Springwell Solar Farm

Environmental Statement
Appendix 11.1a: Springwell West Agricultural Land Classification Report

APFP Regulation 5(2)(a)

Planning Act 2008

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

EN010149/APP/6.3
November 2024
Springwell Energyfarm Ltd

Table of Contents

1. Introduction

1.1. Background

1.1.1. Springwell Solar Farm ('the Proposed Development') is a proposed new solar energy farm, co-located with battery storage. The proposals include grid infrastructure to connect the Solar Farm to the national electricity transmission system and any necessary environmental mitigation. The Proposed Development has secured a grid connection agreement allowing export or import of up to 2 phases of 400MW each of electricity to and from the national electricity transmission system. This qualifies the project as a Nationally Significant Infrastructure Project (NSIP) and requires a Development Consent Order to provide consent to build.

1.1.2. ADAS have been instructed by EDF Renewables to undertake an Agricultural Land Classification survey. The total area surveyed covers over 1,700 hectares of land and is split into three sections (West, Central and East). This report provides information on the soils and agricultural quality of the land in the Western section which covers 933 hectares. The report is based on a survey of the land undertaken in Winter 2022, Spring 2023, Spring 2024 and Autumn 2024.

1.2. Site Environment

1.2.1. The survey spans 55 agricultural fields between the villages of Temple Bruer to the west and Ashby de la Launde to the east, located in Lincolnshire. The land is level to gently undulating in the fields to the east of the A17, and gently to moderately undulating in the fields to the west of the A17. The elevation across the site ranges from approximately 20-50 m AOD. The land is bordered mostly by adjoining agricultural land, with some farm tracks. The A17 runs north to south through the middle of the section. There are limestone quarries close to both the north and south of the section.

1.3. Agricultural Use

1.3.1. At the time of survey, the land was growing winter cereals, legumes, and grass for chlorophyll production.

1.4. Published Information

Geology

1.4.1. 1:50,000 scale BGS information records no superficial geology in this section[1].

1.4.2. The bedrock geology of the majority of this section is recorded as Inferior Oolite Formation[1]. A small area in the south east of the section is mapped as Great Oolite Formation. Both the Great and the Inferior Oolites are Jurassic limestone formations, with the Inferior Oolite being the older of the two formations.

Soils

1.4.3. The National Soils Map, published at 1:250,000 scale, records the fields in the Western section as mainly belonging to the Marcham soil association[2]. The fields to the south east that overlie Great Oolite Formation bedrock are mapped as Aswarby association. A small area in the north east of the site is mapped as Elmton 1 association.

1.4.4. The Marcham soil association is described as soils with well-drained and permeable calcareous fine and coarse loamy soils that are shallow over limestone. Marcham soils are well drained and readily accept winter rainfall with little surface run-off.

1.4.5. Aswarby soil association is described as an association of calcareous, well drained, occasionally waterlogged soils which are comprised of Jurassic limestone and clay. Some soils are affected by groundwater. It should also be noted that some Aswarby soils have hard, only weakly fissured, limestone rock at shallow depth which is a barrier to root penetration.

1.4.6. The Elmton 1 soil association are calcareous fine loamy soils over limestone. On this site Elmton 1 soils occur in the three most northern fields.

[1] British Geological Survey, 2023. *Geology of Britain viewer*. Online resource: http://www.bgs.ac.uk/discoveringGeology/geologyOfBritain/viewer.html

[2] Hodge C.A.H. et al.; 1984. *Soils and their use in Eastern England*. Soil Survey of England and Wales; Harpenden.

Previous Agricultural Land Classification

1.4.7. No detailed post-1988 Agricultural Land Classification is publicly available for this site. An Agricultural Land Classification survey was carried out in a field adjacent to the field W1 located in the south west of the site. The survey recorded the land as mostly Subgrade 3a quality with a small area of Subgrade 3b quality land and a small area Grade 2 quality land.

1.4.8. The provisional ALC map, published at 1:250,000 scale, records roughly half of the site as Grade 3 quality land, with areas of Grade 2 quality land in the north and south of the section[3].

Flood risk

1.4.9. An area in the east of the site that covers the fields Bcd110, Bcd111a, Bcd111b and Bcd120 is at medium risk of flooding from the river (see Figure 1). In addition, there is a risk of surface water flooding in small linear areas running across the site in the north and south of the site as show in Figure 2 below.

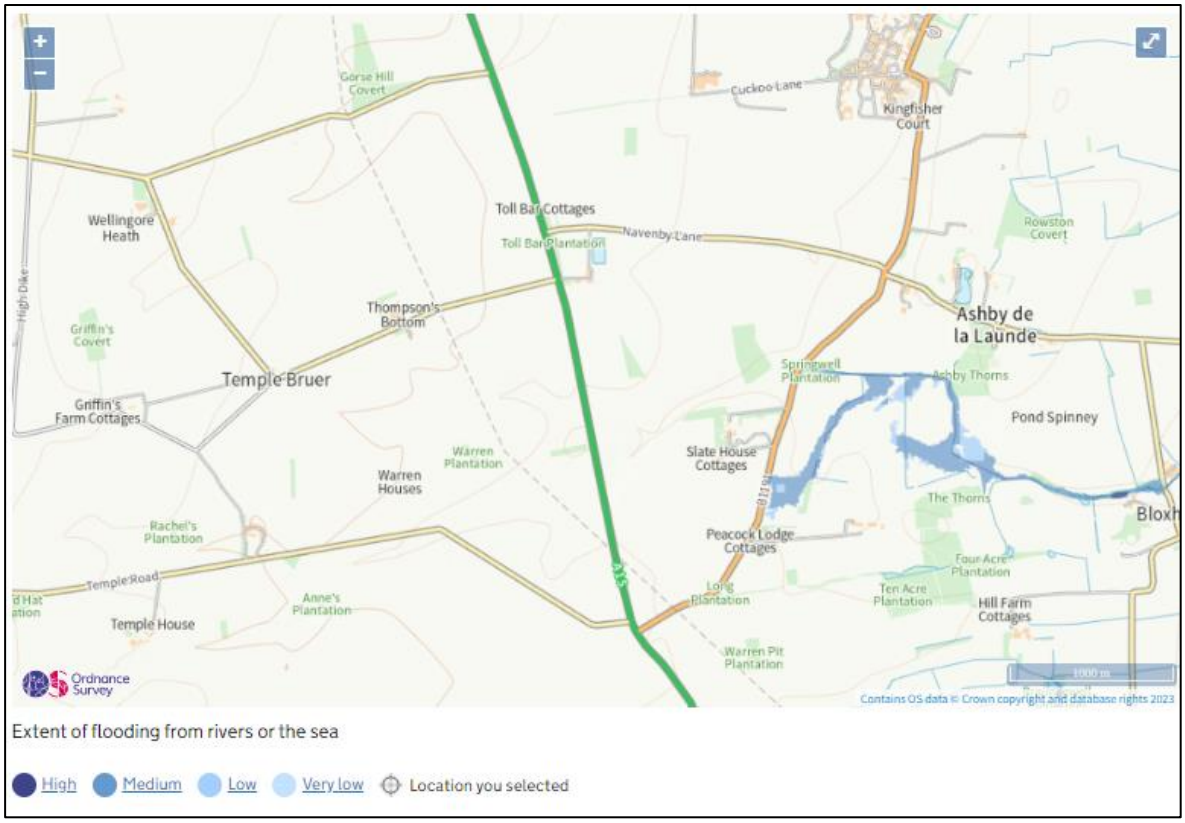


Figure 1 Flood risk map from rivers

[3] Defra, 2023. *Interactive map of Great Britain*. Online resource: https://magic.defra.gov.uk/MagicMap.aspx

