Meridian Solar Farm

EN010169

Volume 6

Environmental Statement

6.3 ES Appendix 5-3: Agricultural Land Classification Report – Parcels B and C

APFP Regulation 5(2)(a)

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

March 2026

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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 6 June 2025 and REL's Terms and Conditions of Engagement, (together "the Agreement") as accepted by the Client on 6 June 2025.	
Site Name	Meridian Solar (Parcels B & C).	
Site Address	Queen's Bank, Spalding, PE12 0TZ ("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.

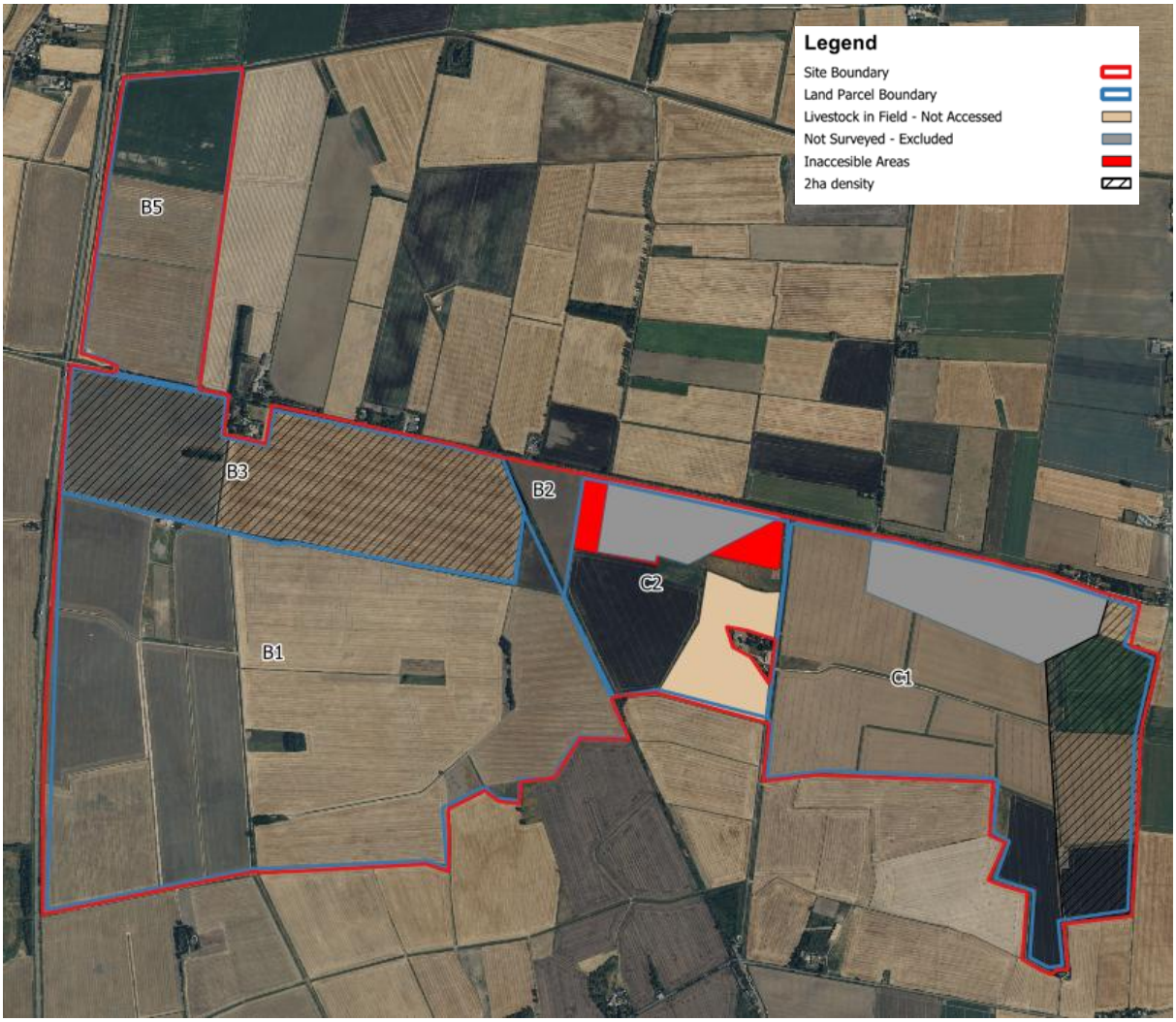
	Documentation Source	Soil Classification for Soil Survey, Monographs on Soil Survey, Butler, B E (1980), Clarendon Press, Oxford.
		Hodgson, J.M (ed.) (2022). Soil Survey Field Handbook. Soil Survey Technical Monograph No. 5, Cranfield.
		Meteorological Office (Met Office), 1989, Climatological Data 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 June 2025 and November 2025.

2. Site Details

National Grid Ref.	Approximate centre of the site: 528616, 313934
Ground Level Topography	Range 0-4m AOD, average for site: c.2m AOD
Site Area	598 hectares (ha).
Location	The subject site is bound by Queen's Bank in the north and the A16 in the west, with Martins Road intersecting the site centrally, approximately 10.8km south of the town of Spalding. South Holland Main Drain is located along the northernmost boundary of the site and the Cox's Drain intersects the site in the west. The A16 is located adjacent west of the site, providing a link to the city centre of Peterborough 20.6km to the southwest and Boston town centre 20.8km to the northeast. For the purpose of this report, the site boundary in **Figure 1** has been divided into Survey Area sections B (1,2,3 and 5) and C (1 and 2) (see **Figure 2**).

Figure 1: Site Boundaries (highlighted in red)

Figure 2: Sections of the Surveyed Area Highlighted in Purple (1 intrusion per 100m) and Orange (1 intrusion per 200m)



Current Site Description and Usage	The subject site comprises agricultural fields which are currently used for arable crops (based on observations made during the site visit), the crop was viewed as a mix of mustard seeds, wheat and cereals. Section B2 (see **Figure 2**) mainly comprised maintained grassland
Surrounding Land Uses	Surrounding land uses comprise agricultural fields around the entire site.
Site History	From the earliest mapping dated 1888, the site is shown as agricultural land.
Current Grading	The site is currently mapped as Grade 2 on the provisional 1: 250,000 scale ALC map (MAFF, 1983), and areas in the west mapped as Grade 1, 2 and 3a on the post-1988 mapping data. See **Appendix V** for key to the gradings.

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.

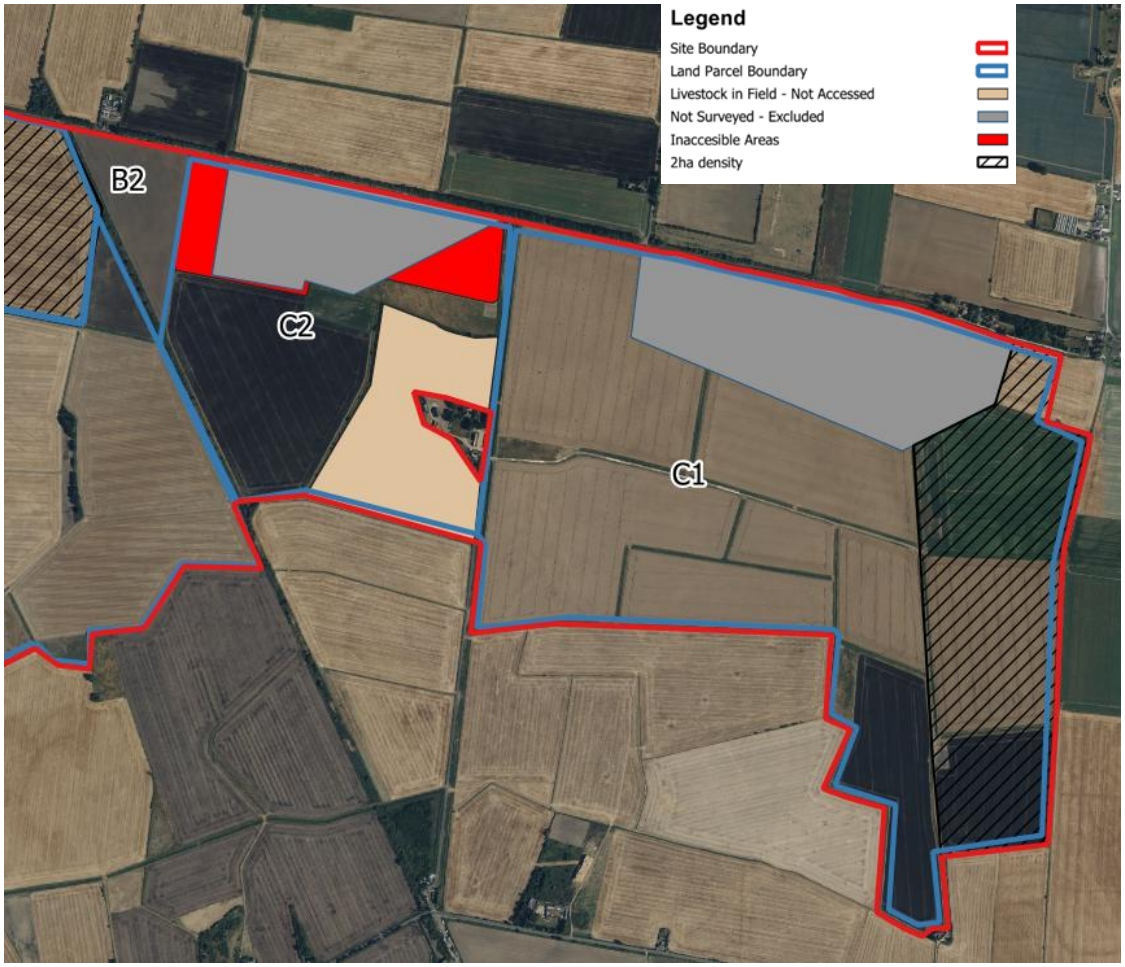
3.2. Intrusive Soil Survey

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

Figure 3: Inaccessible Area (Highlighted in Red and Orange



3.3.1. Figure 3 shows an extract of the inaccessible areas in Survey Area C1 and C2 due to Livestock and archaeological features (see Figure 2). Where extrapolation of data based on adjacent sample points has not been possible due to degree of surrounding grade variance, these have been excluded from this assessment (see **Appendix I**).

3.3.2. Further to the original survey, areas of the site which were initially inaccessible due to crop density (highlighted in Red), have been since resurveyed, however it is noted that this additional survey work was undertaken in different seasonal/ground conditions to the original survey, however this data was analysed using the same criteria under MAFF guidelines.

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. 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.

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: 528616, 313934)		
Average Annual Rainfall (mm)	AAR	544.00
Accumulated Temperature (˚C)	ATO	1446.68
Field Capacity Duration (Days)	FCD	93.00
Moisture Deficit Wheat (mm)	MDWHT	119.03
Moisture Deficit Potatoes (mm)	MDPOT	114.78

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 0.0˚ and 4.4˚, therefore topography is not identified to 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 is indicated as the Oxford Clay Formation (Mudstone), with the potential for the West Walton Formation (Mudstone and Siltstone) to be present in the west.

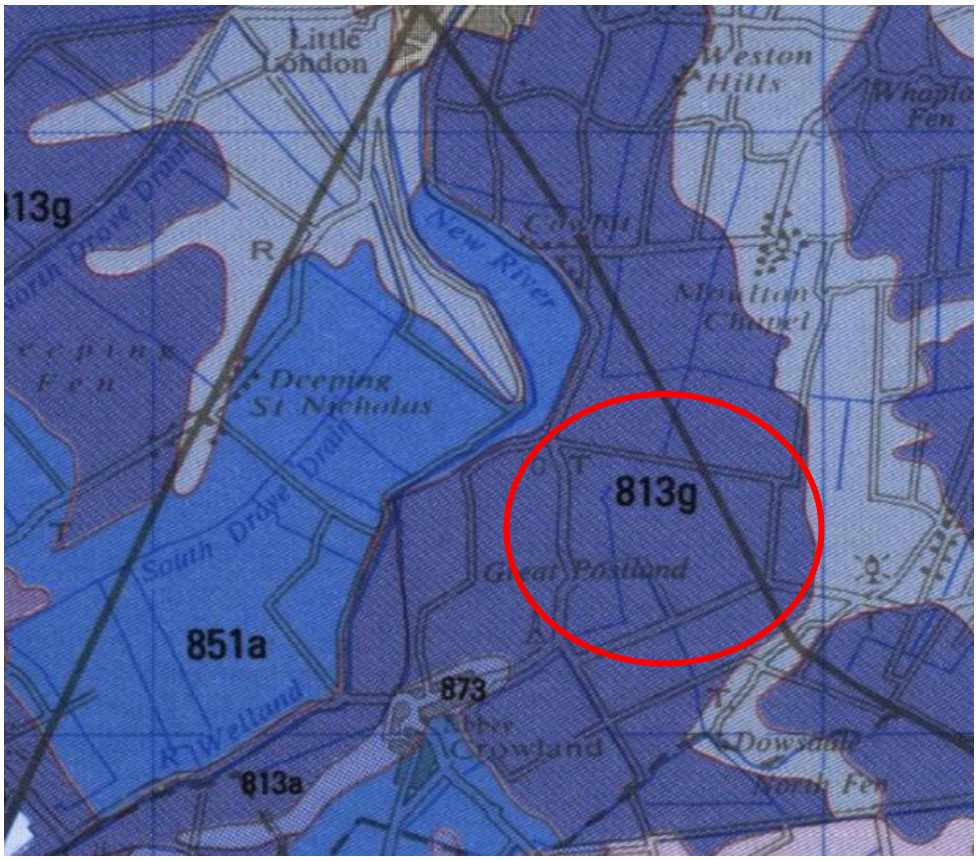
4.5. Published Soils Data

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 4.

