Meridian Solar Farm

EN010169

Volume 6

Environmental Statement

6.3 ES Appendix 5-2: Agricultural Land Classification Report – Parcels A and D

APFP Regulation 5(2)(a)

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

March 2026

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Tables

Note:

This report uses draft Order Limits from earlier stages of the pre-application process. Any changes to the Order Limits introduced since this report was prepared do not change the outcomes or conclusions of this report.

1. Scope and Objectives

The Services	Agricultural Land Classification (ALC) Report	
The Client	AECOM Ltd	
Appointment Details	The Services have been carried out in accordance with the Proposal dated 10 June 2025 and REL's Terms and Conditions of Engagement, (together "the Agreement") as accepted by the Client on 30 June 2025.	
Site Name	Meridian Solar (Parcels A & D).	
Site Address	Cloot Drove, Peterborough PE6 0JL ("the Site").	
Proposed Development	The site is to be developed for photovoltaic farm areas with associated infrastructure.	
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 Sources	Natural England Provisional Agricultural Land Classification Grade (pre-1988), accessed via Magic Web Mapping Service, DEFRA, 2025.
		Natural England Agricultural Land Classification Grades Post-1988 Surveys (Polygons) Database and Mapping, accessed via Magic Web Mapping Service, DEFRA, 2025.
		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 158 (Peterborough), available on the BGS map portal.
		Google Historic Satellite Imagery.
		National Library of Scotland Historical Ordnance Survey England and Wales, 1830s-1974 Maps.

	Documentation Source	Soil Classification for Soil Survey, Monographs on Soil Survey, Butler, B E (1980), Clarendon Press, Oxford.
		Hodgson, J.M (ed.) (2022). Soil Survey Field Handbook. 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 Eastern England, 1984, Soil Survey of England and Wales Memoir and accompanying 1:250,000 scale map.
	Previous Reports	A Post-1988 ALC report is available for the site dated June 2024 (ref: 2091/1). Further details are provided in Section 4 of the report.
	Site Works	The Agricultural Land Classification was undertaken by REL in August 2025.

2. Site Details

National Grid Ref.	For the purpose of this report, the surveyed area has been divided into two separate areas (Area 1 and Area 2), with the area locations defined in Figure 2 below. Approximate centre of Area 1 (Land Parcel A): 524616, 313593. Approximate centre of Area 2 (Land Parcel D): 534762, 314952.
Ground Level Topography	Range 0m-5m AOD, average for the investigation site: c.1m AOD.
Site Area	Total 573.14 hectares (ha), comprising Area 1 (198.80ha) and Area 2 (374.34ha).
Location	The investigation areas are located approximately 9.7km southeast of the town of Spalding, Area 1 is located off Wash Bank adjacent to the north, with Cloot Drove intersecting the area centrally. Area 2 is located off Holbeach Drove Gate intersecting the area centrally. The A16 is located approximately 1.3km east of Area 1, providing a link to the city centre of Peterborough 21.3km to the southwest and Boston town centre 32.1km to the northeast.

Figure 1: Site Investigation Boundaries (highlighted in red)

Figure 2: Site Investigation Areas (highlighted in red)

Current Site Description and Usage	The subject site comprises agricultural fields which are currently used for arable crop (based on observations made during the site visit), the crop was viewed as wheat, cereals and maize with areas comprising maintained grassland.
Surrounding Land Uses	Surrounding land uses of each area comprise agricultural fields around the entire sites.
Site History	From the earliest mapping dated 1830s, the site is shown as agricultural land.
Current Grading	The majority of Areas 1 and 2 are currently mapped as Grade 2 with an area in the southwestern corner of Area 2 mapped as Grade 1 on the provisional 1: 250,000 scale ALC map (MAFF, 1983); see **Appendix V** for key to the gradings. In addition, a Post-1988 ALC survey (Ref: 05791) has identified ALC Grade 1, 2 and 3a on land adjacent to the east of Area 1.

3. Methodology

3.1. Desk Study

3.1.1. 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.

3.1.2. 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).

3.1.3. 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.

3.2. Intrusive Soil Survey

3.2.1. 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.

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

3.3. Constraints

3.3.1. During the intrusive soil survey, approximately 27.95ha of land was inaccessible due to dense maize crops and vegetation, and 75.47ha of land was inaccessible due to the presence of Unexploded Ordinance (UXO) risk. (see Section 2). The) the proposed sampling density was not fully achieved due to inaccessible areas in Area 1 and 2.

Figure 3: Proposed Auger Locations within Inaccessible Areas for Area 1 (Highlighted in Red (inaccessible areas) and Grey (not surveyed)

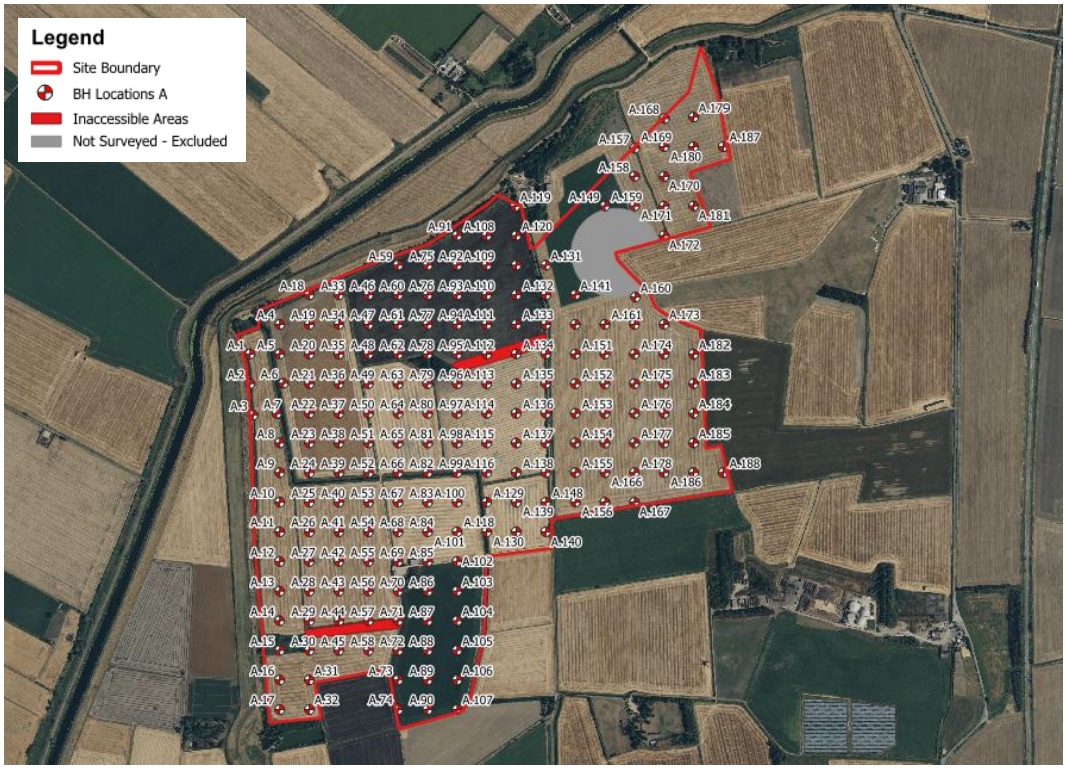
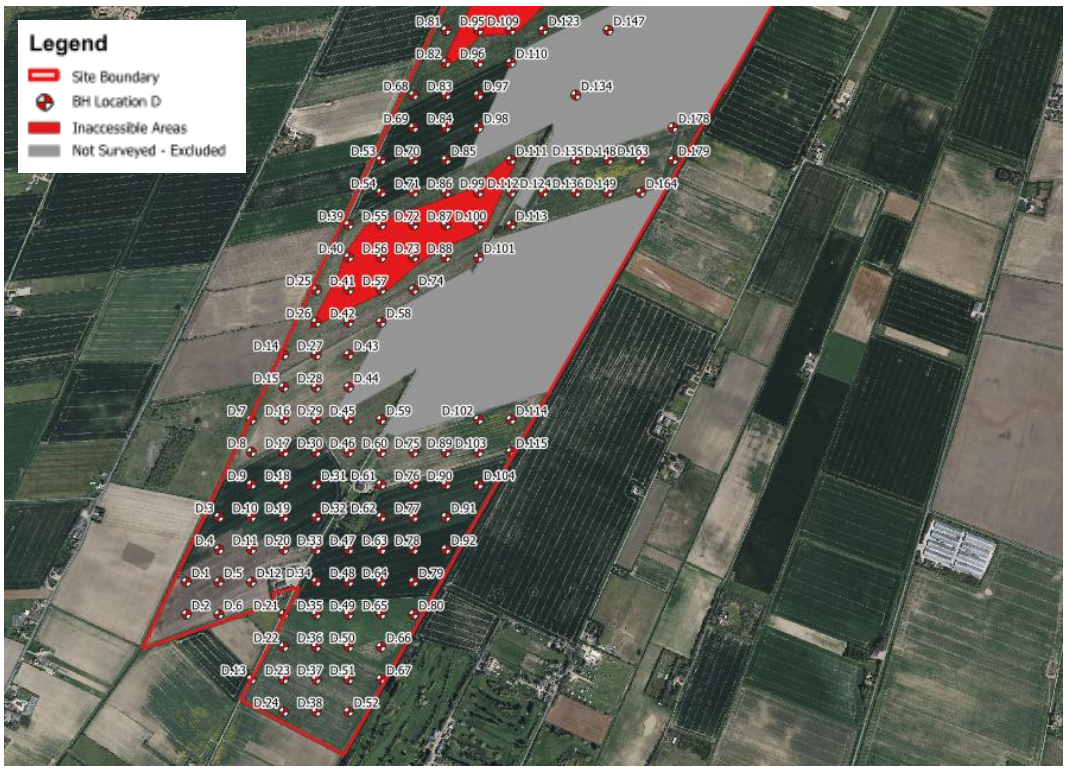


Figure 5: Proposed Auger Locations within Inaccessible Areas for the Southern Portion of Area 2 (Highlighted in Red (inaccessible areas) and Grey (not surveyed))



3.3.2. Figure 3, Figure 4 and Figure 5, show extracts of the inaccessible areas in Area 1 and 2

3.4. ALC Grade Assessment

3.4.1. 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.

3.4.2. 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 site plan is included in **Appendix I** to visually demonstrate the distribution of ALC grades. A brief overview of relevant terminology is included in **Appendix V**.

3.4.3. Any areas of the site which were inaccessible during the survey were extrapolated based on the properties of the adjacent site areas and available soil mapping. Where extrapolation of data based on adjacent sample points has not

been possible due to degree of surrounding grade variance, these areas have been excluded from this assessment (see **Appendix I**).

3.5. Analysis

3.5.1. During the analysis stage, the ALC grade has been calculated on a point-by-point basis, with features of wetness class (Slowly Permeable Layer and Gleying) analysed from each auger sample. To support the field assessment, laboratory analysis of selected topsoil samples has been undertaken. These provide confirmation of physical characteristics of the soils and have been used alongside field observations to inform the final ALC grading. The laboratory results are presented in **Appendix VI**.

3.5.2. However, a degree of variability in physical characteristics within a discrete area is to be expected. Areas of land may be found to include a small portion of land at a different quality to that surrounding it; these results may be anomalous or the product of changes in other physical features such as flooding, superficial geology and bedrock geology.

3.5.3. In the event of this, it is a generally accepted method to judge grading according to the severity of surrounding limitations imposed by the cropping and land management, i.e., if discrete areas of differing grades are not evidently managed or cropped differently, with no visual evidence of a difference to vegetation quantity or quality, it would be a reasonable approach to show the most prominent grade within each area. This approach more accurately reflects the practical use and operational management of the land.

3.5.4. As such, ALC grades on the basis of both, auger-by-auger point analysis and field average approach have been presented in this report.

4. Desk Based Reconnaissance

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

4.2. Climate Data

4.2.1. 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 1 Site Centre Grid Reference: 524616, 313593)		
Average Annual Rainfall (mm)	AAR	556.75
Accumulated Temperature (˚C)	ATO	1449.03
Field Capacity Duration (Days)	FCD	96.75
Moisture Deficit Wheat (mm)	MDWHT	119.05
Moisture Deficit Potatoes (mm)	MDPOT	114.57
(Area 2 Site Centre Grid Reference: 534762, 314952)		
Average Annual Rainfall (mm)	AAR	541.75
Accumulated Temperature (˚C)	ATO	1446.46
Field Capacity Duration (Days)	FCD	92.50
Moisture Deficit Wheat (mm)	MDWHT	120.03
Moisture Deficit Potatoes (mm)	MDPOT	116.03

4.2.2. The site is identified to have below average AAR with average ATO and FCD when compared to the mapped values for the area south of Spalding (Soils and their Use in Eastern England, 1984).

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

4.3. Topography

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

4.4. BGS Published Data

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

4.4.2. The site is situated within an area of superficial Tidal flat deposits (Sand and Silt).

4.4.3. The bedrock geology in the northern portion of Area 1 is indicated as the West Walton Formation (Mudstone and Siltstone), with the bedrock geology in the southern portion indicated as the Oxford Clay Formation (Mudstone).

4.4.4. Area 2 is mainly underlain by bedrock geology named the West Walton Formation and Ampthill Clay Formation (Undifferentiated Mudstone), with areas in the north indicated as the West Walton Formation (Mudstone and Siltstone) and the potential for the Oxford Clay Formation (Mudstone) to encroach in the southwest.

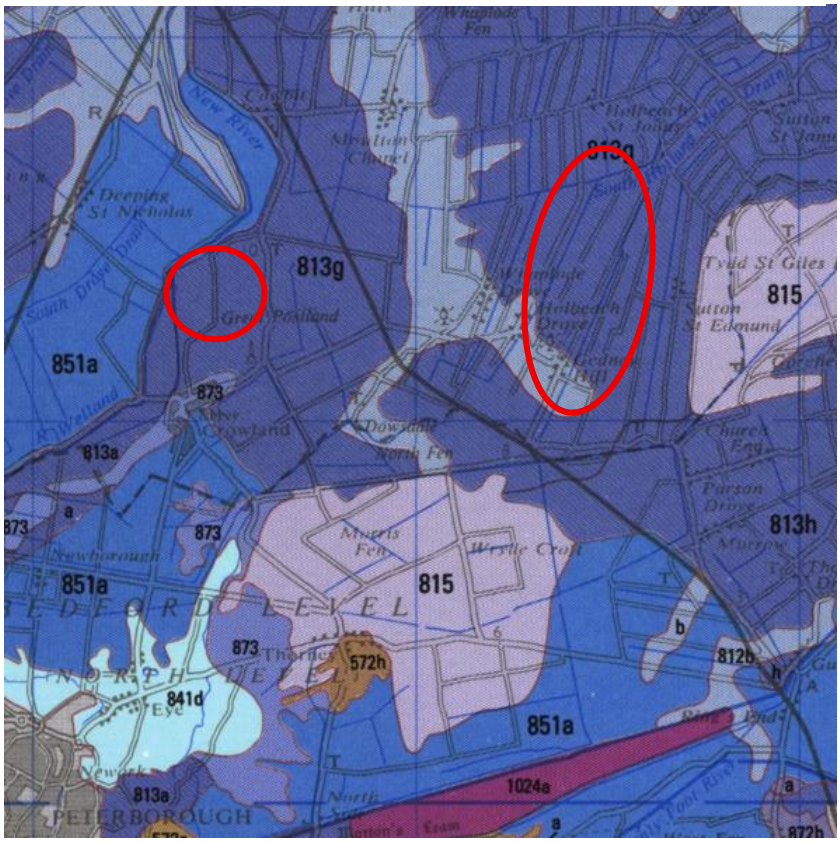
4.5. Published Soils Data

4.5.1. Soils mapping for the area as shown on Soils and their use in Eastern 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 6.