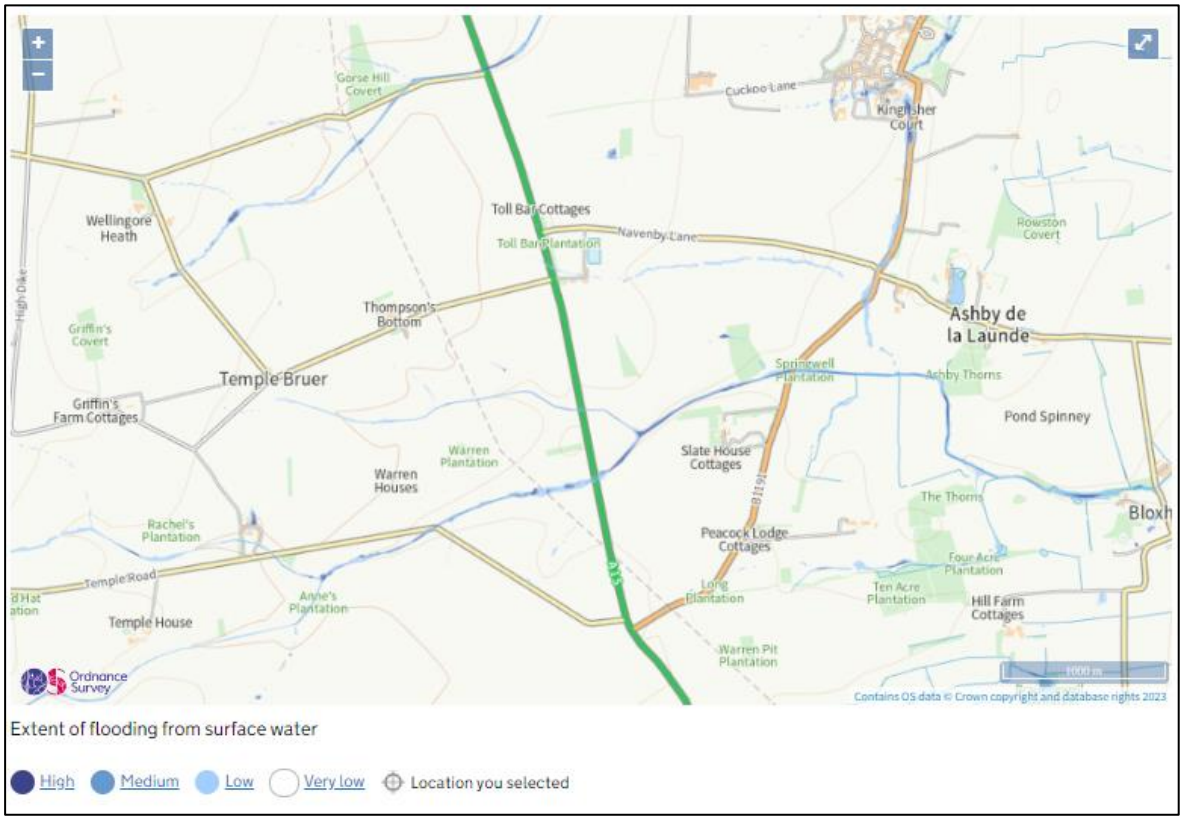


Figure 2 Flood risk map from surface water

2. Methodology

2.1.1. An initial soil survey was carried out in November 2022. The survey was based on observations at intersects of a 200 m grid, giving a sampling density of one observation per four hectares. Later, during Spring 2023, further observations were conducted at 100m spacing, giving a final sample density of one per hectare. Additional areas were surveyed in Spring and Autumn 2024. During the survey, soils were examined via a combination of auger borings and soil description pits to a maximum depth of 1.2 m. A number of 'mini pits' were also dug *ad hoc* to confirm soil properties and stone content. A log of the details of each observation point is attached to this report as Appendix A. A map showing the location of each observation point is attached to this report as Appendix B.

2.1.2. Samples were taken from the soil description pits and submitted to NRM Laboratories for particle size distribution analysis by the pipette method to confirm soil textures. The results of the analyses are given in Appendix D.

3. Soils

3.1. Introduction

3.1.1. There are two principal soil types in this section; freely draining sandy soils over shattered limestone and imperfectly draining clayey soils, as described below;

The moisture balance (MB) for wheat (MBW) and for potatoes (MBP) is given for each pit and is calculated using the moisture deficit (MD) values for wheat (MDW) and for potatoes (MDP).

3.2. Freely draining calcareous shallow sandy soils over shattered limestone

3.2.1. These soils are the most commonly found soil type and occur across the majority of the site where the bedrock is mapped as Inferior Oolite formation. The soils are slightly to moderately stony sandy loams to sandy clay loams to a varied depth ranging from 25cm to occasionally the full auger depth of 120cm, but most commonly between 30cm to 40cm, over soft, shattered limestone. The limestone found in these soils, particularly at the base of the pits and bottom of the auger borings, is softer limestone that often readily crumbles in the hand. When examined by an auger boring it was often possible to auger into the limestone for a few centimetres and pull up coarse fragments of the limestone. The soils are permeable and freely draining, and belong to wetness class I. These soils are limited by droughtiness. In the droughtiness calculations a profile extension of 30cm with 45% stone content was used, representative of what was observed in the pit compared to where the soil becomes impenetrable to the auger. Several examples are shown in the pit descriptions below:

Table 1 Location: Springwell West – Field Tb04 Profile Pit (02804, 53337)

Depth (cm)	Details
0 – 40	Dark brown (7.5YR3/3) medium sandy loam; very slightly stony (5%) greater than 2cm; weakly developed medium angular blocky structure; friable; abundant fine fibrous roots; greater 0.5% biopores greater than 0.5mm diameter, wavy clear border to:
40 – 50	Yellowish brown (7.5YR5/6) medium sandy loam; 45% stones – subangular; common fine fibrous roots; loose structure. Stopped on rock at 50cm,
50 – 60	Augered a further 10cm into soft, crumbly limestone.

Wetness Class I, Wetness Grade 1.

MDW 114, MBW = -37.5mm. MDP 108, MBP = -31.5mm. Droughtiness Grade 3b.

ALC Grade = 3b, limited by droughtiness

Table 2 Location: Springwell West – Field Tb04 Profile Pit (02597, 53586)

Depth (cm)	Details
0 – 35	Dark brown (7.5YR3/3) medium sandy loam; slightly stony (10%) – subangular: 2-6cm 2%; weakly developed medium angular blocky structure/almost granular; very friable; abundant fine fibrous roots; greater 0.5% biopores greater than 0.5mm diameter, irregular clear boundary to:
35 – 65	Yellowish red (5RY4/6) medium sandy loam; slightly stony (10%); weakly developed medium angular blocky structure; very friable; 1% biopores greater than 0.5mm, indistinct boundary to:
65 – 85	Reddish yellow (7.5YR5/6) loamy medium sand; moderately stony (20%) – subangular limestones: 8% >2cm, 2% >6cm; weakly developed medium fine angular blocky structure; very friable; 1% biopores greater than 0.5mm

Wetness Class I, Wetness Grade 1.