4.5.2. The soils mapping suggests the soils on site comprise the Wallasea 2 Association. 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.

Figure 4: Soils Mapping for the Site and Surrounding Area (site location indicated in red)



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, 2.

4.7. Flood Risk Assessment

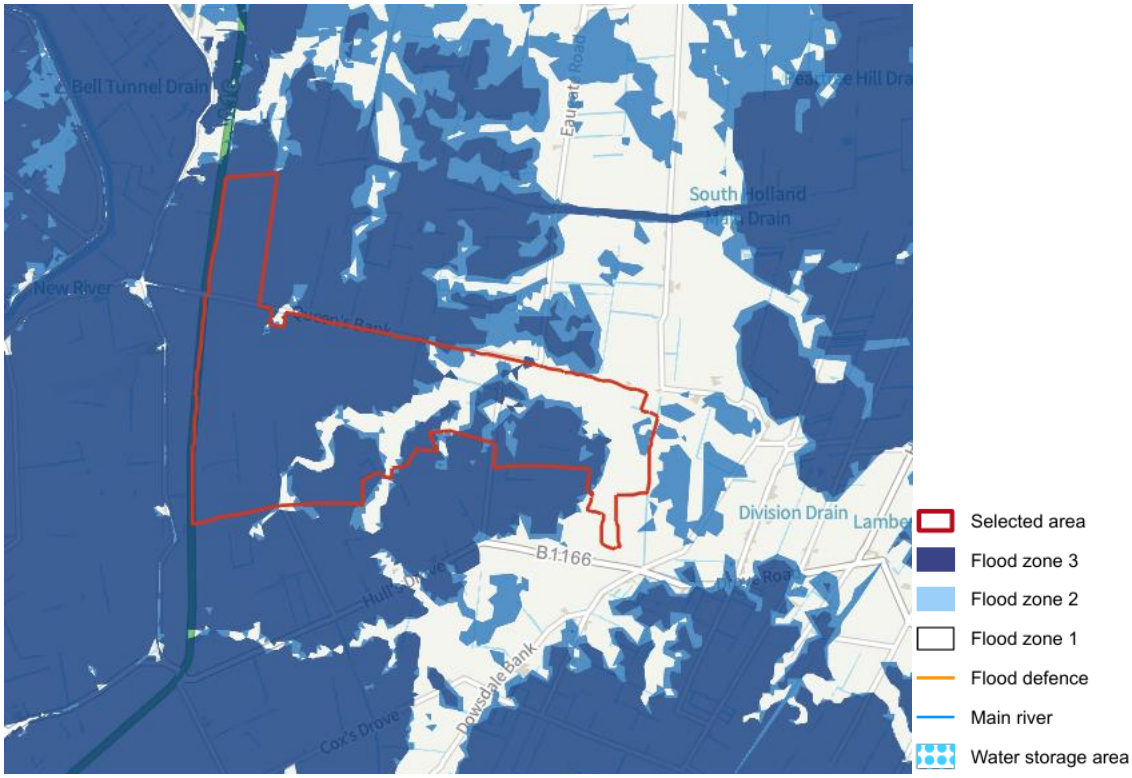
4.7.1. REL have been provided with the following previous third-party report relating to the flood risk on site:

- **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.

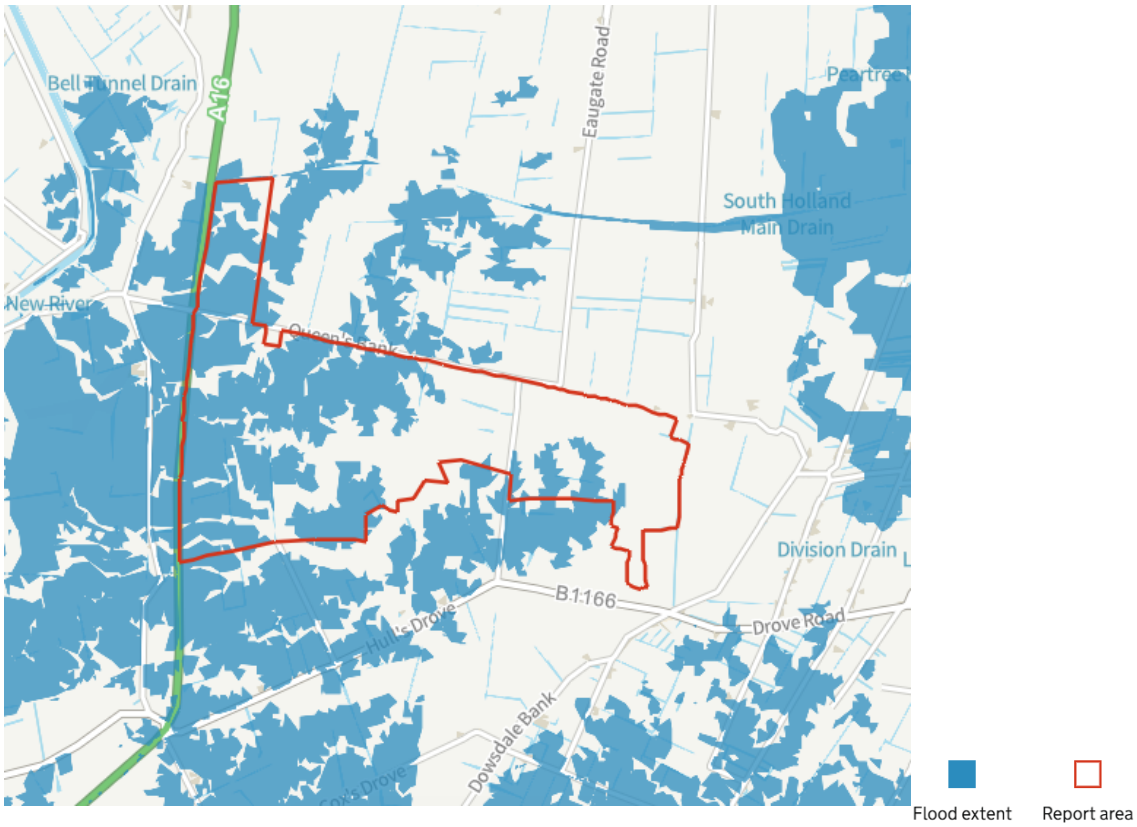
4.7.3. AECOM Ltd reported that the flood risk present from fluvial flooding for the Solar Development Area is High, with the majority of the site located within Flood Zone 2 and 3 (High Probability) areas. Long term flooding is additionally shown to be low to medium risk, which takes into consideration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

Figure 5: Flood Risk Present from Rivers and the Sea for the Site (site boundary defined in red)



4.7.4. The interactive EA Flood Map for Planning on the UK Government website identifies a large portion the site to be within a Flood Zone 3 (High Probability) area, Central and eastern extents of the site are mapped as being within Flood zone 1 (Low) and 2 (Medium Probability) areas (**Figure 5**).

Figure 6: Long Term Local Flood Risk from Rivers or the Sea for the Site and Surrounding Area



4.7.5. After reviewing the long-term flood risk map (Figure 6) it is considered that the majority of the site is situated within an area classed as having a Low-medium probability of flooding from rivers and sea.

Figure 7: Flood Risk Present from Surface Water for the Site (approximate site centre indicated by cross)

4.7.6. Figure 7 shows that the site has a low risk of surface water flooding.

4.7.7. The impact of flood risk has been 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).

4.7.8. The mapping identifies a High risk of flooding from rivers or 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	0-30	Coarse Sandy Silt Loam (cSZL)	Dark Brown (10YR 3/3)	0	No	Subangular Blocky
	30-120	Fine Loamy Sand (fLS)	Dark Yellowish Brown (10YR 4/4)	0	Few Fine Ochreous (7.5YR 5/8) and Grey (7.5YR 6/1) Mottles	Fine Subangular Blocky
Soil Type 2	0-35	Heavy Silty Clay Loam (HZCL)	Very Dark Greyish Brown (10YR 3/2)	0	No	Subangular Blocky
	35-70	Silty Clay (ZC)	Dark Brown (7.5YR 3/2)	0	Few Fine Ochreous (2.5YR 4/6) Mottles	Coarse Prismatic
	70-120	Clay (C)	Brown (10YR 4/3)	0	Few Fine Ochreous (10YR 4/6) and Grey (2.5Y 5/1) Mottles	Coarse Prismatic

5.1.2. The general profiles for the soil types identified on the Site have 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 Class Assessment for Soil Types Encountered on Site

Soil Type	Parameters (Figure 6, MAFF)						
	Disturbed	FCD	SPL (depth cm) Justification	Colour	Gleying (depth cm) Justification	Ref	Wetness Class
Soil Type 1	No	93.00	No SPL layer was identified to be present within the top 120cm.	Other	Gleying was not identified to be present within the top 120cm.	N/A	I
Soil Type 2	No	93.00	At a depth of 35cm, the SPL was identified to be present due to the following characteristics: • Silty Clay (ZC) • coarse prismatic structure • weakly developed • less than 0.50% biopores greater than 0.50mm diameter • evidence of wetness in the layer; ochreous mottles	Other	Gleying was not identified to be present within the top 120cm.	Figure 7	III

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 combination of the topsoil texture (Coarse Sandy Silt Loam), Wetness Class (I) and the number of Field Capacity Days (93.00) results in ALC Grade 1 for Type 1 soils. However, it is noted that discrete areas of the site are not managed differently to the wider site area and where there is no visual difference between these areas and the lower graded adjacent land it is justifiable to group these areas of Grade 1 into the surrounding lower graded land.

5.2.2. A total of c.57ha has been identified with the combination the topsoil texture (Heavy Silty Clay Loam), Wetness class (I) and the number of Field Capacity Days (93.00) which results in ALC Grade 2 for Type 1 Soils. However, it is noted that discrete areas of approximately 7ha of this grade are not managed differently to the wider site area and there is no visual difference between these areas and the lower graded adjacent land. It is therefore justifiable to group these areas of Grade 2 into the surrounding lower graded land.

5.3. Soil Type 2 - Wetness Limitation

5.3.1. The combination of the topsoil texture (Heavy Silty Clay Loam), Wetness Class (III) and the number of Field Capacity Days (93.00) results in ALC Grade 3b for Type 2 soils.

5.3.2. A total of 26.56ha has been identified with the combination the topsoil texture (Medium Silty Clay Loam), Wetness class (II) and the number of Field Capacity Days (93.00) which results in ALC Grade 2 for Type 2 Soils. However, it is noted that discrete areas of the site are not managed differently to the wider site area and there is not visual difference between these areas and the lower graded adjacent land. It is therefore justifiable to group these areas of Grade 2 into the surrounding Grade 3b land.

5.3.3. A total of 157.83ha has been identified with the combination the topsoil texture (Medium Silty Clay Loam), Wetness class (III) and the number of Field Capacity Days (93.00) which results in ALC Grade 3a for Type 2 Soils. However, it is noted that these sections of the site are not managed differently to the wider site area and where there are no visual difference between these areas and the lower graded adjacent land it is justifiable to group these areas of Grade 3a into the surrounding Grade 3b land.