4.5.2. The soils mapping suggests the soils on site comprise the Wallasea 2 Association, with the potential for soils of the Wisbech Association to encroach on the south of Area 2. The soils are described as follows:

- Wallasea 2 Association (813g) - Deep stoneless clayey soils. Calcareous in places. Some deep calcareous silty soils. Flat land often with low ridges giving a complex soil pattern. Groundwater controlled by ditches and pumps.
- Wisbech Association (812b) - Deep stoneless calcareous coarse silty soils. Groundwater usually controlled by ditches or pumps. Flat land with low ridges. Risk of wind erosion locally.
-

Figure 6: Soils Mapping for the Site and Surrounding Area



4.6. Previous Reports

4.6.1. A post-1988 ALC survey is available for the site dated June 2024 (ref: 2091/1), this reconnaissance survey identified a mix of mainly ALC grades 2, 3a and 3b. some discrete points were additionally identified with an ALC grade of 1. Provisional DEFRA mapping would indicate that the site is a mix of ALC Grade 1 and 2.

4.7. Flood Risk Assessment

4.7.1. REL have been provided with the following previous third-party report relating to the flood risk on site:

- **ES Appendix 11-3: Flood Risk Assessment** (Doc Ref. 6.3)

4.7.2. Following a review of the above-referenced report, it was noted that AECOM Ltd undertook a Flood Risk Assessment (FRA) to consider the potential flood risk to be present on site for the proposed development of photovoltaic farm areas with associated infrastructure, referred to as Solar Development Area.

4.7.3. AECOM Ltd reported that the flood risk present from fluvial flooding for the Solar Development Area is High, with the majority of the site located within Flood Zone 2 and 3 (High Probability) areas. Long term flooding is additionally shown to be low to medium risk, which takes into consideration the presence of flood defences, which are noted as an inner embankments, water storage area and outer embankment.

Figure 7: Flood Risk Present from Rivers and the Sea for Area 1 (site boundary defined in red)

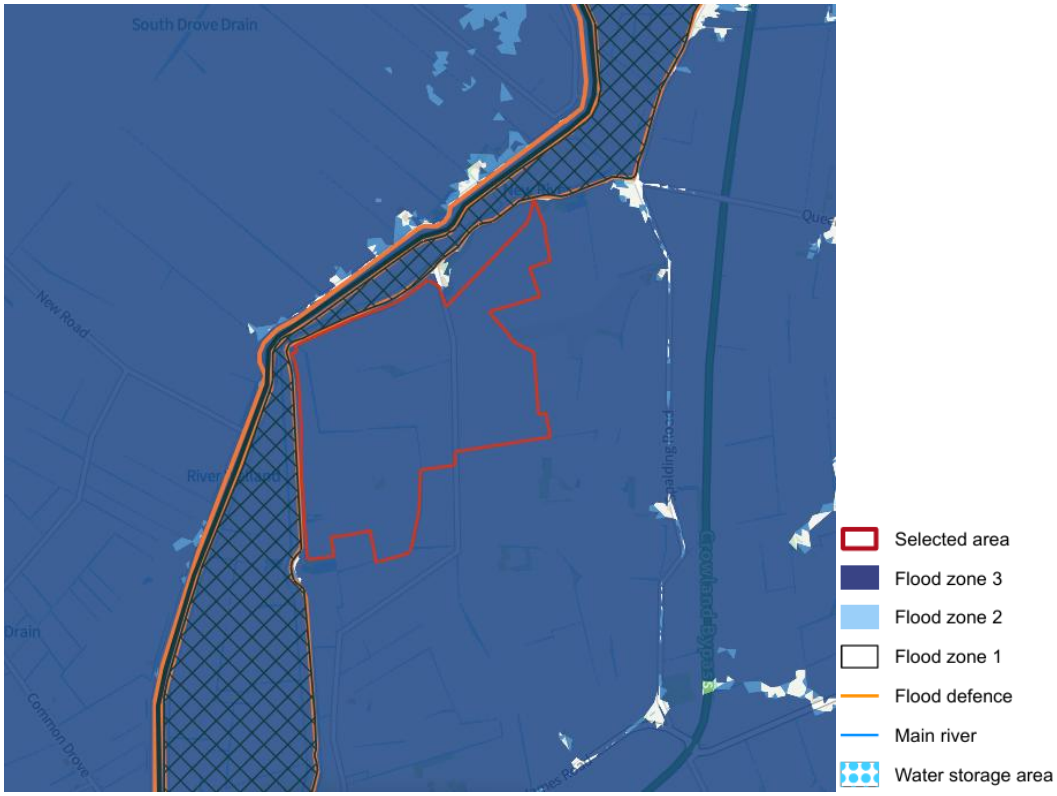
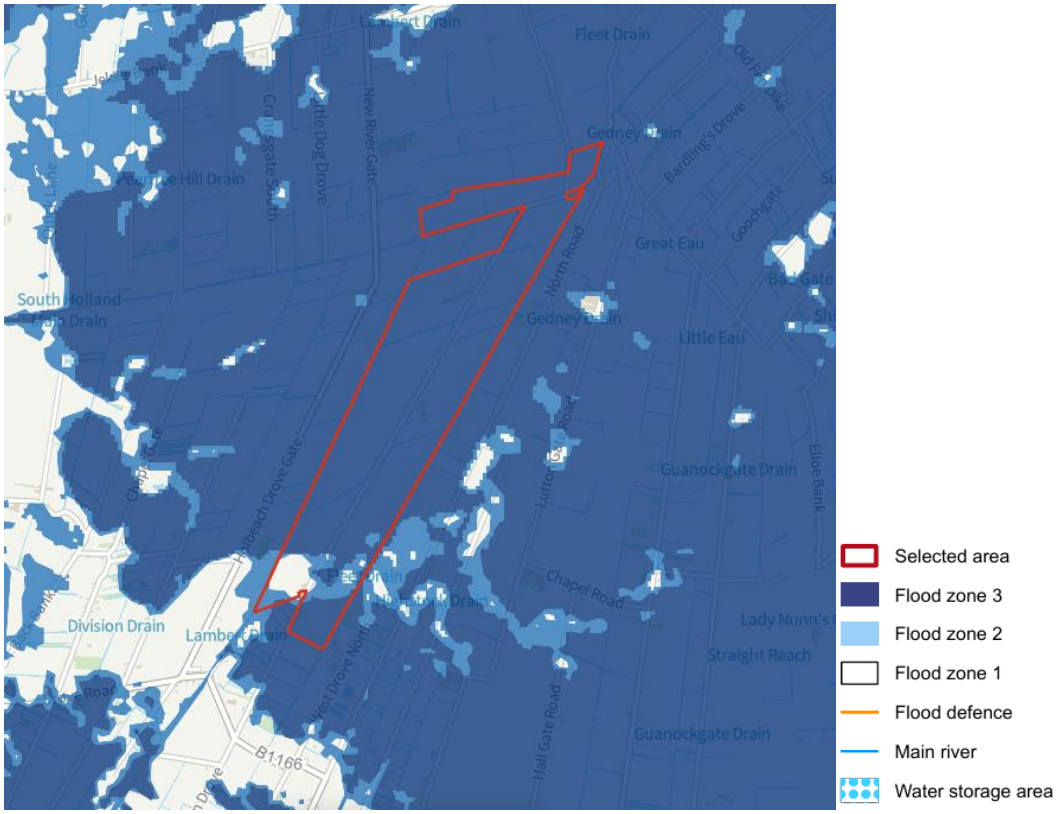


Figure 8: Flood Risk Present from Rivers and the Sea for Area 2 (site boundary defined in red)



4.7.4. The interactive EA Flood Map for Planning on the UK Government website identifies the site to be within a Flood Zone 3 (High Probability) area (Figure 7 and Figure 8).

Figure 9: Long Term Local Flood Risk from surface water flooding for Area 1 (site boundary defined in red)

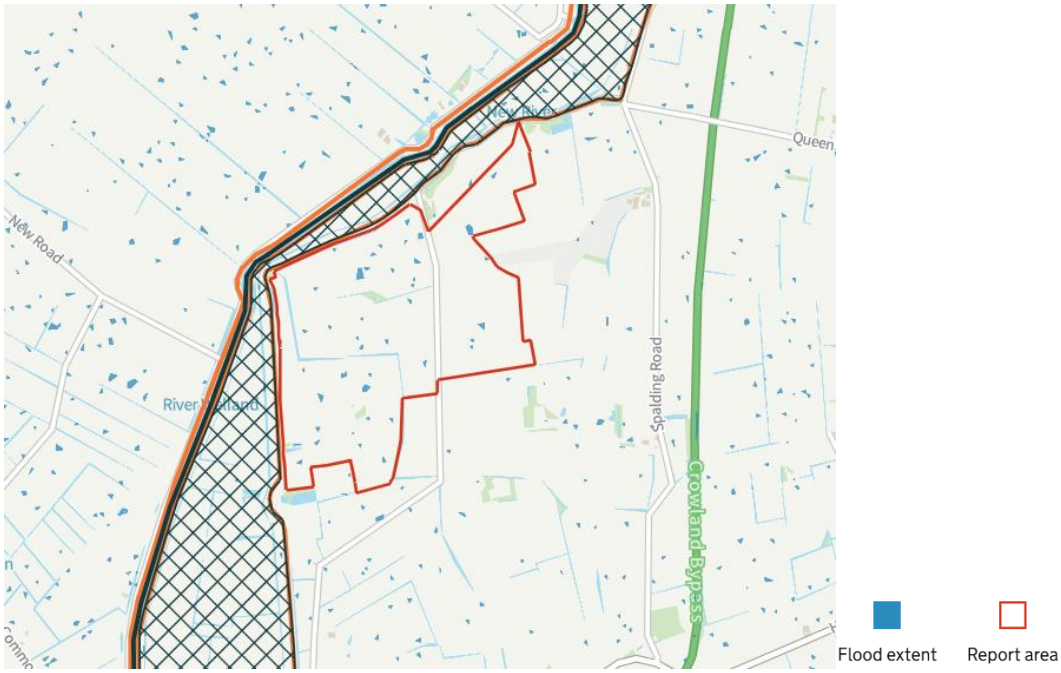
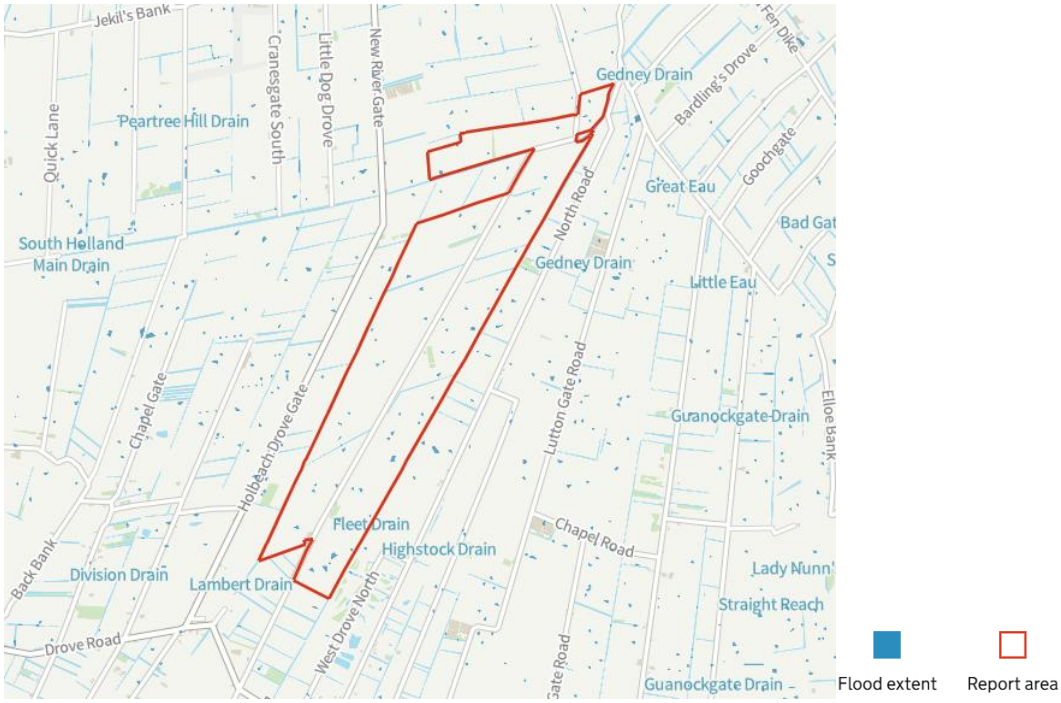


Figure 10: Long Term Local Flood Risk from surface water flooding for Area 2 (site boundary defined in red)



4.7.5. Figure 9 and Figure 10 show that each area has a number of discrete areas indicated as having a Low Risk from surface water flooding.

4.7.6. 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 in Tables 2 and 3 (MAFF, 1988).

4.7.7. The mapping (as shown in Figures 7 and 8) identifies a High risk of flooding from rivers and the sea within the boundary of the site, therefore there is a potential for some areas of the site to have an ALC Grade limitation due to flood risk. However, due to the presence of a flood defence in fair condition located between the site and main river, The long term flood risk to the site is low-medium and therefore it is unlikely that the cultivation of the site is limited by flooding events. As such there is no limitation to ALC grade from flooding.

5. Intrusive Survey Findings

5.1.1. The survey identified Two Soil Types across the entire site. Generalised profiles of the soil types encountered have been described as below (Table 2) however, please note 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 2: Summary of Soils Identified on Site

	Depth (cm)	Texture	Colour	Stones (%)	Mottles	Structure
Soil Type 1	0-35	Heavy Silty Clay Loam (HZCL)	Very Dark Greyish Brown (10YR 3/2)	0	No	Coarse Subangular Blocky
	35-80	Silty Clay (ZC)	Dark Brown (7.5YR 3/2)	0	Few Fine Ochreous (2.5YR 4/6) Mottles	Coarse Prismatic
	80-120	Sandy Clay (SC)	Brown (10YR 4/3)	0	Many Ochreous (10YR 4/6) and Grey (2.5Y 5/1) Mottles	Coarse Prismatic
Soil Type 2	0-40	Medium Silty Clay Loam (MZCL)	Dark Brown (10YR 3/3)	0	No	Medium Subangular Blocky
	40-90	Very Fine Sandy Silt Loam (vfSZL)	Dark Brown (10YR 3/3)	0	Few Fine Ochreous (7.5YR 5/8) and Grey (7.5YR 6/1) Mottles	Fine Subangular Blocky
	90-120	Silty Clay (ZC)	Dark Yellowish Brown (10YR 4/4)	0	Many Ochreous (7.5YR 5/8) and Grey (7.5YR 6/1) Mottles	Coarse Prismatic

5.1.2. 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 3 below with a plan of the distribution of the soil types across the site shown in **Appendix I**

Table 3: Wetness lass 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	Wetness Class
Soil Type 1	No	<225	At a depth of 35cm, the SPL was identified to be present due to the following characteristics: • Silty Clay (ZC) • coarse prismatic structure • moderately developed less than 0.50% biopores greater than 0.50mm diameter • evidence of wetness in the layer; ochreous mottles	Other	Gleying was not identified to be present within the top 120cm.	Figure 7	III
Soil Type 2	No	<225	At a depth of 90cm, the SPL was identified to be present due to the following characteristics: • Silty Clay (ZC) • coarse prismatic structure • moderately developed • less than 0.50% biopores greater than 0.50mm diameter • evidence of wetness in the layer; ochreous mottles	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.

5.2. Soil Type 1 – Wetness Limitation

5.2.1. The majority of Area 1 and 2 has been identified with the combination of the topsoil texture (Heavy Silty Clay Loam), Wetness Class (III) and the number of Field Capacity Days (<126), together with the topsoil being calcareous results in ALC Grade 3b for Type 1 soils.

5.2.2. A total of 55.47ha in Area 1 and 23.31ha in Area 2 has been identified with the combination of the topsoil texture (Medium Silty Clay Loam), Wetness Class (III) and the number of Field Capacity Days (<126), together with the topsoil being calcareous results in ALC Grade 3a for Type 1 soils.

5.2.3. A total of 9.92ha in Area 2 has been identified with the combination of the topsoil texture (Heavy Silty Clay Loam), Wetness Class (I) and the number of Field Capacity Days (<126), which results in ALC Grade 2 for Type 1 soils.

5.3. Soil Type 2 - Wetness Limitation

5.3.1. The combination of the topsoil texture (Medium Silty Clay Loam), Wetness Class (I) and the number of Field Capacity Days (<126) results in ALC Grade 1 for Type 2 soils.