MDW 114, MBW = -5.0mm. MDP 108, MBP = -1.8mm. Droughtiness Grade 3a.

ALC Grade = 3a, limited by droughtiness

Table 3 Location: Springwell West – Field BCD078 Profile Pit (504071,356233)

Depth (cm)	Details
0 – 30	Brown (7.5YR 4/3) medium sandy loam; calcareous; dry; slightly stony (8%) medium angular limestone; firm; weakly developed granular structure; many fine & very fine fibrous roots; indistinct boundary to:
30 – 37	Brown (7.5YR 4/4) medium sandy loam; calcareous; dry; moderately stony (15%) medium angular limestone; very firm; weakly developed granular structure; common fine fibrous roots; no mottles; greater than 0.5% biopores greater than 0.5mm. Stopped on shattered limestone at 37cm.

Wetness Class I, Wetness Grade 1.

MDW 115, MBW = -56.6mm. MDP 108, MBP = -49.6mm. Droughtiness Grade 4 – without profile extensions for droughtiness calculations to allow for the water available within and transported by the limestone bedrock. With 30cm extension with 45% limestone MBW = -27.6mm and MBP = -16.1. Droughtiness Grade 3b

ALC Grade = 3b, limited by droughtiness

Table 4 Location: Springwell West – Field BCD031 Profile Pit (501531,357761)

Depth (cm)	Details
0 – 38	Dark yellowish brown (10YR 4/4) sandy clay loam; very slightly calcareous; moist; slightly stony (15%) medium to large angular limestone; friable; moderately developed medium granular structure; few very fine fibrous roots; abrupt wavy boundary to:
38 – 55	Yellowish brown (10YR 5/4) sandy clay loam; very calcareous; slightly moist; moderately stony (30%) large angular limestone; very friable; moderately developed medium subangular blocky structure; few fine fibrous roots; no mottles; greater than 0.5% biopores greater than 0.5mm. Increasing stone content with depth, stopped on limestone

Wetness Class I, Wetness Grade 1.

MDW 108, MBW = -28.1mm. MDP 100, MBP = -18.2mm. Droughtiness Grade 3b – without profile extensions for droughtiness calculations to allow for the water available within and transported by the limestone bedrock. With 30cm extension with 45% limestone MBW = -0.9mm and MBP = 0.2mm. Droughtiness Grade 3a

ALC Grade = 3a, limited by droughtiness

Table 5 Location: Springwell West – Field BCD045 Profile Pit (501987,356619)

Depth (cm)	Details
0 – 35	Dark brown (7.5YR 3/4) medium sandy loam; very calcareous; slightly moist; slightly stony (15%) medium angular limestone; friable; moderately developed fine granular structure; common very fine fibrous roots; clear wavy boundary to:
35 – 55	Strong brown (7.5YR 4/6) medium sandy loam; very calcareous; slightly moist; very stony (50%) medium to large angular limestone; friable; moderately developed fine granular structure; common very fine fibrous roots; no mottles; greater than 0.5% biopores greater than 0.5mm. Stopped on limestone.

Wetness Class I, Wetness Grade 1.

MDW 109, MBW = -36.6mm. MDP 100, MBP = -26.3mm. Droughtiness Grade 3b – without profile extensions for droughtiness calculations to allow for the water available within and transported by the limestone bedrock. With 30cm extension with 45% limestone MBW = -11.1mm and MBP = -9.6mm. Droughtiness Grade 3a

ALC Grade = 3a, limited by droughtiness

3.3. Moderately to imperfectly draining calcareous clayey soils

3.3.1. These soils occur in two areas in the east of the section and are formed over the areas where the bedrock is mapped as the Great Oolite Formation, and the soils are mapped as Aswarby association. The soils generally have heavy (clay, silty clay, heavy clay loam and heavy silty clay loam) textured calcareous topsoil, or occasionally medium clay loam topsoils, which lie over clay, heavy clay loam or medium clay loam subsoils. These soils are either moderately freely draining and belong to wetness class II where gleying and a slowly permeable layer occurs between 40 cm and 70 cm, or imperfectly draining and belong to wetness class III, where gleying occurs within 40cm and a slowly permeable layer is present within 60cm. The calcareous nature of the topsoil improves the permeability of clayey soils, which raises the wetness grade relating to the wetness class. An example is shown in the pit description below:

Table 6 Location: Springwell West - Field BCD140 Profile Pit (504558,353238)

Depth (cm)	Details
0 – 29	Brown (10YR 4/3) clay; calcareous; dry; slightly stony (10%) medium angular limestone with 8% >2cm and 3% > 6cm; very firm; moderately developed medium sub angular blocky structure; common fine & very fine fibrous roots; indistinct boundary to:
29 – 66	Greyish brown (10YR 5/2) and grey (10YR 5/1) clay; calcareous; slightly stony (10%) medium angular limestone fragments, increasing in size with depth; very firm; moderately developed coarse subangular blocky structure; few fine and very fine fibrous roots; common bright ochreous mottles; greater than 0.5% biopores greater than 0.5mm. Clear, smooth boundary to::
66 – 120+	Grey (2.5Y 5/1) clay; calcareous; slightly stony (5%) small angular limestone fragments; firm; massive structure; no roots; many bright ochreous mottles; less than 0.5% biopores greater than 0.5mm.

Wetness Class II, Wetness Grade 2

MDW 115, MBW = 10.3mm. MDP 109, MBP = -3.7mm. Droughtiness Grade 2.

ALC Grade = 2, limited by wetness and droughtiness

4. Agricultural Land Classification

4.1. Introduction

4.1.1. The Agricultural Land Classification (ALC) system provides a framework for classifying land according to the extent to which its physical or chemical characteristics impose long-term limitations on agricultural use for food production. 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 crop yield, the consistency of crop yield, and the cost of obtaining a crop. The classification system gives considerable weight to flexibility of cropping, whether actual or potential, however the ability of some land to produce consistently high yields of a narrower range of crops is also considered.

4.1.2. The Agricultural Land Classification (ALC) system classifies land into five grades numbered 1 to 5, with grade 3 divided into two subgrades (3a and 3b). The system was devised and introduced by the then Ministry of Agriculture, Fisheries and Food (MAFF) in the 1960s and revised in 1988.

4.2. Climate

4.2.1. The agricultural climate is an important factor in assessing the agricultural quality of land, and the agricultural climate of this site has been calculated using the Climatological Data for Agricultural Land Classification[4]. The relevant site data for an average elevation of 35 m AOD is given below:

Table 7 Agro-climatic variables

Grid Reference Location (Bcd107)	TF031544	
Average Annual Rainfall (AAR)	4.2.2.	596 mm
January-June Accumulated Temperature (AT0)	4.2.3.	1396 days °C
Field Capacity Days (FCD)	4.2.4.	121
Field Capacity Period	4.2.5.	early Dec - late Mar

[4] Meteorological Office, (1989). *Climatological Data for Agricultural Land Classification*.

Grid Reference Location (Bcd107)	TF031544
Moisture Deficit Wheat (MDW)	112
Moisture Deficit Potatoes (MWP)	104
Climate (upper grade limit)	1

The site is located in Eastern England and there is no agro-climatic limitation to agriculture.