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	97.49	16.1%
Grade 2	83.43	13.8%
Subgrade 3a	157.83	26.1%
Subgrade 3b	208.93	34.5%
Grade 4	0.0	0.0%
Grade 5	0.0	0.0%
Non-Agricultural	0.0	0.0%
Not Surveyed/No Access	57.43	9.5%
Total Site Area	605.11	100%
Total BMV	338.75	56.0%
Total Non-BMV	208.93	34.5%
Not Surveyed/No Access	57.43	9.5%
Total Site Area	605.11	100%

Table 5: ALC Classification field averages

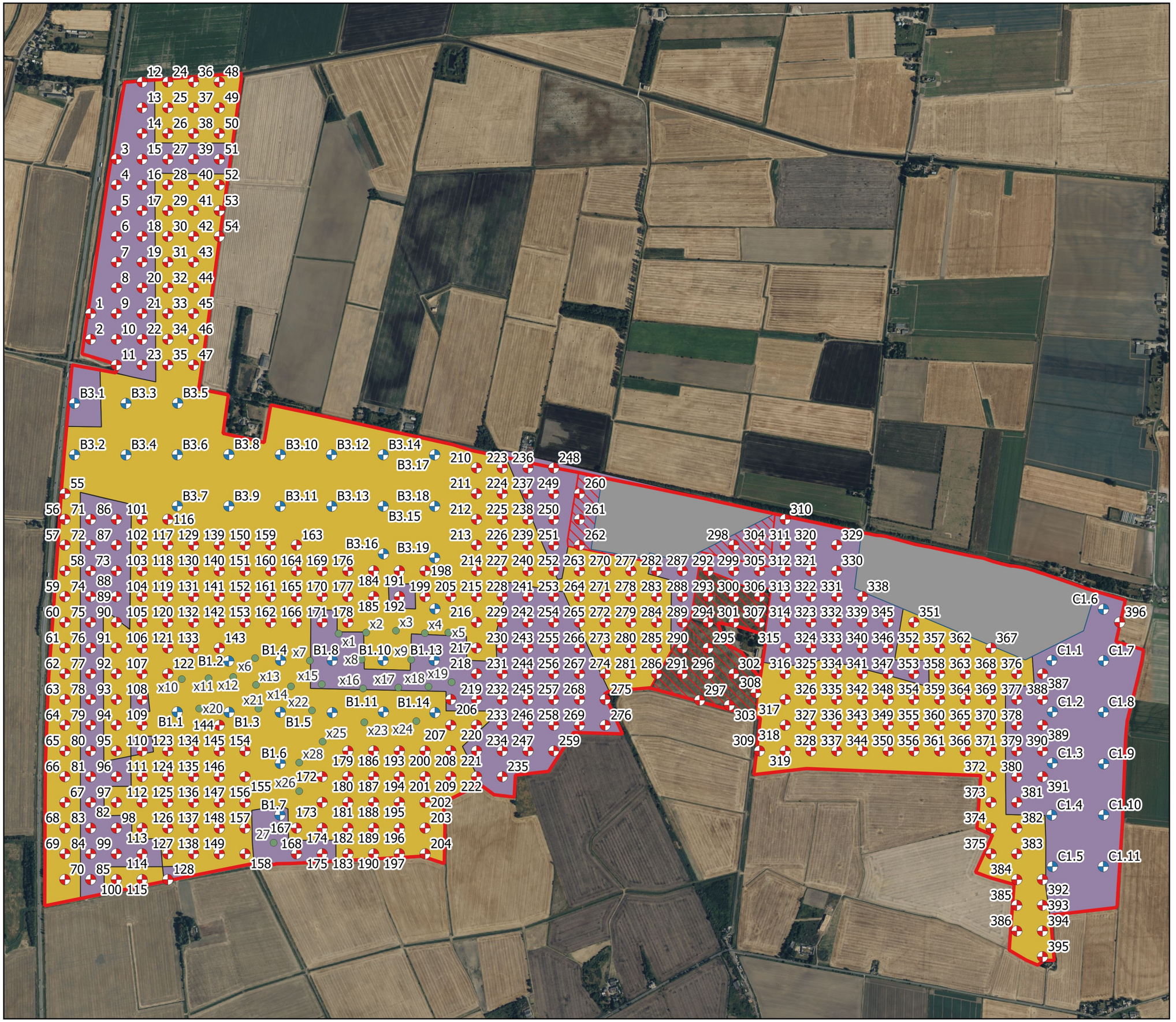
ALC Grade	Area (Ha)	Percentage
Grade 1	73.82	12.2%
Grade 2	77.90	12.9%
Subgrade 3a	165.33	27.3%
Subgrade 3b	230.63	38.1%
Grade 4	0.0	0.0%
Grade 5	0.0	0.0%
Non-Agricultural	0.0	0.0%
Not Surveyed/No Access	57.43	9.5%
Total Site Area	605.11	100%
Total BMV	317.05	52.4%
Total Non-BMV	230.63	38.1%
Not Surveyed	57.43	9.5%
Total Site Area	605.11	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 (230.63ha), with approximately 73.82ha identified as ALC Grade 1, 77.90ha identified as ALC Grade 2 and 165.33ha identified as ALC Grade 3a due to wetness limitation. As such, Best and Most Versatile (BMV) land has been identified on 52.4% of the overall site area.

7. Appendices

Appendix I – Site Plans



Legend

- Site Boundary
- Proposed Sample Points per 1ha
- Proposed Sample Points per 2ha
- X (Auger Samples)
- ST 1
- ST2
- Not Surveyed - Excluded
- No Access

0 100 200 300 400 500 m

N

Figure
Proposed Auger Locations and Soil Types

Job
Meridian Solar Farm (B&C), Spalding

Client
AECOM Ltd

Figure No.	Revision	Date
2	4	03 December 2025
Drawn by	Checked by	Scale
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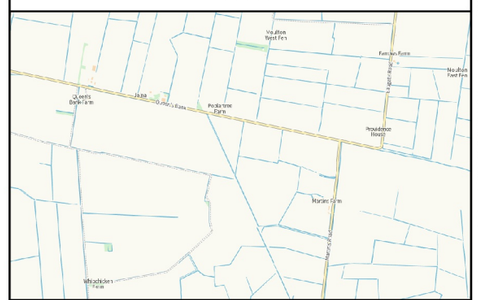
Job No.
250609



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Legend

- Site Boundary
- Proposed Sample Points per 1ha
- Proposed Sample Points per 2ha
- X (Auger Samples)
- ALC Grade 1
- ALC Grade 2
- ALC Grade 3a
- ALC Grade 3b
- Not Surveyed - Excluded
- Livestock in Field - Not Accessed

0 100 200 300 400 500 m

N

Figure: Auger Samples and Point by Point ALC Grades

Job: Meridian Solar Farm (B&C), Spalding

Client: AECOM Ltd

Figure No.	Revision	Date
3	4	03 December 2025

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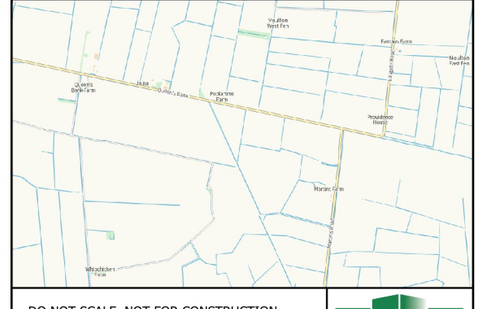
Job No.: 250609



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Legend

- Site Boundary
- Proposed Sample Points per 1ha
- Proposed Sample Points per 2ha
- X (Auger Samples)
- Avg ALC Grade 1
- Avg ALC Grade 2
- Avg ALC Grade 3a
- Avg ALC Grade 3b
- Livestock in Field - Not Accessed
- Not Surveyed - Excluded

0 100 200 300 400 500 m

N

Figure	Auger Samples and Averaged ALC Grades
Job	Meridian Solar Farm (B&C), Spalding
Client	AECOM Ltd

Figure No.	Revision	Date
4	4	03 December 2025
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250609		

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Appendix II - Site Survey Logs

		93		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	Wetness class	Wetness Grade	condition	Wheat	Potatoes
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
1	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
2	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
3	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
4	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
5	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
6	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
7	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
8	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
9	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
10	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
11	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
12	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
13	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
14	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
15	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
16	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
17	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
18	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
19	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		

	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
20	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
21	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
22	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
23	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
24																			No	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	-		MSAB	No	No				moderate		
	20	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
25																			No	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	-		MSAB	No	No				moderate		
	20	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
26																			No	Figure 7	III	3a	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
27	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	45	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	90	SCL	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
28	90	120	C	10YR	4	3	Brownish	10YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	WC1	I	1	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	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
29																			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	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
30																			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	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
31																			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	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
32																			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	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
33																			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	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
34																			No	Figure 7	III	3b	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	40	120	SC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CSAB	SPL	No				moderate		
35																			No	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	-		MSAB	No	No				moderate		
	40	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
36																			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	-		MSAB	No	No				moderate		
	30	80	SCL	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
37	80	120	C	10YR	4	3	Brownish	10YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 8	III	3a	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	40	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
38																			No	Figure 7	III	3a	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
39	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	40	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
40																			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	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
41																		No	No	Figure 7	III	3b	moderate	1	1
	0	55	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	55	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
42																		No	No	Figure 7	II	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	SC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CSAB	SPL	No				moderate		
43																		No	No	Figure 7	III	3a	moderate	1	1
	0	50	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
44																		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	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
45																		No	No	Figure 7	III	3b	moderate	1	1
	0	50	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
46																		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	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
47																		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	-		MSAB	No	No				moderate		
	25	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
48																		No	No	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	-		MSAB	No	No				moderate		
	20	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
49																		No	No	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	-		MSAB	No	No				moderate		
	20	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
50																		No	No	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	-		MSAB	No	No				moderate		
	20	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
51																		No	No	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	-		MSAB	No	No				moderate		
	20	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
52																		No	No	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	-		MSAB	No	No				moderate		
	40	120	SC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CSAB	SPL	No				moderate		
53																		No	No	Figure 7	III	3a	moderate	1	1
	0	50	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
54																		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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
55	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
56	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
57	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
58	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
59	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
60	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
61	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
62	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
63	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
64	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
65	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
66	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
67	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
68	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
69	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
70	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	3a	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
71	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
72	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
73	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
74	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
75	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
76	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
77	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
78	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
79	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
80	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
81	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
82	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		

	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
83	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
84	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
85	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
86	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
87	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
88	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
89	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
90	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
91	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
92	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
93	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
94	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
95	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	3a	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
96	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
97	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	3a	moderate	1	1
	0	20	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	20	50	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
98	50	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
99	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
100	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
101	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
102	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
103	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
104	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	3a	moderate	1	1
	0	50	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
105	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
106	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
107	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	3a	moderate	1	1
	0	40	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	40	50	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
108	50	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	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	55	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
109	55	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	3a	moderate	1	1
	0	25	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	25	60	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
110	60	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
111	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
112	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
113	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	3a	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
114	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
115	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
116	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
117	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
118	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
119	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
120																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
121																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
122																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
123																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
124																		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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
125	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
126	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
127	70	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	3a	moderate	1	1
	0	30	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	45	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
128	45	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
129																		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	70	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
130	70	120	C	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		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	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
131																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
132																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
133																		No	No	Figure 7	III	3b	moderate	1	1
	0	50	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
134																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
135																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
136																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
136																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
137																		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	70	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
138	70	120	C	10YR	4	3	Brownish	10YR	6	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	-		CSAB	No	No				moderate		
	30	70	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
139	70	120	C	10YR	4	3	Brownish	10YR	6	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	-		CSAB	No	No				moderate		
	30	70	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
140	70	120	C	10YR	4	3	Brownish	10YR	6	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	-		CSAB	No	No				moderate		
	30	70	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
141	70	120	C	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	40	120	SC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CSAB	SPL	No				moderate		
142																		No	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	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
143																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
144																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
145																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
146																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
147																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
148																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
150																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
151																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
152																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
154																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
155																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
156																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
157																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
158																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
159																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
160																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
161																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
162																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
166																		No	No	Figure 7	III	3b	moderate	1	1
	0	45	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
167																		No	No	Figure 7	III	3a	moderate	1	1
	0	20	HZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	20	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
168	70	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No	Figure 8	II	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	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
169																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
170																		No	No	Figure 7	III	3b	moderate	1	1
	0	20	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	20	70	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
171	70	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No	Figure 8	II	1	moderate	1	1
	0	45	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
172																		No	No	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	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
173																		No	No	Figure 7	III	3a	moderate	1	1
	0	50	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	50	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				poor		
174																		No	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	-		MSAB	No	No				moderate		
	30	45	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
175	45	120	ZL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	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	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
176																		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	70	MZCL	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		MSAB	SPL	No				moderate		
177	70	120	ZC	10YR	4	3	Brownish	10YR	6	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	-		CSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
178																		No	No	Figure 7	III	3b	moderate	1	1
	0	45	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
179																		No	No	Figure 7	III	3a	moderate	1	1
	0	45	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
180																		No	No	Figure 7	III	3a	moderate	1	1
	0	45	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
181																		No	No	Figure 7	III	3a	moderate	1	1
	0	50	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	50	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
182																		No	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	60	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
183	60	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
184																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
185																		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	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
186																		No	No	Figure 7	III	3a	moderate	1	1
	0	45	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		

	45	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
187																		No	No	Figure 7	III	3a	moderate	1	1
	0	50	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	50	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
188																		No	No	Figure 7	III	3a	moderate	1	1
	0	50	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	50	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
189																		No	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	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
190																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
191																		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	70	MZCL	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		MSAB	SPL	No				moderate		
192	70	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	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	-		MSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
193																		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	-		MSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
194																		No	No	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	-		MSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
195																		No	No	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	-		MSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
196																		No	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	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
197																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
198																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
199																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	FSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		FSAB	No	No				moderate		
	35	120	MSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
200																		No	No	WC1	I	1	moderate	1	1
	0	35	FSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		FSAB	No	No				moderate		
	35	120	MSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
201																		No	No	WC1	I	1	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
202																		No	No	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	-		MSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
203																		No	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	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
204																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
205																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	FSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		FSAB	No	No				moderate		
	35	120	MSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
206																		No	No	WC1	I	1	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
207																		No	No	Figure 7	III	3a	moderate	1	1
	0	35	FSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		FSAB	No	No				moderate		