6. Conclusions

6.1.1. The ALC grading for the site area is summarised below within Table 4, 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 4: ALC Classification Point by Point analysis

ALC Grade	Area (Ha)	Percentage
Grade 1	23.36	3.6%
Grade 2	9.92	1.53%
Subgrade 3a	78.69	12.15%
Subgrade 3b	451.31	69.69%
Grade 4	0.0	0.0%
Grade 5	0.0	0.0%
Non-Agricultural	9.86	1.52%
Not Surveyed	74.49	11.50%
Total Site Area	647.63	**100%**
Not Surveyed	74.49	11.50%
Total BMV	111.97	17.29%
Total Non-BMV	461.17	71.21%
Total Site Area	**647.63**	**100%**

Table 5: ALC Classification field averages

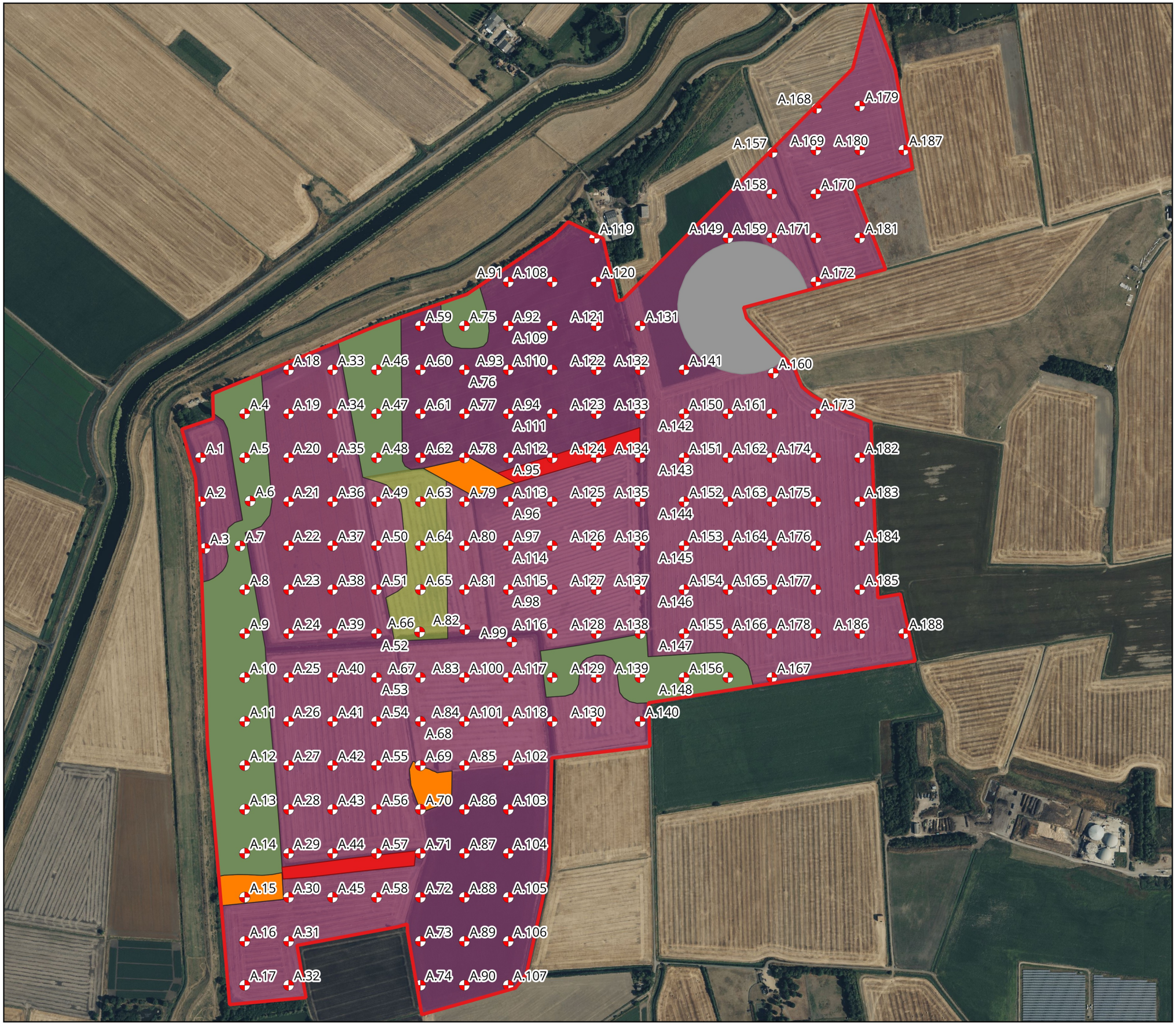
ALC Grade	Area (Ha)	Percentage
Grade 1	21.35	3.3%
Grade 2	0.0	0.0%
Subgrade 3a	77.34	11.94%
Subgrade 3b	464.59	71.74%
Grade 4	0.0	0.0%
Grade 5	0.0	0.0%
Non-Agricultural	9.86	1.52%
Not Surveyed	74.49	11.50%
Total Site Area	647.63	100%
Not Surveyed	74.49	11.50%
Total BMV	98.69	15.24%
Total Non-BMV	474.45	73.26%
Total Site Area	647.63	100%

6.2. Overall Site ALC Grade and Conclusions

6.2.1. The methods of point-by-point and field average data did not generate a significant variation to the presented grades in tables 4 and 5, it would be justifiable for the purpose of this report to adopt the field average approach as there was no in field evidence that variable grades within the same land parcel were managed differently. Based on field average data, the majority of land surveyed as part of this assessment has been identified as ALC Grade 3b (464.59ha), with approximately 21.35ha identified as ALC Grade 1, and 77.34ha identified as ALC Grade 3a due to wetness limitation. As such, Best and Most Versatile (BMV) land has been identified on 15.24% of the overall site area.

7. Appendices

Appendix I - Site Plans



Legend

- Site Boundary
- BH Locations A
- Inaccessible Areas
- Not Surveyed - Excluded
- Soil Type 1
- Soil Type 2
- Non-Agricultural

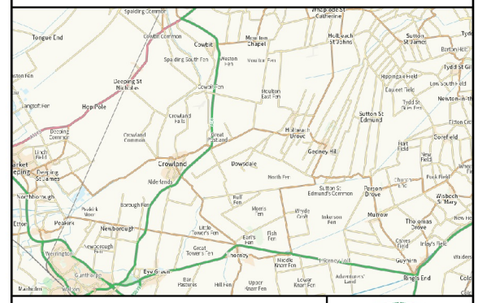
0 80 160 240 320 400 m

N

Figure	Auger Sample locations and Soil Types
Job	Meridian Solar Farm
Client	AECOM

Figure No.	Revision	Date
1	1	30 September 2025
Drawn by	**Checked by**	**Scale**
SS	EH	1:8,100

Job No. 250635



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Legend

- Site Boundary
- BH Location D
- Inaccessible Areas
- Not Surveyed - Excluded
- Soil Type 1
- Soil Type 2
- Non-Agricultural

0 100 200 300 400 500 m

N

Figure	Auger Sample locations and Soil Types
Job	Meridian Solar Farm
Client	AECOM

Figure No.	Revision	Date
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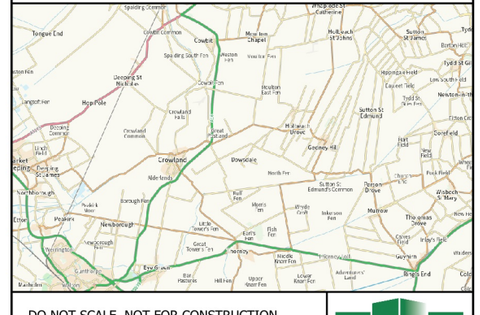
Job No. 250635



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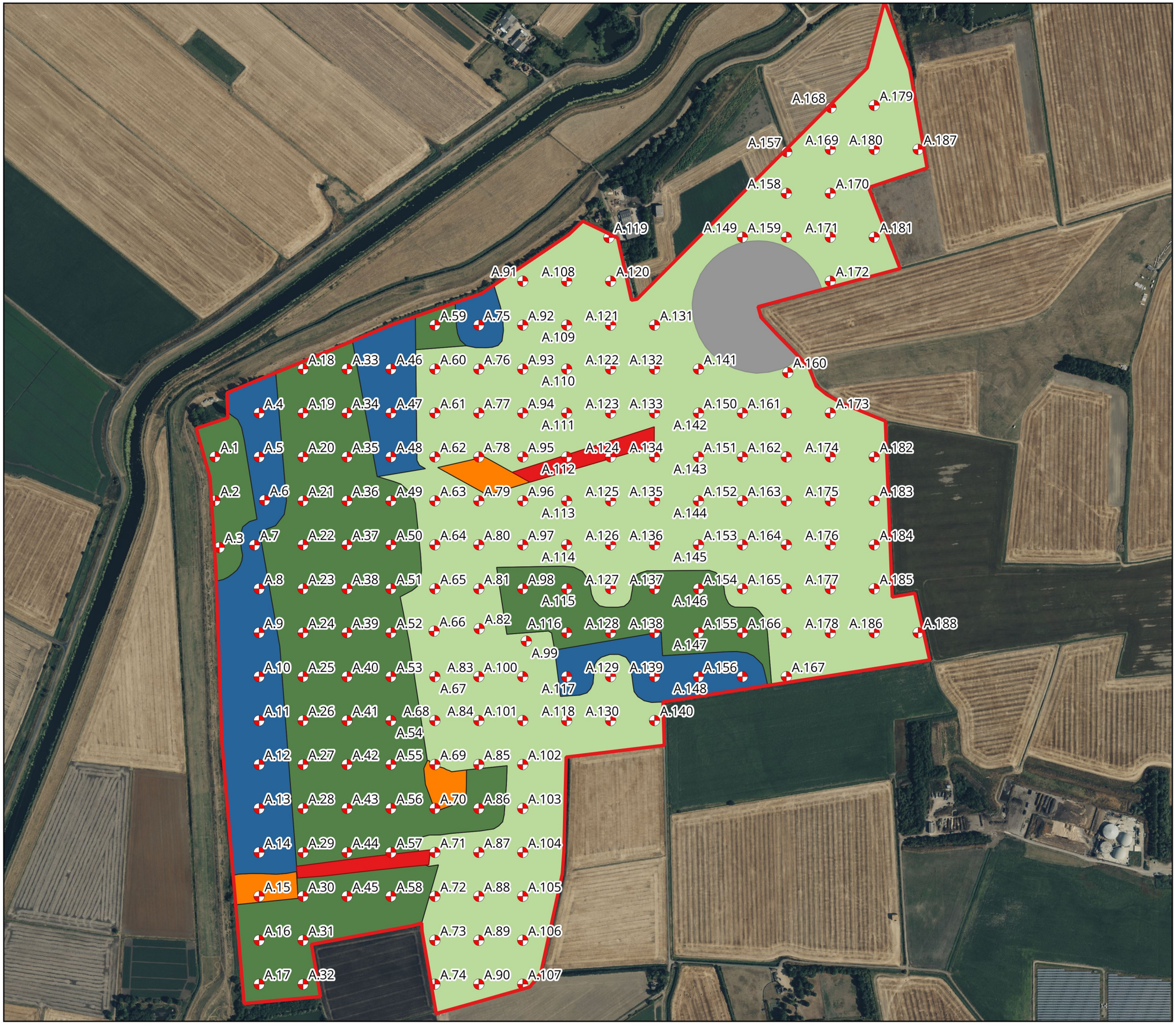

Legend

- Site Boundary
- BH Locations A
- Inaccessible Areas
- Not Surveyed - Excluded
- Non-Agricultural
- ALC Grade 1
- ALC Grade 3a
- ALC Grade 3b

0 80 160 240 320 400 m

N

Figure	Auger Sample locations and ALC Grades
Job	Meridian Solar Farm
Client	AECOM

Figure No.	Revision	Date
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Drawn by	**Checked by**	**Scale**
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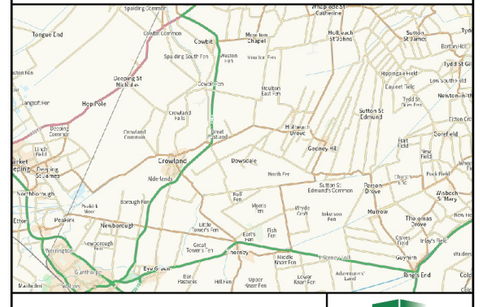

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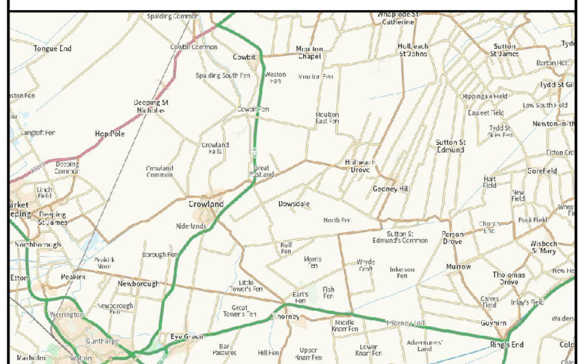
Legend

- Site Boundary
- BH Location D
- Inaccessible Areas
- Not Surveyed - Excluded
- Non-Agricultural
- ALC Grade 1
- ALC Grade 2
- ALC Grade 3a
- ALC Grade 3b

0 100 200 300 400 500 m

N

Figure: Auger Sample locations and ALC Grades		
Job: Meridian Solar Farm		
Client: AECOM		
Figure No.: 4	Revision: 1	Date: 30 September 2025
Drawn by: SS	Checked by: EH	Scale: 1:16,000
Job No.: 250635		



DO NOT SCALE. NOT FOR CONSTRUCTION

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Legend

- Site Boundary
- BH Locations A
- Non-Agricultural
- Inaccessible Areas
- Not Surveyed - Excluded
- AVERAGED 1
- AVERAGE 3a
- AVERAGED 3b

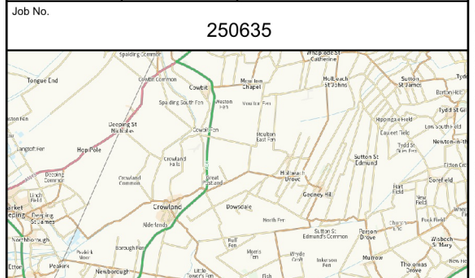
0 80 160 240 320 400 m

N

Figure	Auger Samples and Average ALC Grades
Job	Meridian Solar Farm
Client	AECOM

Figure No.	Revision	Date
4		03 December 2025
Drawn by	**Checked by**	**Scale**
SS	EH	1:8,500

Job No. 250635



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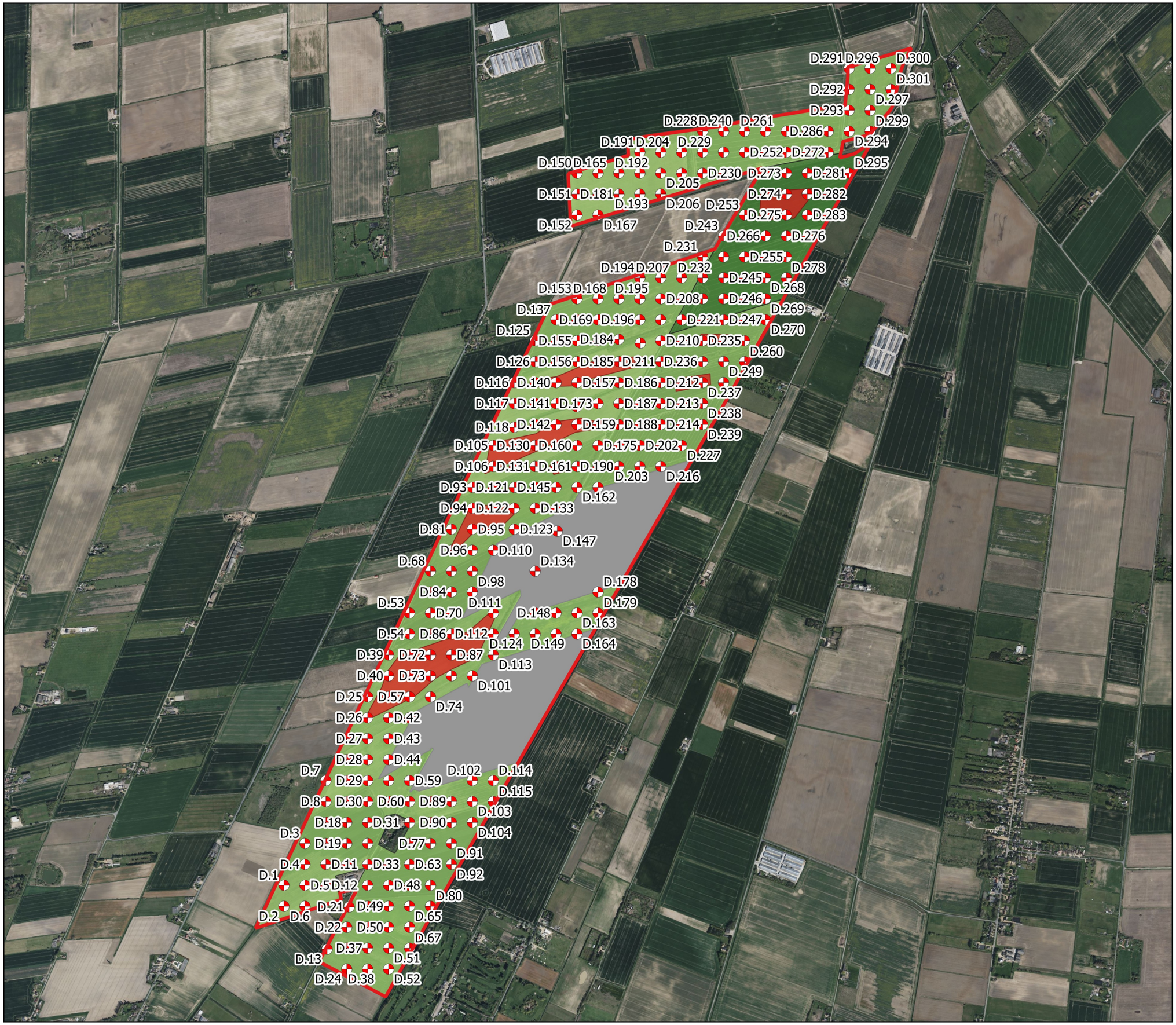