A table containing the field capacity days and the moisture deficit values for each field are attached to this report at Appendix E

4.3. Results

4.3.1. The results of the soil survey described in section 3 were used in conjunction with the agroclimatic data above to classify the land according to the revised guidelines for Agricultural Land Classification issued in 1988 by the Ministry of Agriculture, Fisheries and Food (now Defra)[5].

4.3.2. This report has identified agricultural land of grade 2, subgrade 3a and subgrade 3b quality. The limitations to agricultural use of the land are soil droughtiness and less commonly soil wetness. Where the soils are shallow over limestone, droughtiness is the limiting factor. Where the soils are deep and clayey, it is often soil wetness that is the limiting factor.

Grade 1

4.3.3. No land of this quality has been mapped

Grade 2

4.3.4. There are 60.4 ha of grade 2 quality land at this site. This land occurs in fields Bcd036, Bcd088, Bcd082 and Bcd079 in the north of the site where the freely draining sandy soils are slightly deeper (c.75cm+) and therefore limited less by droughtiness than where the soils are shallow over limestone. This quality land also occurs in the east of the section in fields Bcd111b, Bcd140, Bcd141 and E1a where the soils are calcareous, clayey and moderately freely draining, belonging to either wetness class II, or wetness class III with sandy clay loam or medium clay loam topsoils. These

[5] MAFF, (1988). *Agricultural Land Classification for England and Wales: Revised Guidelines and Criteria for Grading the Quality of Agricultural Land*.

soils are limited by soil wetness or equally limited by soil wetness and soil droughtiness.

Subgrade 3a

4.3.5. There are 377.5 ha of subgrade 3a quality land at this site. This land occurs across the whole site but most often to the north and the east of the section. This land is mostly comprised of moderately shallow (c.50-85cm) freely draining sandy soils over shattered limestone that belong to wetness class I and are limited by soil droughtiness. The areas of subgrade 3a quality land in the east of the section are mostly comprised of soils that are moderately freely draining (wetness class II) to imperfectly draining (wetness class III) calcareous clayey soils. Wetness is the limitation to most of these soils.

Subgrade 3b

4.3.6. There are 494.7 ha of subgrade 3b quality land at this site. This land occurs across the whole site and is dominant in the central and south west/south of the section. This land is formed on freely draining (wetness class I) sandy soils with limited profile depths (total depth c30-50cm) over shattered limestone bedrock. These soils are limited by droughtiness.

Grade 4

4.3.7. No land of this quality has been mapped

Grade 5

4.3.8. No land of this quality has been mapped

Non-agricultural

4.3.9. No land of this quality has been mapped

Urban

4.3.10. No land of this quality has been mapped

4.4. Summary of grade areas

4.4.1. The boundaries between the different grades of land are shown on a map in Appendix C.

4.4.2. The area occupied by each grade is shown below.

Table 8 Grade areas (surveyed area of Springwell West)

Grade / Subgrade	Area (ha)	Area (%)
Grade 1	-	-
Grade 2	60.4	6.5
Subgrade 3a	377.5	40.5
Subgrade 3b	494.7	53.0
Grade 4	-	-
Grade 5	-	-
Non-agricultural	-	-
Urban	-	-
Total	**932.6**	**100**

Appendix 1- Auger Boring Log

Application Document Ref: EN010149/APP/6.3
Planning Inspectorate Scheme Ref: EN010149

Key to Auger Log

Colour	Texture	Texture suffixes	Mottle intensity	Limitations
Bk - black Br - brown Bu - blue Dk - dark Du - dusky Gn - green Gr - grey Li - light Ol - olive Pi - pink Pl - pale Rd - red St - strong V - very Wk - weak Yl - yellow	C - clay ZC - silty clay SC - sandy clay CL - clay loam (H-heavy, M-medium) ZCL - silty clay loam (H-heavy, M-medium) SCL - sandy clay loam SZL - sandy silt loam (F-fine, M-medium, C-coarse) ZL - silt loam SL - sandy loam (F-fine, M-medium, C-coarse) LS - loamy sand (F-fine, M-medium, C-coarse) S - sand (F-fine, M-medium, C-coarse) Org - organic (S-sand, L-loam, C-clay) Pty - peaty (S-sand, L-loam) Pt - peat (S-sandy, L-loamy, H-humified, SF-semi-fibrous, F-fibrous) R - bedrock	Calcareous: v sl ca - very slightly calcareous sl ca - slightly calcareous ca - calcareous v ca - calcareous Stoniness (by volume): v sl st - very slightly stony (1-5%) sl st - slightly stony (6-15%) m st - moderately stony (16-35%) v st - very stony (36-70%) ex st - extremely stony (>70%)	o – unmottled. x – a few to common rusty root channel mottles (topsoil) or a few ochreous mottles (subsoil). xx – common to many ochreous mottles and/or dull structure faces. xxx – greyish or pale colours dominant in matrix or ped faces and common to many ochreous mottles (gleyed horizon). xxxx – dominantly grey, often with some ochreous mottles (gleyed horizon). Other: fmcs – ferrimanganiferous concentrations SOS or SBS – stopped on/by stones	CL - climate DE - depth DR - droughtiness ER - erosion FL - flooding GR - gradient MR - microrelief ST - stoniness TX - texture WE - wetness/workability

Lithology

1 - All hard rocks or stones (i.e. those which cannot be scratched with a finger nail)
2 - Soft, medium or coarse grained sandstones
3 - Soft 'weathered' igneous or metamorphic rocks or stones
4 - Soft oolitic or dolomitic limestones
5 - Soft fine grained sandstones
6 - Soft, argillaceous or silty rocks or stones
7 - Chalk or chalk stones
8 - Gravel- with non-porous (hard) stones
9 - Gravel- with porous stones (mainly soft stone types listed above)

