											No
	69	120	ZC	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL											Gleyed
D.9	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	Figure 7	IV	3b	poor	24.21	9.69	2	2	3b	Wetness	
	30	72	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL											No
	72	120	ZC	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL											Gleyed
D.10	Non-Agricultural																												
D.11	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	Figure 7	IV	3b	poor moderate	36.05	9.69	1	2	3b	Wetness	
	30	80	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL											No
	80	120	HZCL	5Y	7	1	Greyish	7.5YR	6	8	Ochreous	GLE1	7	1	Greyish	0	CP	SPL											Gleyed
D.12	0	25	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	Figure 7	IV	3b	poor moderate	34.93	6.96	1	2	3b	Wetness	
	25	75	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL											No
	75	120	HZCL	5Y	7	1	Greyish	7.5YR	6	8	Ochreous	GLE1	7	1	Greyish	0	CP	SPL											Gleyed
D.13	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	Figure 7	IV	3b	poor moderate	39.25	9.69	1	2	3b	Wetness	
	30	70	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL											No
	70	120	HZCL	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL											Gleyed
D.14	0	32	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	Figure 8	III	3b	poor moderate	41.94	13	1	1	3b	Wetness	
	32	65	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL											No
	65	120	HZCL	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL											Gleyed
D.15	0	32	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	Figure 7	IV	3b	poor moderate	40.34	10.8	1	1	3b	Wetness	
	32	70	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL											No
	70	120	HZCL	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL											Gleyed
D.16	0	32	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	Figure 7	IV	3b	poor moderate	38.74	10.8	1	1	3b	Wetness	
	32	75	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL											No
	75	120	HZCL	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL											Gleyed
D.17	0	30	HCL	10YR	4	2	Greyish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	moderate	52.55	23.5	1	1	3b	Wetness
	30	120	HCL	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL	Gleyed										
																	No	No											
D.18	Non-Agricultural																												
D.19	Non-Agricultural																												
D.20	0	25	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	Figure 8	II	3a	poor moderate	-13.5	-50	3a	3b	3b	Droughtiness	
	25	70	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL											No
	75	120	HZCL	5Y	7	1	Greyish	7.5YR	6	8	Ochreous	GLE1	7	1	Greyish	0	CP	SPL											Gleyed
D.21	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	Figure 7	IV	3b	poor moderate	36.05	9.69	1	2	3b	Wetness	
	30	80	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL											No
	80	120	HZCL	5Y	7	1	Greyish	7.5YR	6	8	Ochreous	GLE1	7	1	Greyish	0	CP	SPL											Gleyed
D.22	0	37	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	Figure 7	IV	3b	poor moderate	43.07	13.5	1	1	3b	Wetness	
	37	70	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL											No
	70	120	HZCL	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL											Gleyed
D.23	0	37	HCL	10YR	4	2	Greyish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	moderate	53.95	24.9	1	1	3b	Wetness
	37	120	HCL	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL	Gleyed										
																	No	No											
D.24	0	32	HCL	10YR	4	2	Greyish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	moderate	52.95	23.9	1	1	3b	Wetness
	32	120	HCL	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL	Gleyed										
																	No	No											
D.25	0	25	HCL	10YR	4	2	Greyish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	moderate	51.55	22.5	1	1	3b	Wetness
	25	120	HCL	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL	Gleyed										
	</																												

D.39	0	19	HCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	2			-69.3	-60	4	4	4	Droughtiness									
																	No	No																					
																		No	No																				
D.40	0	21	HCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	2			-60.3	-60	4	4	4	Droughtiness									
																		No	No																				
																		No	No																				
D.41																		No	No	WC1	I	2			-67.5	-59	4	4	4	Droughtiness									
																		No	No																				
																		No	No																				
	0	27	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No																				
	27	78	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL	No																				
	78	120	ZC	5Y	7	1	Greyish	7.5YR	6	8	Ochreous	GLE1	7	1	Greyish	0	CP	SPL	Gleyed											Figure 7	IV	3b	poor	poor	22.46	8.06	2	2	3b
D.42	0	27	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No																				
	27	80	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL	No																				
	80	120	ZC	5Y	7	1	Greyish	7.5YR	6	8	Ochreous	GLE1	7	1	Greyish	0	CP	SPL	Gleyed										Figure 7	IV	3b	poor	poor	22.42	8.06	2	2	3b	Wetness
D.43	0	28	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No																				
	38	82	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL	No																				
	82	120	ZC	5Y	7	1	Greyish	7.5YR	6	8	Ochreous	GLE1	7	1	Greyish	0	CP	SPL	Gleyed										Figure 7	IV	3b	poor	poor	10.37	-4	2	2	3b	Wetness
D.44	0	43	HCL	10YR	4	2	Greyish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	CSAB	No	No																				
	43	120	HCL	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL	Gleyed																				
																		No	No										Figure 7	III	3b			55.15	26.1	1	1	3b	Wetness
D.45	0	38	HCL	10YR	4	2	Greyish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	CSAB	No	No																				
	38	120	HCL	10YR	6	4	Pale	10YR	6	6	Ochreous	10YR	7	1	Greyish	0	CP	SPL	Gleyed																				
																		No	No										Figure 7	IV	3b			54.15	25.1	1	1	3b	Wetness
D.46	0	22	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No																				
																		No	No										WC1	I	2			-63.9	-55	4	3b	4	Droughtiness
																		No	No																				
D.47	0	23	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No																				
																		No	No										WC1	I	2			-62.1	-53	4	3b	4	Droughtiness
																		No	No																				
D.48	0	40	HCL	10YR	4	3	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MAB	No	No																				
	40	120	ZC	10YR	6	3	Pale	10YR	5	8	Ochreous	10YR	5	2	Greyish	0	CP	SPL	Gleyed										Figure 7	III	3b	moderate							
																		No	No																				
D.49	0	20	HCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No																				
																		No	No										WC1	I	2			-67.5	-59	4	4	4	Droughtiness
																		No	No																				
D.50	0	20	HCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No																				
																		No	No										WC1	I	2			-67.5	-59	4	4	4	Droughtiness
																		No	No																				
D.52	Non-Agricultural																																						
	0	28	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No																				
	28	75	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL	No																				
75	120	ZC	5Y	7	1	Greyish	7.5YR	6	8	Ochreous	GLE1	7	1	Greyish	0	CP	SPL	Gleyed	Figure 7										IV	3b	poor	poor	23.06	8.6	2	2	3b	Wetness	
D.53	0	28	HCL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No																				
	38	82	C	10YR	5	4	Brownish	5YR	6	8	Ochreous	n/a	n/a	n/a	-	5	CP	SPL	No																				
	82	120	ZC	5Y	7	1	Greyish	7.5YR	6	8	Ochreous	GLE1	7	1	Greyish	0	CP	SPL	Gleyed										Figure 7	IV	3b	poor	poor	10.37	-4	2	2	3b	Wetness
D.54	0	35	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No																				
	35	40	ZC	10YR	6	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	0	CAB	SPL	Gleyed										Figure 7	IV	3b	moderate							
																		No	No																				
D.55	0	32	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No																				
	32	46	ZC	10YR	6	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	0	CAB	SPL	Gleyed										Figure 7	IV	3b	moderate							
																		No	No																				
D.56	0	32	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No																				
	32	59	ZC	10YR	6	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	0	CAB	SPL	Gleyed										Figure 7	IV	3b	moderate							
																		No	No																				
D.57	0	25	HCL	10YR	4	3	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MAB	No	No																				
	25	120	ZC	10YR	6	3	Pale	10YR	5	8	Ochreous	10YR	5	2	Greyish	0	CP	SPL	Gleyed										Figure 7	IV	3b	moderate							
																		No	No																				
D.58	0	32	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No																				
																		No	No										WC1	I	2								
																		No	No																				
D.59	0	34	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No																				
																		No	No										WC1	I	2								
																		No	No																				
D.60	0	19	HCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No																				
																		No	No										WC1	I	2								
																		No	No																				
D.61	0	30	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No																				
	30	50	HCL	10YR	6	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	0	CAB	SPL	Gleyed										Figure 7	IV	3b	moderate							
																		No	No																				
D.62	Non-Agricultural																																						
	0	35	HCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No																				
																			No										No	WC1	I	2							
																		No	No																				
D.64	0	25	HCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No																				
	25	120	HCL	10YR	6	3	Pale	10YR	6	8</																													

[illegible]

[illegible]

Auger Sample	Top depth (cm)	Bottom depth (cm)	Texture	Matrix			Mottles 1			Mottles 2			Stones %	Structure	SPL	GLEVING	Figure	Wetness class	Wetness Grade	condition	MB		Drought Grade		Overriding Limitation																						
				Hue	v	c	colour	Hue	v	c	colour	Hue									v	c	colour	WHT		POT	Wht	Pot																			
E.1	No Access - Extrapolated																							3b	Wetness																						
E.2	0	30	30 MCL	10YR	4	2	Greyish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	MAB	No	No	Figure 7	IV	3b	poor	25.4	11.3	2	1	3b	Wetness																		
	30	120	C	10YR	5	3	Pale	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	CP	No	Gleyed																												
E.3	0	28	28 MCL	10YR	4	2	Greyish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	MAB	No	No	Figure 7	IV	3b	poor	24.4	10.3	2	1	3b	Wetness																		
	28	120	C	10YR	5	3	Pale	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	CP	SPL Gleyed																													
E.4	0	25	25 MCL	10YR	4	2	Greyish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	MAB	No	No	Figure 7	IV	3b	poor	22.9	8.8	2	2	3b	Wetness																		
	25	120	C	10YR	5	3	Pale	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	CP	SPL Gleyed																													
E.5	0	25	25 MCL	10YR	4	2	Greyish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	MAB	No	No	WC1	I	1		-58.6	-49.7	4	3b	4	Droughtiness																		
																100	No	No																													
E.6	0	25	25 MCL	10YR	4	2	Greyish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	MAB	No	No	WC1	I	1		-58.6	-49.7	4	3b	4	Droughtiness																		
																100	No	No																													
E.7	0	23	23 MCL	10YR	4	2	Greyish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	MAB	No	No	WC1	I	1		-62.2	-53.3	4	3b	4	Droughtiness																		
																100	No	No																													
E.8	0	30	30 MCL	10YR	4	2	Greyish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1		-49.6	-40.7	3b	3b	3b	Droughtiness																		
																100	No	No																													
E.9	0	22	22 MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1		-64	-55.1	4	4	4	Droughtiness																		
																100	No	No																													
E.10	Non-Agricultural																																														
E.11	0	27	27 MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	MAB	No	No	WC1	I	1		-55	-46.1	4	3b	4	Droughtiness																		
																100	No	No																													
E.12	0	31	31 MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	MAB	No	No	WC1	I	1		-47.8	-38.9	3b	3b	3b	Droughtiness																		
																100	No	No																													
E.13	0	32	32 MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	MAB	No	No	WC1	I	1		-46	-37.1	3b	3b	3b	Droughtiness																		
																100	No	No																													
E.14	0	25	25 MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	31.4	22.3	1	1	3b	Wetness																		
	25	100	HCL	10YR	5	3	Pale	10YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL	Gleyed																												
E.15	Non-Agricultural																																														
E.16	0	40	40 MCL	10YR	4	2	Greyish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 8	III	3a	poor	9.4	16.3	2	1	3a	Wetness																		
	40	90	C	10YR	5	3	Pale	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	CP	SPL	Gleyed																												
E.17	0	27	27 MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	poor	6.4	9.8	2	2	3b	Wetness																		
	27	95	C	10YR	5	3	Pale	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	CP	SPL	Gleyed																												
E.18	0	34	34 MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	CSAB	No	No	WC1	I	1		-42.4	-33.5	3b	3b	3b	Droughtiness																		
																100	No	No																													
E.19	0	32	32 MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	42.8	23.7	1	1	3b	Wetness																		
	32	110	HCL	10YR	5	3	Pale	10YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL	Gleyed																												
E.20	0	35	35 MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	38.4	24.3	1	1	3b	Wetness																		
	35	105	HCL	10YR	5	3	Pale	10YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL	Gleyed																												
E.21	0	38	38 MCL	10YR	4	2	Greyish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	moderate	29	24.9	2	1	3b	Wetness																		
	38	95	HCL	10YR	5	3	Pale	10YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CP	SPL	Gleyed																												
E.22	0	26	26 MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	31.6	22.5	1	1	3b	Wetness																		
	26	100	HCL	10YR	5	3	Pale	10YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL	Gleyed																												
E.23	0	33	33 MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	38	23.9	1	1	3b	Wetness																		
	33	105	HCL	10YR	5	3	Pale	10YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL	Gleyed																												
E.24	0	37	37 MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	33.8	24.7	1	1	3b	Wetness																		
	37	100	HCL	10YR	5	3	Pale	10YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL	Gleyed																												
E.25	0	30	30 MCL	10YR	4	4	Brownish	n/a	n/a	n/a	-	n/a	n/a	n/a	-	0	MAB	No	No	WC1	I	1		-49.6	-40.7	3b	3b	3b	Droughtiness																		
																100	No	No																													
E.26	0	28	28 MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	42	22.9	1	1	3b	Wetness																		
	28	110	HCL	10YR	5	3	Pale	10YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL	Gleyed																												
E.27	0	32	32 MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	52.8	23.7	1	1	3b	Wetness																		
	32	120	HCL	10YR	5	3	Pale	10YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL	Gleyed																												
E.28	0	33	33 MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	33	23.9	1	1	3b	Wetness																		
	33	100	HCL	10YR	5	3	Pale	10YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL	Gleyed																												
E.29	0	35	35 MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	38.4	24.3	1	1	3b	Wetness																		
	35	105	HCL	10YR	5	3	Pale	10YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL	Gleyed																												
E.30	0	15	15 MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	FSAB	No	No	WC1	I	1		-76.6	-67.7	4	4	4	Droughtiness																		
																100	No	No																													
E.31	0	34	34 MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	48.68	21.4	1	1	3b	Wetness																		
	34	120	HCL	10YR	5	3	Pale	10YR	6	6	Ochreous	n/a	n/a	n/a	-	5	CAB	SPL	Gleyed																												
E.32	0	35	35 MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	33.4	24.3	1	1	3b	Wetness																		
	35	100	HCL	10YR	5	3	Pale	10YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL	Gleyed																												

Auger Sample	Top depth (cm)	Bottom depth (cm)	Texture	Matrix			Mottles 1				Mottles 2				Stones%	Structure	SPL	GLEWING	Figure	Wetness class	Wetness Grade	condition	MB		Drought Grade		Overriding Limitation	
				Hue	v	c	colour	Hue	v	c	colour	Hue	v	c									colour	WHT	POT	Wht		Pot
F.1	0	38	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	poor	-17.1	0	3a	2	3b	Wetness
	38	60	ZC	10YR	4	2	Greyish	10YR	6	6	Ochreous	2.5Y	6	1	Greyish	0	WCP	SPL										
F.2	0	30	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	WC1	I	2		-52.2	-41	4	3b	4	Droughtiness
															100	No	No											
F.3	0	42	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 8	III	3b	poor	-11.6	8.4	3a	2	3b	Wetness
	42	65	ZC	10YR	4	2	Greyish	10YR	6	6	Ochreous	2.5Y	6	1	Greyish	0	WCP	SPL										
F.4	0	34	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	WC1	I	2		-45.4	-34	3b	3b	3b	Droughtiness
															100	No	No											
F.5	0	32	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	WC1	I	2		-48.8	-37	3b	3b	3b	Droughtiness
															100	No	No											
F.6	0	31	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	2		-47.9	-39	3b	3b	3b	Droughtiness
															100	No	No											
F.7	0	30	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	WC1	I	2		-52.2	-41	4	3b	4	Droughtiness
															100	No	No											
F.8	0	38	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	poor	-15.7	2.4	3a	2	3b	Wetness
	38	62	ZC	10YR	4	2	Greyish	10YR	6	6	Ochreous	2.5Y	6	1	Greyish	0	WCP	SPL										
F.9	0	29	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	-8.03	7.73	3a	2	3b	Wetness
	29	62	HCL	10YR	5	2	Greyish	10YR	6	6	Ochreous	n/a	n/a	n/a	-	5	CAB	SPL										
F.10	0	21	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	45.02	17.7	1	1	3b	Wetness
	21	120	HCL	10YR	5	2	Greyish	10YR	6	6	Ochreous	n/a	n/a	n/a	-	5	CAB	SPL										
F.11	0	34	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	29.55	21.3	2	1	3b	Wetness
	34	100	HCL	10YR	5	2	Greyish	10YR	6	6	Ochreous	n/a	n/a	n/a	-	5	CAB	SPL										
F.12	0	28	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	2		-53.3	-44	4	3b	4	Droughtiness
															100	No	No											
F.13	0	22	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	50.72	21.6	1	1	3b	Wetness
	22	120	HCL	10YR	5	2	Greyish	10YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL										
F.14	0	20	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	50.32	21.2	1	1	3b	Wetness
	20	120	HCL	10YR	5	2	Greyish	10YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL										
F.15	0	24	ZC	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	CSAB	No	No	Figure 7	IV	3b	poor	-24	-7.2	3b	2	3b	Wetness
	24	60	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	WCP	SPL										
F.16	0	20	ZC	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	poor	-25.1	-11	3b	3a	3b	Wetness
	20	58	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	WCP	SPL										
F.17	0	22	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	moderate	50.72	21.6	1	1	3b	Wetness
	22	120	HCL	10YR	5	2	Greyish	10YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL										
F.18	0	22	ZC	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	poor	-24.3	-11	3b	3a	3b	Wetness
	22	58	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	WCP	SPL										
F.19	0	25	ZC	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	CSAB	No	No	Figure 7	IV	3b	poor	-23.7	-6.8	3b	2	3b	Wetness
	25	60	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	WCP	SPL										
F.20	0	20	ZC	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	poor	-20.2	-2.3	3b	2	3b	Wetness
	20	65	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	CP	SPL										
F.21	0	38	ZC	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	poor	-20	-8.1	3a	2	3b	Wetness
	38	55	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	CP	SPL										
F.22	0	22	ZC	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	CSAB	No	No	Figure 7	IV	3b	poor	-24.6	-8	3b	2	3b	Wetness
	22	60	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	WCP	SPL										
F.23	0	25	ZC	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	poor	-21.7	-6.8	3b	2	3b	Wetness
	25	60	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	WCP	SPL										
F.24	0	42	ZC	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	WC1	I	3a		-32.3	-23	3b	3a	3b	Droughtiness
															100	No	No											
F.25	0	35	ZC	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	poor	-17.7	-2.8	3a	2	3b	Wetness
	35	60	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	CP	SPL										
F.26	0	37	ZC	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	poor	-11.3	8.4	3a	2	3b	Wetness
	37	68	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	CP	SPL										