	35	120	MSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
208																		No	No	WC1	I	1	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	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
209																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
210																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
211																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
212																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
213																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
214																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
215																		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	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
216																		No	No	Figure 7	III	3b	moderate	1	1
	0	65	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	65	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
217																		No	No	Figure 8	II	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	70	MZCL	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		MSAB	SPL	No				moderate		
218	70	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 7	III	3b	moderate	1	1
	0	35	FSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		FSAB	No	No				moderate		
	35	120	MSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
219																		No	No	WC1	I	1	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		WCP	No	No				moderate		
220																		No	No	WC1	I	1	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	60	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
221	60	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 7	II	2	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	40	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		WCP	No	No				moderate		
222																		No	No	WC1	I	1	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
223																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
224																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
225																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
226																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
227																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
228																		No	No	Figure 7	III	3b	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	40	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
229	40	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	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	40	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
230	40	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	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	40	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
231	40	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 7	III	3a	moderate	1	1
	0	35	FSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		FSAB	No	No				moderate		
	35	120	MSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
232																		No	No	WC1	I	1	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	70	MZCL	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		MSAB	SPL	No				moderate		
233	70	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	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	60	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
234	60	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 7	II	2	moderate	1	1
	0	50	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	70	MZCL	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		MSAB	SPL	No				moderate		
235	70	120	ZC	10YR	4	3	Brownish	10YR	6	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	-		CSAB	No	No				moderate		
	30	120	FSZL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
236																		No	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	FSZL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
237																		No	No	WC1	I	2	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
238																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
239																		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	-		MSAB	No	No				moderate		
	30	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		CP	SPL	No				moderate		
240																		No	No	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	70	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
241	70	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 8	II	2	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	40	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
242	40	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	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	70	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
243	70	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 8	II	2	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	75	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
244	75	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 8	II	2	moderate	1	1
	0	45	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	45	70	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
245	70	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 8	II	2	moderate	1	1
	0	50	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	70	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
246	70	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 8	II	2	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	60	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
247	60	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 8	II	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	FSZL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
248																		No	No	WC1	I	2	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	FSZL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
249																		No	No	WC1	I	2	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	FSZL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
250																		No	No	WC1	I	2	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	FSZL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
251																		No	No	WC1	I	2	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	FSZL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
252																		No	No	WC1	I	2	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	40	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
253	40	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	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	40	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
254	40	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	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	75	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
255	5	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	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	75	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
256	5	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	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	75	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
257	5	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	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	60	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
258	60	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 7	II	2	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	60	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
259	60	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 7	II	2	moderate	1	1
	No Access																						moderate		
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260																							moderate		
	No Access																						moderate		
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261																							moderate		
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262																							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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
263																		No	No	Figure 7	III	3b	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	75	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
264	75	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 8	II	2	moderate	1	1
	0	50	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
265																		No	No	Figure 7	III	3b	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	75	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
266	75	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 8	II	2	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	75	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
267	75	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 8	II	2	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	75	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
268	75	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 8	II	2	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	60	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
269	60	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 8	II	2	moderate	1	1
	0	55	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	55	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
270																		No	No	Figure 7	II	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	75	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
271	75	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 7	II	2	moderate	1	1
	0	50	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
272																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
273																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
274																		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	70	MZCL	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		MSAB	SPL	No				moderate		
275	70	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	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	60	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
276	60	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 7	II	2	moderate	1	1
	0	55	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	55	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
277																		No	No	Figure 7	II	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	75	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
278	5	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 7	III	3a	moderate	1	1
	0	50	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
279																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
280																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
281																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	35	80	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
282	80	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	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	75	ZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
283	5	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No	Figure 7	III	3a	moderate	1	1
	0	50	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
284																		No	No	Figure 7	III	3b	moderate	1	1
	0	50	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
285																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
286																		No	No	Figure 7	III	3b	moderate	1	1
	0	35	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	35	80	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
287	80	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	50	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	50	80	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
288	80	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	50	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	50	80	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
289	80	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	No Access																						moderate		
290																							moderate		
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291																							moderate		
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	0	50	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		

	50	60	FSZL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
292	60	120	MZCL	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		MSAB	SPL	No	Figure 7	II	3a	moderate	1	1
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	0	45	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	45	75	FSZL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		FSAB	No	No				moderate		
299	75	120	MZCL	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		MSAB	SPL	No	Figure 8	II	3a	moderate	1	1
	No Access																						moderate		
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	0	60	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	60	80	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
305	80	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
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	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	60	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
310	60	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	60	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
311	60	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	60	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
312	60	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	60	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		

313	60	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	60	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
314	60	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	60	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
315	60	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	No Access																						moderate		
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316																							moderate		
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	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	60	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
320	60	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	60	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
321	60	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	60	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
322	60	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	60	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
323	60	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	0	45	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	75	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
324	75	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	No Access																						moderate		
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325																							moderate		
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328																							moderate		
	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	60	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
329	60	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	60	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
330	60	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	60	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
331	60	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	0	45	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	75	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
332	75	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	0	50	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	50	70	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
333	70	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	No Access																						moderate		
																							moderate		
334																							moderate		

335	No Access																							moderate moderate moderate		
336	No Access																							moderate moderate moderate		
337	No Access																							moderate moderate moderate		
	0	45	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	75	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
338	75	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	0	50	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	50	70	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
339	70	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	0	50	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	50	70	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
340	70	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	0	55	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	55	80	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
341	80	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
342																		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	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
343																		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	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
344																		No	No	Figure 7	III	3b	moderate	1	1
	0	20	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	20	40	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
345	40	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	60	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
346	60	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	moderate	1	1
	0	20	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	20	40	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
347	40	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	2	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
348																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
349																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
350																		No	No	Figure 7	III	3b	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
351																		No	No	Figure 7	II	3a	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
352																		No	No	Figure 7	II	3a	moderate	1	1
	0	45	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	75	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
353	75	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
354																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
355																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
356																		No	No	Figure 7	III	3b	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
357																		No	No	Figure 7	II	3a	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
358																		No	No	Figure 7	II	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	40	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
359	40	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	60	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
360	69	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
361																		No	No	Figure 7	III	3b	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
362																		No	No	Figure 7	II	3a	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
363																		No	No	Figure 7	II	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	40	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
364	40	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	60	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
365	69	120	C	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
366																		No	No	Figure 7	III	3b	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
367																		No	No	Figure 7	II	3a	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
368																		No	No	Figure 7	II	3a	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
369																		No	No	Figure 7	II	3a	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
370																		No	No	Figure 7	II	3a	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
371																		No	No	Figure 7	II	3a	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
372																		No	No	Figure 7	II	3a	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
373																		No	No	Figure 7	II	3a	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
374																		No	No	Figure 7	II	3a	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
375																		No	No	Figure 7	II	3a	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
376																		No	No	Figure 7	II	3a	moderate	1	1

	0	45	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	75	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
377	75	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	45	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	75	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
378	75	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	45	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	75	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
379	75	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	45	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	75	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
380	75	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	45	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	75	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
381	75	120	FSL	10YR	4	4	Brownish	7.5R	5	8	Ochreous	7.5YR	6	1	Greyish		MSAB	No	No	WC1	I	1	moderate	1	1
	0	50	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
382																		No	No	Figure 7	III	3b	moderate	1	1
	0	50	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
383																		No	No	Figure 7	III	3b	moderate	1	1
	0	50	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
384																		No	No	Figure 7	III	3b	moderate	1	1
	0	50	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
385																		No	No	Figure 7	III	3b	moderate	1	1
	0	50	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
386																		No	No	Figure 7	III	3b	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	120	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		MSAB	No	No				moderate		
387																		No	No	WC1	I	1	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	120	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		MSAB	No	No				moderate		
388																		No	No	WC1	I	1	moderate	1	1
	0	40	MZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	45	120	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		MSAB	No	No				moderate		
389																		No	No	WC1	I	1	moderate	1	1
	No Access																						moderate		
																							moderate		
390																							moderate		
	No Access																						moderate		
																							moderate		
391																							moderate		
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
392																		No	No	Figure 7	II	3a	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
393																		No	No	Figure 7	II	3a	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
394																		No	No	Figure 7	II	3a	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
395																		No	No	Figure 7	II	3a	moderate	1	1
	0	50	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
396																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B1.1																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B1.2																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B1.3																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B1.4																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HCL	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	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		WCP	No	No				moderate		
B1.5																		No	No	WC1	I	2	moderate	1	1
	0	30	HCL	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	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		WCP	No	No				moderate		
B1.6																		No	No	WC1	I	2	moderate	1	1
	0	20	HCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	20	70	HZCL	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CSAB	SPL	No				moderate		
B1.7	70	120	MZCL	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		FSAB	No	No	Figure 8	II	3a	moderate	1	1
	0	30	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	30	120	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
B1.8																		No	No	WC1	I	2	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	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		WCP	No	No				moderate		
B1.9																		No	No	WC1	I	2	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B1.10																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HCL	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	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		WCP	No	No				moderate		
B1.11																		No	No	WC1	I	2	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B1.12																		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	MZCL	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		MSAB	SPL	No				moderate		
B1.13																		No	No	Figure 7	III	3b	moderate	1	1
	0	30	HCL	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	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		WCP	No	No				moderate		
B1.14																		No	No	WC1	I	2	moderate	1	1
	0	50	HZCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	50	60	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		FSAB	No	No				moderate		
B3.1	60	120	MZCL	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CSAB	SPL	No	Figure 7	II	1	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B3.2	90	120	ZC	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B3.3																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B3.4																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B3.5																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B3.6	90	120	ZC	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B3.7																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B3.8	90	120	ZC	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B3.9																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B3.10	90	120	ZC	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B3.11																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B3.12	90	120	ZC	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B3.13																		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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B3.14	90	120	ZC	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	3a	moderate	1	1
	0	55	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	55	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B3.15																		No	No	Figure 7	II	3a	moderate	1	1
	0	60	HZCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	60	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B3.16																		No	No	Figure 7	II	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	90	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B3.17	90	120	ZC	10YR	4	3	Brownish	10YR	6	4	Pale	2.5Y	5	1	Greyish		CP	No	No	Figure 8	II	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	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
B3.18																		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	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		

B3.19																		No	No	Figure 7	III	3b	moderate	1	1
	0	50	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		FSAB	No	No				moderate		
	50	120	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		MSAB	No	No				moderate		
C1.1																		No	No	WC1	I	1	moderate	1	1
	0	50	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		FSAB	No	No				moderate		
	50	120	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		MSAB	No	No				moderate		
C1.2																		No	No	WC1	I	1	moderate	1	1
	No Access																						moderate		
																							moderate		
C1.3																							moderate		
	No Access																						moderate		
																							moderate		
C1.4																							moderate		
	0	50	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		FSAB	No	No				moderate		
	50	120	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		MSAB	No	No				moderate		
C1.5																		No	No	WC1	I	1	moderate	1	1
	0	50	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		FSAB	No	No				moderate		
	50	120	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		MSAB	No	No				moderate		
C1.6																		No	No	WC1	I	1	moderate	1	1
	0	50	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		FSAB	No	No				moderate		
	50	120	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		MSAB	No	No				moderate		
C1.7																		No	No	WC1	I	1	moderate	1	1
	0	50	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		FSAB	No	No				moderate		
	50	120	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		MSAB	No	No				moderate		
C1.8																		No	No	WC1	I	1	moderate	1	1
	No Access																						moderate		
																							moderate		
C1.9																							moderate		
	No Access																						moderate		
																							moderate		
C1.10																							moderate		
	0	50	CSZL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		FSAB	No	No				moderate		
	50	120	FSZL	10YR	3	3	other	7.5YR	5	8	Ochreous	n/a	n/a	n/a	-		MSAB	No	No				moderate		
C1.11																		No	No	WC1	I	1	moderate	1	1

FCD:	93	MDWHT:	119	MDPOT:	114.78

Auger	Top	Bottom		Matrix				Mottles 1				Mottles 2				Stones	Structure	SPL	GLEYING	Figure	Wetness	Wetness		Droughtiness Grade	
Sample	depth(cm)	Depth (cm)	Texture	Hue	value	chroma	colour	Hue	value	chroma	colour	Hue	value	chroma	colour						class	Grade	condition	Wheat	Potatoes
	0	32	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	32	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
309																		No	No	Figure 7	III	3b	moderate	2	2
	0	30	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
316																		No	No	Figure 7	III	3b	moderate	2	2
	0	37	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	37	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
317																		No	No	Figure 7	III	3b	moderate	2	2
	0	25	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	25	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
318																		No	No	Figure 7	III	3b	moderate	2	2
	0	30	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	30	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
319																		No	No	Figure 7	III	3b	moderate	2	2
	0	32	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	32	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
325																		No	No	Figure 7	III	3b	moderate	2	2
	0	23	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	23	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
326																		No	No	Figure 7	III	3b	moderate	2	2
	0	35	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
327																		No	No	Figure 7	III	3b	moderate	2	2
	0	40	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
328																		No	No	Figure 7	III	3b	moderate	2	2
	0	35	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
334																		No	No	Figure 7	III	3b	moderate	2	2
	0	40	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	40	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
335																		No	No	Figure 7	III	3b	moderate	2	2
	0	30	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	20	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
336																		No	No	Figure 7	III	3b	moderate	1	1
	0	32	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	32	120	C	7.5YR	3	3	other	2.5YR	4	6	Ochreous	2.5Y	5	1	Greyish		CP	SPL	No				moderate		
337																		No	No	Figure 7	III	3b	moderate	2	2
	0	35	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	35	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
C1.3																		No	No	Figure 7	III	3b	moderate	2	2
	0	37	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	37	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
C1.4																		No	No	Figure 7	III	3b	moderate	2	2