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd01-1	39	10yr43		Br	SCL		5			4				grassland - 1		I	1	2	2	DR
	42	10yr43		Br	SCL		5			4	o	no								
	120	10yr44		Dk Yl Br	SCL		20			4	o	no								
Bcd01-2	33	75yr43		Br	MSL	ca	10			4				grassland - 2		(I)	1	3b	3b	DR
													Sos.							
Bcd01-3	25	75yr43		Br	MSL	ca	15			4				grassland - 2		(I)	1	3b	3b	DR
Bcd01-4	39	75yr43		Br	MSL	ca	5			4				grassland - 2		(I)	1	3a	3a	DR
	47	75yr43		Br	MSL		15			4	o	no								
Bcd01-5	39	75yr43		Br	MSL	ca	15	10	7	4				grassland - 2		(I)	1	3b	3b	DR
	40	10yr44		Dk Yl Br	SCL		12			4	o	no								
Bcd01-6	22	75yr43		Br	MSL	ca	15			4				grassland - 2		(I)	1	3b	3b	DR
Bcd01-7	40	75yr43		Br	MSL	ca	1			4				grassland - 3		(I)	1	3b	3b	DR
Bcd01-8	35	75yr43		Br	MSL	ca	5			4				grassland - 2		(I)	1	3b	3b	DR
Bcd01-9	24	75yr43		Br	MSL	ca	7			4				grassland - 3		(I)	1	3b	3b	DR
Bcd01-10	30	75yr43		Br	MSL	ca	10			4				grassland - 5		(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd01-11	29	75yr43		Br	MSL	ca	10			4			Sos.	grassland -	4	(I)	1	3b	3b	DR
Bcd01-12	36	75yr43		Br	MSL	ca	3			4				grassland -	2	(I)	1	2	2	DR
	85	75yr44		Br	MSL		3			4	o	no								
Bcd01-12	33	75yr44		Br	MSL	ca	5			4				grassland -	2	(I)	1	3b	3b	DR
Bcd01-13	33	75yr43		Br	MSL	ca	5			4				grassland - managec		(I)	1	3b	3b	DR
Bcd01-14	39	75yr43		Br	MSL	ca	3			4				grassland -	3	(I)	1	3a	3a	DR
	45	10yr44		Dk Yl Br	SCL		3			4	o	no								
Bcd01-15																				
Bcd01-15	31	75yr43		Br	MSL	ca	10			4				grassland -	2	(I)	1	3b	3b	DR
Bcd01-16	39	75yr43		Br	MSL	ca	12			4				grassland -	4	(I)	1	3b	3b	DR
Bcd01-17	34	75yr43		Br	MSL	ca	15			4				grassland -	2	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd01-18	29	75yr43		Br	MSL	ca	10			4				grassland - 2		(I)	1	3b	3b	DR
Bcd01-19	33	75yr43		Br	MSL	ca	10			4				grassland - 1		(I)	1	3b	3b	DR
Bcd01-191	35	75yr43		Br	MSL	ca	5			4				grassland - 2		(I)	1	3a	3a	DR
	50	75yr44		Br	CSL		5			4	o	no								
													Crushed, powdered limestone.							
Bcd01-20	39	75yr43		Br	MSL	ca	2			4				grassland - 1		(I)	1	3b	3b	DR
Bcd01-21	20	75yr43		Br	MSL	ca	10			4				grassland - 2		(I)	1	3b	3b	DR
Bcd01-22	35	75yr43		Br	MSL	ca	5			4				grassland - 1		(I)	1	3b	3b	DR
Bcd01-23	33	75yr43		Br	MSL	ca	10			4				grassland - 2		(I)	1	3b	3b	DR
Bcd01-24	34	75yr43		Br	MSL	ca	5			4				grassland - 1		(I)	1	3b	3b	DR
Bcd01-25	25	75yr44		Br	MSL	ca	10			4				grassland - 1		(I)	1	3b	3b	DR
Bcd02-1	39	10yr43		Br	MSL		20	18	1	4				grassland - 3		(I)	1	3a	3a	DR, ST