Auger Sample	Top depth (cm)	Bottom depth (cm)	Texture	Matrix			Mottles 1			Mottles 2			Streak%	Structure	SPL	GLEWING	Figure	Wetness class	Wetness Grade	condition	MB		Drought Grade		Overriding Limitation				
				Hue	v	c	colour	Hue	v	c	colour	Hue									v	c	colour	WHT		POT	Wht	Pot	
G.1	0	20	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	moderate	-8.52	16	3a	1	3b	Wetness	
	70	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CSAB	SPL	Gleyed											
															100	No	No												
G.2	0	20	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	moderate	-5.32	16	3a	1	3b	Wetness	
	74	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CSAB	SPL	Gleyed											
	20														100	No	No												
G.3	0	22	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	moderate	-4.09	16.6	3a	1	3b	Wetness	
	75	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CSAB	SPL	Gleyed											
	22														100	No	No												
G.4	0	23	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	moderate	-3.87	16.9	3a	1	3b	Wetness	
	75	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CSAB	SPL	Gleyed											
	23														100	No	No												
G.5	0	10	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	poor	-62.7	-53	4	3b	4	Droughtiness	
	30	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CAB	SPL	Gleyed											
	10														100	No	No												
G.6	Non-Agricultural																												
G.7	0	12	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	moderate	-56.2	-46	4	3b	4	Droughtiness	
	12	30	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CSAB	SPL											Gleyed
															100	No	No												
G.8	0	36	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	moderate	-17.1	-1.7	3a	2	3b	Wetness	
	36	55	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CSAB	SPL											Gleyed
															100	No	No												
G.9	0	36	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	moderate	-13.1	5.8	3a	2	3b	Wetness	
	36	60	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CSAB	SPL											Gleyed
															100	No	No												
G.10	0	38	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	moderate	-15.1	1.9	3a	2	3b	Wetness	
	38	57	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CSAB	SPL											Gleyed
															100	No	No												
G.11	0	10	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	poor	-60.3	-51	4	3b	4	Droughtiness	
	10	32	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CAB	SPL											Gleyed
															100	No	No												
G.12	0	11	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	poor	-62.2	-52	4	3b	4	Droughtiness	
	11	30	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CAB	SPL											Gleyed
															100	No	No												
G.13	0	12	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	poor	-61.6	-52	4	3b	4	Droughtiness	
	12	30	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CAB	SPL											Gleyed
															100	No	No												
G.14	0	12	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	poor	-59.2	-49	4	3b	4	Droughtiness	
	12	32	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CAB	SPL											Gleyed
															100	No	No												
G.15	0	15	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	poor	-58.6	-49	4	3b	4	Droughtiness	
	15	32	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	5	CAB	SPL											Gleyed
															100	No	No												
G.16	0	38	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	moderate	-14.3	3.4	3a	2	3b	Wetness	
	38	58	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CSAB	SPL											Gleyed
															100	No	No												
G.17	0	40	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 8	III	3b	moderate	-8.22	14.5	3a	1	3b	Wetness	
	40	65	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CSAB	SPL											Gleyed
															100	No	No												
G.18	0	41	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 8	III	3b	poor	-10.8	4	3a	2	3b	Wetness	
	41	62	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CAB	SPL											Gleyed
															100	No	No												
G.19	0	42	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 8	III	3b	poor	-15.1	-3.8	3a	2	3b	Wetness	
	42	55	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CAB	SPL											Gleyed
															100	No	No												
G.20	Non-Agricultural																												
G.21	Non-Agricultural																												
G.22	0	10	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	poor	-50.7	-41	4	3b	4	Droughtiness	
	10	40	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CAB	SPL											Gleyed
															100	No	No												
G.23	0	13	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	poor	-41.9	-32	3b	3b	3b	Wetness	
	13	46	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CAB	SPL											Gleyed
															100	No	No												
G.24	0	20	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	WC1	I	2		-69.5	-59	4	4	4	Droughtiness	
															100	No	No												
																No	No												
G.25	0	10	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	poor	-63.8	-54	4	3b	4	Droughtiness	
	10	30	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	5	CAB	SPL											Gleyed
															100	No	No												
G.26	0	10	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	WC1	I	2		-86.7	-77	4	4	4	Droughtiness	
															100	No	No												
																No	No												
G.27	0	41	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 8	III	3b	poor	-15.7	-4.4	3a	2	3b	Wetness	
	41	55	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CAB	SPL											Gleyed
															100	No	No												
G.28	0	43	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 8	III	3b	poor	-12.4	0.4	3a	2	3b	Wetness	
	43	58	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CAB	SPL											Gleyed
															100	No	No												
G.29	0	45	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 8	III	3b	poor	-7.72	7.6	3a	2	3b	Wetness	
	45	63	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CAB	SPL											Gleyed
															100	No	No												
G.30	0	45	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 8	III	3b	poor	-6.32	10	3a	2	3b	Wetness	
	45	65	2C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10Yr	6	1	Greyish	0	CAB	SPL											Gleyed
															100	No	No												
G.31	No Access, Livestock -																												

[illegible]

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G.116	41	75	HCL	10YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	15	CP	No	No	WC1	I	1	moderate	0.307	18.7	3a	1	3a	Droughtiness
	0	30	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No										
G.117	30	65	HCL	10YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CP	No	No	WC1	I	1	moderate	-5.37	15	3a	1	3a	Droughtiness
	0	43	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No										
G.118	43	79	HCL	10YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CP	No	No	WC1	I	1	moderate	10.13	25.6	2	1	2	Droughtiness
	0	45	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.119	45	60	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL	Gleyed	Figure 8	III	3b	poor	-9.32	5.5	3a	2	3b	Wetness
	0	41	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.120	41	80	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	WCP	SPL	Gleyed	Figure 8	III	3b	poor	2.68	16.5	3a	1	3b	Wetness
	0	45	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.121	45	100	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	WCP	SPL	Gleyed	Figure 7	III	3b	poor	18.68	18.5	2	1	3b	Wetness
	0	44	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.122	44	100	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	WCP	SPL	Gleyed	Figure 7	III	3b	poor	18.18	18	2	1	3b	Wetness
	0	44	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.123	44	87	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	WCP	SPL	Gleyed	Figure 8	III	3b	poor	9.08	18	2	1	3b	Wetness
	0	45	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.124	45	70	C	10YR	4	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	WCP	No	No	WC1	I	1	poor	-2.32	18.5	3a	1	3a	Droughtiness
	0	45	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.125	45	70	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	2.5Y	6	1	Greyish	0	WCP	SPL	Gleyed	Figure 8	III	3a	poor	-2.32	18.5	3a	1	3a	Wetness
G.126	Non-Agricultural																												
G.127	Non-Agricultural																												
G.128	0	40	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	CSAB	No	No	WC1	I	1	poor	-21	-6.2	3b	2	3b	Droughtiness
	40	55	C	10YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	15	CP	No	No										
G.129	40	53	2C	10YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	WC1	I	1	moderate	-14.4	-3.5	3a	2	3a	Droughtiness
	0	35	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No										
G.130	35	55	C	10YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	WCP	No	No	WC1	I	1	poor	-20.8	-6	3b	2	3b	Droughtiness
	0	30	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No										
G.131	30	65	C	10YR	5	2	Greyish	10YR	6	6	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL	Gleyed	Figure 7	IV	3b	poor	-15.9	4.5	3a	2	3b	Wetness
	0	30	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No										
G.132	30	60	C	10YR	5	2	Greyish	10YR	6	6	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL	Gleyed	Figure 7	IV	3b	poor	-19.4	-2	3a	2	3b	Wetness
	0	25	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No										
G.133	5	50	C	10YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	WCP	No	No	WC1	I	1	poor	-2.44	8.5	3a	2	3a	Droughtiness
	0	45	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.134	45	78	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	WCP	SPL	Gleyed	Figure 8	III	3b	poor	3.28	18.5	3a	1	3b	Wetness
	0	44	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.135	44	80	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	10YR	7	2	Greyish	0	WCP	SPL	Gleyed	Figure 8	III	3b	poor	4.18	18	3a	1	3b	Wetness
	0	45	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.136	45	100	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	2.5Y	6	1	Greyish	0	WCP	SPL	Gleyed	Figure 7	III	3a	poor	18.68	18.5	2	1	3a	Wetness
	0	47	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.137	47	110	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	2.5Y	6	1	Greyish	0	WCP	SPL	Gleyed	Figure 7	III	3a	poor	26.68	19.5	2	1	3a	Wetness
	0	45	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.138	45	110	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	2.5Y	6	1	Greyish	0	WCP	SPL	Gleyed	Figure 7	III	3a	poor	25.68	18.5	2	1	3a	Wetness
	0	43	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.139	43	105	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	2.5Y	6	1	Greyish	0	WCP	SPL	Gleyed	Figure 7	III	3a	poor	21.18	17.5	2	1	3a	Wetness
	0	44	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.140	44	100	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	2.5Y	6	1	Greyish	0	WCP	SPL	Gleyed	Figure 7	III	3a	poor	18.18	18	2	1	3a	Wetness
	0	40	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No										
G.141	40	53	HCL	10YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CP	No	No	WC1	I	1	moderate	-16.2	-2.2	3a	2	3a	Droughtiness
	0	35	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No										
G.142	35	50	HCL	10YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CP	No	No	WC1	I	1	moderate	-19.8	-8	3a	2	3a	Droughtiness
	0	30	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No										
G.143	30	70	HCL	10YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CP	No	No	WC1	I	1	moderate	-0.37	23	3a	1	3a	Droughtiness
	0	30	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No										
G.144	30	60	HCL	10YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CP	No	No	WC1	I	1	moderate	-10.4	7	3a	2	3a	Droughtiness
	0	40	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No										
G.145	40	60	HCL	10YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CP	No	No	WC1	I	1	moderate	-9.22	9	3a	2	3a	Droughtiness
	0	35	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No										
G.146	35	78	HCL	10YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CP	No	No	WC1	I	1	moderate	8.205	24	2	1	2	Droughtiness
	0	45	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.147	45	80	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	2.5Y	6	1	Greyish	0	WCP	SPL	Gleyed	Figure 8	III	3a	poor	4.68	18.5	3a	1	3a	Wetness
	0	45	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.148	45	95	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	2.5Y	6	1	Greyish	0	WCP	SPL	Gleyed	Figure 8	III	3a	poor	15.18	18.5	2	1	3a	Wetness
	0	47	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.149	47	100	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	2.5Y	6	1	Greyish	0	WCP	SPL	Gleyed	Figure 7	III	3a	poor	19.68	19.5	2	1	3a	Wetness
	0	46	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.150	46	110	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	2.5Y	6	1	Greyish	0	WCP	SPL	Gleyed	Figure 7	III	3a	poor	26.18	19	2	1	3a	Wetness
	0	43	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.151	43	105	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	2.5Y	6	1	Greyish	0	WCP	SPL	Gleyed	Figure 7	III	3a	poor	21.18	17.5	2	1	3a	Wetness
	0	40	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No										
G.152	40	105	C	10YR	4	2	Greyish	10YR	6	6	Ochreous	2.5Y	6	1	Greyish	0	WCP	SPL	Gley										

[illegible]

G.191																No	No	WC1	I	1		-46.2	-37	3b	3b	Droughtiness	
	0	30	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No				No						
															100	No	No										
G.192																No	No	WC1	I	1		-49.8	-41	3b	3b	Droughtiness	
	0	30	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No				No						
G.193																No	No	WC1	I	1	poor	-20.3	-8.5	3b	2	3b	Droughtiness
	30	55	C	10YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CP	No				No						
G.194																No	No	WC1	I	1	moderate	-7.82	7	3a	2	3a	Droughtiness
	0	30	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No				No						
G.195																No	No	Figure 7	IV	3b	moderate	-2.22	15.6	3a	1	3b	Wetness
	33	65	HCL	10YR	5	2	Greyish	10YR	6	8	Ochreous	10YR	6	2	Greyish	0	CP				SPL	Gleyed					
G.196																No	No	Figure 7	IV	3b	moderate	8.18	24	2	1	3b	Wetness
	0	35	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No				No						
G.197																No	No	Figure 7	IV	3b	poor	-1.82	12	3a	1	3b	Wetness
	32	80	C	10YR	5	2	Greyish	10YR	6	8	Ochreous	10YR	6	2	Greyish	0	CP				SPL	Gleyed					
G.198																No	No	Figure 7	IV	3b	poor	-6.32	11	3a	1	3b	Wetness
	0	30	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No				No						
G.199																No	No	WC1	I	1	moderate	-25.8	-17	3b	3a	3b	Droughtiness
	30	45	HCL	10YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CP	No				No						
G.200																No	No	WC1	I	1	moderate	-12.8	-1	3a	2	3a	Droughtiness
	0	32	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No				No						
G.201																No	No	WC1	I	1	moderate	-12.4	-0.6	3a	2	3a	Droughtiness
	32	55	HCL	10YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CP	No				No						
G.202																No	No	WC1	I	1	moderate	30.58	39.4	1	1	1	Wetness
	0	32	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No				No						
G.203																No	No	WC1	I	1	moderate	-34.8	-26	3b	3a	3b	Droughtiness
	25	40	HCL	10YR	5	2	Greyish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CP	No				No						

Auger Sample	Top depth (cm)	Bottom depth (cm)	Texture	Matrix			colour	Mottles 1			colour	Mottles 2			colour	Stones%	Structure	SPL	GLEYING	Figure	Wetness class	Wetness Grade	condition	WHT	POT	MB	Drought Grade	Overriding Limitation	
				Hue	v	c		Hue	v	c		Hue	v	c															
H.1	0	40	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1	good	74.51	26	1	1	1	Wetness
	40	120	MSL	7.5YR	6	4	Pale	10YR	7	6	n/a	n/a	n/a	n/a	-	0	FSAB	No	No										
H.2	0	50	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1	good	75.51	27	1	1	1	Wetness
	50	120	MSL	7.5YR	6	4	Pale	10YR	7	6	n/a	n/a	n/a	n/a	-	0	FSAB	No	No										
H.3	0	20	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1							
															100		No	No											
H.4	0	30	HCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	moderate	47.96	21	1	1	3b	Wetness
	30	120	HCL	7.5YR	5	4	Brownish	10YR	6	6	Ochreous	7.5YR	6	2	Greyish	0	CSAB	SPL	No										
H.5	0	32	HCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	moderate	48.19	21.4	1	1	3b	Wetness
	32	120	HCL	7.5YR	5	4	Brownish	10YR	6	6	Ochreous	7.5YR	6	2	Greyish	0	CSAB	SPL	No										
H.6	0	60	HCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 8	II	3a	moderate	30.26	27	1	1	3a	Wetness
	60	110	HCL	7.5YR	5	4	Brownish	10YR	6	6	Ochreous	7.5YR	6	2	Greyish	0	CSAB	SPL	No										
H.7	0	35	HCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	moderate	48.54	22	1	1	3b	Wetness
	35	120	HCL	7.5YR	5	4	Brownish	10YR	6	6	Ochreous	7.5YR	6	2	Greyish	0	CSAB	SPL	No										
H.8	0	25	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	WC1	I	1	poor	-25.6	-10	3b	2	2	Droughtiness
	25	60	HCL	10YR	5	3	Pale	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No										
H.9	0	35	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	poor	-13.5	8.03	3a	2	3b	Wetness
	35	70	HCL	10YR	5	3	Pale	10YR	6	6	Ochreous	2.5Y	7	1	Greyish	0	CAB	SPL	Gleyed										
H.10	0	35	HCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	moderate	48.54	22	1	1	3b	Wetness
	35	120	HCL	7.5YR	5	4	Brownish	10YR	6	6	Ochreous	7.5YR	6	2	Greyish	0	CSAB	SPL	No										
H.11	0	36	HCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	moderate	48.65	22.2	1	1	3b	Wetness
	36	120	HCL	7.5YR	5	4	Brownish	10YR	6	6	Ochreous	7.5YR	6	2	Greyish	0	CSAB	SPL	No										
H.12	0	39	HCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	III	3b	moderate	52.31	22.8	1	1	3b	Wetness
	39	120	HCL	7.5YR	5	4	Brownish	10YR	6	6	Ochreous	7.5YR	6	2	Greyish	0	CSAB	SPL	No										
H.13	0	38	HCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	52.11	22.6	1	1	3b	Wetness
	38	120	HCL	7.5YR	5	4	Brownish	10YR	6	6	Ochreous	7.5YR	6	2	Greyish	0	CSAB	SPL	No										
H.14	0	22	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	-22.5	-8	3b	2	3b	Wetness
	22	60	C	10YR	5	3	Pale	10YR	6	6	Ochreous	2.5Y	7	1	Greyish	0	WCP	SPL	Gleyed										
H.15	0	26	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	-17	0.53	3a	2	3b	Wetness
	26	65	C	10YR	5	3	Pale	10YR	6	6	Ochreous	2.5Y	7	1	Greyish	0	WCP	SPL	Gleyed										
H.16	0	33	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	poor	-14.5	6.83	3a	2	3b	Wetness
	33	70	HCL	10YR	5	3	Pale	10YR	6	6	Ochreous	2.5Y	7	1	Greyish	0	CAB	SPL	Gleyed										
H.17	0	25	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	WC1	I	1	poor	-32.6	-22	3b	3a	3a	Droughtiness
	25	50	HCL	10YR	5	3	Pale	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No										
H.18	0	23	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	WC1	I	1	poor	-30.1	-17	3b	3a	3a	Droughtiness
	23	55	HCL	10YR	5	3	Pale	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No										
H.19	0	25	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	FSAB	No	No	WC1	I	1		-60.5	-52	4	3b	3b	Droughtiness
															100		No	No											
H.20	0	34	HCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	51.31	21.8	1	1	3b	Wetness
	34	120	HCL	7.5YR	5	4	Brownish	10YR	6	6	Ochreous	7.5YR	6	2	Greyish	0	CSAB	SPL	No										
H.21	0	35	HCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	51.51	22	1	1	3b	Wetness
	35	120	HCL	7.5YR	5	4	Brownish	10YR	6	6	Ochreous	7.5YR	6	2	Greyish	0	CSAB	SPL	No										
H.22	0	33	HCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	51.11	21.6	1	1	3b	Wetness
	33	120	HCL	7.5YR	5	4	Brownish	10YR	6	6	Ochreous	7.5YR	6	2	Greyish	0	CSAB	SPL	No										
H.23	0	25	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	-16.1	2.63	3a	2	3b	Wetness
	25	67	C	10YR	5	3	Pale	10YR	6	6	Ochreous	2.5Y	7	1	Greyish	0	WCP	SPL	Gleyed										
H.24	0	27	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	-11.6	7.53	3a	2	3b	Wetness
	27	72	C	10YR	5	3	Pale	10YR	6	6	Ochreous	2.5Y	7	1	Greyish	0	WCP	SPL	Gleyed										
H.25	0	28	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	WC1	I	1	poor	-17.1	3.83	3a	2	2	Droughtiness
	28	70	HCL	10YR	5	3	Pale	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No										
H.26	0	28	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	WC1	I	1	poor	-18.5	1.43	3a	2	2	Droughtiness
	28	68	HCL	10YR	5	3	Pale	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No										
H.27	0	28	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	-16	1.53	3a	2	3b	Wetness
	28	65	C	10YR	5	3	Pale	10YR	6	6	Ochreous	2.5Y	7	1	Greyish	0	WCP	SPL	Gleyed										
H.28	0	30	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	-22	-10	3b	3a	3b	Wetness
	30	55	C	10YR	5	3	Pale	10YR	6	6	Ochreous	2.5Y	7	1	Greyish	0	WCP	SPL	Gleyed										
H.29	0	22	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	-32.1	-24	3b	3a	3b	Wetness
	22	48	C	10YR	5	3	Pale	10YR	6	6	Ochreous	2.5Y	7	1	Greyish	0	WCP	SPL	Gleyed										
H.30	0	29	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	-43.5	-35	3b	3b	3b	Wetness
	20	40	C	10YR	5	3	Pale	10YR	6	6	Ochreous	2.5Y	7	1	Greyish	0	WCP	SPL	Gleyed										
H.31	0	33	HCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	2	moderate	51.11	21.6	1	1	2	Wetness
	33	120	HCL	10YR	5	3	Pale	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No										
H.32	0	29	HCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	2	moderate						
	29	120	HCL	10YR	5	3	Pale	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No										
H.33	0	25	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	-12.6	6.53	3a	2	3b	Wetness
	25	72	C	10YR	5	3	Pale	10YR	6	6	Ochreous	2.5Y	7	1	Greyish	0	WCP	SPL	Gleyed										
H.34	0	26	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No</											

[illegible]