	0	32	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	32	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
C1.9																		No	No	Figure 7	III	3b	moderate	2	2
	0	60	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		MSAB	No	No				moderate		
	60	120	ZC	10YR	4	3	Brownish	10YR	6	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
C1.10																		No	No	Figure 7	II	3a	moderate	2	2
	0	30	ZC	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
X.1																		No	No	Figure 7	III	3b	moderate	2	2
	0	32	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	32	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
X.2																		No	No	Figure 7	III	3b	moderate	2	2
	0	30	HCL	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	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		WCP	No	No				moderate		
X.3																		No	No	WC1	I	2	moderate	2	2
	0	37	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	37	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		WCP	No	No				moderate		
X.4																		No	No	WC1	I	2	moderate	2	2
	0	35	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		WCP	No	No				moderate		
X.5																		No	No	WC1	I	2	moderate	2	2
	0	45	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	45	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
X.6																		No	No	Figure 7	III	3b	moderate	2	2
	0	30	ZC	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
X.7																		No	No	Figure 7	III	3b	moderate	2	2
	0	42	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	42	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
X.8																		No	No	Figure 7	III	3b	moderate	2	2
	0	37	HCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	37	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
X.9																		No	No	Figure 7	III	3b	moderate	2	2
	0	30	ZC	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
X.10																		No	No	Figure 7	III	3b	moderate	2	2
	0	42	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	42	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
X.11																		No	No	Figure 7	III	3b	moderate	2	2
	0	38	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	38	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
X.12																		No	No	Figure 7	III	3b	moderate	2	2
	0	40	HCL	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		MAB	No	No				moderate		
X.13																		No	No	WC1	I	2	moderate	2	2
	0	45	HCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	45	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		MAB	No	No				moderate		
X.14																		No	No	WC1	I	2	moderate	2	2
	0	35	HCL	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		MAB	No	No				moderate		

X.15																		No	No	WC1	I	2	moderate	2	2
	0	45	HCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	45	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		MAB	No	No				moderate		
X.16																		No	No	WC1	I	2	moderate	2	2
	0	35	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	35	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		MAB	No	No				moderate		
X.17																		No	No	WC1	I	2	moderate	2	2
	0	42	HCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	42	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		MAB	No	No				moderate		
X.18																		No	No	WC1	I	2	moderate	2	2
	0	40	HCL	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		WCP	No	No				moderate		
X.19																		No	No	WC1	I	2	moderate	2	2
	0	30	ZC	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
X.20																		No	No	Figure 7	III	3b	moderate	2	2
	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		MAB	No	No				moderate		
X.21																		No	No	WC1	I	2	moderate	2	2
	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	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		WCP	No	No				moderate		
X.22																		No	No	WC1	I	2	moderate	2	2
	0	45	HCL	10YR	3	3	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	45	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	7.5YR	5	1	Greyish		WCP	No	No				moderate		
X.23																		No	No	WC1	I	2	moderate	2	2
	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		MAB	No	No				moderate		
X.24																		No	No	WC1	I	2	moderate	2	2
	0	42	ZC	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	42	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
X.25																		No	No	Figure 7	III	3b	moderate	2	2
	0	32	HCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	32	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
X.26																		No	No	Figure 7	III	3b	moderate	2	2
	0	42	HCL	10YR	3	2	other	n/a	n/a	n/a	-	n/a	n/a	n/a	-		CSAB	No	No				moderate		
	42	120	ZC	7.5YR	3	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
X.27																		No	No	Figure 7	III	3b	moderate	2	2
	0	35	HCL	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	3	other	2.5YR	4	6	Ochreous	n/a	n/a	n/a	-		CP	SPL	No				moderate		
X.28																		No	No	Figure 7	III	3b	moderate	2	2

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, Spalding** General view of survey area B1 and B5.	
2.	**Meridian Solar Farm, Spalding** General view of survey area B2.	
3.	**Meridian Solar Farm, Spalding** General view of survey area B3.	

Photograph Number	Photograph Description	Photograph
4.	**Meridian Solar Farm, Spalding** General view of survey area C1.	
5.	**Meridian Solar Farm, Spalding** General view of survey area C2. No Access in some areas due to tall and dense Mustard Seed crops.	
6.	**Meridian Solar Farm, Spalding** No Access – Horses.	

Photograph Number	Photograph Description	Photograph
7.	**Meridian Solar Farm, Spalding** Soil Type 1 – Auger.	
8.	**Meridian Solar Farm, Spalding** Soil Type 1 – Subsoil Structure.	

Photograph Number	Photograph Description	Photograph
9.	**Meridian Solar Farm, Spalding** Soil Type 1 – Pit.	
10.	**Meridian Solar Farm, Spalding** Soil Type 2 – Auger.	

Photograph Number	Photograph Description	Photograph
11.	**Meridian Solar Farm, Spalding** Soil Type 2 – Subsoil Structure.	
12.	**Meridian Solar Farm, Spalding** Soil Type 2 – Pit.	

Appendix IV - Summary of Findings

Job Name:	Meridian Solar Farm
Job Number:	250609
Date:	03/12/2025
Completed By:	EH

Site Altitude:	2
Centre Grid Ref:	528616 313934

AAR	544.00
ATO	1446.68
FCD	93.00
MDMWHT	119.03
MDMPOT	114.78

Average Calculations

	Soil Type 1	Soil Type 2
AP WHT	178.00	145.00
MB WHT	58.97	25.97
AP POT	117	119
MB POT	2.22	4.22

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 affect crop yield, cultivation or harvesting.
Subgrade 3a (pre-1988 Grade 3)	Good quality agricultural land Capable of producing moderate to high yields of a narrow range of arable crops or moderate yields of a wider range of crops.
Subgrade 3b (pre-1988 Grade 3)	Moderate quality agricultural land Capable of producing moderate yields of a narrow range of arable crops and/or lower yields of a wider range of crops.
Grade 4	Poor quality agricultural land Severe limitations which significantly restrict the range of crops and/or levels of yield.
Grade 5	Very poor quality agricultural land Very severe limitations which restrict use to permanent pasture or rough grazing.

Best and Most Versatile (BMV) Agricultural Land

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

Non-BMV agriucltural 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

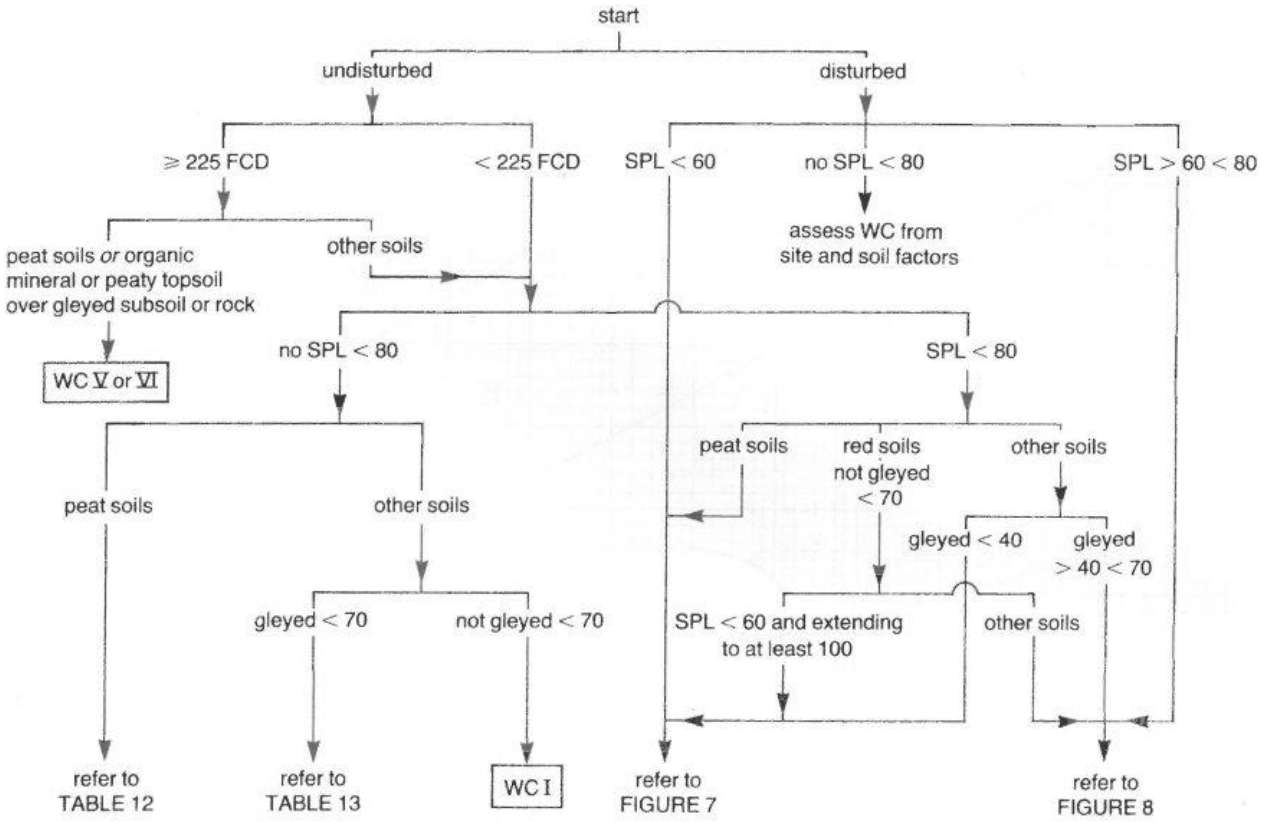


Figure 6. Flow diagram for assessing soil wetness class (WC) from field capacity days (FCD), depth to gleying (in cm) and depth to a slowly permeable layer (SPL, in cm)

Appendix VI - Laboratory Results

ANALYTICAL TEST REPORT

Report Number	25-10953, issue number 1
Contract name:	Meridian B&C 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:	14/11/2025
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
75699	BH 29	0.00 - 0.30				
75700	BH 92	0.00 - 0.42				
75701	BH 165	0.00 - 0.30				
75702	BH 212	0.00 - 0.27				
75703	BH 321	0.00 - 0.30				
75704	BH 327	0.00 - 0.40				
75705	BH B1.7	0.00 - 0.40				
75706	BH C.36	0.00 - 0.35				
75707	BH x.17	0.00 - 0.35				
75708	BH x.26	0.00 - 0.32				

SOILS

Lab Number					75699	75700	75701	75702	75703
Sample ID					BH 29	BH 92	BH 165	BH 212	BH 321
Depth (m)					0.00 - 0.30	0.00 - 0.42	0.00 - 0.30	0.00 - 0.27	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	%	41.3	58.9	37.9	32.9	35.2
% Sand	CE118	N	0.1	%	7.7	6.9	13.8	6.2	16.9
% Silt	CE118	N	0.1	%	51.0	34.2	48.4	60.9	47.9

SOILS

Lab Number					75704	75705	75706	75707	75708
Sample ID					BH 327	BH B1.7	BH C.36	BH x.17	BH x.26
Depth (m)					0.00 - 0.40	0.00 - 0.40	0.00 - 0.35	0.00 - 0.35	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	%	42.7	34.4	27.9	27.6	48.9
% Sand	CE118	N	0.1	%	5.3	19.0	30.0	30.0	5.1
% Silt	CE118	N	0.1	%	52.0	46.6	42.1	42.4	46.0

DECLARATION OF COMPLIANCE (BS3882:2015)

Lab ref	75699	**Date received**	07/11/2025
Contract name	Meridian B&C ALC	**Analysis started**	14/11/2025
Sample ID	BH 29	**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	51						
Sand content	% w/w	8						
Soil texture	**class**	**Silty Clay**	N	N	N	N	N	N