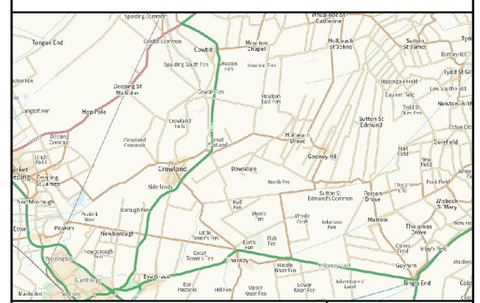
Legend

- Site Boundary
- BH Location D
- Inaccessible Areas
- Not Surveyed - Excluded
- AVERAGE 3a
- AVERAGED 3b

0 100 200 300 400 500 m

N

Figure: Auger Sample locations and ALC Grades		
Job: Meridian Solar Farm		
Client: AECOM		
Figure No.: 5	Revision:	Date: 03 December 2025
Drawn by: SS	Checked by: EH	Scale: 1:17,000
Job No.: 250635		



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Appendix II - Site Survey Logs

FCD:	96.75	MDWHT:	119.03	MDPOT:	114

Auger				Matrix				Mottles 1				Mottles 2				Stones	Structure	SPL	GLEYING	Figure	Wetness class	Wetness Grade		Droughtiness Grade	
Sample	top depth	ottom Dep	Texture	Hue	value	chroma	colour	Hue	value	chroma	colour	Hue	value	chroma	colour								condition	Wheat	Potatoes
	0	40	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	40	90	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CSAB	SPL	No				moderate		
A.1	90	120	ZC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3a	moderate	1	1
	0	40	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	40	90	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CSAB	SPL	No				moderate		
A.2	90	120	ZC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3a	moderate	1	1
	0	40	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	40	90	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CSAB	SPL	No				moderate		
A.3	90	120	ZC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3a	moderate	1	1
	0	45	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	90	SZL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-		FSAB	No	No				moderate		
A.4	90	120	ZC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	1	moderate	1	1
	0	45	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	90	SZL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-		FSAB	No	No				moderate		
A.5	90	120	ZC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	1	moderate	1	1
	0	45	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	90	SZL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-		FSAB	No	No				moderate		
A.6	90	120	ZC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	1	moderate	1	1
	0	45	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	90	SZL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-		FSAB	No	No				moderate		
A.7	90	120	ZC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	1	moderate	1	1
	0	45	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	90	SZL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-		FSAB	No	No				moderate		
A.8	90	120	ZC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	1	moderate	1	1
	0	45	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	90	SZL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-		FSAB	No	No				moderate		
A.9	90	120	ZC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	1	moderate	1	1
	0	45	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	90	SZL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-		FSAB	No	No				moderate		
A.10	90	120	ZC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	1	moderate	1	1
	0	45	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	90	SZL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-		FSAB	No	No				moderate		
A.11	90	120	ZC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	1	moderate	1	1
	0	45	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	90	SZL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-		FSAB	No	No				moderate		
A.12	90	120	ZC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	1	moderate	1	1
	0	45	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	90	SZL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-		FSAB	No	No				moderate		
A.13	90	120	ZC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	1	moderate	1	1
	0	45	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	90	SZL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-		FSAB	No	No				moderate		
A.14	90	120	ZC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	1	moderate	1	1
	Non-Agricultural																						moderate		
A.15																							moderate		
																							moderate		
	0	20	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	20	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.16															-					Figure 7	III	3a	moderate	1	1

	0	20	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	20	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.17															-					Figure 7	III	3a	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.18															-					Figure 7	III	3a	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.19															-					Figure 7	III	3a	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.20															-					Figure 7	III	3a	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.21															-					Figure 7	III	3a	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.22															-					Figure 7	III	3a	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.23															-					Figure 7	III	3a	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.24															-					Figure 7	III	3a	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.25															-					Figure 7	III	3a	moderate	1	1
	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.26															-					Figure 7	III	3a	moderate	1	1
	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.27															-					Figure 7	III	3a	moderate	1	1
	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.28															-					Figure 7	III	3a	moderate	1	1
	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.29															-					Figure 7	III	3a	moderate	1	1
	0	30	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.30															-					Figure 7	III	3a	moderate	1	1
	0	20	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	20	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.31															-					Figure 7	III	3a	moderate	1	1
	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.32															-					Figure 7	III	3a	moderate	1	1
	0	30	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.33															-					Figure 7	III	3a	moderate	1	1
	0	30	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.34															-					Figure 7	III	3a	moderate	1	1

	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.35															-					Figure 7	III	3a	moderate	1	1
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.36															-					Figure 7	III	3a	moderate	1	1
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.37															-					Figure 7	III	3a	moderate	1	1
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.38															-					Figure 7	III	3a	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.39															-					Figure 7	III	3a	moderate	1	1
	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.40															-					Figure 7	III	3a	moderate	1	1
	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.41															-					Figure 7	III	3a	moderate	1	1
	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.42															-					Figure 7	III	3a	moderate	1	1
	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.43															-					Figure 7	III	3a	moderate	1	1
	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.44															-					Figure 7	III	3a	moderate	1	1
	0	30	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.45															-					Figure 7	III	3a	moderate	1	1
	0	45	SZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	90	SZL	10YR	3	3	other	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
A.46	90	120	ZC	10YR	4	4	Brownish	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		CP	SPL	No	WC1	I	1	moderate	1	1
	0	45	SZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	90	SZL	10YR	3	3	other	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
A.47	90	120	ZC	10YR	4	4	Brownish	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		CP	SPL	No	WC1	I	1	moderate	1	1
	0	35	SZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	35	100	SZL	10YR	3	3	other	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
A.48	100	120	ZC	10YR	4	4	Brownish	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		CP	SPL	No	WC1	I	1	moderate	1	1
	0	30	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	45	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.49	45	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3a	moderate	1	1
	0	30	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	45	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.50	45	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3a	moderate	1	1
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.51															-					Figure 7	III	3a	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.52															-					Figure 7	III	3a	moderate	1	1
	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.53															-					Figure 7	III	3a	moderate	1	1
	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.54															-					Figure 7	III	3a	moderate	1	1
	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.55															-					Figure 7	III	3a	moderate	1	1

	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.56															-					Figure 7	III	3a	moderate	1	1
	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.57															-					Figure 7	III	3a	moderate	1	1
	0	30	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.58															-					Figure 7	III	3a	moderate	1	1
	0	45	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	45	90	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.59	90	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3a	moderate	1	1
	0	20	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	20	100	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.60	100	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	100	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.61	100	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	100	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.62	100	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	SZL	10YR	3	3	other	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
A.63	45	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.64																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	SZL	10YR	3	3	other	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
A.65	45	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	SZL	10YR	3	3	other	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
A.66	45	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.67																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.68																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.69																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.70															-					Figure 7	III	3a	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	80	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.71	80	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
	35	120	ZC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.72																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
	35	120	ZC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.73																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
	40	120	ZC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.74																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	35	100	SZL	10YR	3	3	other	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
A.75	100	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	WC1	I	1	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.76															-					Figure 7	III	3b	moderate	1	1

	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.77																				Figure 7	III	3b	moderate	1	1
	0	20	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	20	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.78																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.79																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.80																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.81																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.82																				Figure 7	III	3b	moderate	1	1
	0	20	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
	20	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.83																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
	30	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.84																		No	No	Figure 7	III	3b	moderate	1	1
	0	20	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	20	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.85																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.86															-					Figure 7	III	3a	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	80	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.87	80	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	80	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.88	80	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
	40	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.89																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
	40	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.90																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.91	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.92	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.93																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.94	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.95	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.96																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.97																		No	No	Figure 7	III	3b	moderate	1	1

	0	30	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	60	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.98	60	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3a	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.99																		No	No	Figure 7	III	3b	moderate	1	1
	0	20	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
	20	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.100																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
	30	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.101																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.102																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	80	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.103	80	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	80	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.104	80	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	80	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.105	80	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	80	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.106	80	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	80	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.107	80	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.108	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.109	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.110																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.111	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
																							moderate		
A.112																							moderate	5	4
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.113																		No	No	Figure 7	III	3b	moderate	1	1
	0	45	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	45	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.114																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	60	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.115	60	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3a	moderate	1	1
	0	30	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	60	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.116	60	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3a	moderate	1	1
	0	45	SZL	10YR	3	3	other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	120	ZC	10YR	4	4	Brownish	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
A.117																		No	No	WC1	I	1	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.118																		No	No	Figure 7	III	3b	moderate	1	1

	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.119	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.120	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.121	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.122	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.123																		No	No	Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
																							moderate		
A.124																							moderate	5	4
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.125																		No	No	Figure 7	III	3b	moderate	1	1
	0	45	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	45	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.126																		No	No	Figure 7	III	3b	moderate	1	1
	0	45	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	45	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.127																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	60	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.128	60	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3a	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.129																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.130																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.131																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.132																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.133																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.134																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.135																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.136																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.137																		No	No	Figure 7	III	3a	moderate	1	1
	0	35	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.138																		No	No	Figure 7	III	3a	moderate	1	1
	0	30	SZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	75	SZL	10YR	3	3	other	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
A.139	75	120	LS	10YR	4	4	Brownish	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No	WC1	I	1	moderate	1	1

	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.140																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.141																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.142																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.143																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.144																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.145																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.146																		No	No	Figure 7	III	3a	moderate	1	1
	0	35	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.147																		No	No	Figure 7	III	3a	moderate	1	1
	0	40	SZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	40	80	SZL	10YR	3	3	other	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
A.148	80	120	LS	10YR	4	4	Brownish	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No	WC1	I	1	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.149																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.150																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.151																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.152																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.153																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.154																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
A.155																		No	No	Figure 7	III	3a	moderate	1	1
	0	40	SZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	40	80	SZL	10YR	3	3	other	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
A.156	80	120	LS	10YR	4	4	Brownish	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No	WC1	I	1	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.157																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.158																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.159																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.160																		No	No	Figure 7	III	3b	moderate	1	1

	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.161																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.162																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.163																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.164																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.165																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.166																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.167																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.168																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.169																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.170																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.171																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.172																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.173																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.174																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.175																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.176																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.177																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.178																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.179																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.180																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.181																		No	No	Figure 7	III	3b	moderate	1	1

	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.182																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.183																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.184																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.185																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.186																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.187																				Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
A.188																		No	No	Figure 7	III	3b	moderate	1	1

FCD:	92.5	MDWHT:	119.03	MDPOT:	114.78

				Matrix				Mottles 1				Mottles 2												Droughtiness Grade	
uger Samp	top depth	ottom Dep	Texture	Hue	value	chroma	colour	Hue	value	chroma	colour	Hue	value	chroma	colour	Stones	Structure	SPL	GLEYING	Figure	etness cla	etness Gra	condition	Wheat	Potatoes
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.1																				Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.2	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	No	No				moderate		
D.3	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	2	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	No	No				moderate		
D.4	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	2	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.5																				Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	No	No				moderate		
D.6	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	2	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.7																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.8																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.9																				Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	No	No				moderate		
D.10	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	2	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	No	No				moderate		
D.11	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	2	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.12																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.13																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.14																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.15																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.16																				Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	No	No				moderate		
D.17	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	2	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.18																				Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	No	No				moderate		
D.19	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	2	moderate	1	1

	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.20																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.21																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.22																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.23																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.24																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.25																				Figure 7	III	3b	moderate	1	1

D.26	No Access																							moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.27																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.28																				Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	No	No				moderate		
D.29	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	2	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	No	No				moderate		
D.30	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	2	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	90	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	No	No				moderate		
D.31	90	120	SC	10YR	4	3	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	WC1	I	2	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.32																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.33																				Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.34																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.35																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.36																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.37																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.38																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.39																				Figure 7	III	3b	moderate	1	1
D.40	No Access																						moderate		
D.41	No Access																						moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.42																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.43																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.44																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.45																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		

D.46																				Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.47																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.48																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.49																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.50																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.51																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.52																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.53																		No	No	Figure 7	III	3b	moderate	1	1

	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.54																		No	No	Figure 7	III	3b	moderate	1	1
D.55	No Access																						moderate		
																							moderate		
																							moderate		
D.56	No Access																						moderate		
																							moderate		
																							moderate		
D.57	No Access																						moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.58																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.59																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.60																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.61																		No	No	Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.62																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.63																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.64																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.65																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.66																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.67																				Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.68																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.69																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.70																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.71																		No	No	Figure 7	III	3b	moderate	1	1
																							moderate		
D.72	No Access																						moderate		
																							moderate		
																							moderate		
D.73	No Access																						moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		

D.74																			No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.75																		No	No	Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.76																		No	No	Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.77																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.78																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.79																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.80																				Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.81																		No	No	Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
D.82																							moderate		
																							moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.83																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.84																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.85																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.86																		No	No	Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
D.87																							moderate		
																							moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.88																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.89																		No	No	Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.90																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.91																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.92																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.93																				Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
D.94																							moderate		
																							moderate		

D.95	No Access																						moderate		
																							moderate		
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.96																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.97																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.98																		No	No	Figure 7	III	3b	moderate	1	1
D.99	No Access																						moderate		
																							moderate		
																							moderate		
D.100	No Access																						moderate		
																							moderate		
																							moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.101																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.102																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.103																		No	No	Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.104																		No	No	Figure 7	III	3b	moderate	1	1
																							moderate		
D.105	No Access																						moderate		
																							moderate		
D.106	No Access																						moderate		
																							moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.107																				Figure 7	III	3b	moderate	1	1
																							moderate		
D.108	No Access																						moderate		
																							moderate		
																							moderate		
D.109	No Access																						moderate		
																							moderate		

	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.110																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.111																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.112																		No	No	Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
																							moderate		
D.113																							moderate		
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.114																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.115																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.116																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.117																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.118																				Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
																							moderate		
D.119																							moderate		
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.120																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.121																				Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
																							moderate		
D.122																							moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.123																				Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.124																				Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.125																				Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.126																				Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
																							moderate		
D.127																							moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.128																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.129																		No	No	Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
																							moderate		

D.130																								moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.131																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.132																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.133																		No	No	Figure 7	III	3b	moderate	1	1
	Not Surveyed																						moderate		
D.134																							moderate		
																							moderate		
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.135																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.136																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.137																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.138																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.139																				Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
D.140																							moderate		
																							moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.141																				Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
D.142																							moderate		
																							moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.143																		No	No	Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
D.144																							moderate		
																							moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.145																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.146																		No	No	Figure 7	III	3b	moderate	1	1
	Not Surveyed																						moderate		
D.147																							moderate		
																							moderate		
	0	30	SZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	75	SZL	10YR	3	3	other	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
D.148	75	120	LS	10YR	4	4	Brownish	7.5YR	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No	WC1	I	1	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.149																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.150																				Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		