Auger Sample	Top depth (cm)	Bottom depth (cm)	Texture	Matrix			Mottles 1			Mottles 2			Stones %	Structure	SPL	GLEWING	Figure	Wetness class	Wetness Grade	condition	MB		Drought Grade		Overriding Limitation					
				Hue	v	c	colour	Hue	v	c	colour	Hue	v	c	colour						WHT	POT	Wht	Pot						
L1	Non-Agricultural																													
L2	Non-Agricultural																													
L3	Non-Agricultural																													
L4	Non-Agricultural																													
L5	0	30	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	2	MSAB	No	No	Figure 7	IV	3b	poor	18.59	6.92	2	2	3b	Wetness		
	30	60	C	10YR	4	3	Brownish	10YR	5	6	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL											No	poor
	60	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	10	CP	SPL											Gleyed	poor
L6	0	29	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	2	MSAB	No	No	Figure 7	IV	3b	poor	20.07	6.97	2	2	3b	Wetness		
	29	60	C	10YR	4	3	Brownish	10YR	5	6	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL											No	poor
	60	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	5	CP	SPL											Gleyed	poor
L7	0	30	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	2	MSAB	No	No	Figure 7	IV	3b	poor	20.48	7.16	2	2	3b	Wetness		
	30	58	C	10YR	4	3	Brownish	10YR	5	6	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL											No	poor
	58	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	5	CP	SPL											Gleyed	poor
L8	0	31	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	2	MSAB	No	No	Figure 7	IV	3b	poor	21.17	8.75	2	2	3b	Wetness		
	31	65	C	10YR	4	3	Brownish	10YR	5	6	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL											No	poor
	65	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	5	CP	SPL											Gleyed	poor
L9	0	31	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	24.01	8.72	2	2	3b	Wetness		
	31	62	C	10YR	4	3	Brownish	10YR	5	6	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL											No	poor
	62	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	0	CP	SPL											Gleyed	poor
L10	0	32	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	24.51	9.02	2	2	3b	Wetness		
	32	60	C	10YR	4	3	Brownish	10YR	5	6	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL											No	poor
	60	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	0	CP	SPL											Gleyed	poor
L11	0	30	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	poor	23.51	7.52	2	2	3b	Wetness		
	30	55	C	10YR	4	3	Brownish	10YR	5	6	Ochreous	n/a	n/a	n/a	-	0	CSAB	SPL											No	poor
	55	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	0	CP	SPL											Gleyed	poor
L12	0	33	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	moderate	30.81	16.4	1	1	3b	Wetness		
	33	57	C	7.5YR	4	3	Brownish	10YR	5	6	Ochreous	n/a	n/a	n/a	-	0	CSAB	SPL											No	poor
	57	120	ZC	10YR	3	3	other	10YR	6	8	Ochreous	n/a	n/a	n/a	-	0	CP	SPL											No	poor
L13	0	34	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	moderate	31.81	19.8	1	1	3b	Wetness		
	34	65	C	7.5YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	2	Greyish	0	WCP	SPL											Gleyed	poor
	65	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	0	CP	SPL											Gleyed	poor
L14	0	33	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	2	CSAB	No	No	Figure 7	IV	3b	poor	21.94	8.97	2	2	3b	Wetness		
	33	60	C	10YR	4	3	Brownish	10YR	5	6	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL											No	poor
	60	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	5	CP	SPL											Gleyed	poor
L15	0	32	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	2	MSAB	No	No	Figure 7	IV	3b	poor	21.5	8.62	2	2	3b	Wetness		
	32	61	C	10YR	4	3	Brownish	10YR	5	6	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL											No	poor
	61	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	5	WCP	SPL											Gleyed	poor
L16	0	32	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	2	MSAB	No	No	Figure 7	IV	3b	poor	21.44	8.32	2	2	3b	Wetness		
	32	59	C	10YR	4	3	Brownish	10YR	5	6	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL											No	poor
	59	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	5	WCP	SPL											Gleyed	poor
L17	No Access, Tall & Dense Vegetation - Extrapolated																													
L18	No Access, Tall & Dense Vegetation - Extrapolated																													
L19	0	31	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	22.06	7.97	2	2	3b	Wetness		
	31	60	C	10YR	4	3	Brownish	10YR	5	6	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL											No	poor
	60	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	5	WCP	SPL											Gleyed	poor
L20	0	32	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	50.91	21.4	1	1	3b	Wetness		
	32	57	C	7.5YR	4	3	Brownish	10YR	5	6	Ochreous	n/a	n/a	n/a	-	0	CSAB	SPL											No	poor
	57	120	ZC	10YR	3	3	other	10YR	6	8	Ochreous	n/a	n/a	n/a	-	0	CP	SPL											No	poor
L22	0	35	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	2	MSAB	No	No	Figure 7	IV	3b	poor	24.82	10.3	2	1	3b	Wetness		
	35	58	C	7.5YR	4	3	Brownish	10YR	5	6	Ochreous	n/a	n/a	n/a	-	0	CP	SPL											No	poor
	58	120	ZC	10YR	3	3	other	10YR	6	8	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL											No	poor
L23	0	33	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	81.01	69.3	1	1	3b	Wetness		
	33	58	C	7.5YR	5	4	Brownish	7.5YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL											No	poor
	8	120	ZC	10YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	1	Greyish	0	CAB	SPL											Gleyed	poor
L24	0	33	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	poor	23.06	8.97	2	2	3b	Wetness		
	33	60	C	7.5YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	2	Greyish	0	WCP	SPL											Gleyed	poor
	60	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	5	CP	SPL											Gleyed	poor
L25	0	32	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	poor	22.56	8.47	2	2	3b	Wetness		
	32	60	C	7.5YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	2	Greyish	0	WCP	SPL											Gleyed	poor
	60	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	5	CP	SPL											Gleyed	poor
L26	0	32	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	20.55	7.71	2	2	3b	Wetness		
	32	59	C	10YR	4	3	Brownish	10YR	5	6	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL											No	poor
	59	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	10	WCP	SPL											Gleyed	poor
L27	No Access, Tall & Dense Vegetation - Extrapolated																													
L28	No Access, Tall & Dense Vegetation - Extrapolated																													
L29	No Access, Tall & Dense Vegetation - Extrapolated																													
L30	0	30	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	50.51	21	1	1	3b	Wetness		
	30	120	HCL	7.5YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	2	Greyish	0	CAB	SPL											Gleyed	poor
L31	0	34	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	2	MSAB	No	No	Figure 7	IV	3b	poor	22.34	9.16	2	2	3b	Wetness		
	34	58	C	10YR	4	3	Brownish	10YR	5	6	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL											No	poor
	58	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	5	WCP	SPL											Gleyed	poor
L32	0	32	MCL	10YR	4	4	Brownish	n/a	n/a	n/a																				

I.39	0	33	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	23	8.66	2	2	3b	Wetness
	33	58	C	7.5YR	5	4	Brownish	7.5YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL				No						
	58	120	ZC	10YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	1	Greyish	5	CAB	SPL				Gleyed						
I.40	0	32	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	22.53	8.32	2	2	3b	Wetness
	32	59	C	7.5YR	5	4	Brownish	7.5YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL				No						
	59	120	ZC	10YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	1	Greyish	5	CAB	SPL				Gleyed						
I.41	0	32	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	24.51	9.02	2	2	3b	Wetness
	32	60	C	7.5YR	5	4	Brownish	7.5YR	6	6	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL				No						
	60	120	ZC	10YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	1	Greyish	0	WCP	SPL				Gleyed						
I.42	0	15	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	moderate	-18.8	-3.98	3a	2	3b	Wetness
	15	40	HCL	7.5YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	2	Greyish	0	CSAB	SPL				Gleyed						
	40	60	SC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	0	CP	SPL				Gleyed						
I.43	0	20	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	moderate	40.81	19	1	1	3b	Wetness
	20	90	HCL	10YR	4	3	Brownish	10YR	5	6	Ochreous	10YR	5	2	Greyish	0	CSAB	SPL				No						
	90	120	SC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	0	CP	SPL				Gleyed						
I.44	0	20	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1		-69.5	-61	4	4	4	Droughtiness
																100	No	No				No						
																	No	No				No						
I.45	0	20	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1		-69.5	-61	4	4	4	Droughtiness
																100	No	No				No						
																	No	No				No						
I.46	0	33	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	25.01	9.52	2	2	3b	Wetness
	33	60	C	10YR	4	3	Brownish	10YR	5	6	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL				No						
	60	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	0	WCP	SPL				Gleyed						
I.47	0	34	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	25.51	9.82	2	2	3b	Wetness
	34	58	C	10YR	4	3	Brownish	10YR	5	6	Ochreous	n/a	n/a	n/a	-	0	WCP	SPL				No						
	58	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	0	WCP	SPL				Gleyed						
I.48	0	30	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	23.51	7.52	2	2	3b	Wetness
	30	55	C	7.5YR	5	4	Brownish	7.5YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL				No						
	55	120	ZC	10YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	1	Greyish	0	CAB	SPL				Gleyed						
I.49	0	31	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	24.01	8.32	2	2	3b	Wetness
	31	58	C	7.5YR	5	4	Brownish	7.5YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL				No						
	58	120	ZC	10YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	1	Greyish	0	CAB	SPL				Gleyed						
I.50	0	31	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	24.01	8.42	2	2	3b	Wetness
	31	59	C	7.5YR	5	4	Brownish	7.5YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL				No						
	59	120	ZC	10YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	1	Greyish	0	CAB	SPL				Gleyed						
I.51	0	24	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	-8.69	7.02	3a	2	3b	Wetness
	24	62	HCL	7.5YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	2	Greyish	0	CSAB	SPL				Gleyed						
	62	60	SC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	0	CP	No				Gleyed						
I.52	0	19	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate	-4.69	14	3a	1	3b	Wetness
	19	67	HCL	7.5YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	2	Greyish	0	CSAB	SPL				Gleyed						
	67	60	SC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	0	CP	No				Gleyed						
I.53	0	23	MSZL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 8	III	2	poor	-4.89	3.12	3a	2	3a	Droughtiness
	23	85	ZC	10YR	4	3	Brownish	10YR	5	6	Ochreous	10YR	5	2	Greyish	0	CAB	SPL				No						
																100	No	No				No						
I.54	0	25	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1		-60.5	-52	4	3b	4	Droughtiness
																100	No	No				No						
																	No	No				No						
I.55	0	26	ZC	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	WC1	I	3a		-61.3	-52.8	4	3b	4	Droughtiness
																100	No	No				No						
																	No	No				No						
I.56	0	22	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	poor	19.51	3.62	2	2	3b	Wetness
	22	56	C	7.5YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	2	Greyish	0	WCP	SPL				Gleyed						
	56	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	0	CP	SPL				Gleyed						
I.57	0	28	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CSAB	No	No	Figure 7	IV	3b	poor	22.51	7.02	2	2	3b	Wetness
	28	60	C	7.5YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	2	Greyish	0	WCP	SPL				Gleyed						
	60	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	0	CP	SPL				Gleyed						
I.58	0	30	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	23.51	7.82	2	2	3b	Wetness
	30	58	C	7.5YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	2	Greyish	0	CAB	SPL				Gleyed						
	58	120	ZC	10YR	5	3	Pale	10YR	6	8	Ochreous	10YR	7	2	Greyish	0	CAB	SPL				Gleyed						
I.59	0	30	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	23.51	7.52	2	2	3b	Wetness
	30	55	C	7.5YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	1	Greyish	0	CAB	SPL				Gleyed						
	55	120	ZC	10YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	1	Greyish	0	CAB	SPL				Gleyed						
I.60	0	31	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	24.01	8.32	2	2	3b	Wetness
	31	58	C	7.5YR	5	4	Brownish	7.5YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL				No						
	58	120	ZC	10YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	1	Greyish	0	CAB	SPL				Gleyed						
I.61	0	31	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	24.01	8.52	2	2	3b	Wetness
	31	60	C	7.5YR	5	4	Brownish	7.5YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL				No						
	60	120	ZC	10YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	1	Greyish	0	CAB	SPL				Gleyed						
I.62	0	27	MCL	10YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	poor	22.01	6.52	2	2	3b	Wetness
	27	60	C	7.5YR	5	4	Brownish	7.5YR	6	6	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL				No						
	60	120	ZC	10YR	5	3	Pale	10YR	5	6	Ochreous	10YR	5	1	Greyish	0	CAB	SPL				Gleyed						
I.63	0	32	MSZL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1	poor	-29.1	-20.6	3b	3a	3b	Droughtiness
	32	45	ZC	10YR	4	3	Brownish	10YR	5	6	Ochreous	10YR	5	2	Greyish	0	CAB	No				No						
																100	No	No				No						
I.64	0	28	MCL	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1		-55.1	-46.6	4	3b	4	Droughtiness
																100	No	No				No						
																	No	No				No						
I.65	0	28	ZC	7.5YR	4	4	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No	WC1	I	3a							

[illegible]

[illegible]

[illegible]

Auger Sample	Top depth (cm)	Bottom depth (cm)	Texture	Matrix			Mottles 1			Mottles 2			Stones%	Structure	SPL	GLEING	Figure	Wetness class	Wetness Grade	condition	MB		Drought Grade		Overriding Limitation			
				Hue	v	c	colour	Hue	v	c	colour	Hue									v	c	colour	WHT		POT	Wht	Pot
J.1	0	15	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	10	FSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-79.72				-68.45	4	4	4	Droughtiness		
J.2	0	20	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate						
	20	60	HCL	10YR	5	3	Pale	10YR	6	8	Ochreous	2.5Y	6	2	Greyish	0	CAB	SPL					Gleyed					
															100	No	No	-10.17					4.55	3a	2	3b	Wetness	
J.3	0	19	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate						
	19	60	HCL	10YR	5	3	Pale	10YR	6	8	Ochreous	2.5Y	6	2	Greyish	0	CAB	SPL					Gleyed					
															100	No	No	-10.37					4.35	3a	2	3b	Wetness	
J.4	Non-Agricultural																											
J.5	0	20	SCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	FSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-70.17				-61.45	4	4	4	Droughtiness		
J.6	0	21	SCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	10	FSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-71.83				-59.75	4	4	4	Droughtiness		
J.7	0	21	SCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	10	FSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-71.83				-59.75	4	4	4	Droughtiness		
J.8	0	22	SCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	FSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-66.77				-58.05	4	4	4	Droughtiness		
J.9	0	23	SCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	FSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-65.07				-56.35	4	4	4	Droughtiness		
J.10	0	15	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	10	MSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-79.72				-68.45	4	4	4	Droughtiness		
J.11	0	20	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-68.17				-59.45	4	4	4	Droughtiness		
J.12	0	22	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-64.57				-55.85	4	4	4	Droughtiness		
J.13	0	23	SCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	FSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-65.07				-56.35	4	4	4	Droughtiness		
J.14	0	20	SCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	FSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-65.07				-56.35	4	4	4	Droughtiness		
J.15	0	18	SCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	FSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-73.57				-64.85	4	4	4	Droughtiness		
J.16	0	19	SCL	10YR	3	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	FSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-71.87				-63.15	4	4	4	Droughtiness		
J.17	0	20	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-68.17				-59.45	4	4	4	Droughtiness		
J.18	0	23	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-62.77				-54.05	4	3b	4	Droughtiness		
J.19	0	25	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 8	III	3a	moderate						
	25	70	HCL	10YR	5	4	Brownish	10YR	6	8	Ochreous	2.5Y	6	2	Greyish	0	CP	SPL					No					
															100	No	No	0.83					21.55	3a	1	3a	Wetness	
J.20	0	23	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 8	III	3a	moderate						
	23	70	HCL	10YR	5	4	Brownish	10YR	6	8	Ochreous	2.5Y	6	2	Greyish	0	CP	SPL					No					
															100	No	No	0.43					21.15	3a	1	3a	Wetness	
J.21	0	20	SCL	10YR	3	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	FSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-70.17				-61.45	4	4	4	Droughtiness		
J.22	0	24	SCL	10YR	3	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	FSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-63.37				-54.65	4	3b	4	Droughtiness		
J.23	0	28	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-53.77				-45.05	4	3b	4	Droughtiness		
J.24	0	35	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1	moderate						
	35	40	HCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	CAB	No	No										
															100	No	No	-33.17					-24.45	3b	3a	3b	Droughtiness	
J.25	0	30	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-52.72				-41.45	4	3b	4	Droughtiness		
J.26	0	20	MCL	10YR	3	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 7	IV	3b	moderate						
	20	45	HCL	7.5YR	5	2	Greyish	10YR	6	8	Ochreous	n/a	n/a	n/a	-	0	CAB	SPL					Gleyed					
															100	No	No											
J.27	0	22	MCL	7.5YR	3	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 8	III	3a	poor						
	22	56	C	10YR	4	3	Brownish	10YR	6	8	Ochreous	7.5YR	6	2	Greyish	0	CP	SPL					No					
															100	No	No	-23.97					-11.65	3b	3a	3b	Droughtiness	
J.28	0	23	MCL	10YR	3	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 8	III	3a	poor						
	3	65	C	7.5YR	4	3	Brownish	10YR	6	8	Ochreous	7.5YR	6	2	Greyish	0	CP	SPL					No					
															100	No	No	8.83					26.55	2	1	3a	Wetness	
J.29	0	25	MCL	10YR	3	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 8	III	3a	poor						
	25	68	C	7.5YR	4	3	Brownish	10YR	6	8	Ochreous	7.5YR	6	2	Greyish	0	CP	SPL					No					
															100	No	No	-14.07					5.45	3a	2	3a	Wetness	
J.30	0	25	MCL	10YR	3	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I	1							
															100	No	No											
																No	No	-59.17				-50.45	4	3b	4	Droughtiness		
J.31	0	28	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	WC1	I								

[illegible]

I.77																	100	No	No	No	WC1	I		1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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[illegible]

J.154	0	15	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	-	2	MSAB	No	No	Figure 8	III	3a	poor	-53.68	-44.45	4	3b	4	Droughtiness
	15	35	ZC	7.5YR	4	3	Brownish	10YR	6	8	Ochreous	7.5YR	6	2	Greyish	0	WCP										
J.155	0	15	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 8	III	3a	poor	-47.17	-38.45	3b	3b	3b	Droughtiness
	15	40	ZC	7.5YR	4	3	Brownish	10YR	6	8	Ochreous	7.5YR	6	2	Greyish	0	WCP										
J.156	0	20	MCL	10YR	3	6	Brownish	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	poor	-12.87	0.55	3a	2	3b	Wetness
	20	80	HCL	10YR	6	4	Pale	10YR	6	8	Ochreous	10YR	5	2	Greyish	0	WCP										
J.157	0	30	MCL	10YR	3	6	Brownish	n/a	n/a	n/a	n/a	n/a	-	5	MSAB	No	No	Figure 7	IV	3b	poor	-9.12	6.55	3a	2	3b	Wetness
	30	78	HCL	10YR	6	4	Pale	10YR	6	8	Ochreous	10YR	5	2	Greyish	0	WCP										
J.158	0	30	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 8	III	3a	poor	-24.07	-13.85	3b	3a	3b	Droughtiness
	30	53	ZC	7.5YR	4	3	Brownish	10YR	6	8	Ochreous	7.5YR	6	2	Greyish	0	WCP										
J.159	0	15	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 8	III	3a	poor	-35.17	-26.45	3b	3a	3b	Droughtiness
	15	50	ZC	7.5YR	4	3	Brownish	10YR	6	8	Ochreous	7.5YR	6	2	Greyish	0	WCP										
J.160	0	20	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 8	III	3a	poor	-25.17	-11.45	3b	3a	3b	Droughtiness
	20	60	ZC	7.5YR	4	3	Brownish	10YR	6	8	Ochreous	7.5YR	6	2	Greyish	0	WCP										
J.161	0	20	MCL	10YR	4	6	Brownish	n/a	n/a	n/a	n/a	n/a	-	0	MSAB	No	No	Figure 8	III	3a	poor	-18.17	0.55	3a	2	3a	Wetness
	20	70	ZC	7.5YR	4	3	Brownish	10YR	6	8	Ochreous	7.5YR	6	2	Greyish	0	WCP										

shorthand	Textures
S	Sand
LS	Loamy Sand
SL	Sandy Loam
SZL	Sandy Silty Loam
ZL	Silt Loam
SCL	Sandy Clay Loam
C	Clay
HCL	Heavy Clay Loam
MCL	Medium Clay Loam
ZC	Silty Clay
SC	Sandy Clay
HZCL	Heavy Silty Clay loam
MZCL	Med silty clay loam

Stones	
5	Very Slightly Stony
15	Slightly Stony
35	Moderately stony

Shorthand	Structure
SAB	Subangular Blocky
AB	Angular Blocky
P	Prismatic
Ma	Massive
SG	Single Grain

Shorthand	Condition
F	Fine
M	Medium
C	Coarse
VC	Very Coarse

Shorthand	Mottles
*	No Mottles
X	Grey
O	Ochreous
N	Numerous
F	Few
D	Brown

APPENDIX III

SITE SURVEY PHOTOGRAPHS

Photograph Log WOEP



General View of site



General view of site



General View



surface stones excavated with shovel on shallow bedrock (10-20cm bgl)



Large surface stones



Many surface stones in areas of shallow bedrock

Photograph Log WOEP



B7



A3



A22



A25



C16

Photograph Log WOEP



G167



D11



D119



D102

Photograph Log WOEP



Clay mottling



Clay mottling



Geavy clay loam



Sandy clay



J93

Photograph Log WOEP



Area J silty Clay



Area J HCL



I135



H49

Soil Pit Log: WOEP

Pit Log

///parts.slogged.rehearsed

Noted that area was not currently under agricultural rotation. wet and overgrown ground

0-17cm Heavy Silty Clay Loam 10 YR 4/3, no stones no mottles, medium subangular blocky structure

17-48cm Clay 10YR 4/3, no stones, medium ochreous mottles (10YR 6/8), Course subangular blocky structure, clay is firm and stiff in consistence.

48cm Silty Clay 10YR 6/3, no stones, medium ochreous mottles (10YR 8/8), few fine grey mottles (10YR 7/2). Course Prismatic, clay is firm and stiff in consistence.

Depth to SPL: 17.cm

Depth to Gleying: 48.cm

Wetness Class: III

Wetness grade: 3b

Soil Pit View



MB Wheat:

18

Dr Wheat grade:

2

MB Wheat: 2

DR Pot Grade:

2

Soil Pit Log: West Oxfordshire

Pit Log

///processes.nuance.clay

0-28cm Heavy Clay Loam 10 YR 3/3, no stones no mottles, medium-coarse subangular blocky structure. Very dry conditions

28-120cm Clay 10YR 6/4, no stones, numerous ochreous and grey mottles (10YR 6/6, 10YR 7/1, 10YR 5/1). Course subangular blocky structure, slightly firm in consistence.