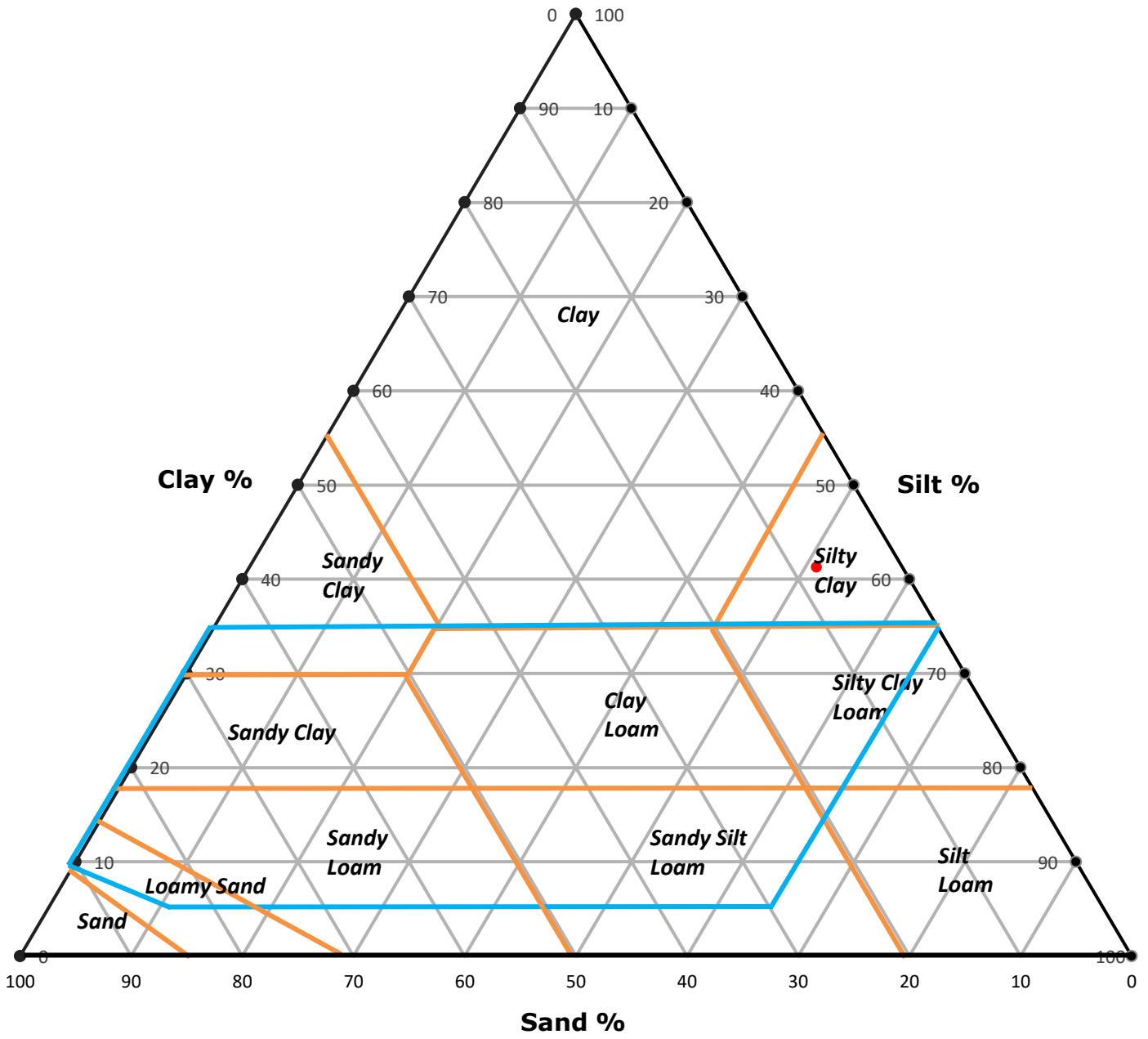
Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

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	75700	**Date received**	07/11/2025
Contract name	Meridian B&C ALC	**Analysis started**	14/11/2025
Sample ID	BH 92	**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	59						
Silt content	% w/w	34						
Sand content	% w/w	7						
Soil texture	**class**	**Clay**	N	N	N	N	N	N

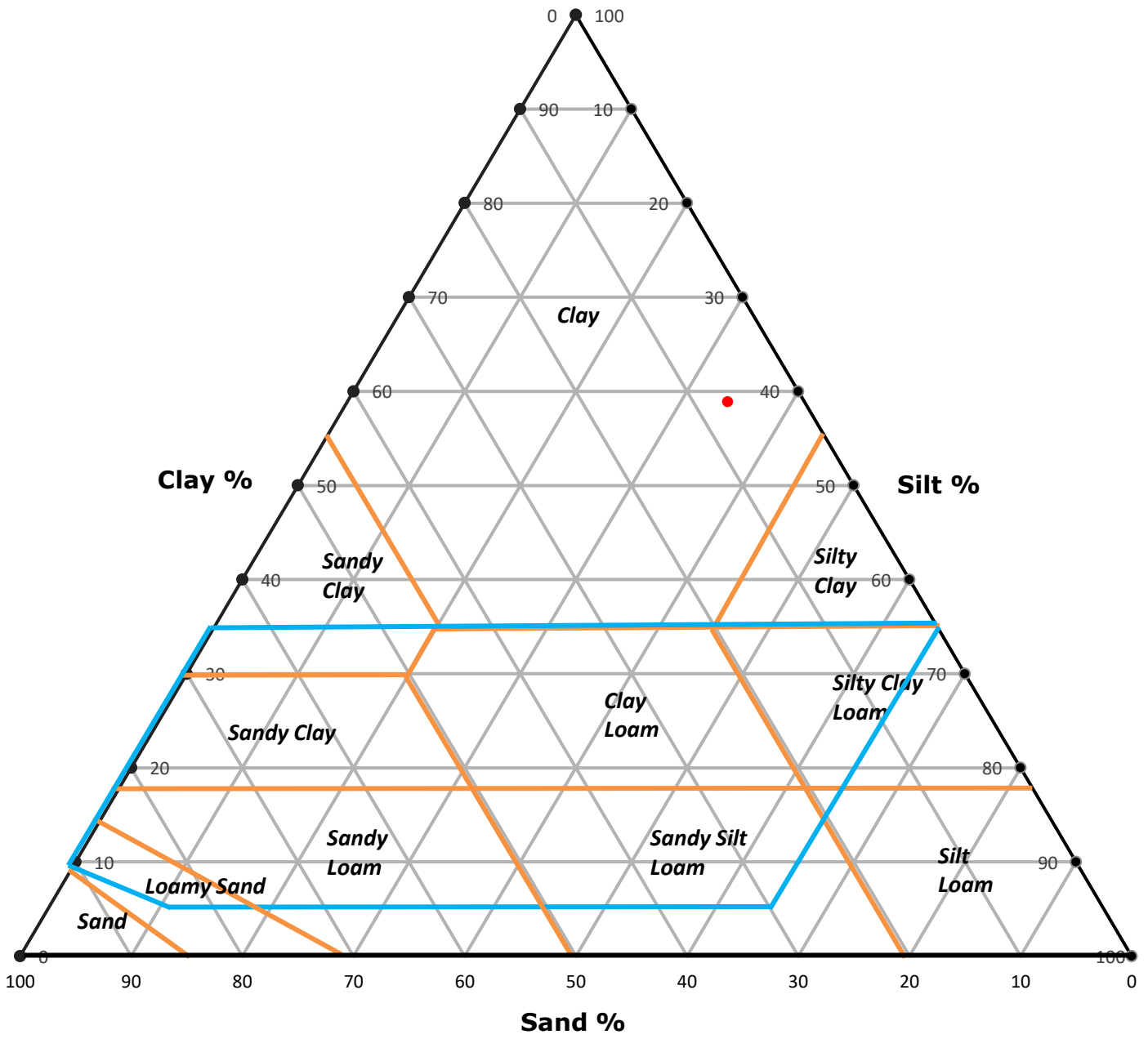
Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

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	75701	**Date received**	07/11/2025
Contract name	Meridian B&C ALC	**Analysis started**	14/11/2025
Sample ID	BH 165	**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	38						
Silt content	% w/w	48						
Sand content	% w/w	14						
Soil texture	**class**	**Silty Clay**	N	N	N	N	N	N

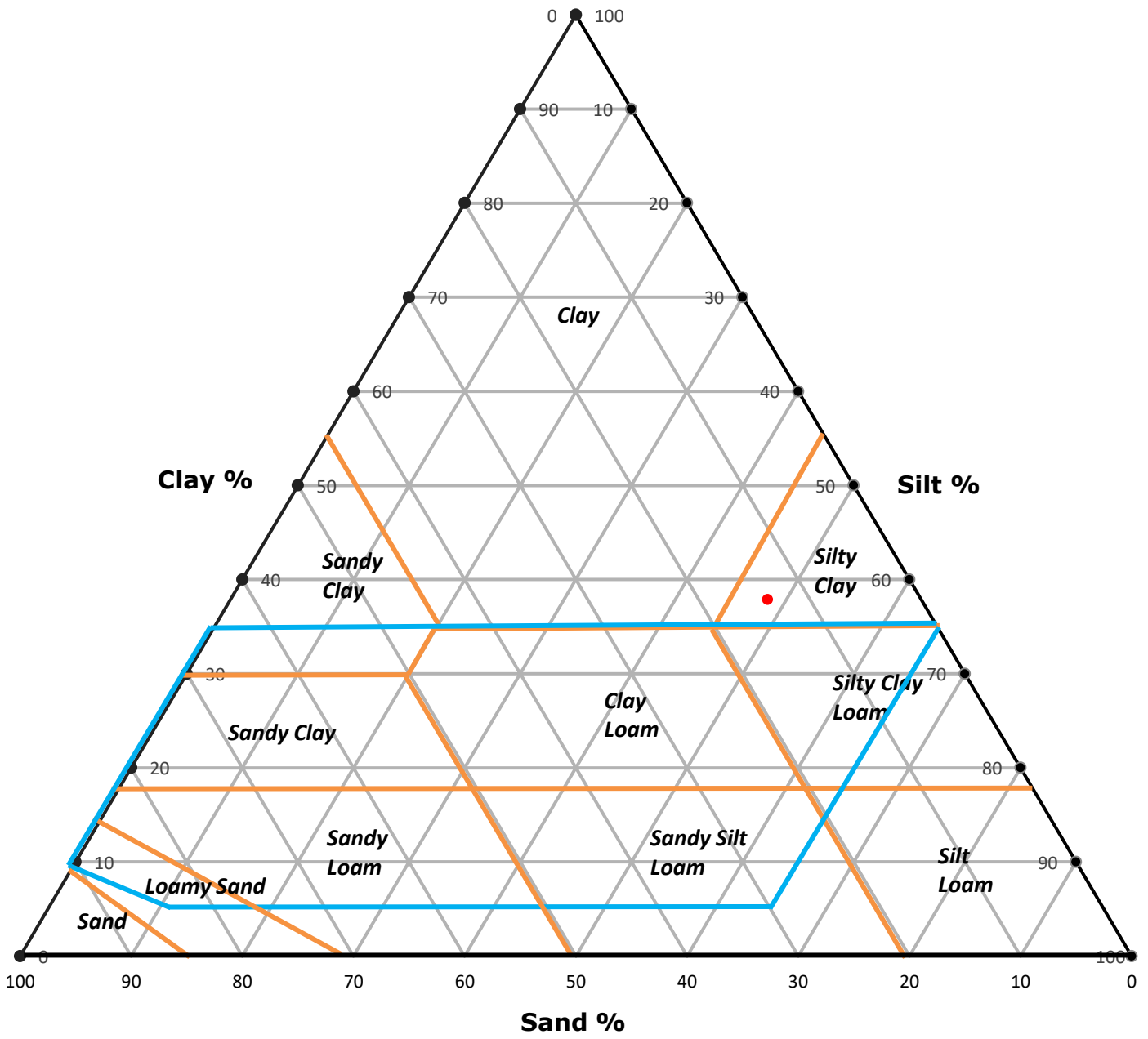
Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

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	75702	**Date received**	07/11/2025
Contract name	Meridian B&C ALC	**Analysis started**	14/11/2025
Sample ID	BH 212	**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	33						
Silt content	% w/w	61						
Sand content	% w/w	6						
Soil texture	**class**	**Silty Clay Loam**	Y	Y	Y	Y	Y	Y

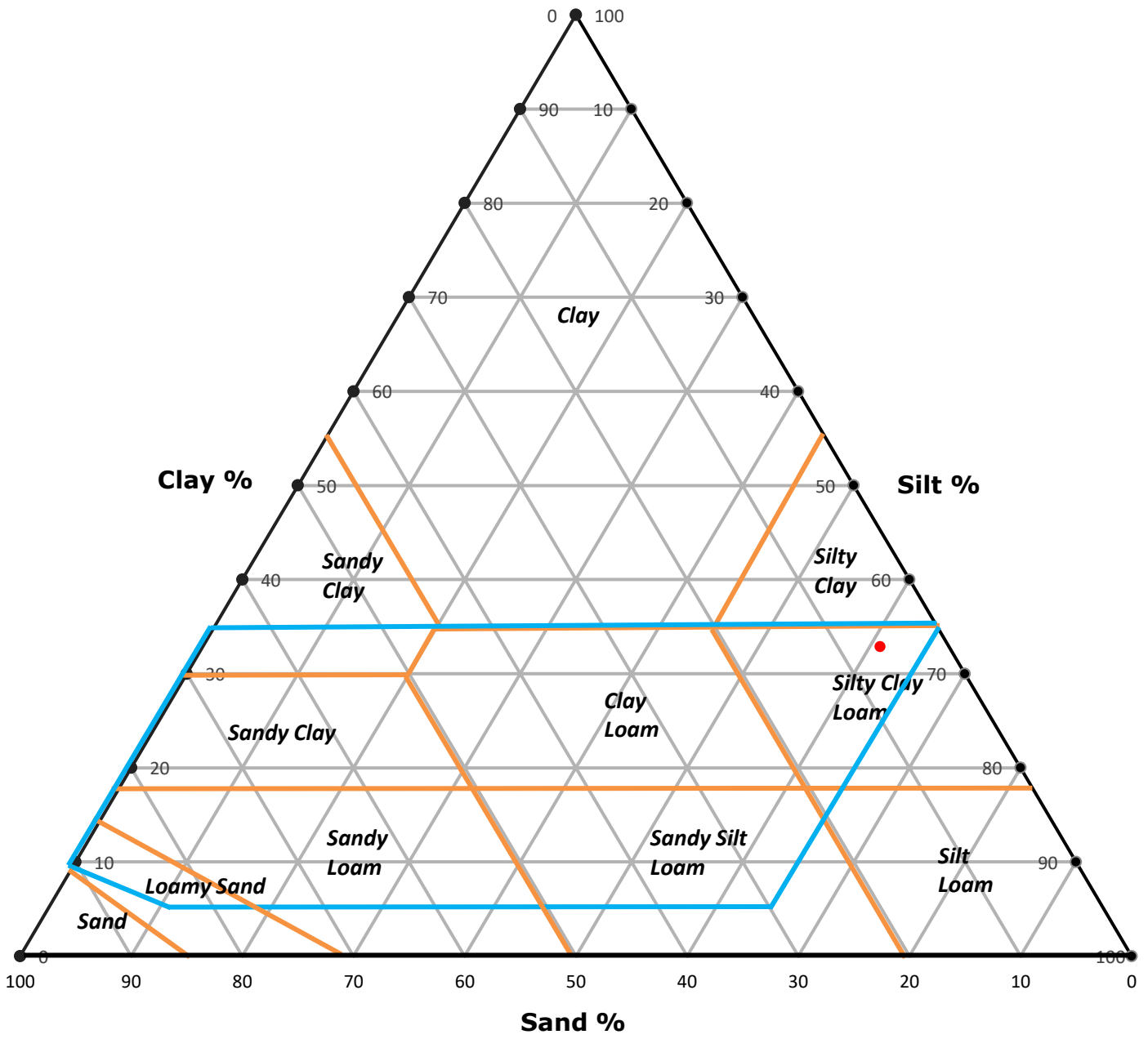
Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