	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.151																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.152																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.153																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.154																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.155																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.156																				Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
																							moderate		
D.157																							moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.158																				Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
																							moderate		
D.159																							moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.160																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.161																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.162																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.163																		No	No	Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.164																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.165																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.166																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.167																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.168																				Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.169																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.170																				Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
																							moderate		
D.171																							moderate		

	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.172																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.173																				Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
																							moderate		
D.174																							moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.175																				Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.176																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.177																				Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.178																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.179																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.180																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.181																				Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.182																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.183																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.184																				Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
																							moderate		
D.185																							moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.186																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.187																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.188																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.189																				Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.190																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.191																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		

D.192																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.193																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.194																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.195																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.196																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.197																				Figure 7	III	3b	moderate	1	1
																							moderate		
D.198	No Access																						moderate		
																							moderate		
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.199																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.200																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.201																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.202																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.203																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.204																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.205																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.206																				Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.207																				Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.208																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.209																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.210																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.211																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.212																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		

	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.213																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.214																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.215																				Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.216																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.217																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.218																				Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.219																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.220																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.221																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.222																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.223																				Figure 7	III	3b	moderate	1	1
D.224	No Access																						moderate moderate moderate		
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.225																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.226																				Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.227																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.228																				Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.229																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.230																				Figure 7	III	3b	moderate	1	1
	0	40	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.231																				Figure 7	III	3b	moderate	1	1
	0	30	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.232																		No	No	Figure 7	III	3a	moderate	1	1
	0	30	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.233																		No	No	Figure 7	III	3a	moderate	1	1

	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.234																		No	No	Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
																							moderate		
D.235																							moderate		
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.236																				Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
																							moderate		
D.237																							moderate		
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.238																				Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.239																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.240																				Figure 7	III	3b	moderate	1	1
	0	20	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	20	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.241																				Figure 7	III	3b	moderate	1	1
	0	20	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	20	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.242																				Figure 7	III	3b	moderate	1	1
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.243																		No	No	Figure 7	III	3a	moderate	1	1
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.244																		No	No	Figure 7	III	3a	moderate	1	1
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.245																		No	No	Figure 7	III	3a	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.246																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.247																		No	No	Figure 7	III	3b	moderate	1	1
	No Access																						moderate		
																							moderate		
D.248																							moderate		
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.249																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.250																				Figure 7	III	3b	moderate	1	1
	0	20	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	20	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.251																				Figure 7	III	3b	moderate	1	1
	0	20	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	20	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.252																				Figure 7	III	3b	moderate	1	1
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.253																				Figure 7	III	3a	moderate	1	1
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		

D.254																				Figure 7	III	3a	moderate	1	1
	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.255																		No	No	Figure 7	III	3a	moderate	1	1
	0	30	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.256																		No	No	Figure 7	III	3a	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.257																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.258																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.259																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.260																				Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.261																				Figure 7	III	3b	moderate	1	1
	0	20	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	20	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.262																		No	No	Figure 7	III	3b	moderate	1	1
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.263																				Figure 7	III	3a	moderate	1	1
	No Access																						moderate		
																							moderate		
D.264																							moderate		
	No Access																						moderate		
																							moderate		
D.265																							moderate		
	0	30	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.266																				Figure 7	III	3a	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.267																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.268																		No	No	Figure 7	III	3a	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.269																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.270																		No	No	Figure 7	III	3b	moderate	1	1
	0	20	MZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	20	90	HZCL	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.271	90	120	SC	10YR	4	4	Brownish	10YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No	Figure 7	III	3a	moderate	1	1
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.272																				Figure 7	III	3a	moderate	1	1
	0	35	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.273																				Figure 7	III	3a	moderate	1	1
	No Access																						moderate		
																							moderate		
D.274																							moderate		
																							moderate		

D.275	No Access																							moderate		
																								moderate		
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.276																		No	No	Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.277																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.278																		No	No	Figure 7	III	3b	moderate	1	1
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.279																				Figure 7	III	3a	moderate	1	1
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.280																				Figure 7	III	3a	moderate	1	1
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.281																				Figure 7	III	3a	moderate	1	1
	No Access																						moderate		
D.282																							moderate		
																							moderate		
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.283																				Figure 7	III	3a	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.284																		No	No	Figure 7	III	3b	moderate	1	1
	0	20	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	20	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.285																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.286																				Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.287																				Figure 7	III	3b	moderate	1	1
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.288																				Figure 7	III	3a	moderate	1	1
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.289																				Figure 7	III	3a	moderate	1	1
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.290																				Figure 7	III	3a	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.291																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.292																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.293																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.294																		No	No	Figure 7	III	3b	moderate	1	1
	0	25	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.295																				Figure 7	III	3a	moderate	1	1

	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.296																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.297																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.298																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.299																		No	No	Figure 7	III	3b	moderate	1	1
	0	25	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.300																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	2	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
D.301																		No	No	Figure 7	III	3b	moderate	1	1

Structure	
MSAB	Medium Subangular Blocky
AB	Angular Blocky
CP	Coarse Prismatic
MSAB	Massive
SAB	Subangualr Blocky
CP	Coarse
W	Weak

Stones	
5	Very Slightly Stony
15	Slightly Stony
35	Moderately Stony

Texture	
C	Clay
ZC	Silty Clay
SC	Sandy Clay
CL	Clay Loam
ZCL	Silty Clay Loam
SCL	Sandy Clay Loam
SZL	Sandy Silty Loam
SL	Sandy Loam
LS	Loamy Sand
S	Sand
ZS	Silty Sand
MG	Made Ground
F (sand)	Fine
M (sand)	Medium
C (sand)	Coarse
H (clay)	Heavy
M (clay)	Medium

Rock Type	
Ca	Calcareous

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

Cell Colours	Reason
	Livestock in field - not accessed
	Woodland/Made Ground/Urban
	Inaccesible areas
	N/A

Appendix III - Site Survey Photographs

Photograph Number	Photograph Description	Photograph
1.	**Meridian Solar Farm area A:** General site view	
2.	**Meridian Solar Farm Area D:** General site view	
3.	**Meridian Solar Farm** Drainage	

Photograph Number	Photograph Description	Photograph
4.	**Meridian Solar Farm** Soil type 1 Auger Sample	
5.	**Meridian Solar Farm** Soil type 2 Auger Sample	
6.	**Meridian Solar Farm** Soil type 2 PIT	

Photograph Number	Photograph Description	Photograph
7.	**Meridian Solar Farm** Soil type 1 PIT	

Appendix IV - Summary of Findings

Job Name:	Meridian Solar Farm (A&D) AREA 2
Job Number:	250635
Date:	03/12/2025
Completed By:	SSt

Site Altitude:	1
Centre Grid Ref:	534762 314952

AAR	541.75
ATO	1446.46
FCD	92.50
MDMWHT	120.03
MDMPOT	116.03

	Soil Type 1	**Soil Type 2**	**Soil Type 3**
AP WHT	153.00	181.00	0.00
MB WHT	32.97	60.97	-120.03
AP POT	119	139	0
MB POT	2.97	22.97	-116.03

Appendix V - Terminology

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 affects 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.

Extract of MAFF Guidance Figure 6

Figure 6

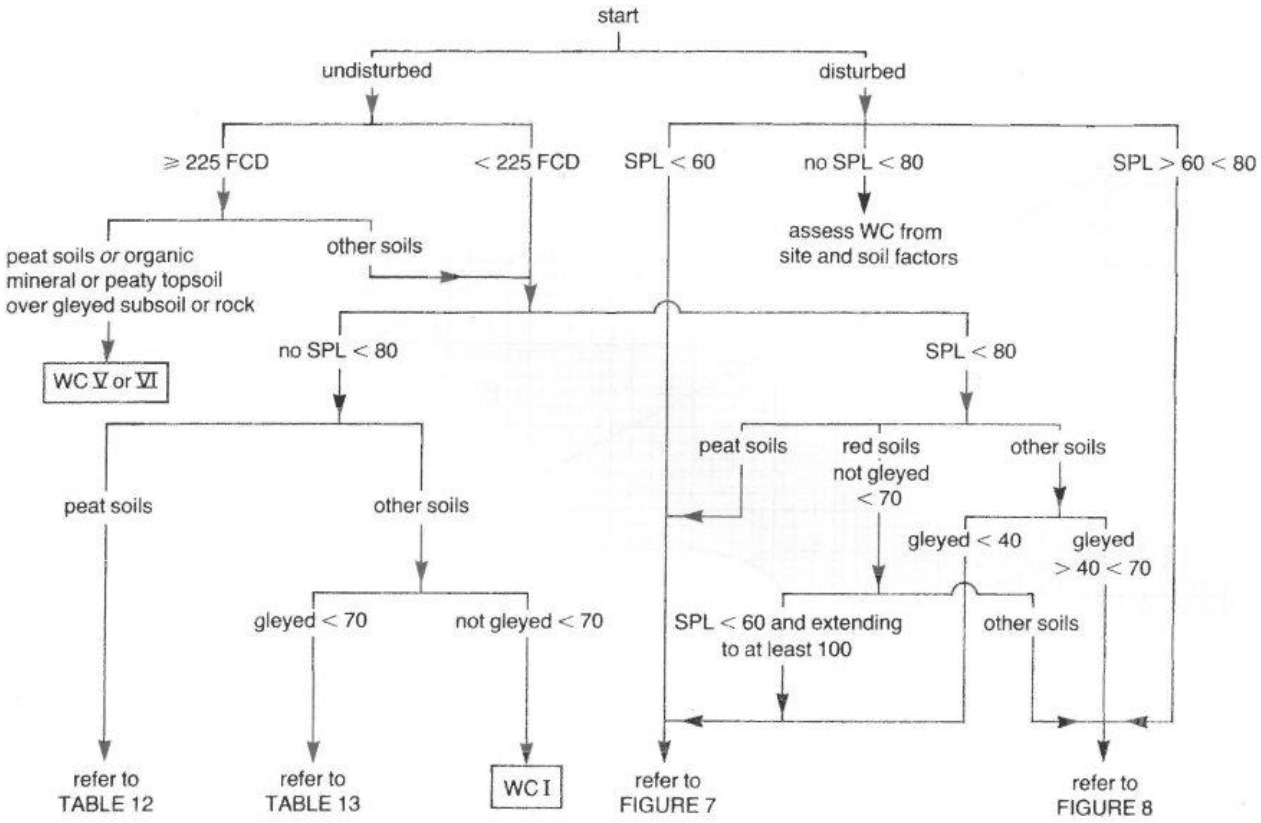


Figure 6. Flow diagram for assessing soil wetness class (WC) from field capacity days (FCD), depth to gleying (in cm) and depth to a slowly permeable layer (SPL, in cm)

Appendix VI - Laboratory Results

ANALYTICAL TEST REPORT

Report Number	25-10958, issue number 1
Contract name:	Meridian A&D ALC
Client reference:	250609
Clients name:	Roberts Environmental
Clients address:	Roberts Environmental 1 Croft Stairs Newcastle Upon Tyne NE1 2HG
Samples received:	07/11/2025
Analysis started:	07/11/2025
Analysis completed:	14/11/2025
Report issued:	14/11/2025

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:	[redacted] Senior Reporting Administrator

Unit 6 Parkhead, Greencroft Industrial Park, Stanley, County Durham, DH9 7YB

Telephone: (01207) 528578, Email supportsquad@chemtech-env.co.uk

SAMPLE INFORMATION

Lab ref	Sample ID	Depth (m)	Sample description	Material removed	% Removed	% Moisture
75723	BH A.21	0.00 - 0.43				
75724	BH A.42	0.00 - 0.40				
75725	BH A.148	0.00 - 0.35				
75726	BH A.151	0.00 - 0.35				
75727	BH A.169	0.00 - 0.30				
75728	BH D.19	0.00 - 0.30				
75729	BH D.145	0.00 - 0.40				
75730	BH D.205	0.00 - 0.40				
75731	BH D.245	0.00 - 0.37				
75732	BH D.297	0.00 - 0.32				

SOILS

Lab Number					75723	75724	75725	75726	75727
Sample ID					BH A.21	BH A.42	BH A.148	BH A.151	BH A.169
Depth (m)					0.00 - 0.43	0.00 - 0.40	0.00 - 0.35	0.00 - 0.35	0.00 - 0.30
Sampling Date					05/11/2025	05/11/2025	05/11/2025	05/11/2025	05/11/2025
Test	**Method**	**Accred**	**LoD**	**Units**					
Miscellaneous									
% Clay	CE118	N	0.1	%	42.8	38.9	25.8	47.7	44.0
% Sand	CE118	N	0.1	%	4.9	6.7	35.1	13.5	6.8
% Silt	CE118	N	0.1	%	52.3	54.4	39.1	38.8	49.2

SOILS

Lab Number					75728	75729	75730	75731	75732
Sample ID					BH D.19	BH D.145	BH D.205	BH D.245	BH D.297
Depth (m)					0.00 - 0.30	0.00 - 0.40	0.00 - 0.40	0.00 - 0.37	0.00 - 0.32
Sampling Date					05/11/2025	05/11/2025	05/11/2025	05/11/2025	05/11/2025
Test	**Method**	**Accred**	**LoD**	**Units**					
Miscellaneous									
% Clay	CE118	N	0.1	%	31.2	40.6	41.2	44.7	35.0
% Sand	CE118	N	0.1	%	21.6	6.1	5.0	5.4	23.0
% Silt	CE118	N	0.1	%	47.2	53.3	53.8	49.8	42.0

DECLARATION OF COMPLIANCE (BS3882:2015)

Lab ref	75723	**Date received**	07/11/2025
Contract name	Meridian A&D ALC	**Analysis started**	14/11/2025
Sample ID	BH A.21	**Analysis completed**	14/11/2025
OS Grid reference	Not supplied	**Report issued**	14/11/2025
Date sampled	05/11/2025		

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	43						
Silt content	% w/w	52						
Sand content	% w/w	5						
Soil texture	**class**	**Silty Clay**	N	N	N	N	N	N