Depth to SPL: 28.cm

Depth to Gleying: 28.cm

Wetness Class: IV

Wetness grade: 3b

Soil Pit View



MB Wheat:
52.15

Dr Wheat
grade:
1

MB Wheat: 23.1

DR Pot Grade:
1

Soil Pit Log: West Oxfordshire

Pit Log

///crunchy.warms.energy

0-34cm medium Clay Loam 7.5 YR 4/4, no stones no mottles, medium subangular blocky structure

34cm Heavy Clay Loam 7.5 YR 5/3, 2% stones, medium ochreous mottles (10YR 6/8, 7.5YR 6/6). Course angular blocky structure, slightly firm. Slightly wet

Depth to SPL: 34.cm

Depth to Gleying: 34.cm

Wetness Class: IV

Wetness grade: 3b

Soil Pit View



Topsoil



MB Wheat:	Dr Wheat grade:	MB Pot: 21.4	DR Pot Grade:
48.68	1		1

Soil Pit Log: West Oxfordshire

Pit Log

///Darker.switched.claw

0-20cm Heavy Clay Loam 10 YR 4/4, no stones
no mottles, medium subangular blocky
structure

c.20cm Shallow bedrock

Depth to SPL: n/a

Depth to Gleying: n/a

Wetness Class: I

Wetness grade: 2

Soil Pit View



MB Wheat:	Dr Wheat grade:	MB Pot: -55	DR Pot Grade:
-64	4		4

APPENDIX IV

SUMMARY OF FINDINGS

Job Name:	West Oxfordshire Energy Park, Area B
Job Number:	260417
Date:	14/07/2026
Completed By:	SS

Site Altitude:	86
Centre Grid Ref:	422779 203616

AAR	703.88
ATO	1423.47
FCD	153.52
MDMWHT	103.08
MDMPOT	94.02

Soil Type 1a	
AP WHT	129.00
MB WHT	25.92
AP POT	106
MB POT	11.98



Site Limitations Summary	
	Soil Type 1a
Wetness Class	IV
Wetness Grading	1
Droughtiness Wheat	3a, 3b & 4
Droughtiness Potato	2, 3b & 4
Gradient Limitation	1
Soil Depth Limitation	1
Stoniness Limitation	1
	Overall
Site Climatic Limitation	1
Overall Grade	3a, 3b & 4

Job Name:	West Oxfordshire Energy Park, Area C
Job Number:	260417
Date:	14/07/2026
Completed By:	SS

Site Altitude:	81
Centre Grid Ref:	423843 203344

AAR	700.38
ATO	1429.17
FCD	153.01
MDMWHT	103.45
MDMPOT	94.51

	Soil Type 1b	Soil Type 2
AP WHT	135.40	122.70
MB WHT	31.95	19.25
AP POT	113.575	100.6
MB POT	19.07	6.09



Site Limitations Summary		
	Soil Type 1b	Soil Type 2
Wetness Class	I & III	IV
Wetness Grading	1 & 3a	3b
Droughtiness Wheat	1, 2, 3a, 3b & 4	3a
Droughtiness Potato	1, 2, 3a, 3b & 4	2
Gradient Limitation	1	1
Soil Depth Limitation	1	1
Stoniness Limitation	1	1
	Overall	
Site Climatic Limitation	1	1
Overall Grade	1, 2, 3a, 3b & 4	3b

Job Name:	West Oxfordshire Energy Park, Area A
Job Number:	260417
Date:	14/07/2026
Completed By:	SS

Site Altitude:	104
Centre Grid Ref:	422382 205387

AAR	716.47
ATO	1402.95
FCD	155.34
MDMWHT	102.50
MDMPOT	93.25

	Soil Type 1a	Soil Type 3
AP WHT	129.00	90.00
MB WHT	26.50	-12.50
AP POT	106	92.5
MB POT	12.75	-0.75



Site Limitations Summary		
	Soil Type 1a	Soil Type 3
Wetness Class	IV	I
Wetness Grading	1 & 3b	1
Droughtiness Wheat	2 & 4	3a, 3b & 4
Droughtiness Potato	2 & 4	2, 3b & 4
Gradient Limitation	1	1
Soil Depth Limitation	1, 4 & 5	1
Stoniness Limitation	1	1
	Overall	
Site Climatic Limitation	1	1
Overall Grade	3b, 4 & 5	3a, 3b & 4

Job Name:	West Oxfordshire Energy Park, Area D
Job Number:	260417
Date:	14/07/2026
Completed By:	SS

Site Altitude:	81
Centre Grid Ref:	423346 202750

AAR	700.38
ATO	1429.17
FCD	153.01
MDMWHT	103.45
MDMPOT	94.51

	Soil Type 1a	Soil Type 1b
AP WHT	127.05	98.83
MB WHT	23.60	-4.63
AP POT	109.6	115
MB POT	15.09	20.49



Site Limitations Summary		
	Soil Type 1a	Soil Type 1b
Wetness Class	I, III & IV	I, III, & IV
Wetness Grading	2 & 3b	1, 2, & 3b
Droughtiness Wheat	1, 2, 3a, 3b & 4	1, 3b & 4
Droughtiness Potato	1, 2, 3b & 4	1, 3a & 4
Gradient Limitation	1	1
Soil Depth Limitation	1	1
Stoniness Limitation	1	1
	Overall	
Site Climatic Limitation	1	1
Overall Grade	3a, 3b & 4	3b & 4

Job Name:	West Oxfordshire Energy Park, Area E
Job Number:	260417
Date:	14/07/2026
Completed By:	SS

Site Altitude:	79
Centre Grid Ref:	423053 201684

AAR	698.98
ATO	1431.45
FCD	152.81
MDMWHT	103.60
MDMPOT	94.70

	Soil Type 1a	Soil Type 1b
AP WHT	129.00	156.00
MB WHT	25.40	52.40
AP POT	106	118
MB POT	11.30	23.30



Site Limitations Summary		
	Soil Type 1a	Soil Type 1b
Wetness Class	I, III & IV	I & IV
Wetness Grading	1, 3a & 3b	1 & 3b
Droughtiness Wheat	2, 3b & 4	1, 2, 3b & 4
Droughtiness Potato	1, 2, 3b & 4	1, 3b & 4
Gradient Limitation	1	1
Soil Depth Limitation	1	1
Stoniness Limitation	1	1
	Overall	
Site Climatic Limitation	1	1
Overall Grade	3a, 3b & 4	3b & 4

Job Name:	West Oxfordshire Energy Park, Area F
Job Number:	260417
Date:	14/07/2026
Completed By:	SS

Site Altitude:	78
Centre Grid Ref:	422964 200803

AAR	698.28
ATO	1432.59
FCD	152.71
MDMWHT	103.68
MDMPOT	94.80

	Soil Type 1a	Soil Type 1b	Soil Type 2
AP WHT	92.95	156.00	126.00
MB WHT	-10.73	52.32	22.32
AP POT	99.45	118	103
MB POT	4.65	23.20	8.20



Site Limitations Summary			
	Soil Type 1a	Soil Type 1b	Soil Type 2
Wetness Class	I, III & IV	I & IV	I & IV
Wetness Grading	2 & 3b	2 & 3b	3a & 3b
Droughtiness Wheat	3a, 3b & 4	1, 2, 3a, 3b & 4	3a & 3b
Droughtiness Potato	2 & 3b	1, 2 & 3b	2 & 3a
Gradient Limitation	1	1	1
Soil Depth Limitation	1	1	1
Stoniness Limitation	1	1	1
	Overall		
Site Climatic Limitation	1	1	1
Overall Grade	3b & 4	3b & 4	3b

Job Name:	West Oxfordshire Energy Park, Area G
Job Number:	260417
Date:	14/07/2026
Completed By:	SS

Site Altitude:	76
Centre Grid Ref:	424115 201478

AAR	696.88
ATO	1434.87
FCD	152.51
MDMWHT	103.82
MDMPOT	95.00

	Soil Type 1a	Soil Type 1b
AP WHT	92.80	101.00
MB WHT	-11.02	-2.82
AP POT	99.3	110
MB POT	4.30	15.00



Site Limitations Summary		
	Soil Type 1	Soil Type 2
Wetness Class	I, III & IV	I, III & IV
Wetness Grading	1, 2, 3a & 3b	1, 2, 3a & 3b
Droughtiness Wheat	2, 3a, 3b & 4	1, 2, 3a, 3b & 4
Droughtiness Potato	1, 2, 3b & 4	1, 2, 3a, 3b & 4
Gradient Limitation	1	1
Soil Depth Limitation	1	1
Stoniness Limitation	1	1
	Overall	
Site Climatic Limitation	1	1
Overall Grade	3a, 3b & 4	1, 2, 3a, 3b & 4

Job Name:	West Oxfordshire Energy Park, Area H
Job Number:	260417
Date:	14/07/2026
Completed By:	SS

Site Altitude:	73
Centre Grid Ref:	425563 200937

AAR	687.25
ATO	1436.99
FCD	148.64
MDMWHT	105.49
MDMPOT	96.97

	Soil Type 1a	Soil Type 1b
AP WHT	129.00	156.00
MB WHT	23.51	50.51
AP POT	106	118
MB POT	9.03	21.03



Site Limitations Summary		
	Soil Type 1a	Soil Type 1b
Wetness Class	I & IV	I, II, III & IV
Wetness Grading	1 & 3b	1, 3a & 3b
Droughtiness Wheat	1, 3a, 3b & 4	1, 3a, 3b & 4
Droughtiness Potato	1, 2, 3a, 3b & 4	1, 2, 3a, 3b & 4
Gradient Limitation	1	1
Soil Depth Limitation	1	1
Stoniness Limitation	1	1
	Overall	
Site Climatic Limitation	1	1
Overall Grade	1, 3b & 4	1, 2, 3a, 3b & 4

Job Name:	West Oxfordshire Energy Park, Area I
Job Number:	260417
Date:	14/07/2026
Completed By:	SS

Site Altitude:	74
Centre Grid Ref:	425867 201986

AAR	688.05
ATO	1435.85
FCD	148.75
MDMWHT	105.40
MDMPOT	96.86

	Soil Type 1a	Soil Type 1b	Soil Type 2
AP WHT	127.43	142.30	126.00
MB WHT	22.02	36.90	20.60
AP POT	106	113.8	103
MB POT	9.14	16.94	6.14



Site Limitations Summary			
	Soil Type 1a	Soil Type 1b	Soil Type 2
Wetness Class	I, III & IV	I, III & IV	I, III & IV
Wetness Grading	1 & 3b	1, 3a & 3b	1, 3a & 4
Droughtiness Wheat	1, 2 & 3a	1, 2, 3a, 3b & 4	3a, 3b & 4
Droughtiness Potato	1 & 2	1, 2, 3b & 4	2, 3a, 3b & 4
Gradient Limitation	1	1	1
Soil Depth Limitation	1	1	1
Stoniness Limitation	1	1	1
	Overall		
Site Climatic Limitation	1	1	1
Overall Grade	3b	2, 3a, 3b & 4	3b & 4

Job Name:	West Oxfordshire Energy Park, Area J
Job Number:	260417
Date:	14/07/2026
Completed By:	SS

Site Altitude:	73
Centre Grid Ref:	424477 200487

AAR	694.78
ATO	1438.29
FCD	152.21
MDMWHT	104.17
MDMPOT	95.45

	Soil Type 1a	Soil Type 1b
AP WHT	129.00	136.80
MB WHT	24.83	32.63
AP POT	106	115.3
MB POT	10.55	19.85



Site Limitations Summary		
	Soil Type 1	Soil Type 2
Wetness Class	I, III & IV	I, III & IV
Wetness Grading	1, 3a & 3b	1, 3a & 3b
Droughtiness Wheat	2, 3a & 4	1, 2, 3a & 4
Droughtiness Potato	3a, 3b & 4	3a, 3b & 4
Gradient Limitation	1	1
Soil Depth Limitation	1	1
Stoniness Limitation	1	1
	Overall	
Site Climatic Limitation	1	1
Overall Grade	3a, 3b & 4	3a, 3b & 4

APPENDIX V

LABORATORY RESULTS

ANALYTICAL TEST REPORT

Report Number 26-06540, issue number 1

Contract name: West Oxfordshire ALC

Client reference: 260417

Clients name: Roberts Environmental

Clients address: Roberts Environmental
1 Croft Stairs
Newcastle Upon Tyne
NE1 2HG

Samples received: 04/06/2026

Analysis started: 05/06/2026

Analysis completed: 15/06/2026

Report issued: 15/06/2026

Key U UKAS accredited test
M MCERTS & UKAS accredited test
(B) Analysis performed at Southampton Site
I/S Insufficient sample to carry out test
U/S Sample not suitable for testing
NAD No Asbestos Detected
Full key available on Information page

Approved by: Sam Rogerson
Receipt and Reporting Manager

SAMPLE INFORMATION

Lab ref	Sample ID	Depth (m)	Sample description	Material removed	% Removed	% Moisture
110387	BH.A22	0.80 - 1.20				
110388	BH.A39	0.00 - 0.20				
110389	BH.B18	0.37 - 0.54				
110390	BH.B24	0.00 - 0.35				
110391	BH.C3	0.00 - 0.30				
110392	BH.C16	0.25 - 0.80				
110393	BH.D11	0.30 - 0.80				
110394	BH.D11	0.80 - 1.20				
110395	BH.D23	0.00 - 0.43				
110396	BH.D23	0.40 - 0.54				
110397	BH.D31	0.80 - 1.20				
110398	BH.D45	0.00 - 0.43				
110399	BH.D45	0.43 - 1.20				
110400	BH.D62	0.00 - 0.30				
110401	BH.D64	0.00 - 0.37				
110402	BH.D80	0.00 - 0.35				
110403	BH.D80	0.35 - 1.20				
110404	BH.F25	0.00 - 0.30				
110405	BH.G134	0.00 - 0.40				
110406	BH.G147	0.00 - 0.30				

SOILS

Lab Number					110387	110388	110389	110390	110391
Sample ID					BH.A22	BH.A39	BH.B18	BH.B24	BH.C3
Depth (m)					0.80 - 1.20	0.00 - 0.20	0.37 - 0.54	0.00 - 0.35	0.00 - 0.30
Sampling Date					12/05/2026	12/05/2026	05/05/2026	05/05/2026	05/05/2026
Test	Method	Accred	LoD	Units					
Miscellaneous									
% Clay	CE118	N	0.1	%	38.0	22.9	15.3	21.4	36.1
% Sand	CE118	N	0.1	%	6.4	9.7	56.8	42.7	13.5
% Silt	CE118	N	0.1	%	55.6	67.4	27.9	35.9	50.3

SOILS

Lab Number					110392	110393	110394	110395	110396
Sample ID					BH.C16	BH.D11	BH.D11	BH.D23	BH.D23
Depth (m)					0.25 - 0.80	0.30 - 0.80	0.80 - 1.20	0.00 - 0.43	0.40 - 0.54
Sampling Date					05/05/2026	06/05/2026	06/05/2026	06/05/2026	06/05/2026
Test	Method	Accred	LoD	Units					
Miscellaneous									
% Clay	CE118	N	0.1	%	27.0	67.7	33.4	31.3	28.6
% Sand	CE118	N	0.1	%	25.6	1.4	14.5	22.1	21.9
% Silt	CE118	N	0.1	%	47.5	30.9	52.1	46.7	49.5

SOILS

Lab Number					110397	110398	110399	110400	110401
Sample ID					BH.D31	BH.D45	BH.D45	BH.D62	BH.D64
Depth (m)					0.80 - 1.20	0.00 - 0.43	0.43 - 1.20	0.00 - 0.30	0.00 - 0.37
Sampling Date					06/05/2026	06/05/2026	06/05/2026	06/05/2026	06/05/2026
Test	Method	Accred	LoD	Units					
Miscellaneous									
% Clay	CE118	N	0.1	%	34.3	26.2	31.2	24.5	25.5
% Sand	CE118	N	0.1	%	1.9	32.2	31.3	24.1	34.7
% Silt	CE118	N	0.1	%	63.8	41.6	37.5	51.4	39.8

SOILS

Lab Number					110402	110403	110404	110405	110406
Sample ID					BH.D80	BH.D80	BH.F25	BH.G134	BH.G147
Depth (m)					0.00 - 0.35	0.35 - 1.20	0.00 - 0.30	0.00 - 0.40	0.00 - 0.30
Sampling Date					06/05/2026	06/05/2026	06/05/2026	11/05/2026	11/05/2026
Test	Method	Accred	LoD	Units					
Miscellaneous									
% Clay	CE118	N	0.1	%	33.7	38.0	41.0	25.6	22.0
% Sand	CE118	N	0.1	%	20.4	15.0	13.4	32.6	40.4
% Silt	CE118	N	0.1	%	45.9	47.0	45.6	41.8	37.6

DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref	110387	Date received	04/06/2026
Contract name	West Oxfordshire ALC	Analysis started	15/06/2026
Sample ID	BH.A22	Analysis completed	15/06/2026
OS Grid reference	Not supplied	Report issued	15/06/2026
Date sampled	12/05/2026		

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	38						
Silt content	% w/w	56						
Sand content	% w/w	6						
Soil texture	class	SILTY CLAY	N	N	N	N	N	N

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

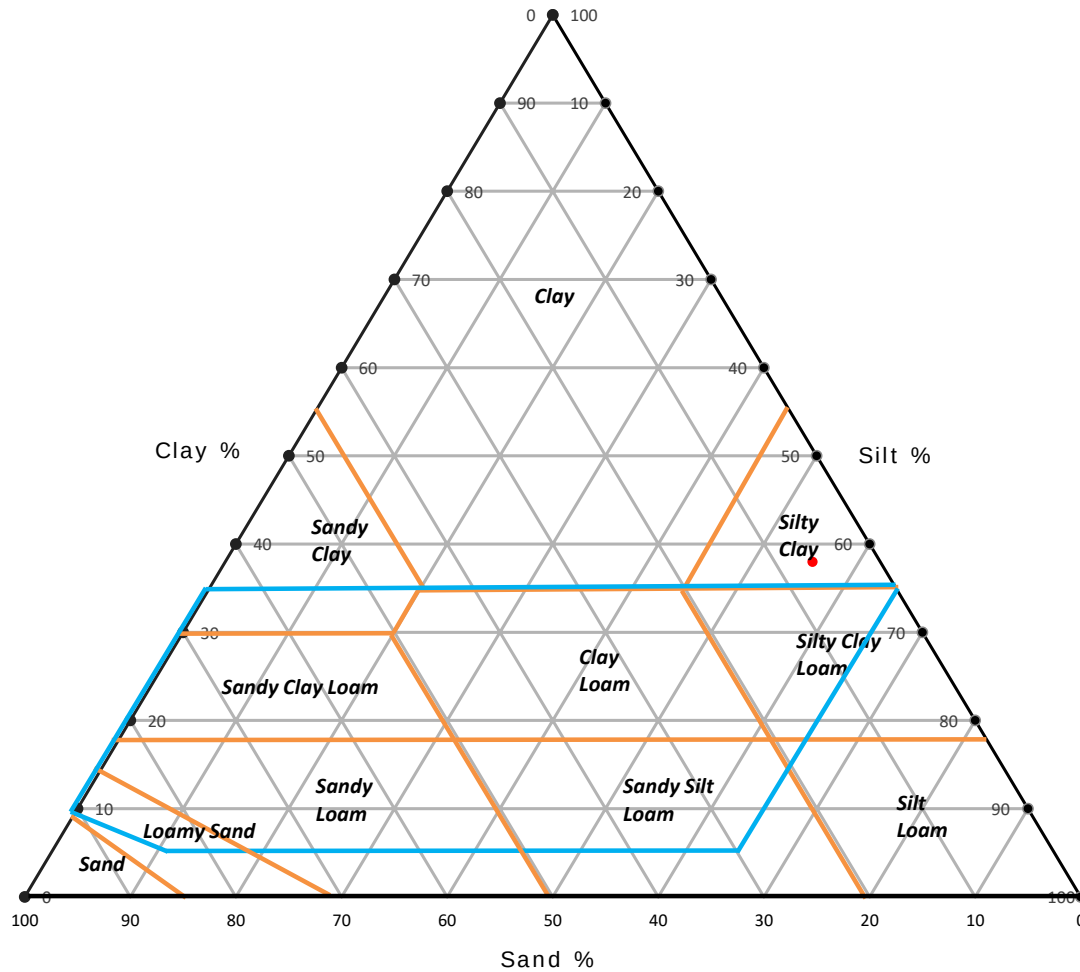
² Results in leachate are accredited to ISO17025

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Assessment is outside the scope of the laboratory's UKAS accreditation.



DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref 110388
Contract name West Oxfordshire ALC
Sample ID BH.A39
OS Grid reference Not supplied
Date sampled 12/05/2026

Date received 04/06/2026
Analysis started 15/06/2026
Analysis completed 15/06/2026
Report issued 15/06/2026

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	23						
Silt content	% w/w	67						
Sand content	% w/w	10						
Soil texture	class	SILTY CLAY LOAM	N	N	N	N	N	N

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	Y			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

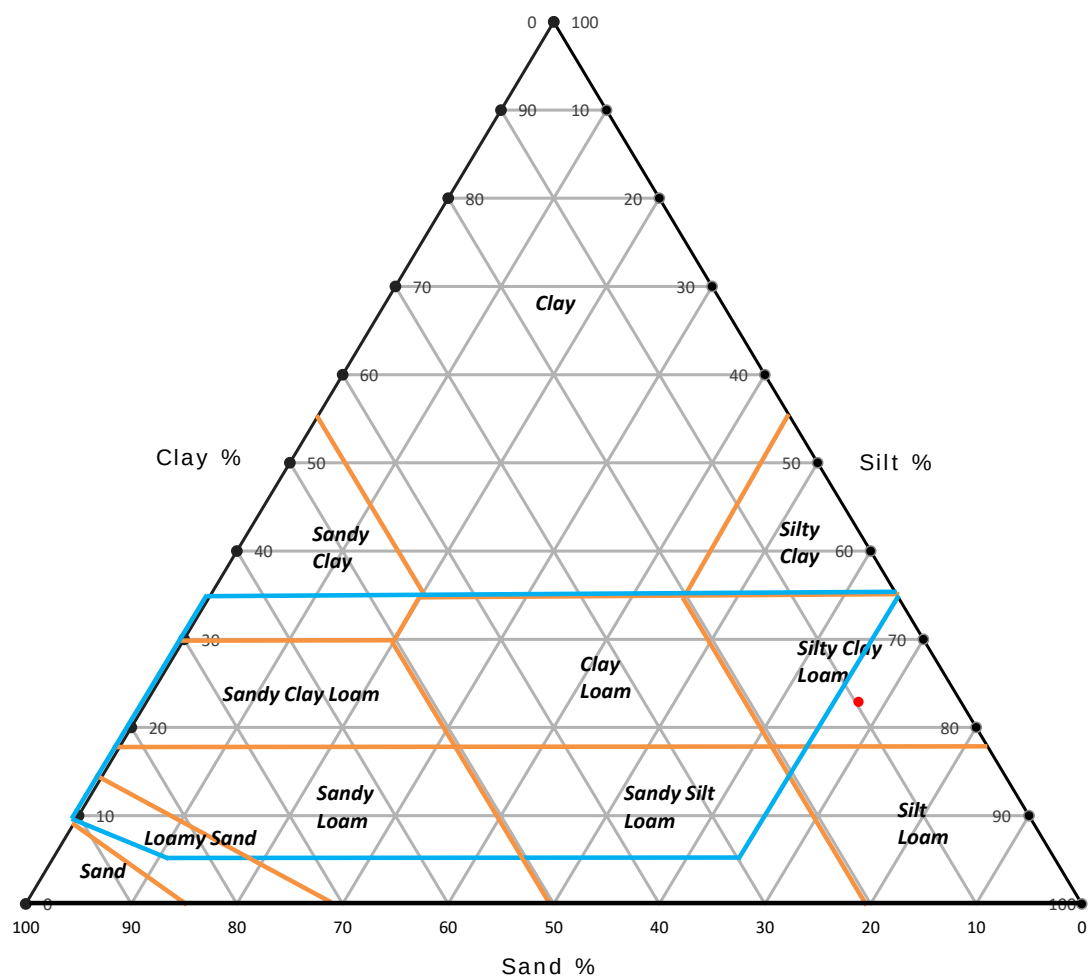
² Results in leachate are accredited to ISO17025

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Any assessments made are based on the published results from the Laboratory and make no assessment of uncertainty of measurement. Application of uncertainty of measurement would provide a range within which the true result lies. Method uncertainty levels can be provided independently upon request.

Assessment is outside the scope of the laboratory's UKAS accreditation.



DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref 110389
Contract name West Oxfordshire ALC
Sample ID BH.B18
OS Grid reference Not supplied
Date sampled 05/05/2026

Date received 04/06/2026
Analysis started 15/06/2026
Analysis completed 15/06/2026
Report issued 15/06/2026

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	15						
Silt content	% w/w	28						
Sand content	% w/w	57						
Soil texture	class	SANDY LOAM	Y	Y	Y	Y	Y	Y

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

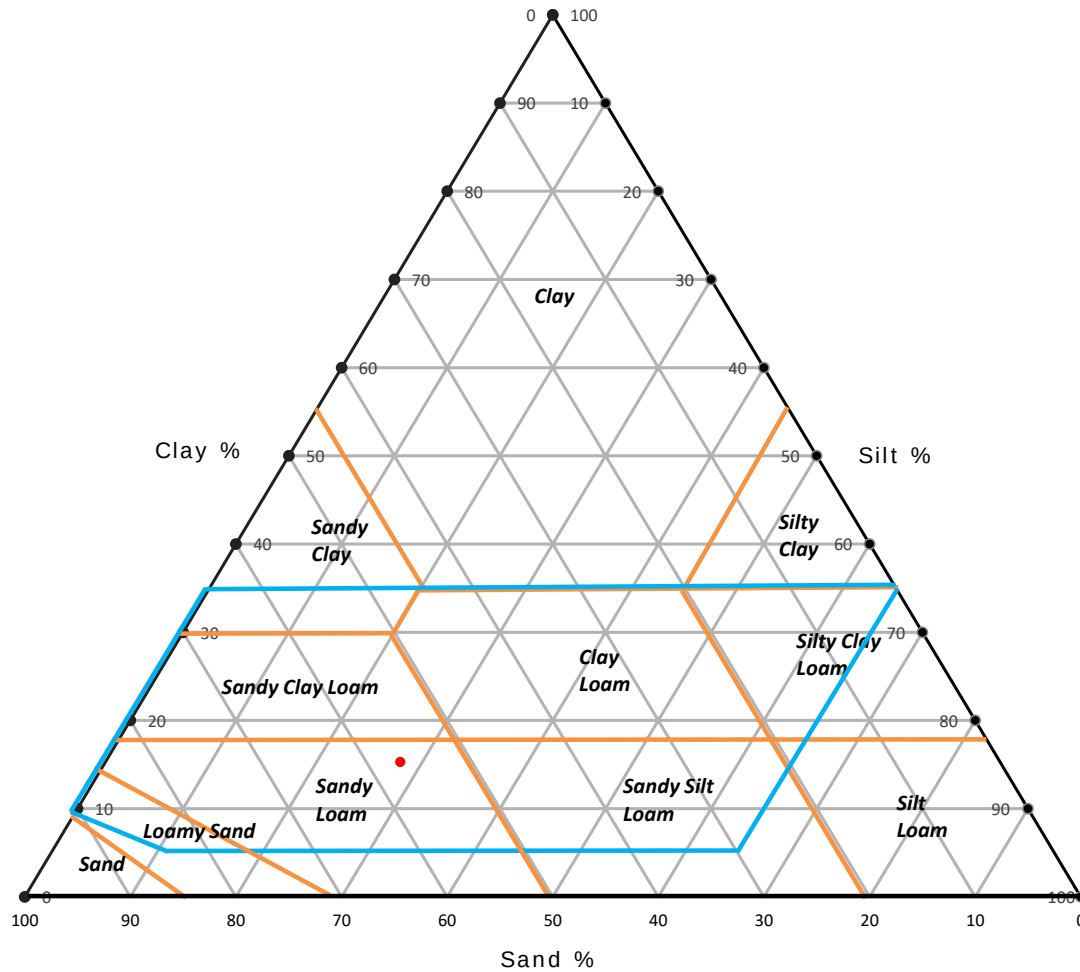
² Results in leachate are accredited to ISO17025

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DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref 110390
Contract name West Oxfordshire ALC
Sample ID BH.B24
OS Grid reference Not supplied
Date sampled 05/05/2026

Date received 04/06/2026
Analysis started 15/06/2026
Analysis completed 15/06/2026
Report issued 15/06/2026

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	21						
Silt content	% w/w	36						
Sand content	% w/w	43						
Soil texture	class	CLAY LOAM	Y	Y	Y	Y	Y	Y

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

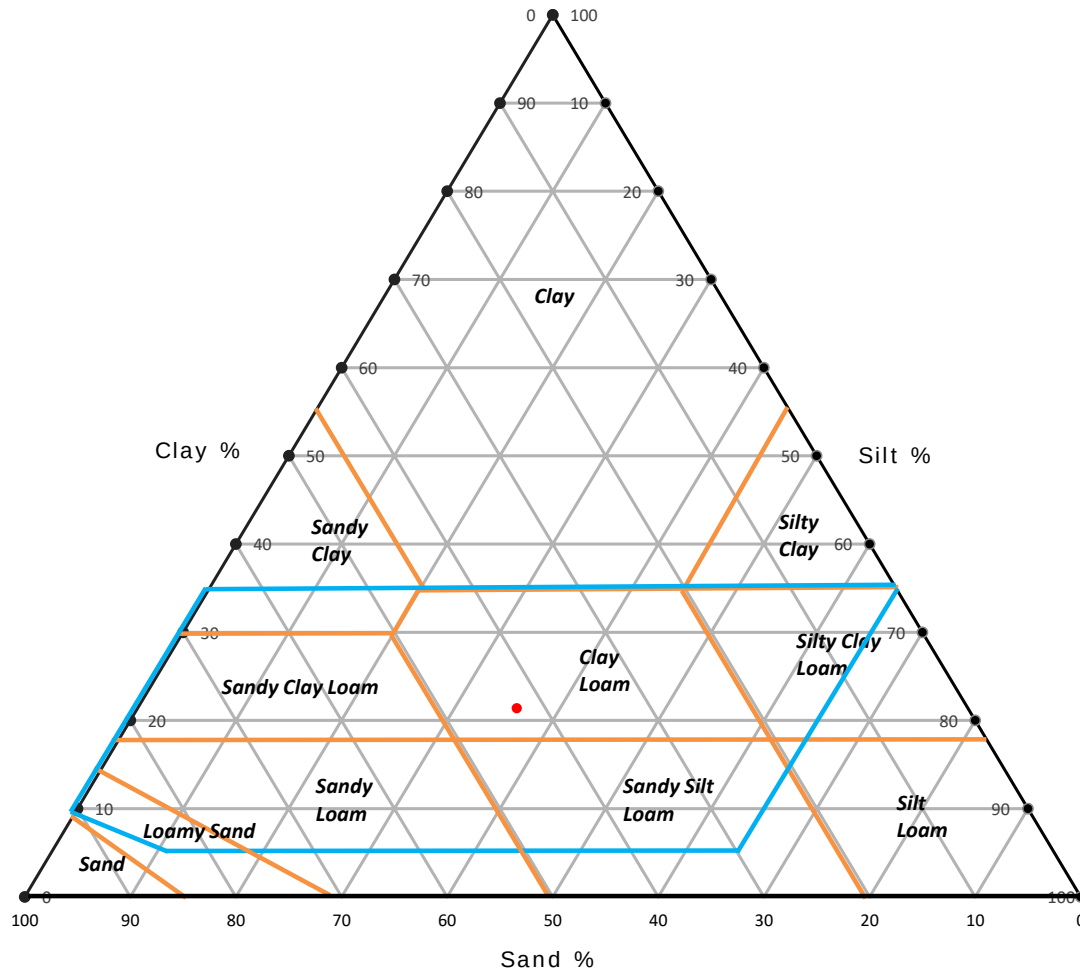
² Results in leachate are accredited to ISO17025

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DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref 110391
Contract name West Oxfordshire ALC
Sample ID BH.C3
OS Grid reference Not supplied
Date sampled 05/05/2026

Date received 04/06/2026
Analysis started 15/06/2026
Analysis completed 15/06/2026
Report issued 15/06/2026

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	36						
Silt content	% w/w	50						
Sand content	% w/w	14						
Soil texture	class	SILTY CLAY	N	N	N	N	N	N

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

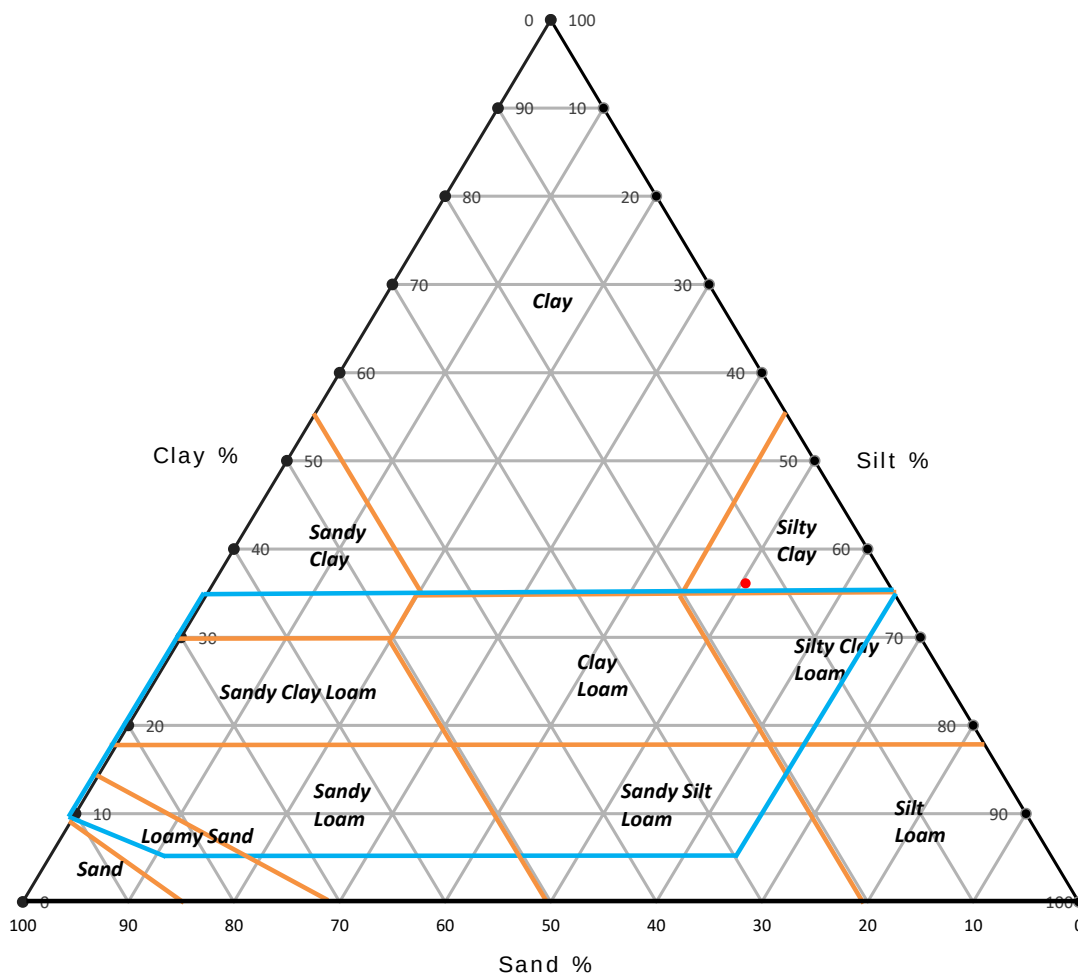
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DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref 110392
Contract name West Oxfordshire ALC
Sample ID BH.C16
OS Grid reference Not supplied
Date sampled 05/05/2026

Date received 04/06/2026
Analysis started 15/06/2026
Analysis completed 15/06/2026
Report issued 15/06/2026

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	27						
Silt content	% w/w	48						
Sand content	% w/w	26						
Soil texture	class	CLAY LOAM	Y	Y	Y	Y	Y	Y

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

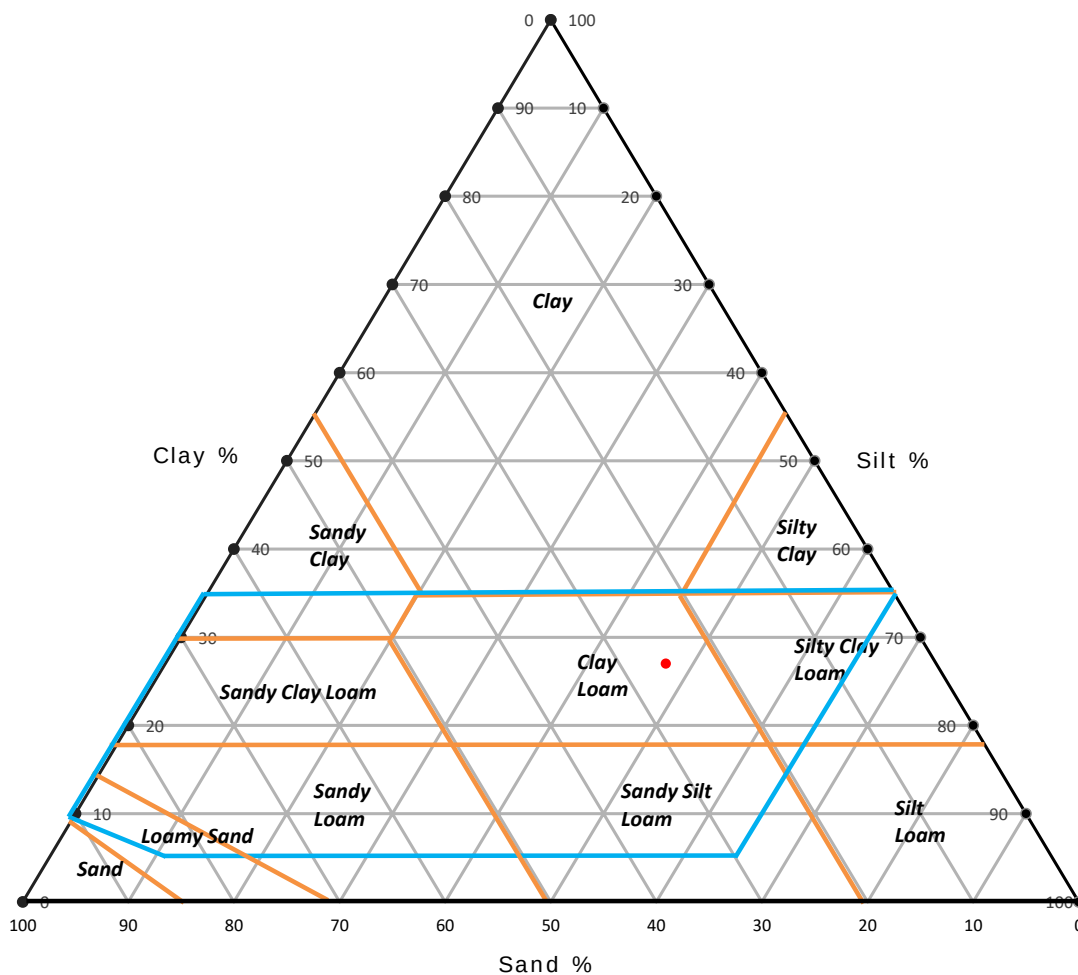
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DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref 110393
Contract name West Oxfordshire ALC
Sample ID BH.D11
OS Grid reference Not supplied
Date sampled 06/05/2026

Date received 04/06/2026
Analysis started 15/06/2026
Analysis completed 15/06/2026
Report issued 15/06/2026

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	68						
Silt content	% w/w	31						
Sand content	% w/w	1						
Soil texture	class	CLAY	N	N	N	N	N	N

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

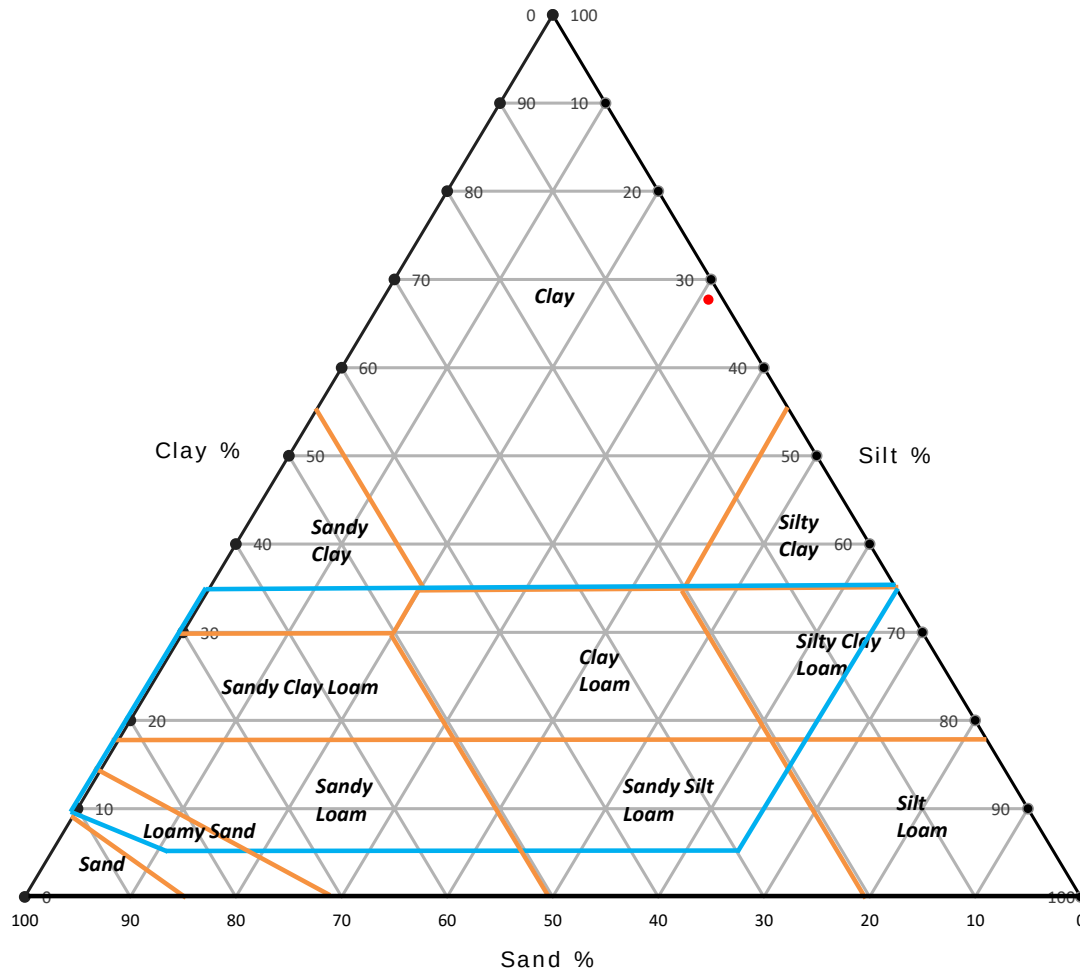
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DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref 110394
Contract name West Oxfordshire ALC
Sample ID BH.D11
OS Grid reference Not supplied
Date sampled 06/05/2026