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	75703	**Date received**	07/11/2025
Contract name	Meridian B&C ALC	**Analysis started**	14/11/2025
Sample ID	BH 321	**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	48						
Sand content	% w/w	17						
Soil texture	**class**	**Silty Clay**	N	N	N	N	N	N

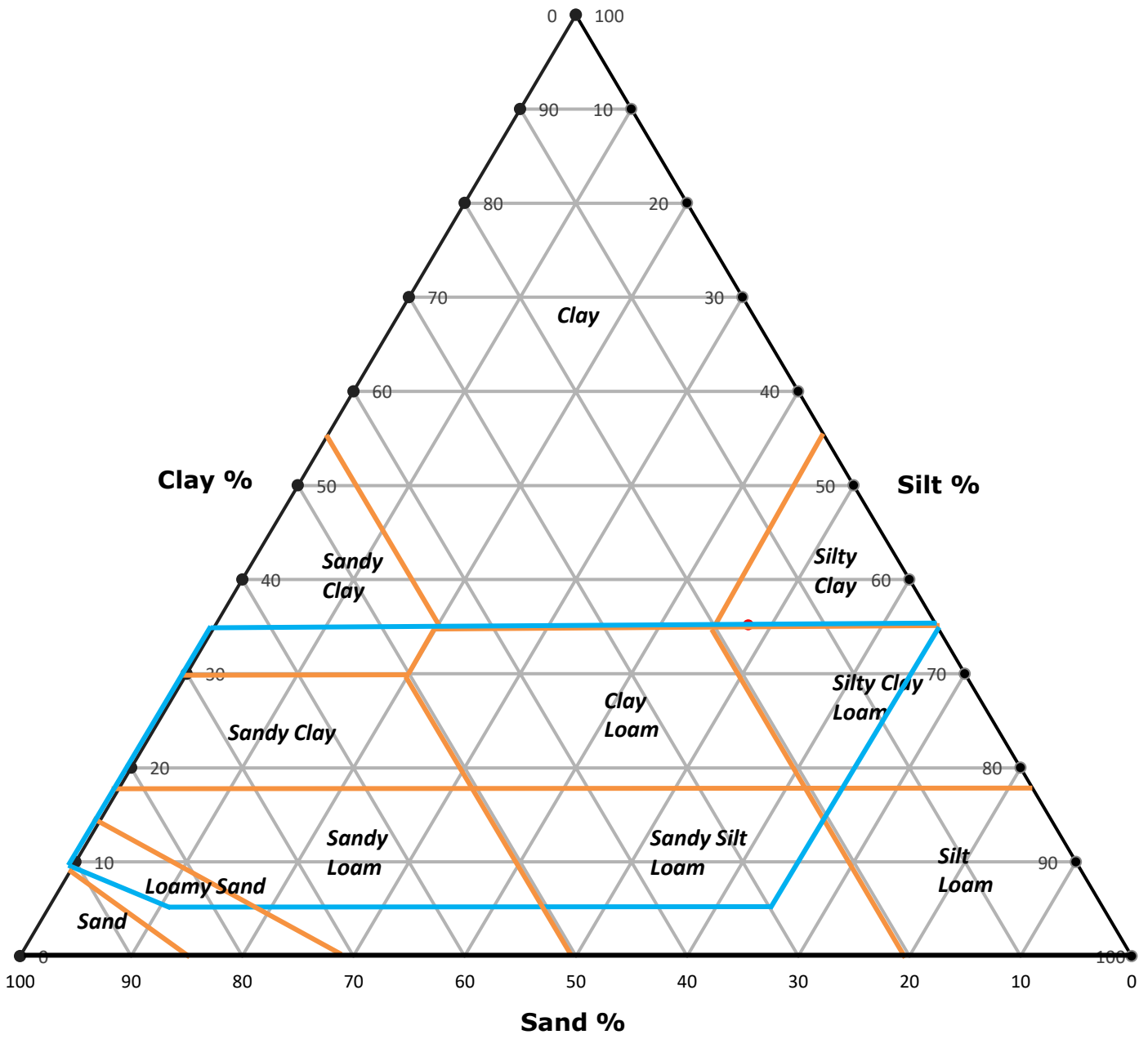
Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

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	75704	**Date received**	07/11/2025
Contract name	Meridian B&C ALC	**Analysis started**	14/11/2025
Sample ID	BH 327	**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

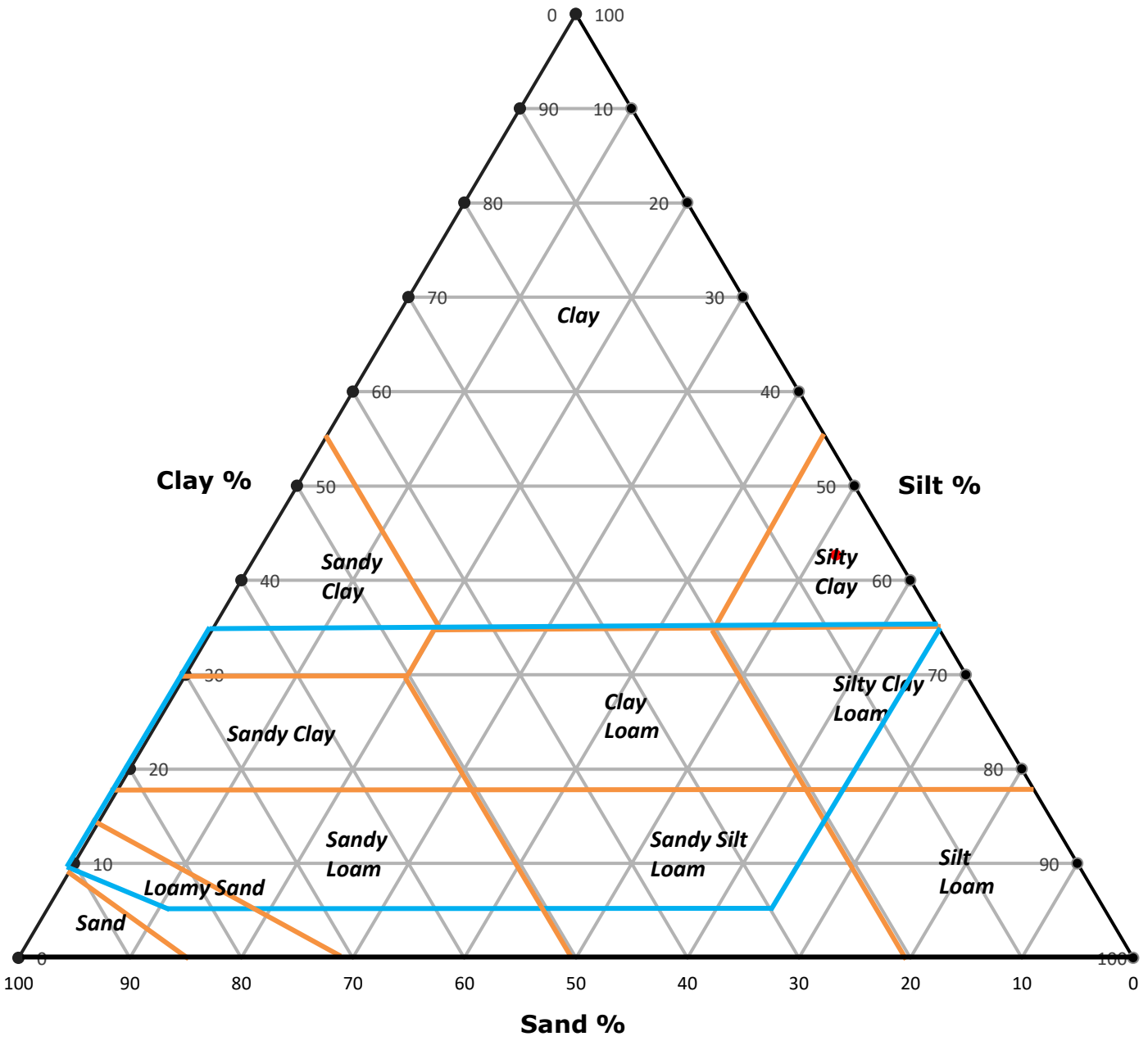
Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

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	75705	**Date received**	07/11/2025
Contract name	Meridian B&C ALC	**Analysis started**	14/11/2025
Sample ID	BH B1.7	**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	34						
Silt content	% w/w	47						
Sand content	% w/w	19						
Soil texture	**class**	**Silty Clay Loam**	Y	Y	Y	Y	Y	Y

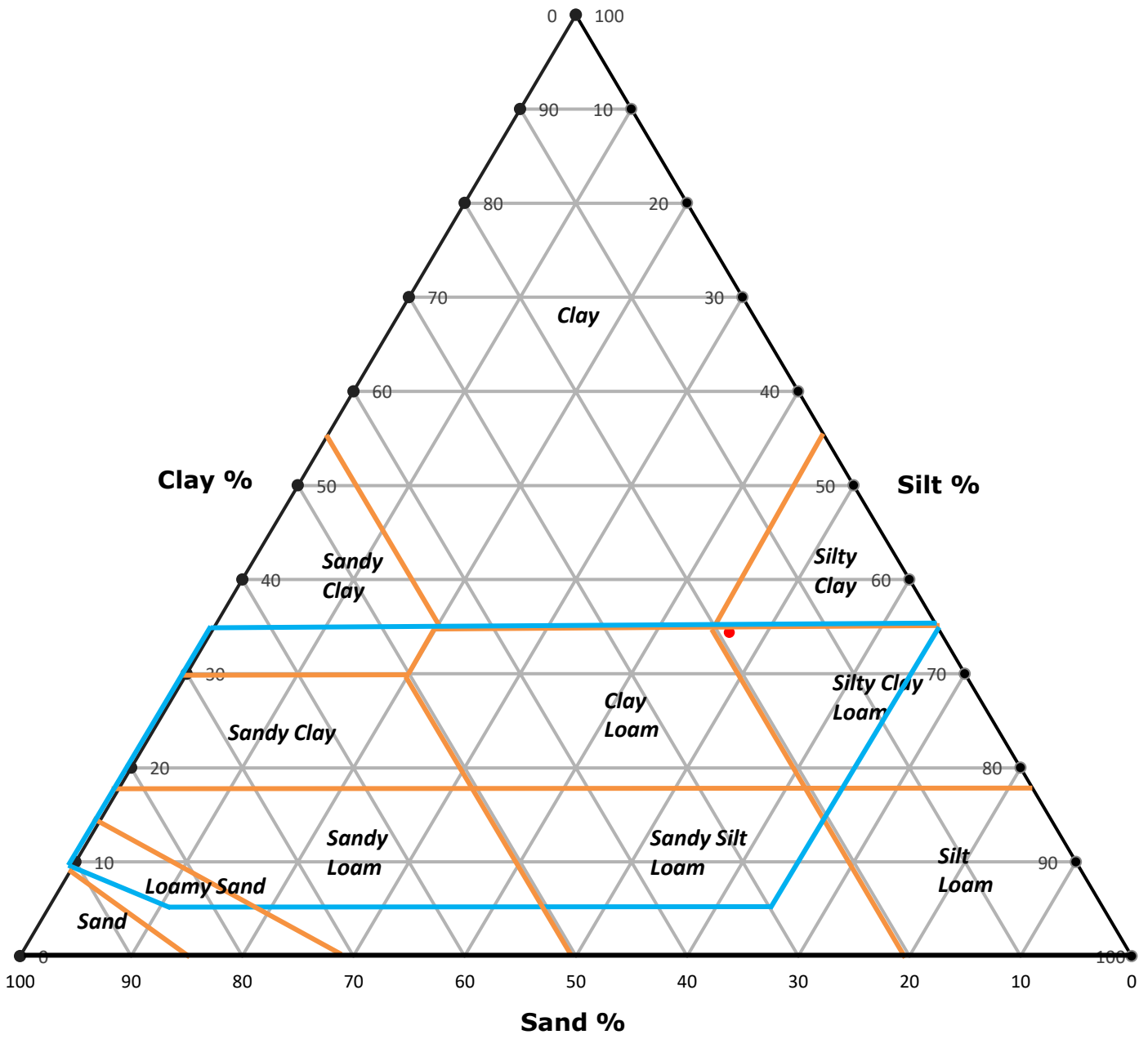
Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