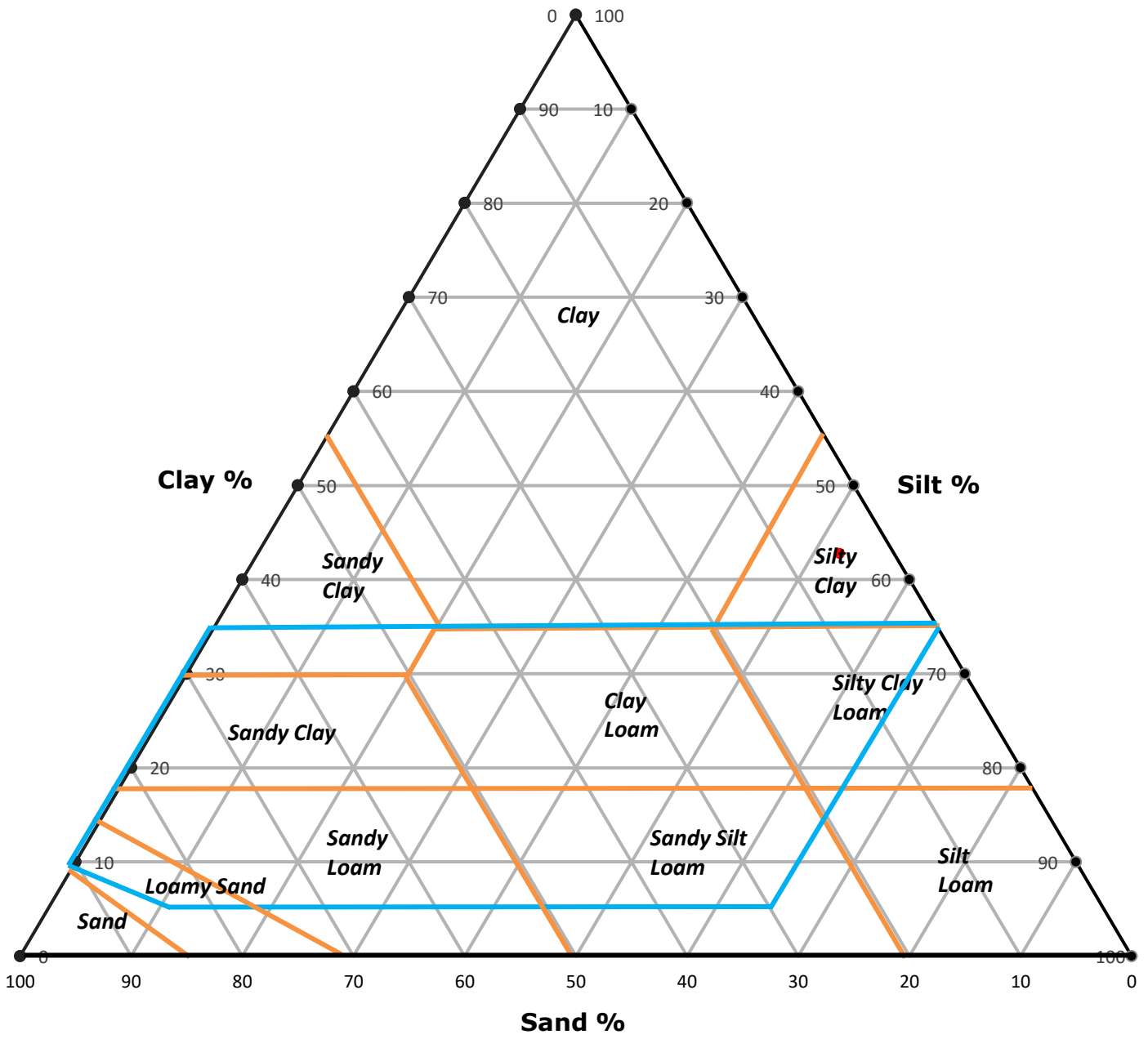
Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH[1]	pH units	-	-	-	-	-	-	-
Carbonate (calcareous only)	% w/w $CaCO_3$	-	-	-	-	-	-	-
Nitrogen (total)	% w/w N	-	-	-	-	-	-	-
Carbon:Nitrogen ratio	-	-	-	-	-	-	-	-
Phosphorus (extractable)	mg/l P	-	-	-	-	-	-	-
Potassium (extractable)	mg/l K	-	-	-	-	-	-	-
Magnesium (extractable)	mg/l Mg	-	-	-	-	-	-	-
Electrical conductivity[2]	µS/cm	-	-	-	-	-	-	-

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

VISIBLE CONTAMINANTS								
(air-dried soil)	% w/w	-	-	-	-	-	-	-
...of which plastics	% w/w	-	-	-	-	-	-	-
Sharps	% w/w	-	-	-	-	-	-	-

[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	75724	**Date received**	07/11/2025
Contract name	Meridian A&D ALC	**Analysis started**	14/11/2025
Sample ID	BH A.42	**Analysis completed**	14/11/2025
OS Grid reference	Not supplied	**Report issued**	14/11/2025
Date sampled	05/11/2025		

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	39						
Silt content	% w/w	54						
Sand content	% w/w	7						
Soil texture	**class**	**Silty Clay**	N	N	N	N	N	N

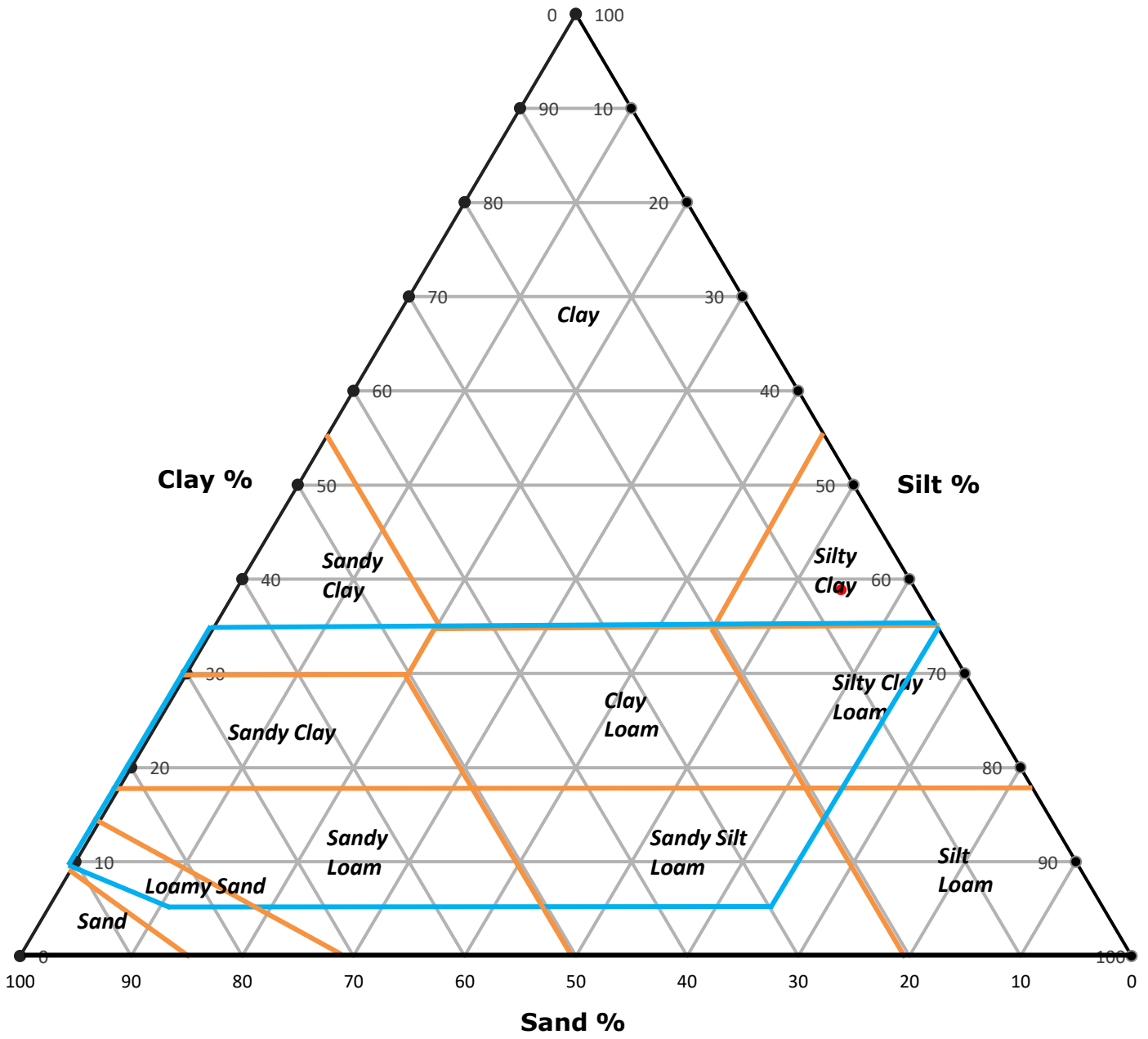
Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH[1]	pH units	-	-	-	-	-	-	-
Carbonate (calcareous only)	% w/w $CaCO_3$	-	-	-	-	-	-	-
Nitrogen (total)	% w/w N	-	-	-	-	-	-	-
Carbon:Nitrogen ratio	-	-	-	-	-	-	-	-
Phosphorus (extractable)	mg/l P	-	-	-	-	-	-	-
Potassium (extractable)	mg/l K	-	-	-	-	-	-	-
Magnesium (extractable)	mg/l Mg	-	-	-	-	-	-	-
Electrical conductivity[2]	µS/cm	-	-	-	-	-	-	-

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

VISIBLE CONTAMINANTS								
(air-dried soil)	% w/w	-	-	-	-	-	-	-
...of which plastics	% w/w	-	-	-	-	-	-	-
Sharps	% w/w	-	-	-	-	-	-	-

[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	75725	**Date received**	07/11/2025
Contract name	Meridian A&D ALC	**Analysis started**	14/11/2025
Sample ID	BH A.148	**Analysis completed**	14/11/2025
OS Grid reference	Not supplied	**Report issued**	14/11/2025
Date sampled	05/11/2025		

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	39						
Sand content	% w/w	35						
Soil texture	**class**	**Clay Loam**	Y	Y	Y	Y	Y	Y

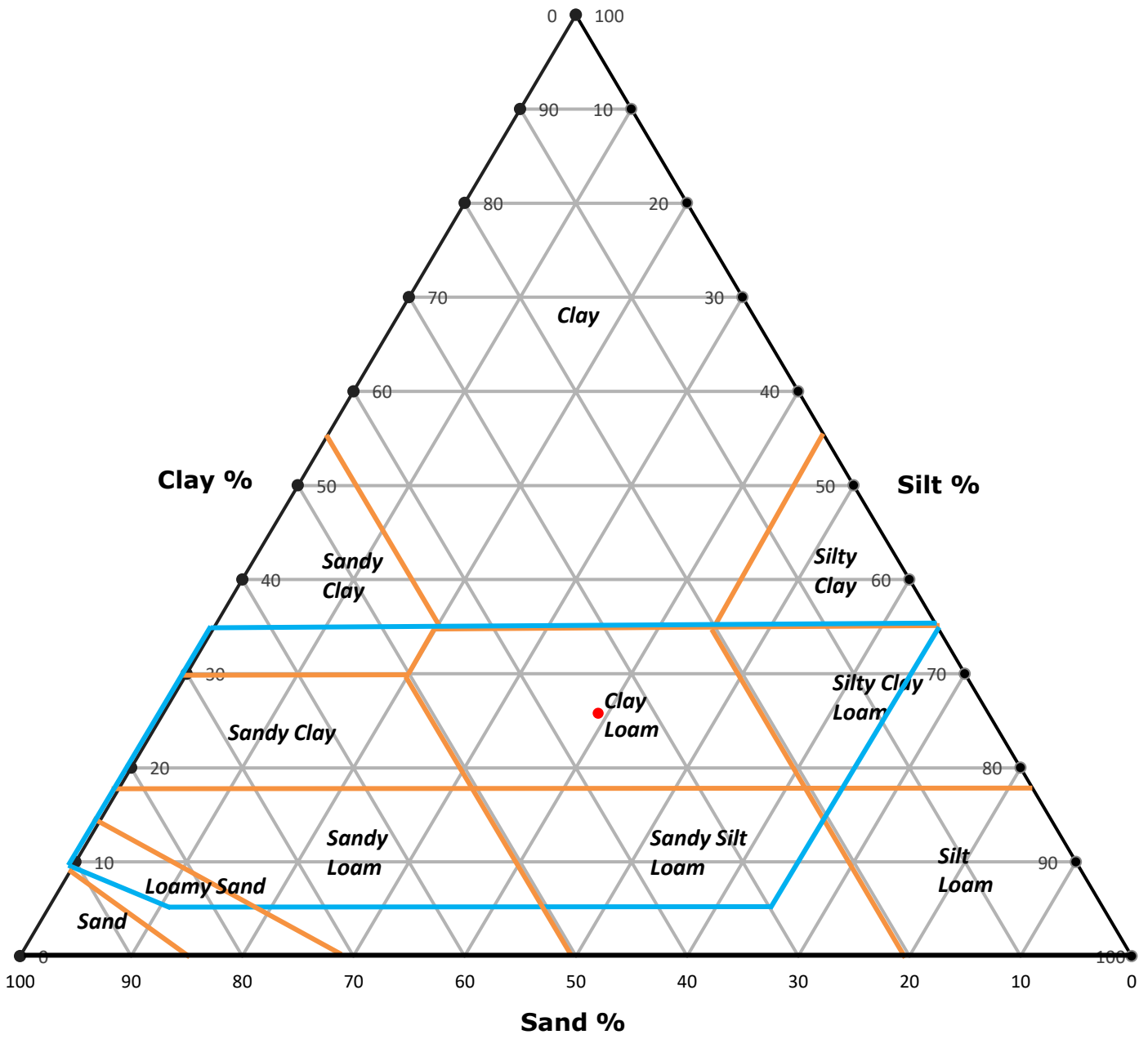
Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH[1]	pH units	-	-	-	-	-	-	-
Carbonate (calcareous only)	% w/w $CaCO_3$	-	-	-	-	-	-	-
Nitrogen (total)	% w/w N	-	-	-	-	-	-	-
Carbon:Nitrogen ratio	-	-	-	-	-	-	-	-
Phosphorus (extractable)	mg/l P	-	-	-	-	-	-	-
Potassium (extractable)	mg/l K	-	-	-	-	-	-	-
Magnesium (extractable)	mg/l Mg	-	-	-	-	-	-	-
Electrical conductivity[2]	µS/cm	-	-	-	-	-	-	-

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

VISIBLE CONTAMINANTS								
(air-dried soil)	% w/w	-	-	-	-	-	-	-
...of which plastics	% w/w	-	-	-	-	-	-	-
Sharps	% w/w	-	-	-	-	-	-	-

[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	75726	**Date received**	07/11/2025
Contract name	Meridian A&D ALC	**Analysis started**	14/11/2025
Sample ID	BH A.151	**Analysis completed**	14/11/2025
OS Grid reference	Not supplied	**Report issued**	14/11/2025
Date sampled	05/11/2025		

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	48						
Silt content	% w/w	39						
Sand content	% w/w	14						
Soil texture	**class**	**Clay**	N	N	N	N	N	N

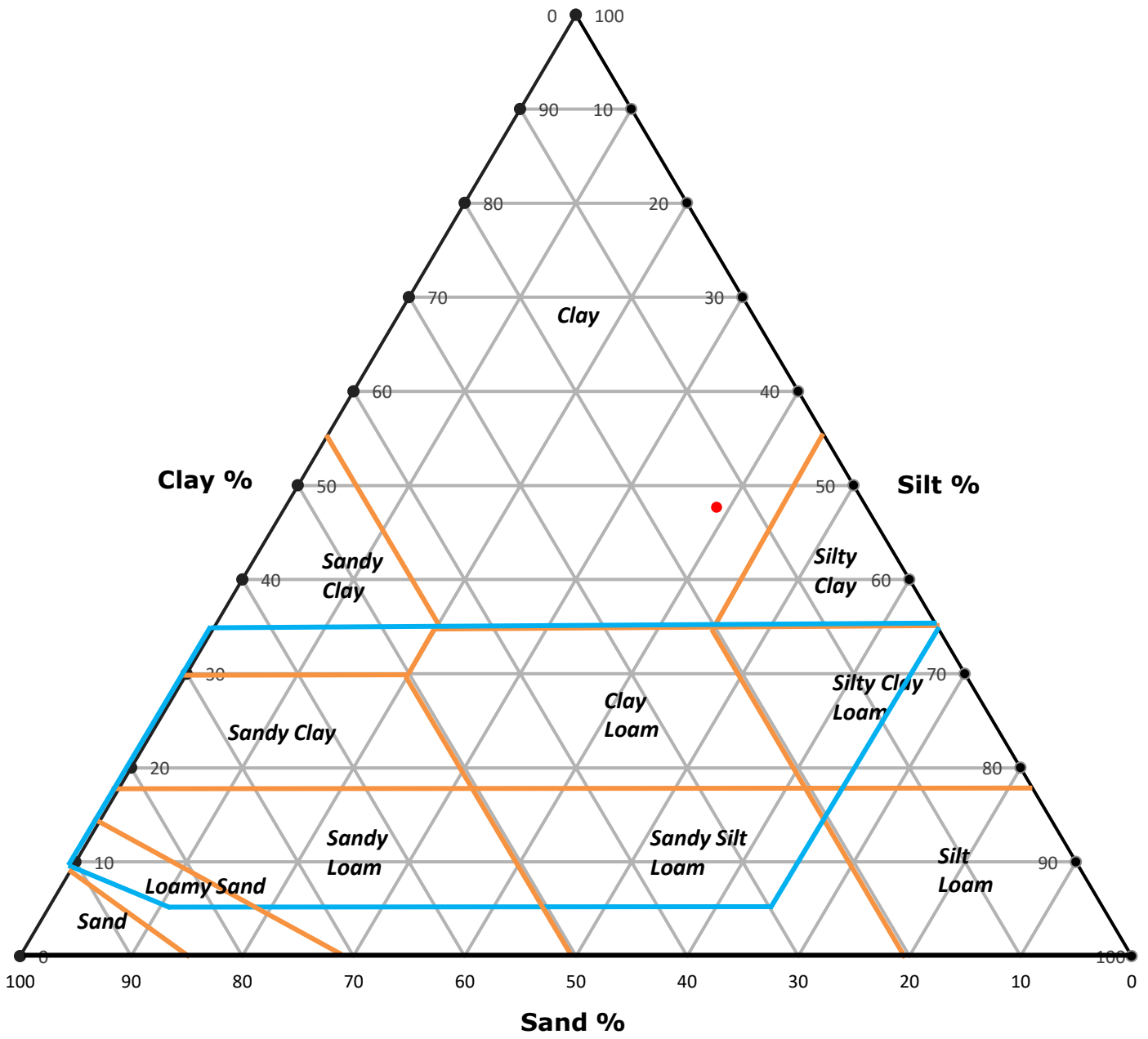
Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH[1]	pH units	-	-	-	-	-	-	-
Carbonate (calcareous only)	% w/w $CaCO_3$	-	-	-	-	-	-	-
Nitrogen (total)	% w/w N	-	-	-	-	-	-	-
Carbon:Nitrogen ratio	-	-	-	-	-	-	-	-
Phosphorus (extractable)	mg/l P	-	-	-	-	-	-	-
Potassium (extractable)	mg/l K	-	-	-	-	-	-	-
Magnesium (extractable)	mg/l Mg	-	-	-	-	-	-	-
Electrical conductivity[2]	µS/cm	-	-	-	-	-	-	-