Date received 04/06/2026
Analysis started 15/06/2026
Analysis completed 15/06/2026
Report issued 15/06/2026

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	33						
Silt content	% w/w	52						
Sand content	% w/w	15						
Soil texture	class	SILTY CLAY LOAM	Y	Y	Y	Y	Y	Y

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

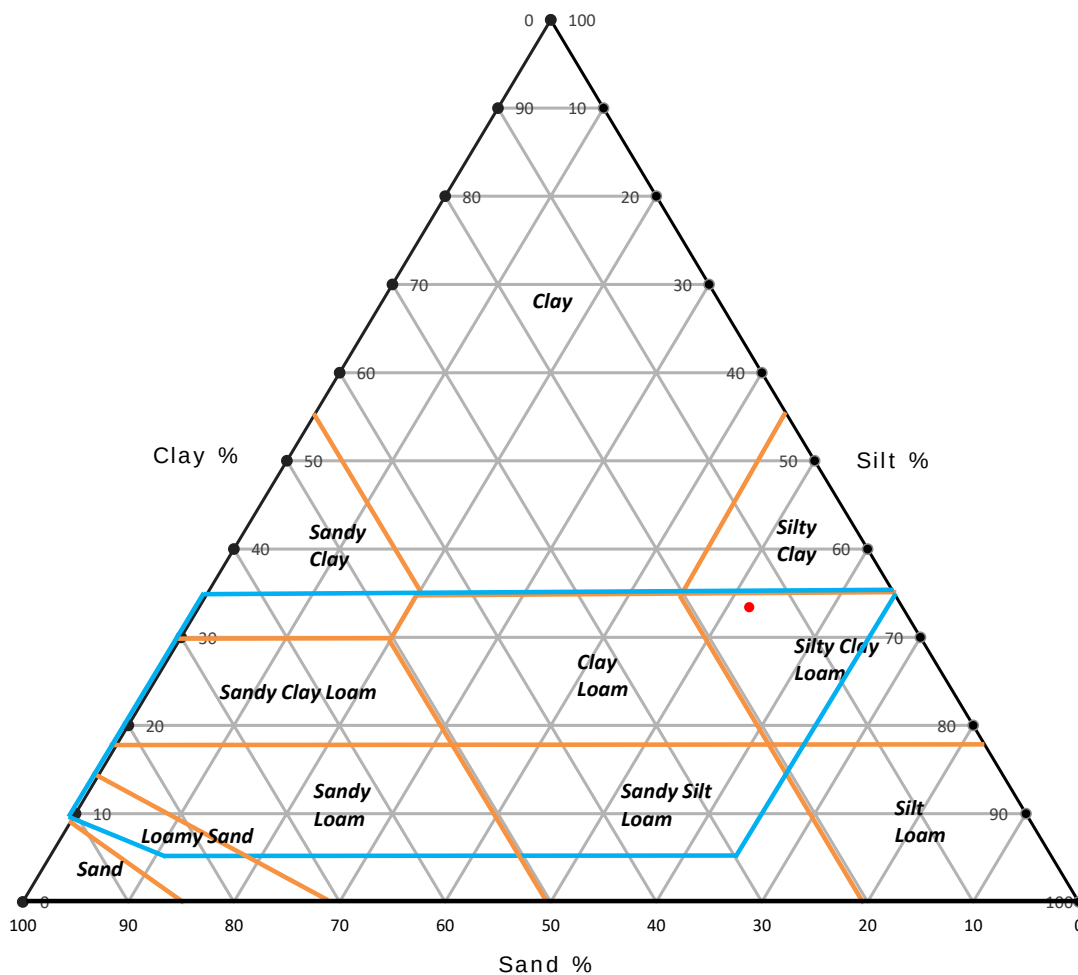
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DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref 110395
Contract name West Oxfordshire ALC
Sample ID BH.D23
OS Grid reference Not supplied
Date sampled 06/05/2026

Date received 04/06/2026
Analysis started 15/06/2026
Analysis completed 15/06/2026
Report issued 15/06/2026

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	31						
Silt content	% w/w	47						
Sand content	% w/w	22						
Soil texture	class	CLAY LOAM	Y	Y	Y	Y	Y	Y

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

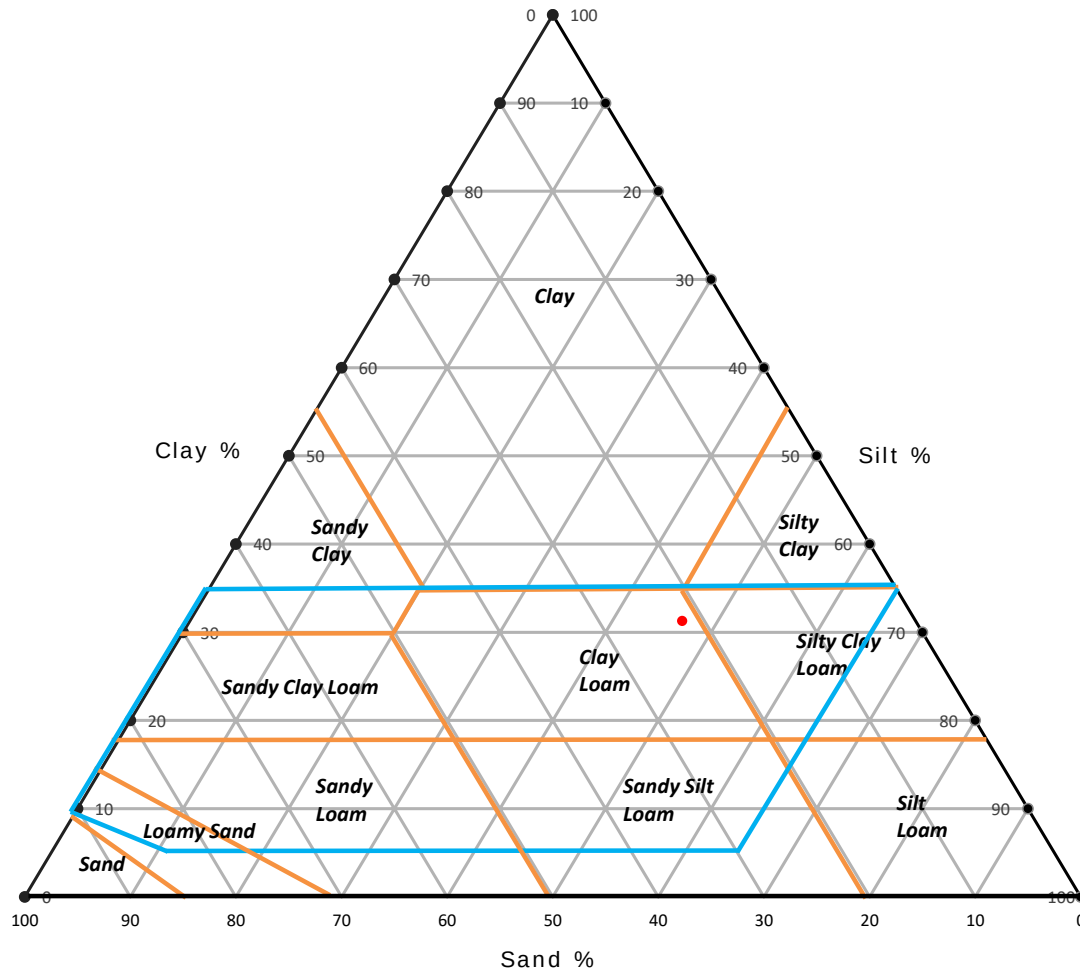
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DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref 110396
Contract name West Oxfordshire ALC
Sample ID BH.D23
OS Grid reference Not supplied
Date sampled 06/05/2026

Date received 04/06/2026
Analysis started 15/06/2026
Analysis completed 15/06/2026
Report issued 15/06/2026

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	29						
Silt content	% w/w	50						
Sand content	% w/w	22						
Soil texture	class	CLAY LOAM	Y	Y	Y	Y	Y	Y

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

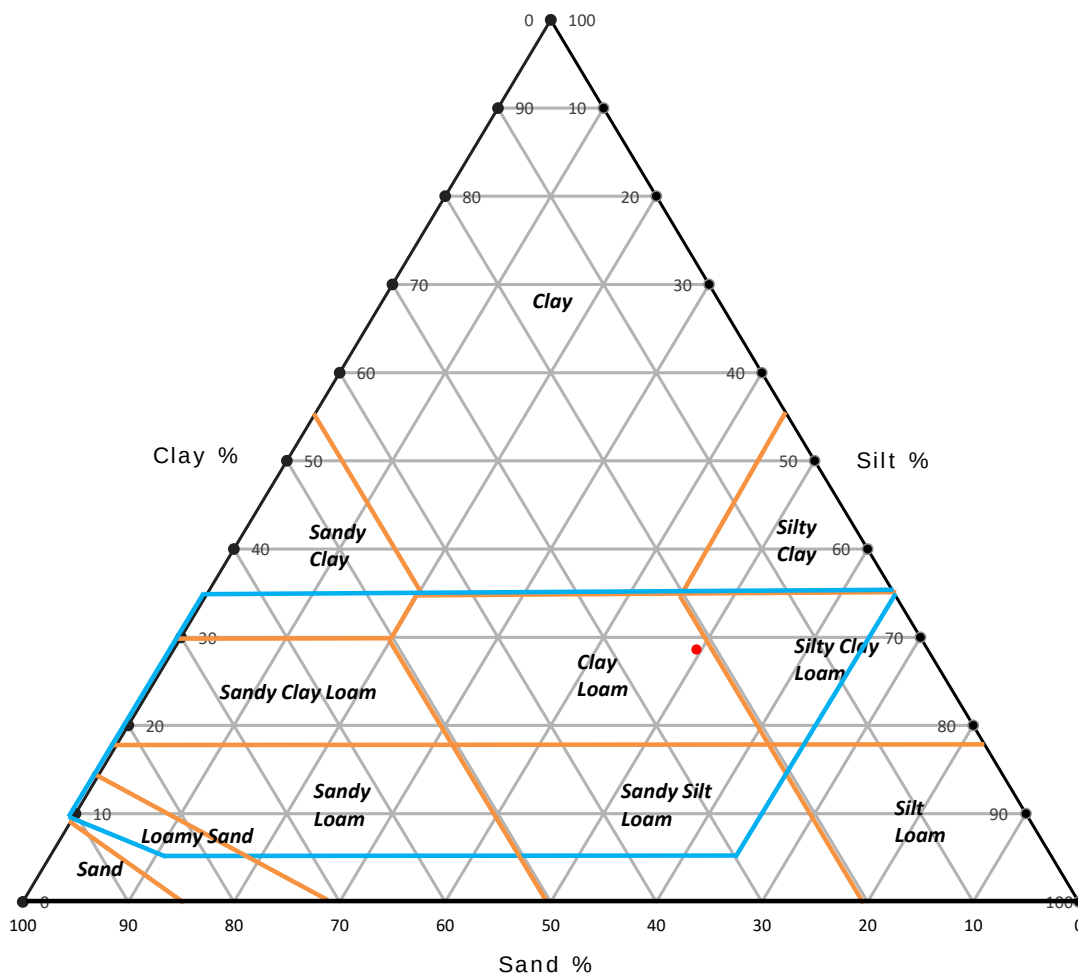
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DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref	110397	Date received	04/06/2026
Contract name	West Oxfordshire ALC	Analysis started	15/06/2026
Sample ID	BH.D31	Analysis completed	15/06/2026
OS Grid reference	Not supplied	Report issued	15/06/2026
Date sampled	06/05/2026		

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	34						
Silt content	% w/w	64						
Sand content	% w/w	2						
Soil texture	class	SILTY CLAY LOAM	Y	Y	Y	Y	Y	Y

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

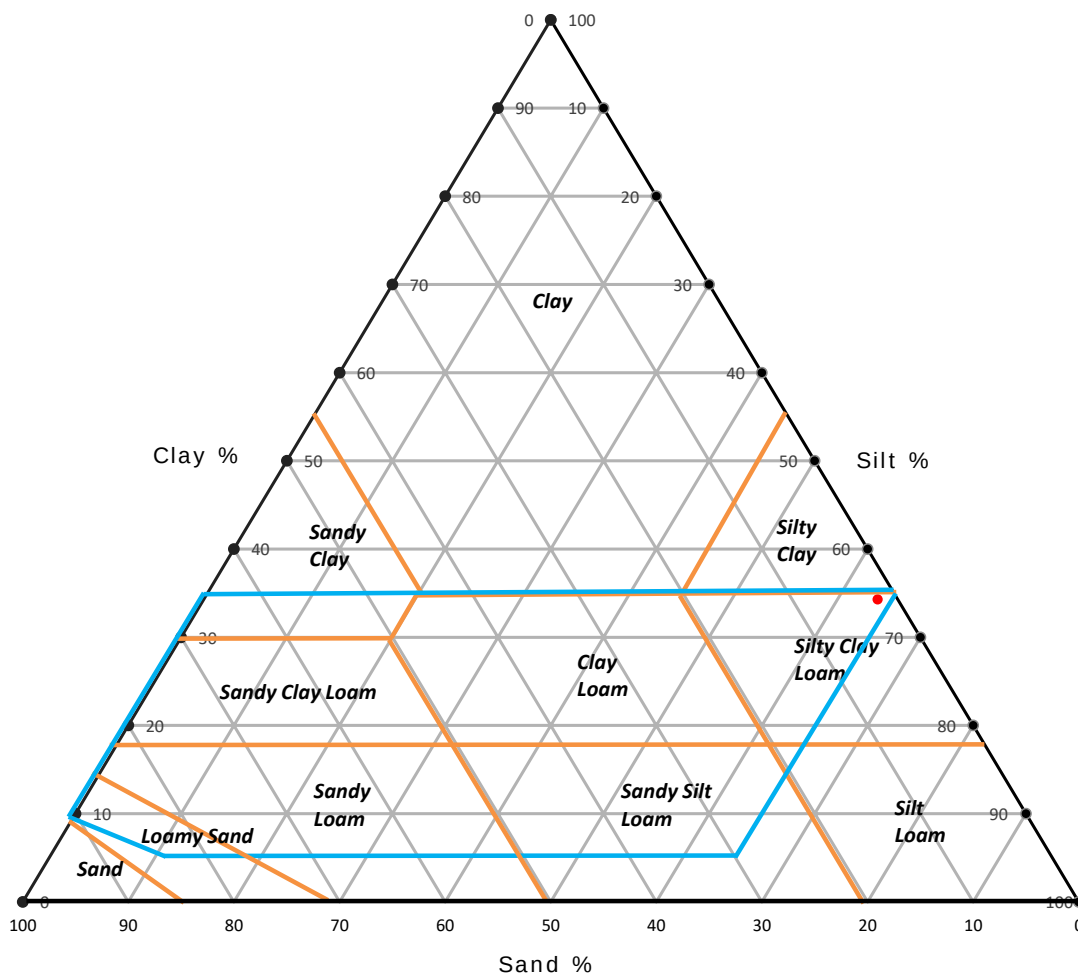
² Results in leachate are accredited to ISO17025

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DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref 110398
Contract name West Oxfordshire ALC
Sample ID BH.D45
OS Grid reference Not supplied
Date sampled 06/05/2026

Date received 04/06/2026
Analysis started 15/06/2026
Analysis completed 15/06/2026
Report issued 15/06/2026

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	26						
Silt content	% w/w	42						
Sand content	% w/w	32						
Soil texture	class	CLAY LOAM						

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

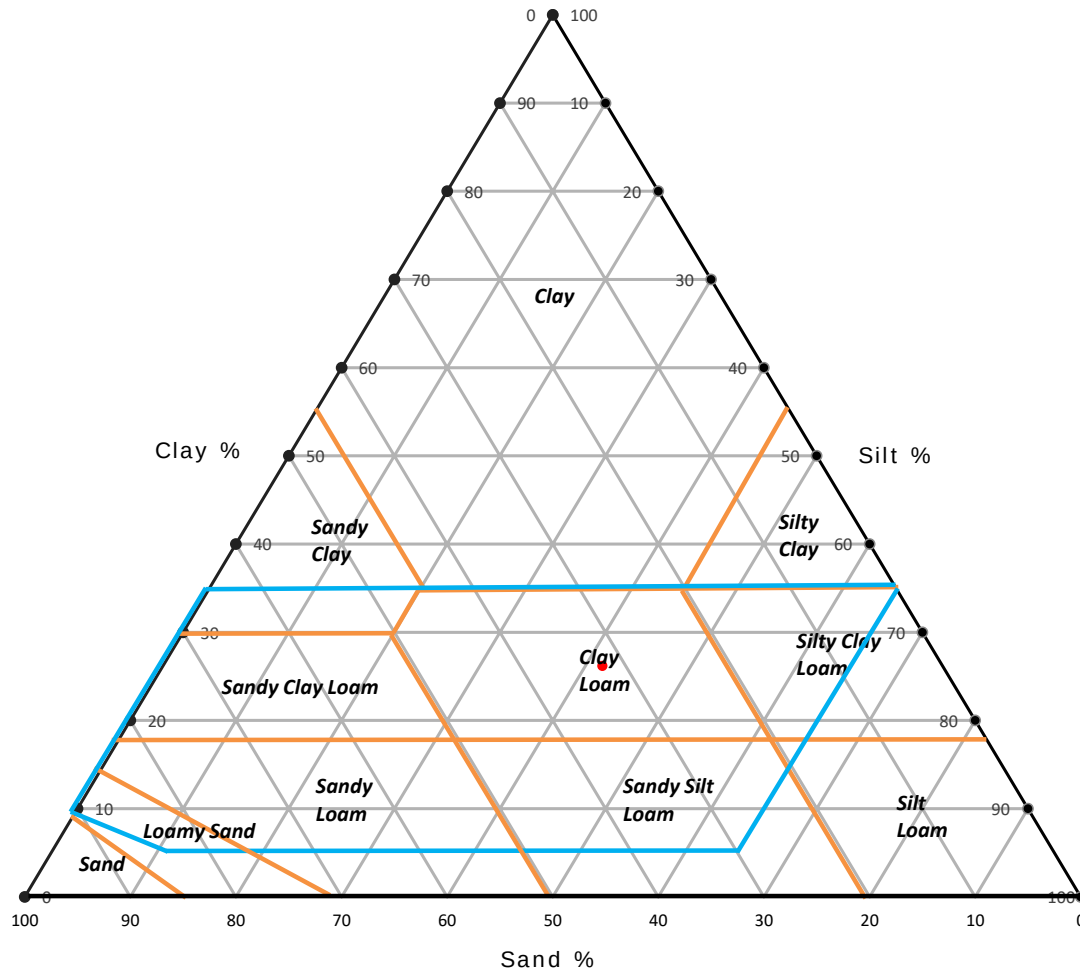
² Results in leachate are accredited to ISO17025

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DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref 110399
Contract name West Oxfordshire ALC
Sample ID BH.D45
OS Grid reference Not supplied
Date sampled 06/05/2026

Date received 04/06/2026
Analysis started 15/06/2026
Analysis completed 15/06/2026
Report issued 15/06/2026

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	31						
Silt content	% w/w	38						
Sand content	% w/w	31						
Soil texture	class	CLAY LOAM	Y	Y	Y	Y	Y	Y

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

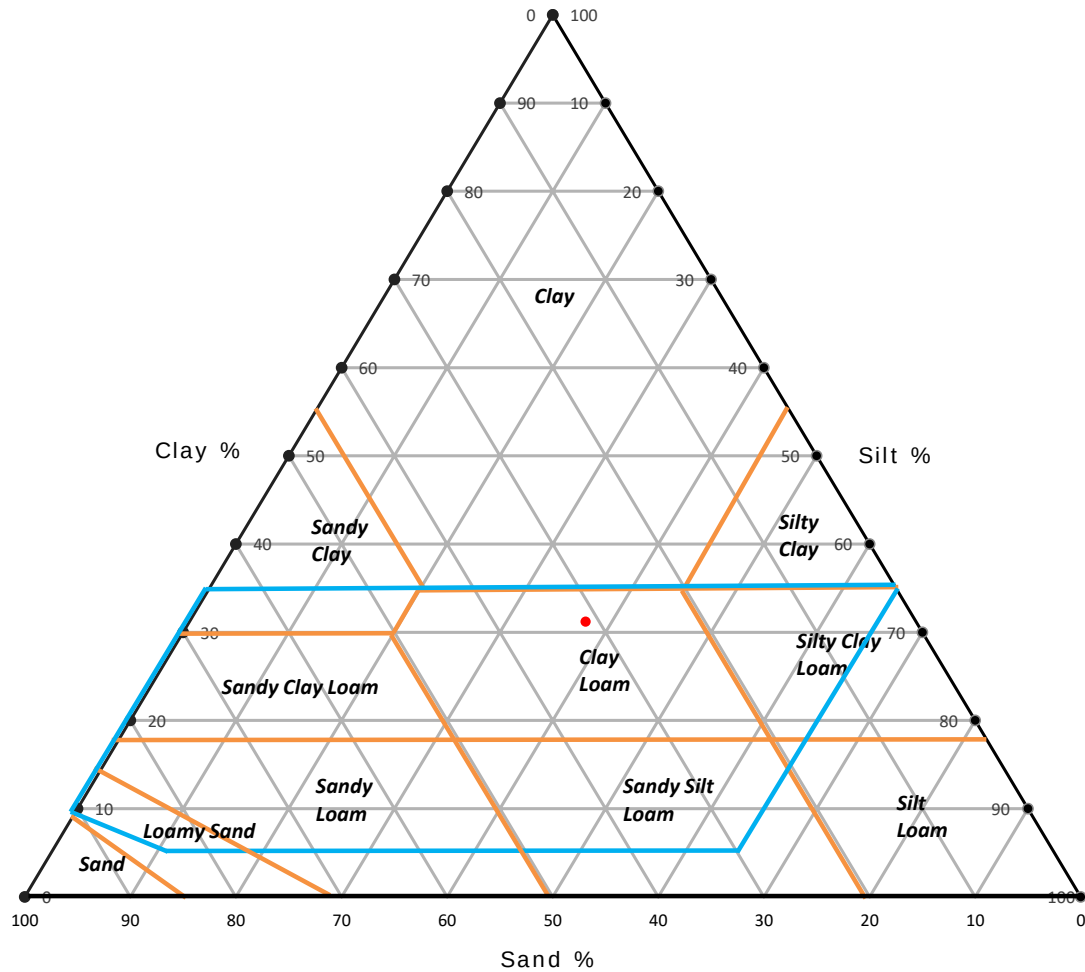
² Results in leachate are accredited to ISO17025