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	75706	**Date received**	07/11/2025
Contract name	Meridian B&C ALC	**Analysis started**	14/11/2025
Sample ID	BH C.36	**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	28						
Silt content	% w/w	42						
Sand content	% w/w	30						
Soil texture	**class**	**Clay Loam**	Y	Y	Y	Y	Y	Y

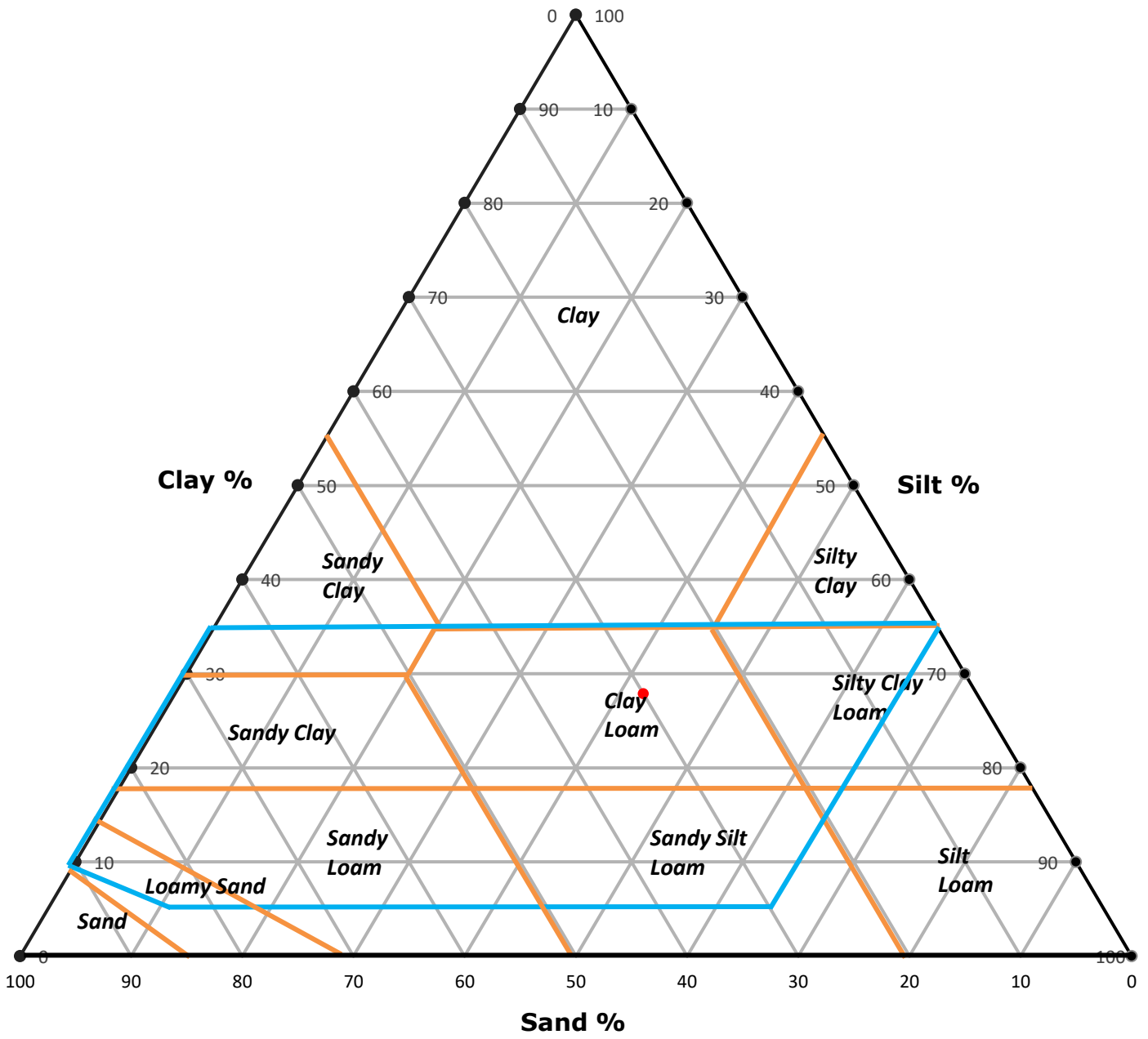
Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

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	75707	**Date received**	07/11/2025
Contract name	Meridian B&C ALC	**Analysis started**	14/11/2025
Sample ID	BH x.17	**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	28						
Silt content	% w/w	42						
Sand content	% w/w	30						
Soil texture	**class**	**Clay Loam**	Y	Y	Y	Y	Y	Y

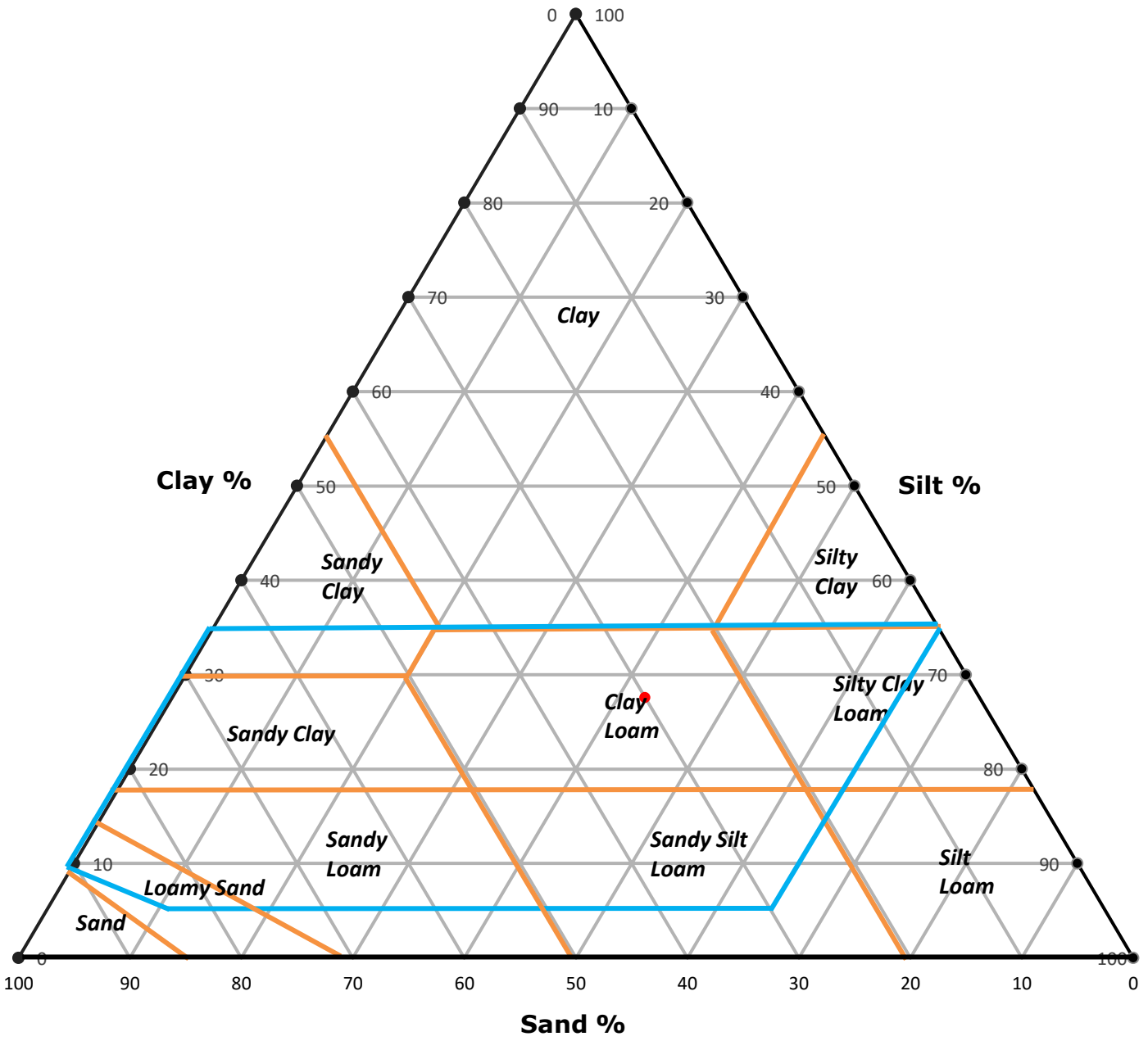
Stone content								
>2mm	% w/w	-	-	-	-	-	-	-
>20mm	% w/w	-	-	-	-	-	-	-
>50mm	% w/w	-	-	-	-	-	-	-

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	75708	**Date received**	07/11/2025
Contract name	Meridian B&C ALC	**Analysis started**	14/11/2025
Sample ID	BH x.26	**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	49						
Silt content	% w/w	46						
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	-	-	-	-	-	-	-

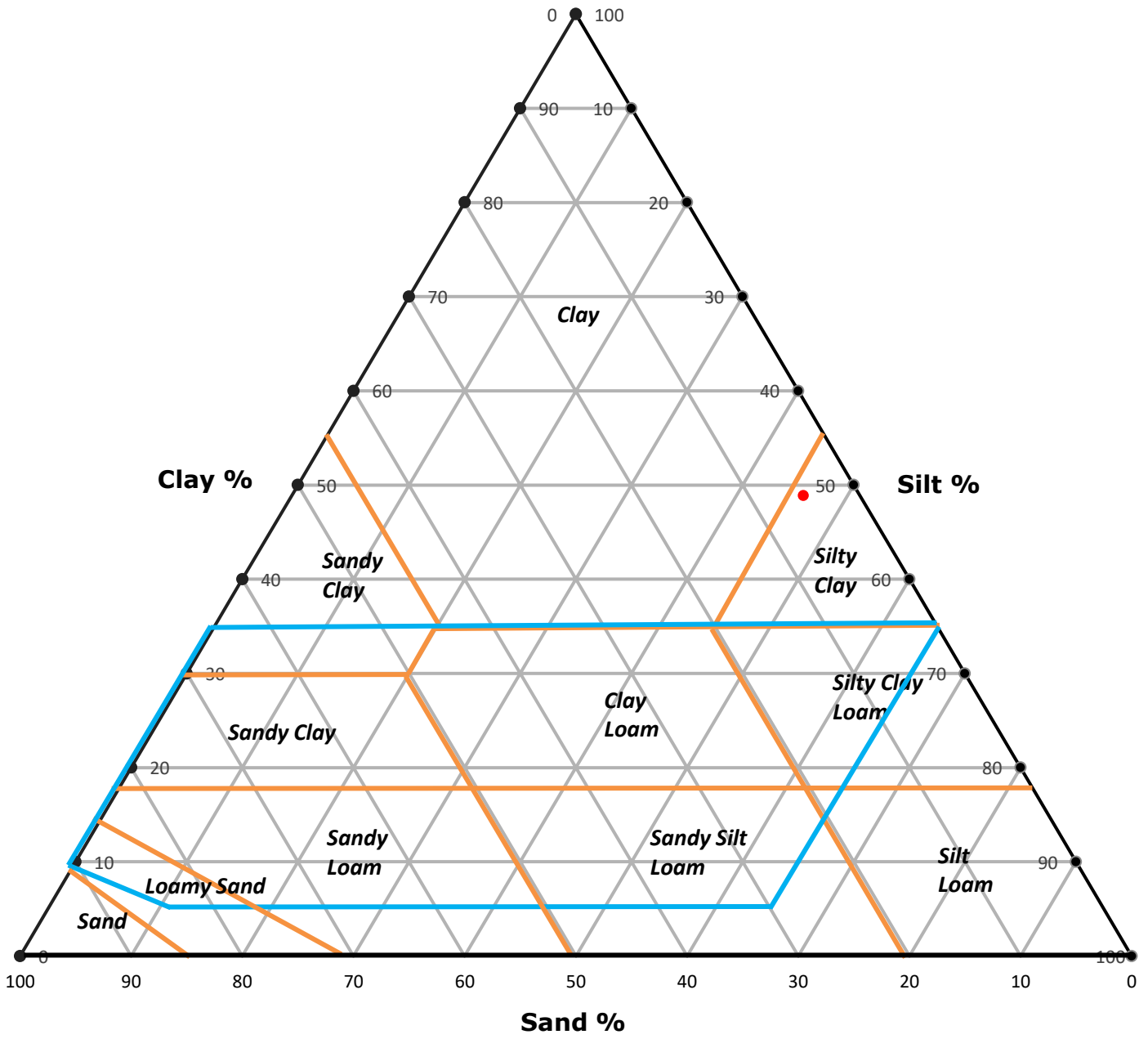
Mass loss on ignition								
Clay 5-20%	% w/w	-	-	-	-	-	-	-
Clay 20-35%	% w/w	-	-	-	-	-	-	-
pH[1]	pH units	-	-	-	-	-	-	-
Carbonate (calcareous only)	% w/w $CaCO_3$	-	-	-	-	-	-	-
Nitrogen (total)	% w/w N	-	-	-	-	-	-	-
Carbon:Nitrogen ratio	-	-	-	-	-	-	-	-
Phosphorus (extractable)	mg/l P	-	-	-	-	-	-	-
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

DECLARATION OF COMPLIANCE
(BS3882:2015)



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REPORT INFORMATION

Report No.:25-10953, 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