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

VISIBLE CONTAMINANTS								
(air-dried soil)	% w/w	-	-	-	-	-	-	-
...of which plastics	% w/w	-	-	-	-	-	-	-
Sharps	% w/w	-	-	-	-	-	-	-

[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	75727	**Date received**	07/11/2025
Contract name	Meridian A&D ALC	**Analysis started**	14/11/2025
Sample ID	BH A.169	**Analysis completed**	14/11/2025
OS Grid reference	Not supplied	**Report issued**	14/11/2025
Date sampled	05/11/2025		

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	44						
Silt content	% w/w	49						
Sand content	% w/w	7						
Soil texture	**class**	**Silty Clay**	N	N	N	N	N	N

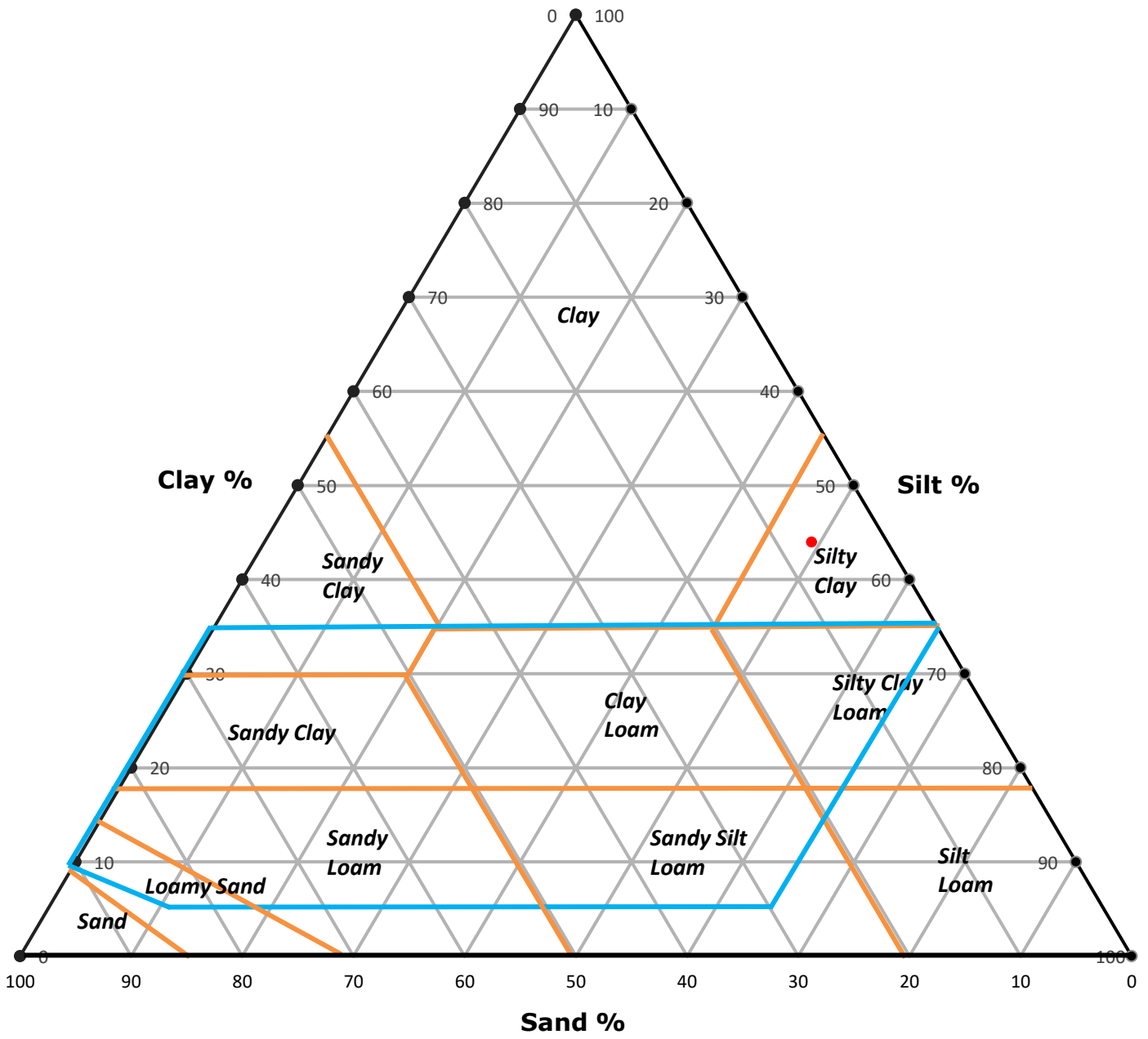
Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH[1]	pH units	-	-	-	-	-	-	-
Carbonate (calcareous only)	% w/w $CaCO_3$	-	-	-	-	-	-	-
Nitrogen (total)	% w/w N	-	-	-	-	-	-	-
Carbon:Nitrogen ratio	-	-	-	-	-	-	-	-
Phosphorus (extractable)	mg/l P	-	-	-	-	-	-	-
Potassium (extractable)	mg/l K	-	-	-	-	-	-	-
Magnesium (extractable)	mg/l Mg	-	-	-	-	-	-	-
Electrical conductivity[2]	µS/cm	-	-	-	-	-	-	-

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

VISIBLE CONTAMINANTS								
(air-dried soil)	% w/w	-	-	-	-	-	-	-
...of which plastics	% w/w	-	-	-	-	-	-	-
Sharps	% w/w	-	-	-	-	-	-	-

[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	75728	**Date received**	07/11/2025
Contract name	Meridian A&D ALC	**Analysis started**	14/11/2025
Sample ID	BH D.19	**Analysis completed**	14/11/2025
OS Grid reference	Not supplied	**Report issued**	14/11/2025
Date sampled	05/11/2025		

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

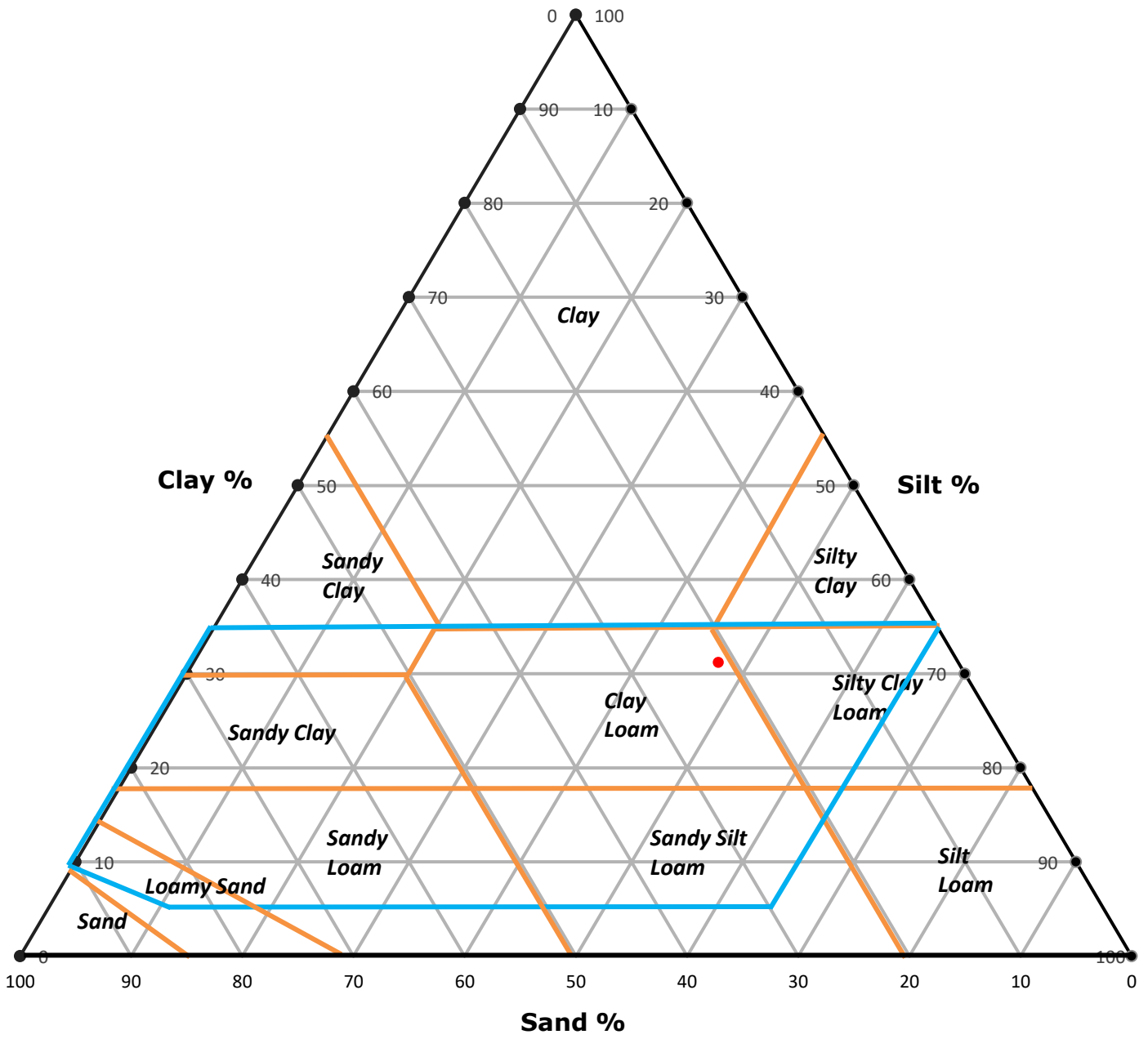
Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH[1]	pH units	-	-	-	-	-	-	-
Carbonate (calcareous only)	% w/w $CaCO_3$	-	-	-	-	-	-	-
Nitrogen (total)	% w/w N	-	-	-	-	-	-	-
Carbon:Nitrogen ratio	-	-	-	-	-	-	-	-
Phosphorus (extractable)	mg/l P	-	-	-	-	-	-	-
Potassium (extractable)	mg/l K	-	-	-	-	-	-	-
Magnesium (extractable)	mg/l Mg	-	-	-	-	-	-	-
Electrical conductivity[2]	µS/cm	-	-	-	-	-	-	-

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

VISIBLE CONTAMINANTS								
(air-dried soil)	% w/w	-	-	-	-	-	-	-
...of which plastics	% w/w	-	-	-	-	-	-	-
Sharps	% w/w	-	-	-	-	-	-	-

[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	75729	**Date received**	07/11/2025
Contract name	Meridian A&D ALC	**Analysis started**	14/11/2025
Sample ID	BH D.145	**Analysis completed**	14/11/2025
OS Grid reference	Not supplied	**Report issued**	14/11/2025
Date sampled	05/11/2025		

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	53						
Sand content	% w/w	6						
Soil texture	**class**	**Silty Clay**	N	N	N	N	N	N

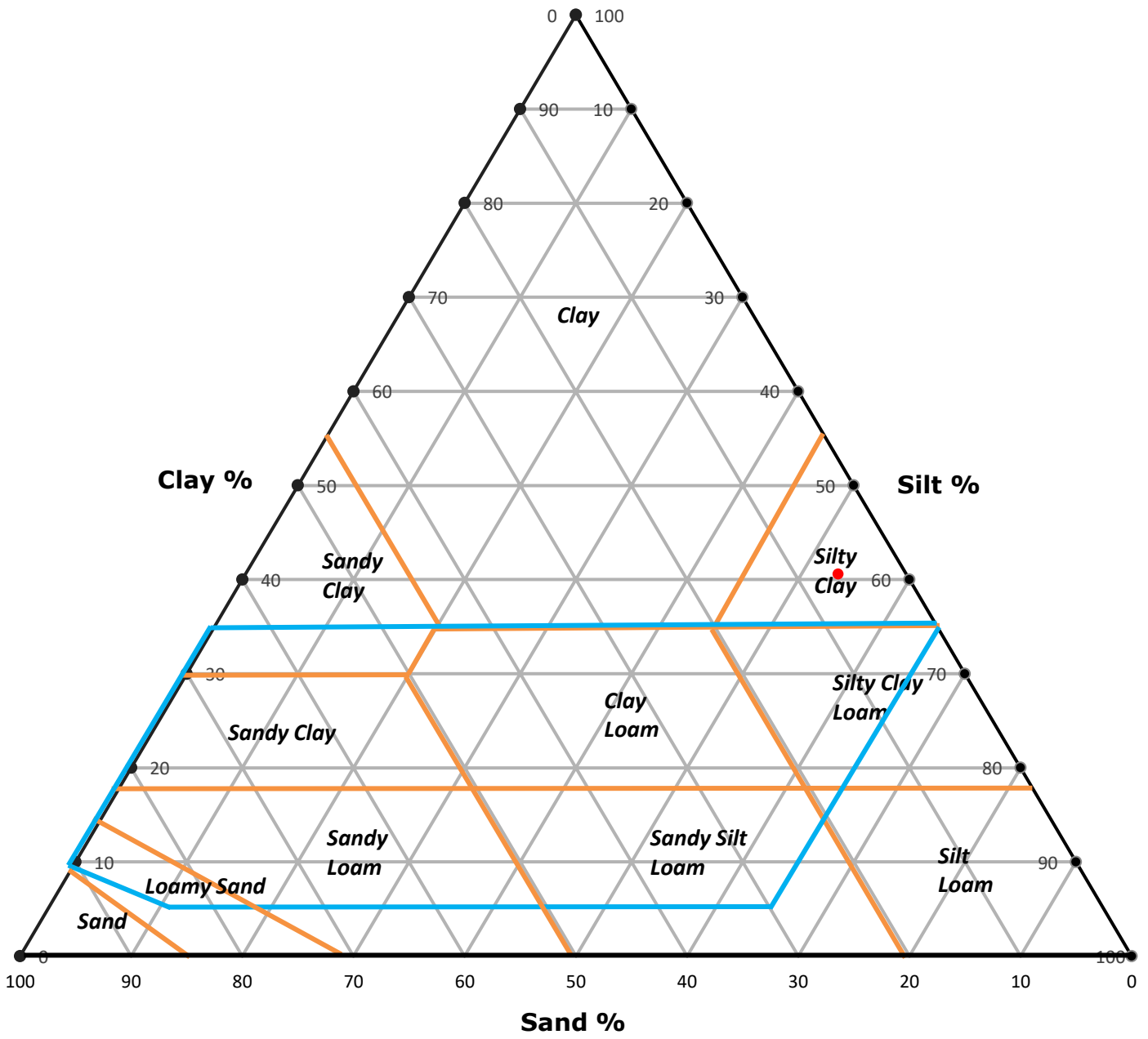
Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH[1]	pH units	-	-	-	-	-	-	-
Carbonate (calcareous only)	% w/w $CaCO_3$	-	-	-	-	-	-	-
Nitrogen (total)	% w/w N	-	-	-	-	-	-	-
Carbon:Nitrogen ratio	-	-	-	-	-	-	-	-
Phosphorus (extractable)	mg/l P	-	-	-	-	-	-	-
Potassium (extractable)	mg/l K	-	-	-	-	-	-	-
Magnesium (extractable)	mg/l Mg	-	-	-	-	-	-	-
Electrical conductivity[2]	µS/cm	-	-	-	-	-	-	-