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DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref 110400
Contract name West Oxfordshire ALC
Sample ID BH.D62
OS Grid reference Not supplied
Date sampled 06/05/2026

Date received 04/06/2026
Analysis started 15/06/2026
Analysis completed 15/06/2026
Report issued 15/06/2026

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	25						
Silt content	% w/w	51						
Sand content	% w/w	24						
Soil texture	class	CLAY LOAM	Y	Y	Y	Y	Y	Y

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

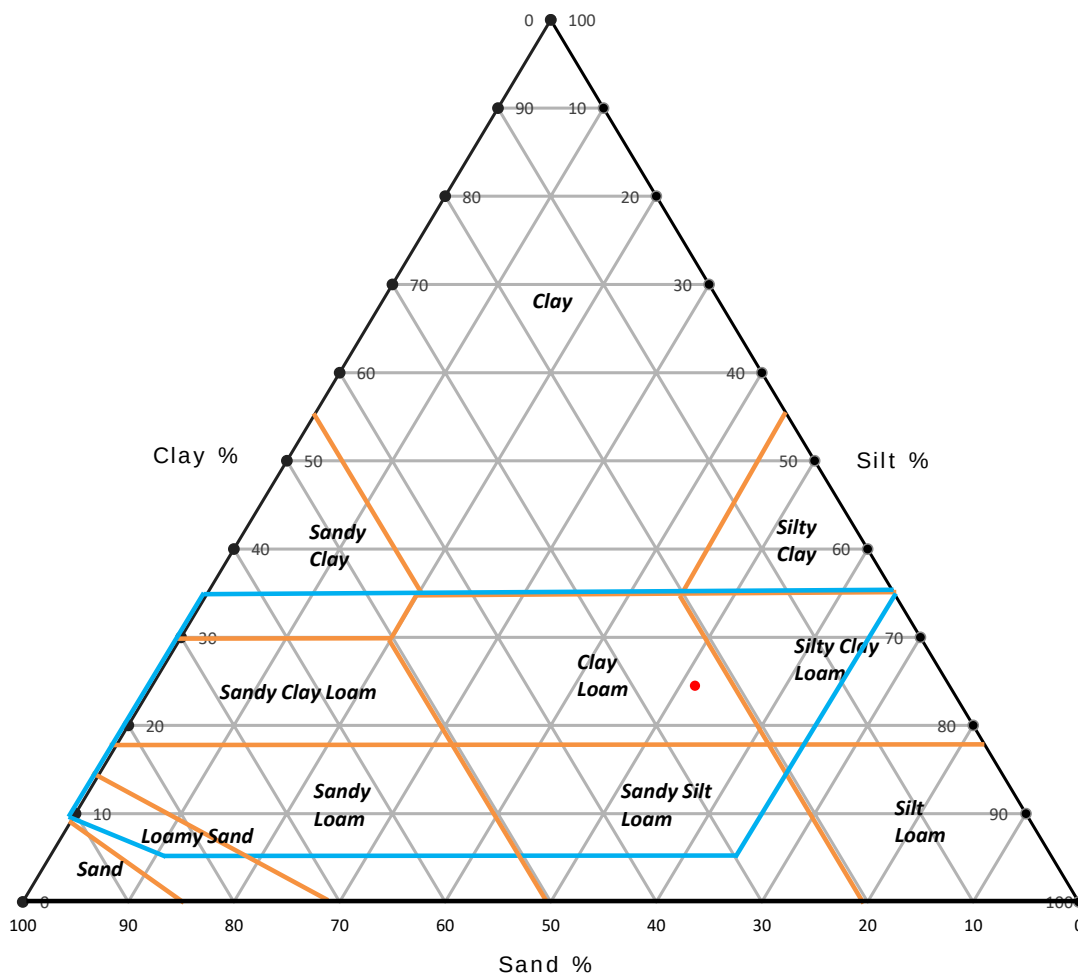
² Results in leachate are accredited to ISO17025

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DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref 110401
Contract name West Oxfordshire ALC
Sample ID BH.D64
OS Grid reference Not supplied
Date sampled 06/05/2026

Date received 04/06/2026
Analysis started 15/06/2026
Analysis completed 15/06/2026
Report issued 15/06/2026

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	26						
Silt content	% w/w	40						
Sand content	% w/w	35						
Soil texture	class	CLAY LOAM	Y	Y	Y	Y	Y	Y

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

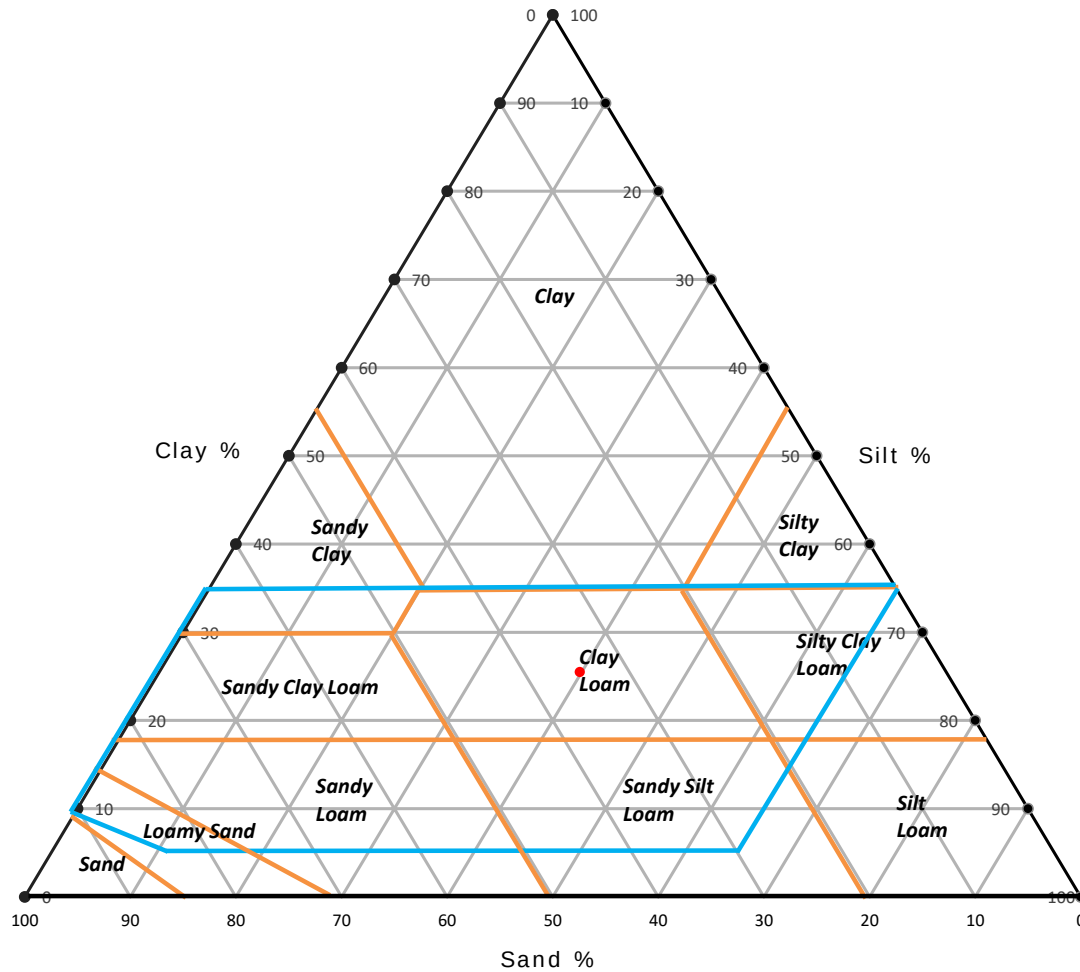
² Results in leachate are accredited to ISO17025

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DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref 110402
Contract name West Oxfordshire ALC
Sample ID BH.D80
OS Grid reference Not supplied
Date sampled 06/05/2026

Date received 04/06/2026
Analysis started 15/06/2026
Analysis completed 15/06/2026
Report issued 15/06/2026

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	34						
Silt content	% w/w	46						
Sand content	% w/w	20						
Soil texture	class	CLAY LOAM	Y	Y	Y	Y	Y	Y

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

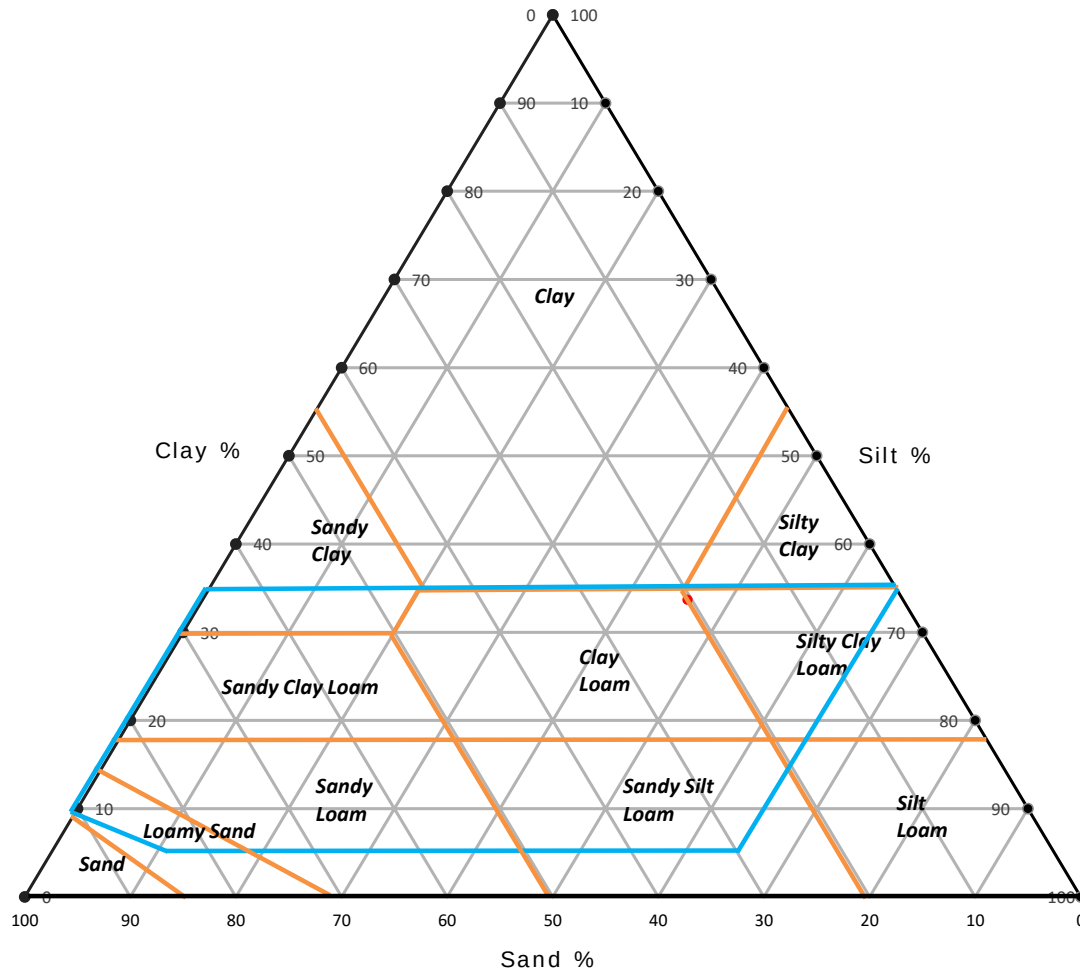
² Results in leachate are accredited to ISO17025

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DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref 110403
Contract name West Oxfordshire ALC
Sample ID BH.D80
OS Grid reference Not supplied
Date sampled 06/05/2026

Date received 04/06/2026
Analysis started 15/06/2026
Analysis completed 15/06/2026
Report issued 15/06/2026

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	38						
Silt content	% w/w	47						
Sand content	% w/w	15						
Soil texture	class	SILTY CLAY	N	N	N	N	N	N

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

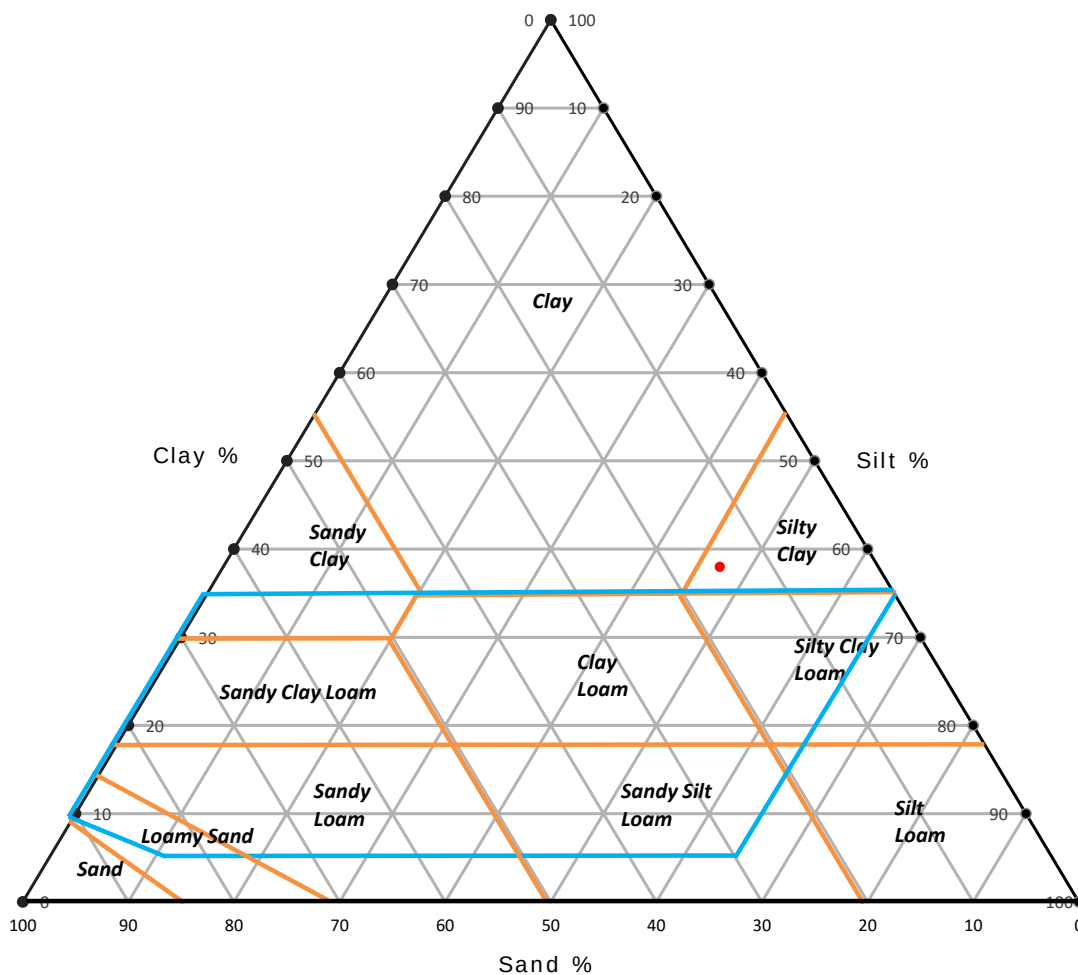
² Results in leachate are accredited to ISO17025

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DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref 110404
Contract name West Oxfordshire ALC
Sample ID BH.F25
OS Grid reference Not supplied
Date sampled 06/05/2026

Date received 04/06/2026
Analysis started 15/06/2026
Analysis completed 15/06/2026
Report issued 15/06/2026

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	41						
Silt content	% w/w	46						
Sand content	% w/w	13						
Soil texture	class	SILTY CLAY	N	N	N	N	N	N

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

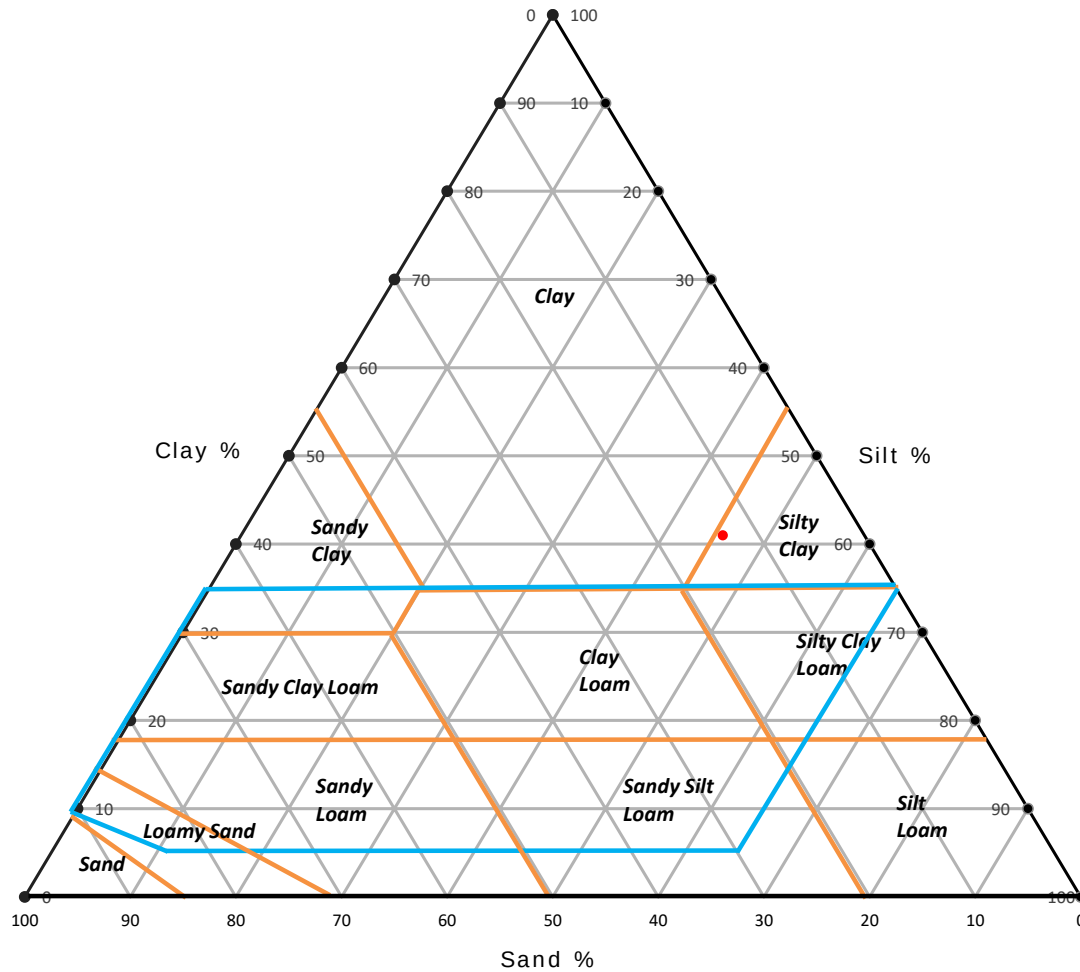
² Results in leachate are accredited to ISO17025

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Assessment is outside the scope of the laboratory's UKAS accreditation.



DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref	110405	Date received	04/06/2026
Contract name	West Oxfordshire ALC	Analysis started	15/06/2026
Sample ID	BH.G134	Analysis completed	15/06/2026
OS Grid reference	Not supplied	Report issued	15/06/2026
Date sampled	11/05/2026		

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	26						
Silt content	% w/w	42						
Sand content	% w/w	33						
Soil texture	class	CLAY LOAM	Y	Y	Y	Y	Y	Y

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

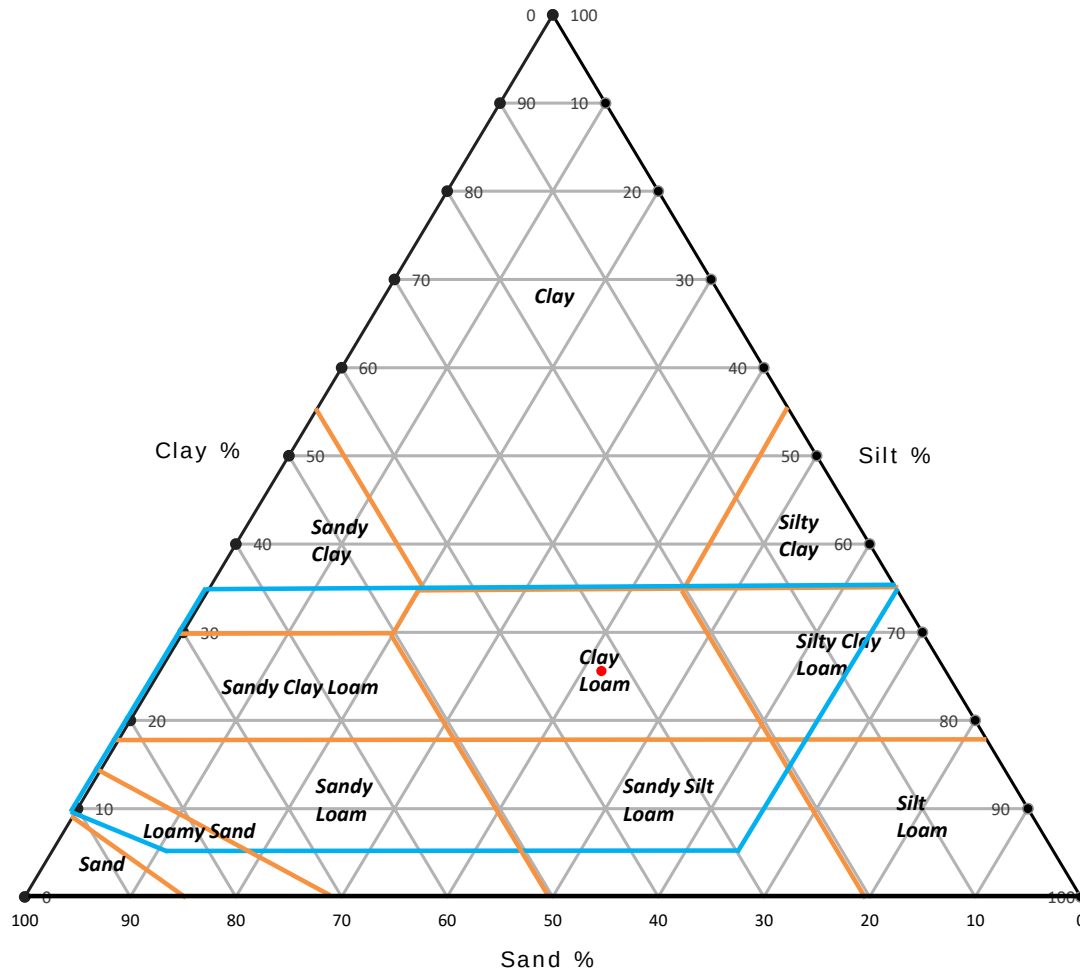
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DECLARATION OF COMPLIANCE
(BS3882:2015)



Lab ref	110406	Date received	04/06/2026
Contract name	West Oxfordshire ALC	Analysis started	15/06/2026
Sample ID	BH.G147	Analysis completed	15/06/2026
OS Grid reference	Not supplied	Report issued	15/06/2026
Date sampled	11/05/2026		

Test	Units	Result	Compliant with Multipurpose? (Y/N)	Compliant with specific purpose? (Y/N)				
				Acidic	Calcareous	Low Fertility	Low F Acidic	Low F Calcareous
Texture								
Clay content	% w/w	22						
Silt content	% w/w	38						
Sand content	% w/w	40						
Soil texture	class	CLAY LOAM	Y	Y	Y	Y	Y	Y

Stone content								
>2mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>20mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
>50mm	% w/w	< 0.1	Y	Y	Y	Y	Y	Y

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH ¹	pH units	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbonate (calcareous only)	% w/w CaCO ₃	n/t			n/t			n/t
Nitrogen (total)	% w/w N	n/t	n/t	n/t	n/t			
Carbon:Nitrogen ratio	-	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phosphorus (extractable)	mg/l P	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Potassium (extractable)	mg/l K	n/t	n/t	n/t	n/t			
Magnesium (extractable)	mg/l Mg	n/t	n/t	n/t	n/t			
Electrical conductivity ²	µS/cm	n/t	n/t					

Phytotoxic contaminants (by soil pH)								
Copper (Nitric acid extract)	mg/kg Cu	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel (Nitric acid extract)	mg/kg Ni	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc (Nitric acid extract)	mg/kg Zn	n/t	n/t	n/t	n/t	n/t	n/t	n/t

VISIBLE CONTAMINANTS (air-dried soil)	% w/w	<0.1	Y	Y	Y	Y	Y	Y
...of which plastics	% w/w	< 0.1	Y	Y	Y	Y	Y	Y
Sharps	% w/w	None	Y	Y	Y	Y	Y	Y

¹ Results are accredited to MCERTS if matrix confirmed as soil

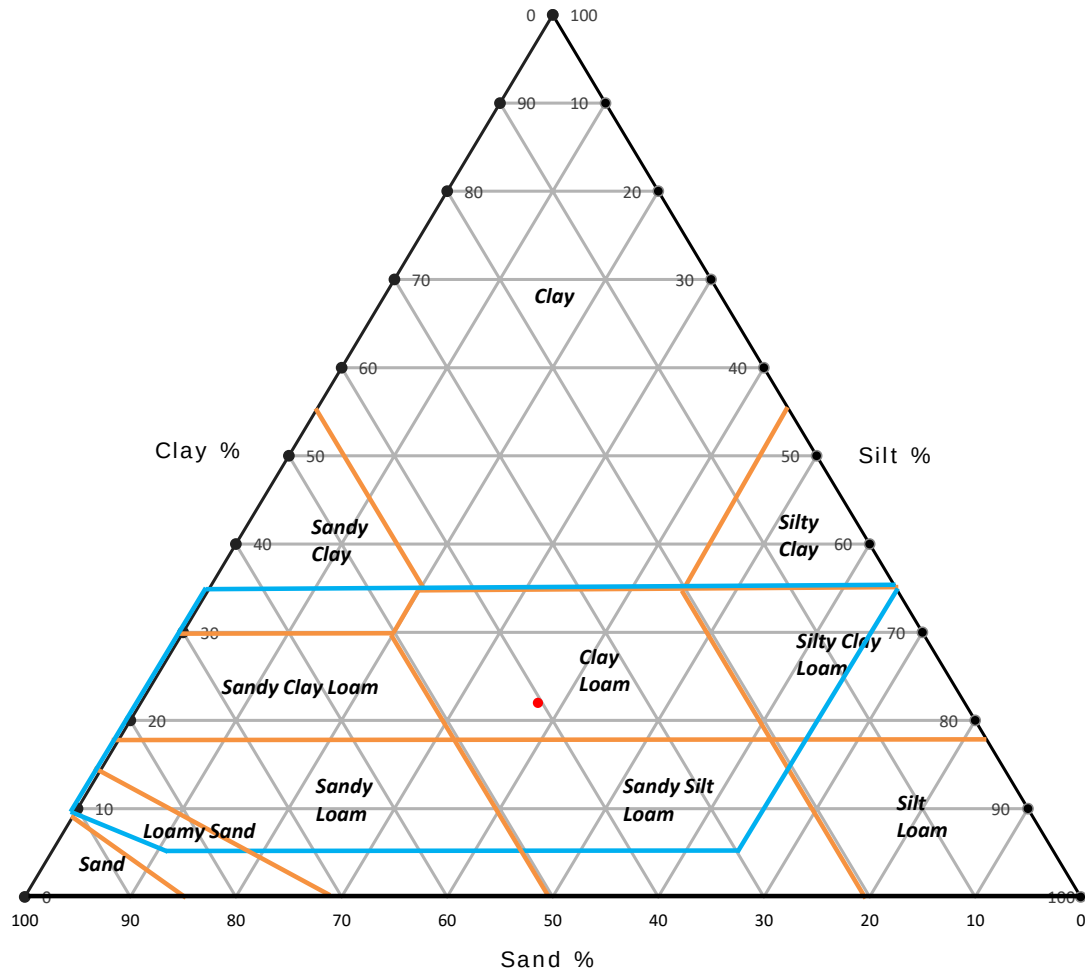
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REPORT INFORMATION

Report No.:26-06540, issue number 1

Key	
U	ISO17025 Accredited Result
M	ISO17025 and MCERTS Accredited Result
N	Do not currently hold accreditation
^	MCERTS accreditation not applicable for sample matrix
*	ISO17025 accreditation not applicable for sample matrix
S	Subcontracted
I/S	Insufficient Sample
U/S	Unsuitable sample
N/T	Not tested
<	Means "less than"
>	Means "greater than"

LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination.

This report shall not be reproduced except in full, without prior written approval.

Opinions and interpretations expressed herein are outside the UKAS accreditation scope.

All testing carried out at Unit 6 Parkhead, Stanley, DH9 7YB, except for subcontracted testing.

The results relate only to the sample received.

Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Moisture Content Calculated on a Wet Weight basis (at 30°C)

Unless otherwise stated, Chemtech Environmental Ltd was not responsible for sampling.

Where sampling was undertaken by Chemtech Environmental Limited it is outside the UKAS accreditation scope.

Methods, procedures and performance data are available on request.

Results reported herein relate only to the material supplied to the laboratory.

BTEX compounds are identified by retention time only and may include interference from co-eluting compounds.

For soils and solids, all results are reported on a dry basis (30°C). Samples dried at no more than 30°C in a drying cabinet.

For soils and solids, analytical results are inclusive of stones and 'inert' material, where applicable.

'Client Reference', 'Sample ID', 'Sample Location', 'Sample Type', 'Depth', 'Sample Date' and 'Sample Time' information is provided by the customer

Sample Retention and Disposal

All soil samples will be retained for a period of 4 weeks from the point of receipt

All water samples will be retained for a period of 2 weeks from the point of Reporting

Charges may apply to extended sample storage

TPH Classification - HWOL Acronym System

HS	Headspace analysis
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent
CU	Clean-up - e.g. by florisil, silica gel
1D	GC - Single coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
2D	GC-GC - Double coil gas chromatography
#1	EH_Total but with humics mathematically subtracted
#2	EH_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry

Unless specifically identified (noted as "(B)" in analyte name) all internal analysis performed at Durham site

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Statement of Conformity

Statement of Conformity

Where Chemtech reports a statement of conformity to a specification, the decision rules applied are derived from the Ilac document ILAC G8:09/2019.

Acceptance limits (AL), applied are derived from the tolerance limits (TL) by you the client or applicable standard (e.g. 2003.33.EC Council Decision, BS3882, BS8601)

Agreed and reported Decision Rule:

"PASS" if the result < TL, and the bias / precision values for the process meet the targets defined within the methodology and/or applied accreditation.

Reported Decisions:

Result < TL for determinands: PASS

Result > TL for determinands: FAIL

Definitions Used:

Acceptance limit (AL) Specified upper or lower bounds of permissible measured quantity values.

Tolerance limit (TL) Specified upper or lower bound of permissible values of a property.

Accreditation of WAC/BS3882/BS8601

Accreditation in Soil to MCERTS is only applicable for specific matrix types identified as soil (Sand/Loam/Clay) during the sample assessment

If the sample is classified as not soil, no accreditation is conveyed

Agricultural Land Classification (ALC)

The Agricultural Land Classification (ALC) provides a framework for classifying land according to the extent to which its physical or chemical characteristics impose long-term limitations on agricultural use. The limitations can operate in one or more of four principal ways: they may affect the range of crops which can be grown; the level of yield; the consistency of yield and the cost of obtaining it. The classification system gives considerable weight to flexibility of cropping, whether actual or potential, but the ability of some land to produce consistently high yields of a somewhat narrower range of crops is also taken into account.

These factors form the basis for classifying agricultural land into one of five grades (with Grade 3 land divided into Subgrades 3a and 3b since the guidelines were revised in 1988), ranked from Excellent (Grade 1) to Very Poor (Grade 5). ALC grading is determined using the Ministry of Agriculture Food and Fisheries (MAFF) '*Agricultural Land Classification of England and Wales – Revised guidelines and criteria for grading the quality of agricultural land*'.

Definition of Agricultural Land Classification Grades

ALC Grade	Description
Grade 1	Excellent quality agricultural land No or very minor limitations to agricultural use.
Grade 2	Very good quality agricultural land Minor limitation which affect crop yield, cultivation or harvesting.
Subgrade 3a (pre-1988 Grade 3)	Good quality agricultural land Capable of producing moderate to high yields of a narrow range of arable crops or moderate yields of a wider range of crops.
Subgrade 3b (pre-1988 Grade 3)	Moderate quality agricultural land Capable of producing moderate yields of a narrow range of arable crops and/or lower yields of a wider range of crops.
Grade 4	Poor quality agricultural land Severe limitations which significantly restrict the range of crops and/or levels of yield.
Grade 5	Very poor quality agricultural land Very severe limitations which restrict use to permanent pasture or rough grazing.

Best and Most Versatile (BMV) Agricultural Land

The National Planning Policy Framework (NPPF) (Department for Communities and Local Government, 2012) defines Best and Most Versatile (BMV) agricultural land as land of Excellent (ALC Grade 1), Very Good (Grade 2) and Good (Grade 3a) agricultural quality. BMV land is provided a degree of protection against development within planning policy, with most Local Plans including specific policies which refer to the protection of BMV agricultural land.

Non-BMV agricultural land, i.e. Moderate, Poor and Very Poor quality agricultural land is designated subgrade 3b or Grades 4 and 5 respectively, and is restricted to a narrower range of agricultural uses. Limited to no protection is provided against development on this grade land within planning policy.

Limiting Factors

Main Factor	Sub Factor	Explanation
Climatic Limitations	Overall Climatic Limitation	Using a dataset of five parameters, as set on a 5km grid for the whole of the UK, the site climatic values are used to determine if there is an overriding limiting factor for the site with regard to the wider climate.
	Local Climatic Factors	Where the above climatic factors are liable to be modified by local factors such as aspect, gradient and elevation then one or more of these factors may become a limiting factor for the site.
Site Limitations	Gradient	Gradient may have an impact on mechanised farm operations and also on soil erosion. The ALC grade limitations with reference to gradient are given in Table 1 of the MAFF guidance.
	Microrelief	Complex changes in slope angle and direction over short distances may have an impact on agricultural machinery. The effect of microrelief is considered in conjunction with overall gradient.
	Flooding	The extent, duration, frequency and timing of flooding may have an influence over the ALC Grade and could become the limiting site factor. The ALC grade limitations with reference to flooding are given in Tables 2 and 3 of the MAFF guidance.
Soil Limitations	Soil Texture and Structure	Soil texture and structure can influence the water retention, water movement and aeration of the soil and therefore affect the workability, trafficability, poaching risk and suitability for plant growth. Soil texture is determined by the proportions of sand, silt and clay and is used to assess the wetness class of the soil.
	Soil Depth	Soil depth can influence the available water capacity of the soil, restrict nutrient uptake, root growth and root anchorage. The ALC grade limitations with reference to soil depth are given in Table 4 of the MAFF guidance.
	Stoniness	Stone content can influence the cultivation, harvesting and crop growth and may negatively impact machinery. The ALC grade limitations with reference to stoniness are given in Table 5 of the MAFF guidance.
	Chemical Limitations	Certain physical limitations may limit soil chemical properties, such as saline conditions, organic matter and toxic elements.
Interactive Limitations	Soil Wetness	Soil wetness is assessed using a combination of factors including climate, soil water regime and soil texture. The ALC grade limitations with reference to soil wetness are given in Tables 6 and 7 of the MAFF guidance.
	Droughtiness	Soil droughtiness is assessed using a combination of factors including available water capacity, moisture deficit, moisture balance and irrigation. The ALC grade limitations with reference to droughtiness are given in Table 8 of the MAFF guidance.
	Soil Erosion	Soil erosion may be caused by wind or water action and is determined by interactions between weather, soil type, topography and vegetation cover.

Soil Series

Soil series is the lowest categorical level used for classifying soils in England and Wales. According to the Soil Survey of England and Wales 1984:

"Soil series are defined using a combination of three main properties, the broad type of parent material present (substrate type), the texture of the soil material (textural grouping) and the presence or absence of material with a distinctive mineralogy."

Higher categories are: Major Soil Group, Soil Group, and Soil Subgroup, which are not explicitly used in this report.

Soil Association

A soil association is a geographic grouping of soils identified by the name of the most frequently occurring soil series and by the combination of additional soil series.

Gleying

Gleying is the process of iron reduction (opposite to oxidation) in soils from ferric (reddish in colour) to ferrous compounds (grey or colourless), by microorganisms or by-products of decomposing organic matter. Gleying occurs in areas devoid of oxygen when the soil is waterlogged. The resulting mottling (spots or blotches of colour) can therefore be used to identify the existence of a Slowly Permeable Layer (SPL); as defined within the MAFF ALC guidance.

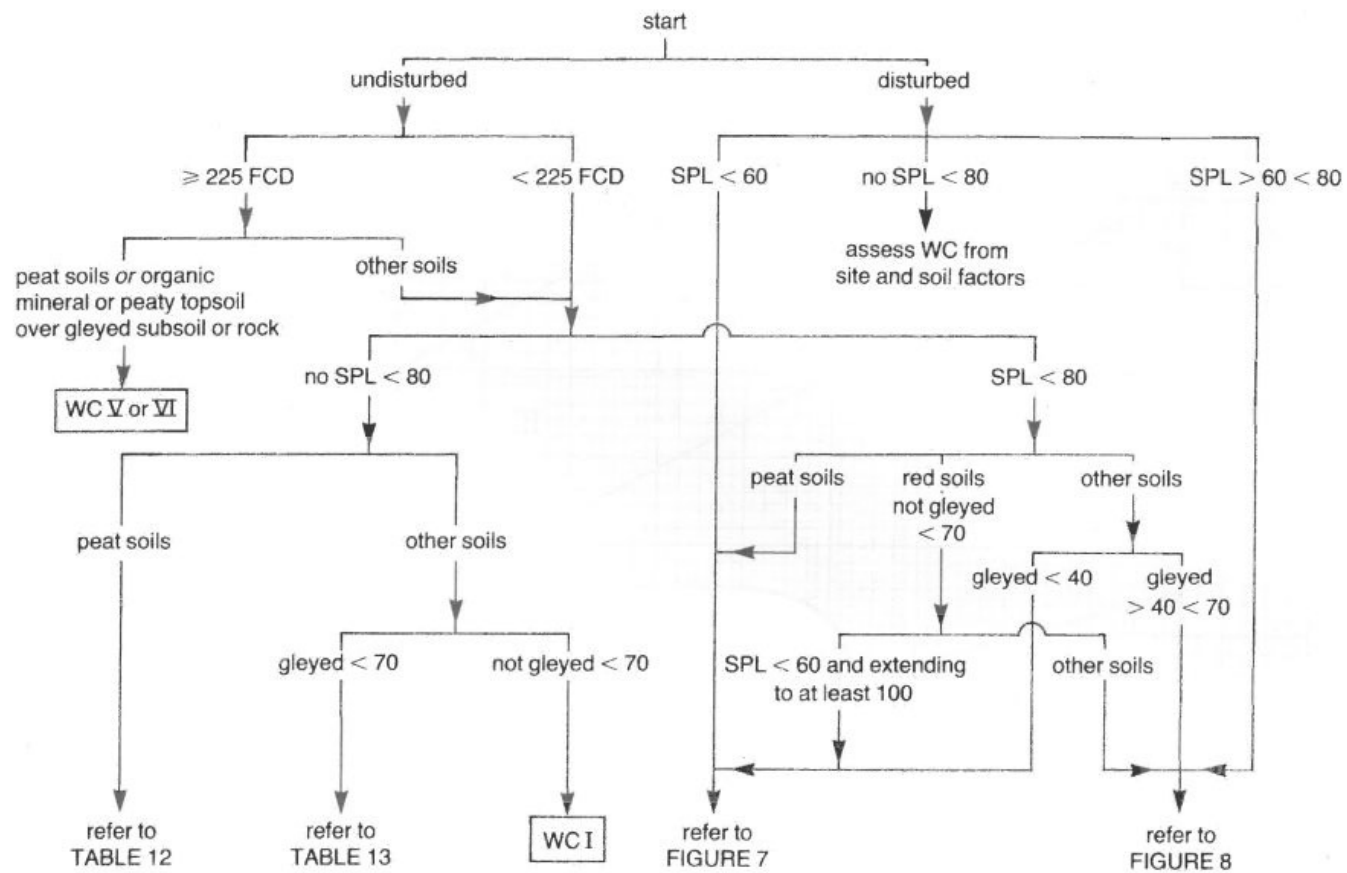


Figure 6. Flow diagram for assessing soil wetness class (WC) from field capacity days (FCD), depth to gleying (in cm) and depth to a slowly permeable layer (SPL, in cm)

Figure 6