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
	42	10yr54		Yl Br	CSL		15			9	o	no								
Bcd02-2	30	10yr43		Br	FSL	v ca	15			4				grassland -	7	(I)	1	3b	3b	DR
Bcd02-3	39	10yr43		Br	MSL		5			4				grassland -	0	(I)	1	3a	3a	DR
Bcd02-4	30	10yr43		Br	FSL	v ca	13			4				grassland -	9	(I)	1	3b	3b	DR, GR
Bcd02-5	36	10yr43		Br	FSL	v ca	15			4				grassland -	7	(I)	1	3a	3a	DR
Bcd02-6	23	10yr43		Br	FSL	v ca	6			4				grassland -	7	(I)	1	3b	3b	DR
Bcd02-7	45	10yr43		Br	FSL	v ca	5			4				grassland -	5	(I)	1	3a	3a	DR
Bcd02-8	36	10yr43		Br	FSL	v ca	4			4				grassland -	5	I	1	2	2	DR
	87	75yr44	10yr73	Br + V Pl Br	MSL	v ca	3			4	o	no								
													Towards bottom of horizon specs of whiter sand							
Bcd02-9	28	10yr43		Br	FSL	v ca	10			4				grassland -	10	(I)	1	3b	3b	DR, GR
Bcd02-10	36	10yr43		Br	FSL	v ca	8			4				grassland -	2	(I)	1	3a	3a	DR
													Top of rise							
Bcd02-11	25	10yr43		Br	FSL	v ca	8			4				grassland -	2	(I)	1	3b	3b	DR
													Top of hill							
Bcd02-12	25	75yr43		Br	MSL	ca	15			4				grassland -	1	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd02-13	36	10yr43		Br	MSL		10			4				grassland -	3	(I)	1	3a	3a	DR
	55	10yr66		Br Yl	CSL		15			9	o	no								
Bcd02-14	38	10yr43		Br	FSL	v ca	6			4				grassland -	4	(I)	1	3a	3a	DR
													Towards top of hill							
Bcd02-15	39	10yr34		Dk Yl Br	SCL		10	8	2	4				grassland -	0	(I)	1	3b	3b	DR
Bcd02-16	30	10yr43		Br	FSL	v ca	6			4				grassland -	4	(I)	1	3b	3b	DR
Bcd02-17	39	10yr43		Br	MSL		2			4				grassland -	0	(I)	1	3a	3a	DR
	46	10yr66		Br Yl	CSL		10			4	o	no								
Bcd02-18	22	10yr43		Br	FSL	v ca	7			4				grassland -	2	(I)	1	3b	3b	DR
Bcd02-19	39	10yr43		Br	MSL		5			4				grassland -	0	(I)	1	3a	3a	DR
	44	10yr66		Br Yl	CSL		7			9	o	no								
Bcd02-20	25	75yr43		Br	MSL	ca	20			4				grassland -	5	(I)	1	3b	3b	DR
Bcd02-21	20	75yr43		Br	MSL	ca	20			4				grassland -	5	(I)	1	3b	3b	DR
Bcd02-22	23	10yr43		Br	FSL	v ca	5			4				grassland -	2	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd02-23	29	10yr43		Br	FSL	v ca	6			4				grassland -	3	(I)	1	3a	3a	DR
	45	10yr73		V Pl Br	FSL	v ca	5			4	o	no								
Bcd02-24	28	10yr43		Br	FSL	v ca	3			4				grassland -	2	(I)	1	3b	3b	DR
Bcd02-25	28	10yr43		Br	FSL	v ca	3			4				grassland -	2	(I)	1	3b	3b	DR
Bcd02-26	20	10yr43		Br	FSL	v ca	3			4				grassland -	2	(I)	1	3b	3b	DR
Bcd02-27	32	10yr43		Br	FSL	v ca	3			4				grassland -	2	(I)	1	3b	3b	DR
Bcd02-28	39	10yr44		Dk Yl Br	MSL		3			4				grassland -	0	(I)	1	3a	3a	DR
	43	10yr54		Yl Br	MSL		5			4	o	no								
Bcd02-29	39	75yr43		Br	FSL	ca	15			4				grassland -	1	(I)	1	3a	3a	DR
Bcd02-30	39	10yr44		Dk Yl Br	MSL		1			4				grassland -	0	I	1	3a	3a	DR
	45	10yr44		Dk Yl Br	SCL		1			4	o	no								
	70	5yr46		Yl Rd	C		5			9	o	no								
Bcd02-31	38	10yr43		Br	FSL	v ca	3			4				grassland -	2	(I)	1	3a	3a	DR
Bcd02-32	34	75yr43		Br	FSL	ca	5			4				grassland -	2	(I)	1	3a	3a	DR
Bcd02-33	35	10yr43		Br	FSL	v ca	5			4				grassland -	2	(I)	1	3a	3a	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd02-34	39	10yr34		Dk Yl Br	SCL		5			4				grassland -	0	(I)	1	3a	3a	DR
	45	10yr34		Dk Yl Br	SCL		5			4	o	no								
	50	10yr46		Dk Yl Br	SCL		5			4	o	no								
Bcd02-35	33	10yr43		Br	FSL	v ca	3			4				grassland -	2	(I)	1	3a	3a	DR
Bcd02-36	38	75yr43		Br	FSL	ca	10			4				grassland -	1	(I)	1	3a	3a	DR
Bcd02-37	39	75yr43		Br	FSL	ca	15			4				grassland -	1	(I)	1	3a	3a	DR
Bcd02-38	35	75yr43		Br	FSL	ca	15			4				grassland -	1	(I)	1	3a	3a	DR
Bcd02-39	39	10yr43		Br	FSL	v ca	3			4				grassland -	2	(I)	1	3a	3a	DR
Bcd02-40	34	10yr43		Br	FSL	v ca	4			4				grassland -	2	(I)	1	3a	3a	DR
Bcd02-41	38	10yr43		Br	FSL	v ca	4			4				grassland -	2	(I)	1	3a	3a	DR
Bcd02-42	31	10yr43		Br	FSL	v ca	3			4				grassland -	2	(I)	1	3b	3b	DR
Bcd02-43	32	10yr43		Br	FSL	v ca	3			4				grassland -	2	I	1	2	2	DR
	60	75yr44		Br	MSL	v ca	3			4	o	no								
Bcd02-44	39	10yr43		Br	MSL		5			4				arable	0	(I)	1	3a	3a	DR
	50	10yr43		Br	SCL		5			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd02-45	35	75yr43		Br	FSL	ca	5			4				grassland -	1	(I)	1	3a	3a	DR
Bcd02-46	39	10yr43		Br	MSL		1			4				arable	0	I	1	3a	3a	DR
	42	10y44		Ol	SCL		8			9	o	no								
	80	10yr54		Yl Br	SCL		8			9	o	no								
Bcd02-47	35	10yr43		Br	FSL	v ca	3			4				grassland -	2	I	1	3a	3a	DR
	55	10yr66		Br Yl	MSL	v ca	3			4	o	no								
Bcd02-47	39	10yr43		Br	SCL		5			4				grassland -	0	I	1	2	2	DR
	40	10yr43		Br	SCL		5			4	o	no								
	100	10yr56		Yl Br	SCL		5			9	o	no								
Bcd02-48	37	75yr43		Br	FSL	ca	5			4				grassland -	1	(I)	1	3a	3a	DR
	52	75yr56		St Br	MSL		8			4	o	no								
Bcd02-49	31	75yr43		Br	FSL	ca	5			4				grassland -	1	(I)	1	3b	3b	DR
Bcd076-1	30	10yr34		Dk Yl Br	CSL		5			4				arable	0	(I)	1	3b	3b	DR
Bcd076-2	31	10yr43		Br	SCL	ca	10	5	5	4				arable	0	(I)	1	3b	3b	DR
Bcd076-3	31	10y34		Dk Ol	MSL	ca	10			4				arable	1	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd076-4	32	10yr43		Br	SCL	ca	5			4				arable	0	(I)	1	3b	3b	DR
	40	10yr56		Yl Br	SCL		20			4	o	no								
Bcd076-5	29	10y34		Dk Ol	MSL	ca	15			4				arable	1	(I)	1	3b	3b	DR
Bcd076-6	38	10yr44		Dk Yl Br	MSL	ca	2			4				arable	2	(I)	1	3b	3b	DR
Bcd076-7	44	10yr34		Dk Yl Br	CSL		5			4				grassland -	0	(I)	1	3b	3b	DR
Bcd076-8	38	10yr34		Dk Yl Br	CSL		5			4				grassland -	0	(I)	1	3b	3b	DR
Bcd076-9	34	10yr43		Br	SCL		3			4				arable	0	I	1	3a	3a	DR
	60	10yr58		Yl Br	SCL		10			4	o	no								
Bcd078-1	32	75yr43		Br	MCL	ca	10	5	5	4				grassland -	1	(I)	1	3a	3a	DR
	50	10yr86		Yl	MCL	v ca	25			4	o	no								
													Increasing stone with depth,						
Bcd078-2	30	75yr43		Br	MSL	ca	8	5	1	4				grassland -	1	(I)	1	3b	3b	DR
	37	75yr44		Br	MSL	ca	15			4	o	no								
Bcd078-3	38	75yr43		Br	MSL	ca	10			4				grassland -	1	(I)	1	3b	3b	DR
Bcd078-4	32	75yr43		Br	MSL	ca	5			4				grassland -	1	I	1	3a	3a	DR
	57	75yr56		St Br	SCL	ca	5			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd079-1	33	75yr43		Br	SCL	ca	10	5	5	4				arable	1	I	1	3a	3a	DR
	55	10yr66		Br Yl	SCL	v ca	20			4	o	no								
Bcd079-2	39	75yr44		Br	SCL	ca	3			4				arable	1	(I)	1	3a	3a	DR
	45	75yr64		Li Br	SCL		5			4	o	no								
Bcd079-3	32	75yr43		Br	SCL	ca	10	5	5	4				arable	1	(I)	1	3a	3a	DR
	50	10yr66		Br Yl	MSL	v ca	25			4	o	no								
Bcd079-4	39	75yr44		Br	SCL	ca	5			4				arable	1	(I)	1	3b	3b	DR
Bcd079-5	33	10yr43		Br	MCL	ca	10	5	5	4				arable	0	I	1	3a	3a	DR
	60	10yr66		Br Yl	MCL		25			4	o	no								
Bcd079-6	37	75yr44		Br	SCL	ca	5			4				arable	1	(I)	1	3b	3b	DR
Bcd079-7	32	10yr43		Br	MCL	ca	15	10	5	4				arable	0	(I)	1	3a	3a	DR
	45	10yr66		Br Yl	MCL	v ca	50			4	o	no								
Bcd079-8	32	75yr44		Br	SCL	ca	7			4				arable	1	(I)	1	3b	3b	DR
Bcd079-9	30	75yr44		Br	SCL	ca	3			4				arable	1	I	1	2	2	DR
	75	75yr64		Li Br	MSL		5			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd079-10	35	75yr44		Br	SCL	ca	5			4				arable	1	(I)	1	3b	3b	DR
Bcd079-11	39	75yr44		Br	SCL	ca	3			4				arable	1	(I)	1	3a	3a	DR