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

VISIBLE CONTAMINANTS								
(air-dried soil)	% w/w	-	-	-	-	-	-	-
...of which plastics	% w/w	-	-	-	-	-	-	-
Sharps	% w/w	-	-	-	-	-	-	-

[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	75730	**Date received**	07/11/2025
Contract name	Meridian A&D ALC	**Analysis started**	14/11/2025
Sample ID	BH D.205	**Analysis completed**	14/11/2025
OS Grid reference	Not supplied	**Report issued**	14/11/2025
Date sampled	05/11/2025		

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	54						
Sand content	% w/w	5						
Soil texture	**class**	**Silty Clay**	N	N	N	N	N	N

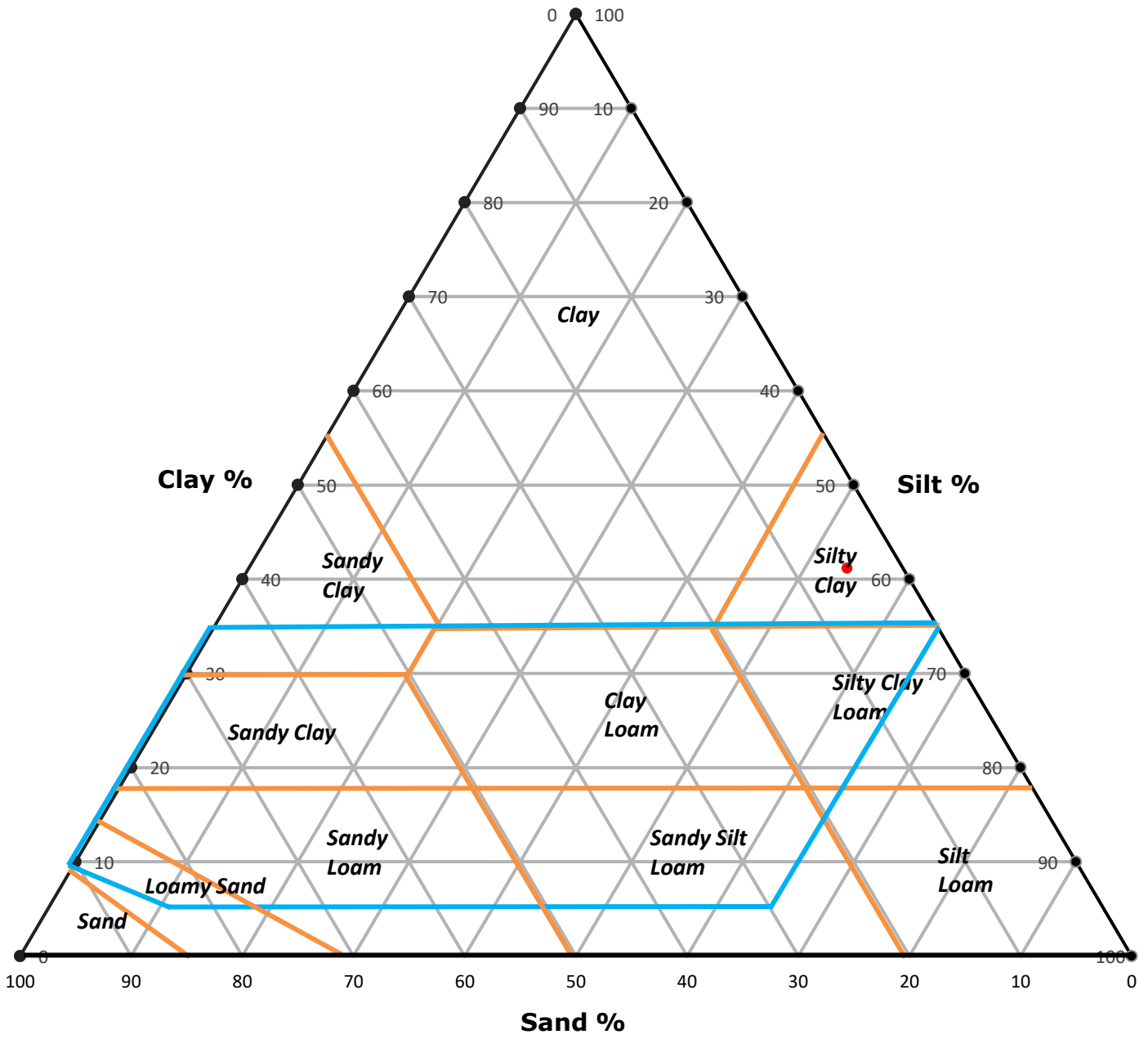
Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH[1]	pH units	-	-	-	-	-	-	-
Carbonate (calcareous only)	% w/w $CaCO_3$	-	-	-	-	-	-	-
Nitrogen (total)	% w/w N	-	-	-	-	-	-	-
Carbon:Nitrogen ratio	-	-	-	-	-	-	-	-
Phosphorus (extractable)	mg/l P	-	-	-	-	-	-	-
Potassium (extractable)	mg/l K	-	-	-	-	-	-	-
Magnesium (extractable)	mg/l Mg	-	-	-	-	-	-	-
Electrical conductivity[2]	µS/cm	-	-	-	-	-	-	-

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

VISIBLE CONTAMINANTS								
(air-dried soil)	% w/w	-	-	-	-	-	-	-
...of which plastics	% w/w	-	-	-	-	-	-	-
Sharps	% w/w	-	-	-	-	-	-	-

[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	75731	**Date received**	07/11/2025
Contract name	Meridian A&D ALC	**Analysis started**	14/11/2025
Sample ID	BH D.245	**Analysis completed**	14/11/2025
OS Grid reference	Not supplied	**Report issued**	14/11/2025
Date sampled	05/11/2025		

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	45						
Silt content	% w/w	50						
Sand content	% w/w	5						
Soil texture	**class**	**Silty Clay**	N	N	N	N	N	N

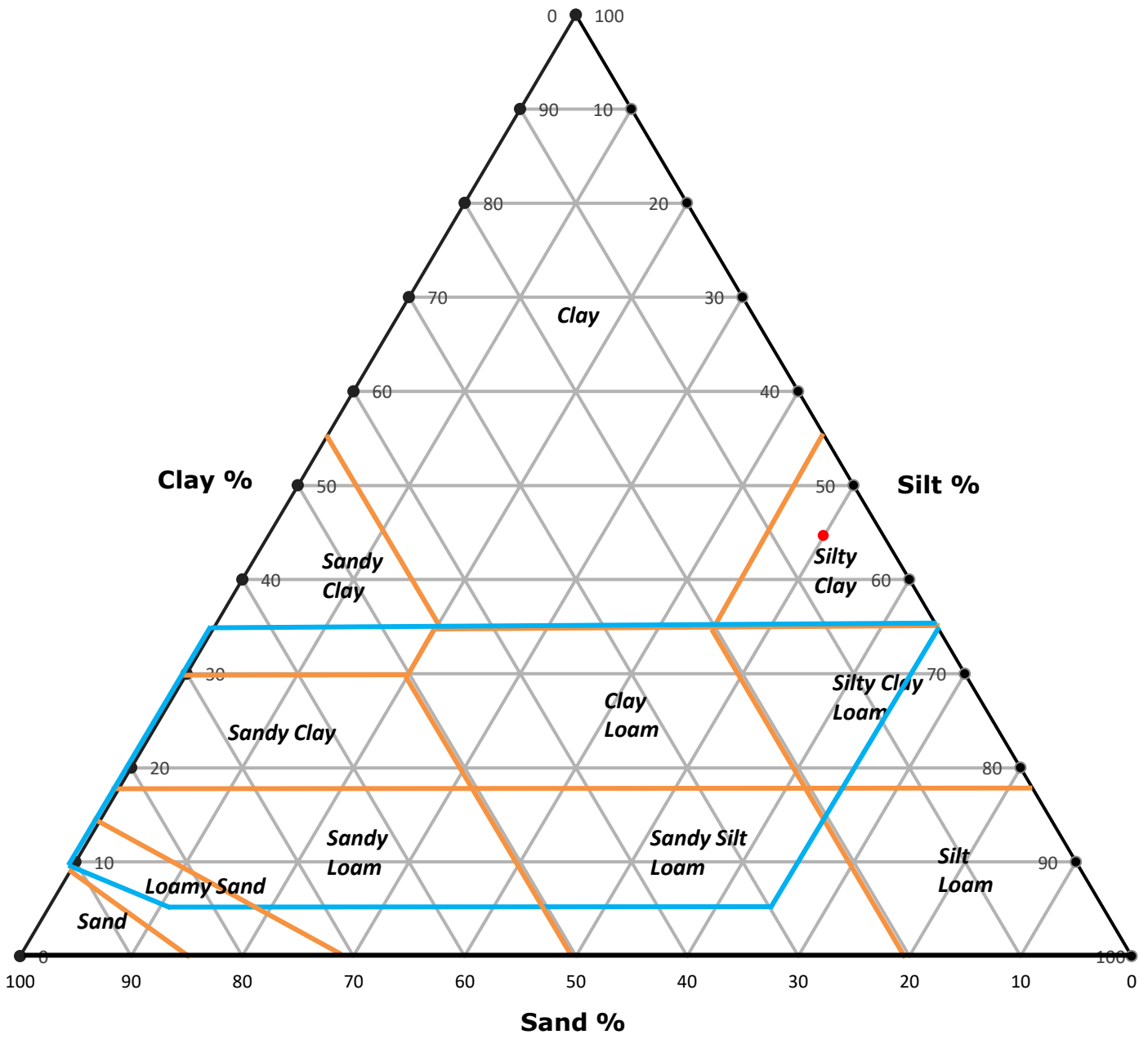
Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH[1]	pH units	-	-	-	-	-	-	-
Carbonate (calcareous only)	% w/w $CaCO_3$	-	-	-	-	-	-	-
Nitrogen (total)	% w/w N	-	-	-	-	-	-	-
Carbon:Nitrogen ratio	-	-	-	-	-	-	-	-
Phosphorus (extractable)	mg/l P	-	-	-	-	-	-	-
Potassium (extractable)	mg/l K	-	-	-	-	-	-	-
Magnesium (extractable)	mg/l Mg	-	-	-	-	-	-	-
Electrical conductivity[2]	µS/cm	-	-	-	-	-	-	-

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

VISIBLE CONTAMINANTS								
(air-dried soil)	% w/w	-	-	-	-	-	-	-
...of which plastics	% w/w	-	-	-	-	-	-	-
Sharps	% w/w	-	-	-	-	-	-	-

[1] Results are accredited to MCERTS if matrix confirmed as soil
[2] Results in leachate are accredited to ISO17025



Unit 6 Parkhead, Greencroft Industrial Park, Stanley, County Durham, DH9 7YB
Tel 01207 528578 Email customerservices@chemtech-env.co.uk
Vat Reg No. 772 5703 18 Registered in England number 4284013

DECLARATION OF COMPLIANCE (BS3882:2015)

Lab ref	75732	**Date received**	07/11/2025
Contract name	Meridian A&D ALC	**Analysis started**	14/11/2025
Sample ID	BH D.297	**Analysis completed**	14/11/2025
OS Grid reference	Not supplied	**Report issued**	14/11/2025
Date sampled	05/11/2025		

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	35						
Silt content	% w/w	42						
Sand content	% w/w	23						
Soil texture	**class**	**Clay**	N	N	N	N	N	N

Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH[1]	pH units	-	-	-	-	-	-	-
Carbonate (calcareous only)	% w/w $CaCO_3$	-	-	-	-	-	-	-
Nitrogen (total)	% w/w N	-	-	-	-	-	-	-
Carbon:Nitrogen ratio	-	-	-	-	-	-	-	-
Phosphorus (extractable)	mg/l P	-	-	-	-	-	-	-
Potassium (extractable)	mg/l K	-	-	-	-	-	-	-
Magnesium (extractable)	mg/l Mg	-	-	-	-	-	-	-
Electrical conductivity[2]	µS/cm	-	-	-	-	-	-	-

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

VISIBLE CONTAMINANTS								
(air-dried soil)	% w/w	-	-	-	-	-	-	-
...of which plastics	% w/w	-	-	-	-	-	-	-
Sharps	% w/w	-	-	-	-	-	-	-

[1] Results are accredited to MCERTS if matrix confirmed as soil
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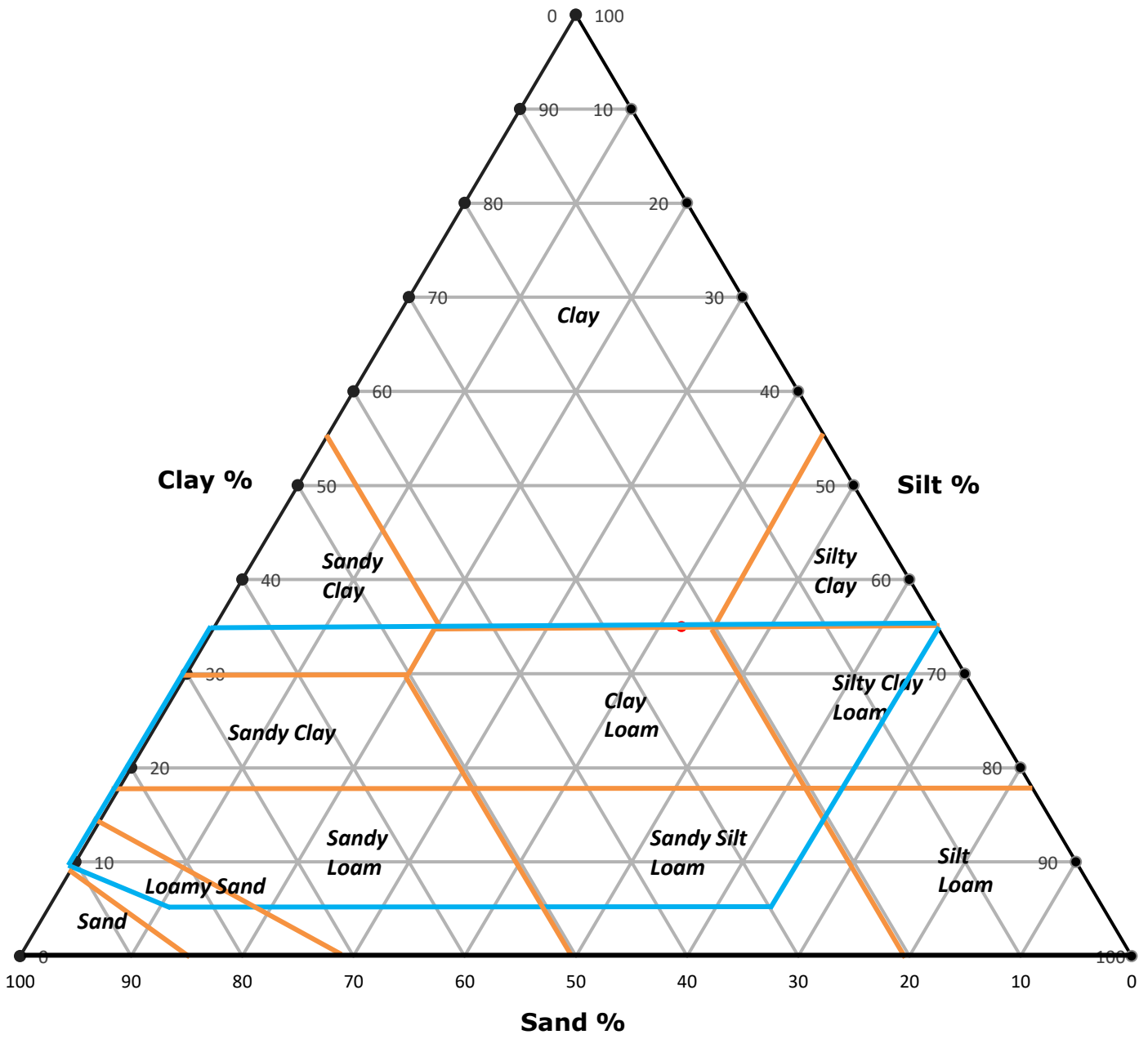

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REPORT INFORMATION

Report No.:25-10958, 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.

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, 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