	45	75yr64		Li Br	SCL		5			4	o	no								
Bcd079-12	39	75yr44		Br	SCL	ca	3			4				arable	1	I	1	2	2	DR
	80	75yr64		Li Br	SCL		3			4	o	no								
Bcd079-13	39	75yr44		Br	SCL	ca	3			4				arable	1	I	1	2	2	DR
	61	75yr64		Li Br	SCL		1			4	o	no								
	90	10yr66		Br Yl	MSL		1			4	o	no								
Bcd079-14	47	75yr44		Br	SCL	ca	5			4			Sos	arable	1	(I)	1	3a	3a	DR
Bcd079-15	39	75yr44		Br	SCL	ca	7			4			Sos	arable	1	(I)	1	3a	3a	DR
Bcd079-16	30	75yr44		Br	SCL	ca	10			4			Sos	arable	1	(I)	1	3b	3b	DR
Bcd079-17	33	75yr44		Br	SCL	ca	10			4			Sos	arable	1	(I)	1	3b	3b	DR
Bcd079-18	32	10yr43		Br	SCL	sl ca	5			4				arable	0	I	1	2	2	DR
	90	10yr43		Br	SCL		20			4	o	no								
													Stoney/clay band at 40-50cm							
Bcd079-19	39	75yr44		Br	SCL	ca	3			4				arable	1	I	1	2	2	DR
	60	75yr64		Li Br	SCL		1			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
	70	10yr66		Br Yl	MSL		1			4	o	no								
Bcd079-20	38	10yr43		Br	SCL		2			4				arable	0	I	1	2	2	DR
	50	75yr53		Br	SCL		2			4	o	no								
	65	10yr56		Yl Br	HCL		1			4	x	no								
	120	10yr58		Yl Br	LMS		1			4	o	no								
Bcd079-21	38	75yr44		Br	SCL	ca	10			4			Sos	arable	1	(I)	1	3b	3b	DR
Bcd079-22	37	10yr43		Br	MCL	ca	7			4				arable	0	I	1	2	2	DR
	80	10yr66		Br Yl	MCL		2			4	x	no								
	120	10yr68		Br Yl	MCL		10			4	o	no								
Bcd079-23	35	75yr44		Br	SCL	ca	5			4				arable	1	(I)	1	3b	3b	DR
Bcd079-24	33	10yr43		Br	HCL	ca	20	10	10	4				arable	0	(I)	2	3b	3b	DR
	45	10yr43		Br	HCL	ca	30			4	o	no								
Bcd079-25	39	75yr44		Br	SCL	ca	5			4				arable	1	(I)	1	3b	3b	DR
Bcd079-26	35	75yr44		Br	SCL		5			4				arable	1	(I)	1	3a	3a	DR
	60	75yr46		St Br	HCL		3			4	x	no								
Bcd079-27	32	75yr44		Br	SCL	ca	8			4				arable	1	(I)	1	3b	3b	DR
Bcd082-1	40	10yr34		Dk Yl Br	MSL		5			4				arable	0	I	1	3a	3a	DR
	60	10yr66		Br Yl	SCL		5			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd082-2	36	10yr43		Br	MSL		1			4				arable	1	I	1	3a	3a	DR
	55	10yr54		Yl Br	SCL		25			4	o	no								
Bcd082-3	5	10yr43		Br	SCL		1			4				arable	1	I	1	2	2	DR
	64	75yr46		St Br	SCL		2			4	o	no								
	74	10yr53		Br	SCL		15			4	o	no								
Bcd082-4	33	10yr43		Br	MSL		1			4				arable	1	I	1	2	2	DR
	62	10yr56		Yl Br	CSL		10			4	o	no								
	75	10yr64		Li Yl Br	FSL		25			4	o	no								
Bcd082-5	34	10yr43		Br	SCL		1			4				arable	1	I	1	2	2	DR
	46	75yr46		St Br	SCL		2			4	o	no								
	60	10yr64		Li Yl Br	FSL		15			4	o	no								
Bcd082-6	36	10yr43		Br	MSL		1			4				arable	0	(I)	1	3a	3a	DR
	46	10yr66		Br Yl	MSL		10			4	o	no								
Bcd082-7	39	10yr44		Dk Yl Br	SCL	ca	3			4				arable	1	(I)	1	3a	3a	DR
	55	10yr66		Br Yl	SCL	v ca	30			4	o	no								
Bcd082-8	37	10yr34		Dk Yl Br	MSL		1			4				arable	0	I	1	3a	3a	DR
	61	10yr56		Yl Br	MSL		15			9	o	no								
Bcd082-9	34	10yr43		Br	MSL	ca	2			4				arable	1	I	1	2	2	DR
	75	75yr46		St Br	SCL		1			4	o	no								
	100	10yr54		Yl Br	FSL		10			4	o	no								
Bcd082-10	40	10yr43		Br	MSL		3			4				arable	0	I	1	2	2	DR
	70	75yr43		Br	MSL		3			4	o	no								
	90	10yr46		Dk Yl Br	LMS		10			4	o	no								
Bcd082-11	38	10yr43		Br	MSL	ca	2			4				arable	1	I	1	2	2	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
	44	75yr46		St Br	SCL		3			4	o	no								
	100	10yr54		Yl Br	MSL		15			4	o	no								
Bcd082-12	38	10yr43		Br	MSL	ca	2			4				arable	1	I	1	2	2	DR
	44	75yr46		St Br	SCL		3			4	o	no								
	100	10yr54		Yl Br	MSL		15			4	o	no								
Bcd082-13	39	10yr44		Dk Yl Br	SCL	ca	5			4				arable	1	I	1	3a	3a	DR
	60	10yr56		Yl Br	SCL	ca	7			4	o	no								
Bcd082-14	35	10yr44		Dk Yl Br	SCL	ca	4			4				arable	2	(I)	1	3a	3a	DR
	53	10yr56		Yl Br	SCL	ca	4			4	o	no								
Bcd082-15	35	10yr43		Br	SCL	ca	3			4				arable	1	I	1	2	2	DR
	72	75yr46		St Br	SCL		1			4	o	no								
	100	10yr56		Yl Br	SCL		5			4	o	no								
Bcd082-16	32	10yr43		Br	MSL	ca	2			4				arable	1	I	1	2	2	DR
	100	10yr54		Yl Br	LMS		5			4	o	no								
Bcd082-17	32	10yr43		Br	MSL	ca	2			4				arable	1	I	1	2	2	DR
	43	75yr46		St Br	SCL		2			4	o	no								
	85	10yr64		Li Yl Br	FSL		15			4	o	no								
Bcd082-18	34	10yr43		Br	MSL		1			4				arable	1	(I)	1	3a	3a	DR
	45	10yr53		Br	FSL		25			4	o	no								
Bcd082-19	38	10yr43		Br	SCL		1			4				arable	1	(I)	1	3b	3b	DR
Bcd082-20	36	75yr34		Dk Br	MSL		3			4				arable	0	(I)	1	3a	3a	DR
	51	75yr44		Br	MSL		5			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd082-21	40	10yr44		Dk Yl Br	MSL		1			4				arable	0	I	1	2	2	DR
	72	75yr44		Br	LMS		0				o	no								
	110	75yr44		Br	SCL		0				o	no								
Bcd082-22	38	10yr44		Dk Yl Br	SCL	ca	3			4				arable	1	I	1	3a	3a	DR
	62	10yr56		Yl Br	SCL	v ca	25			4	o	no								
Bcd082-23	35	10yr43		Br	LMS		1			4				arable	0	I	1	3a	3a	DR
	80	75yr43		Br	LMS		1			4	o	no								
Bcd082-24	32	10yr43		Br	SCL	ca	2			4				arable	1	I	1	2	2	DR
	100	10yr54		Yl Br	SCL		5			4	o	no								
Bcd082-25	40	10yr43		Br	LMS		1			4				arable	0	(I)	1	3a	3a	DR
	50	75yr43		Br	MSL		1			4	o	no								
Bcd082-26	33	10yr43		Br	SCL		2			4				arable	1	I	1	2	2	DR
	63	75yr46		St Br	SCL		1			4	o	no								
	100	10yr64		Li Yl Br	FSL		15			4	o	no								
Bcd082-27	39	10yr44		Dk Yl Br	SCL	ca	2			4				arable	1	(I)	1	3a	3a	DR
	53	10yr56		Yl Br	SCL	ca	4			4	o	no								
Bcd082-28	27	10yr44		Dk Yl Br	SCL	v ca	3			4				arable	1	(I)	1	3b	3b	DR
Bcd084-1	32	10yr43		Br	MSL	ca	10	5	5	4				arable	1	I	1	3a	3a	DR
	50	75yr56		St Br	MSL	v ca	20			4	o	no	Stone content increasing with depth							
	60	25y84		Pl Br	MSZL	v ca	30			4	o	no								
Bcd084-2	39	10yr44		Dk Yl Br	SCL	ca	3			4				arable	1	I	1	2	2	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
	42	10yr44		Dk Yl Br	SCL	ca	3			4	o	no								
	55	75yr46		St Br	SCL	ca	3			4	o	no								
	71	10yr56		Yl Br	MSL	ca	5			4	o	no								
Bcd084-3	34	10yr43		Br	MSL	v ca	10	5	5	4				arable	1	I	1	2	2	DR
	60	75yr56		St Br	MSL	v sl ca	2			4	o	no	Very few stones							
	80	10yr84		V Pl Br	LMS	ca	10			4	o	no								
Bcd084-4	35	10yr44		Dk Yl Br	SCL	ca	3			4				arable	1	(I)	1	3a	3a	DR
	45	75yr56		St Br	SCL	ca	3			4	o	no								
Bcd084-5	36	10yr46		Dk Yl Br	MSL	ca	15	10	5	4				arable	1	I	1	3a	3a	DR
	60	5yr58		Yl Rd	LMS	ca	5			4	o	no	Impenetrable >60cm due to stone							
Bcd084-6	36	10yr44		Dk Yl Br	SCL	ca	3			4				arable	1	(I)	1	3a	3a	DR
	46	75yr56		St Br	SCL	ca	3			4	o	no								
Bcd084-7	38	10yr44		Dk Yl Br	SCL	ca	3			4				arable	1	(I)	1	3b	3b	DR
Bcd084-8	38	10yr44		Dk Yl Br	SCL	ca	3			4				arable	1	(I)	1	3a	3a	DR
	50	75yr56		St Br	MSL	ca	8			4	o	no	Specks of white and yellow sand from residuum.							
Bcd084-9	33	10yr44		Dk Yl Br	SCL	ca	3			4				arable	1	I	1	3a	3a	DR
	57	75yr56		St Br	SCL	ca	7			4	o	no								
Bcd084-10	35	10yr44		Dk Yl Br	SCL	ca	3			4				arable	1	(I)	1	3a	3a	DR
	46	75yr56		St Br	SCL	ca	10			4	o	no								
	75	75yr56		St Br	SCL	ca	45			4	o	no								
Bcd084-11	46	10yr44		Dk Yl Br	SCL	ca	3			4				arable	1	(I)	1	3a	3a	DR
Bcd084-12	34	10yr43		Br	MSL	v ca	10	5	5	4				arable	1	(I)	1	3b	3b	DR
	50	75yr56		St Br	MSL	v ca	40			4	o	no	sos							

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd084-13	34	10yr44		Dk Yl Br	SCL	ca	4			4				arable	1	(I)	1	3a	3a	DR
	46	75yr56		St Br	MSL	ca	8			4	o	no								
Bcd084-14	38	10yr43		Br	MSL	ca	15	10	5	4				arable	1	(I)	1	3b	3b	DR
	45	25y88		Yl	LMS	ca	20			4	o	no								
Bcd084-15	35	10yr44		Dk Yl Br	SCL	ca	4			4				arable	1	I	1	3a	3a	DR
	60	75yr56		St Br	MSL	ca	8			4	o	no	Specks of white and yellow sand from residuum							
Bcd084-16	25	75yr44		Br	LMS	ca	15	10	5	4				arable	1	I	1	3a	3a	DR
	90	75yr56		St Br	LMS	ca	20			4	x	no	Very high weathered stone content							
Bcd084-17	42	10yr44		Dk Yl Br	SCL	ca	3			4				arable	1	I	1	3a	3a	DR
	74	10yr56		Yl Br	MSL	ca	10			4	o	no								
Bcd086-1	32	10yr43		Br	MSL	ca	15	10	5	4				arable	1	(I)	1	3b	3b	DR
	50	10yr78		Yl	LMS	ca	20			4	o	no	Impenetrable >50cm due to stone							
Bcd086-2	40	10yr43		Br	CSL		6			4				arable	0	(I)	1	3b	3b	DR
Bcd086-3	34	10yr43		Br	MSL	ca	15	5	10	4				arable	1	I	1	3a	3a	DR
	50	75yr46		St Br	MSL	ca	20			4	o	no								
	60	10yr78		Yl	SCL	ca	20			4	o	no								
Bcd086-4	35	10yr44		Dk Yl Br	SCL		1			4				arable	0	(I)	1	3a	3a	DR
	50	10yr46		Dk Yl Br	SCL		2			4	o	no								
Bcd086-5	39	75yr43		Br	MSL	ca	8			4				arable	1	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd086-6	36	75yr43		Br	MSL	ca	10			4				arable	1	(I)	1	3b	3b	DR
Bcd086-7	32	75yr43		Br	CSL	ca	3			4				arable	1	(I)	1	3a	3a	DR
	50	75yr56		St Br	CSL	ca	5			4	o	no								
Bcd086-8	35	10yr44		Dk Yl Br	SCL		3			4				arable	0	(I)	1	3b	3b	DR
Bcd086-9	38	10yr44		Dk Yl Br	MSL		3			4				arable	0	(I)	1	3b	3b	DR
Bcd086-10	36	10yr44		Dk Yl Br	SCL		4			4				arable	0	I	1	3a	3a	DR
	54	10yr36		Dk Yl Br	SCL		5			4	o	no								
Bcd086-11	36	75yr43		Br	MSL	ca	8			4				arable	1	(I)	1	3b	3b	DR
Bcd086-12	35	10yr43		Br	MSL	ca	15	10	5	4				arable	1	I	1	3a	3a	DR
	85	10yr68		Br Yl	MSL	ca	15			4	o	no								
Bcd086-13	28	75yr43		Br	MSL	ca	5			4				arable	1	(I)	1	3b	3b	DR
	41	75yr56		St Br	MSL	ca	5			4	o	no								
Bcd086-14	38	10yr43		Br	SCL	ca	15	10	5	4				arable	1	I	1	3a	3a	DR
	75	10yr86		Yl	SCL	ca	25			4	o	no								
Bcd086-15	30	75yr43		Br	MSL	ca	5			4				arable	1	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
	37	75yr56		St Br	MSL	ca	15			4	o	no								
Bcd086-16	35	10yr43		Br	SCL	ca	10	5		4				arable	1	I	1	2	2	DR
	80	10yr88		Yl	MSL		10			4	o	no								
Bcd086-17	25	10yr34		Dk Yl Br	MZCL	sl ca	10			4				arable	2	(I)	1	3b	3b	DR
Bcd088-1	32	75yr43		Br	SCL	v sl ca	5	5		4				arable	1	I	1	2	2	DR
	60	75yr46		St Br	SCL		2			4	o	no								
	120	75yr86		Rd Yl	LMS		2			4	o	no								
Bcd088-2	29	10yr34		Dk Yl Br	MZCL	sl ca	20			4				arable	1	(I)	1	3b	3b	DR
Bcd088-3	21	10yr34		Dk Yl Br	MZCL	sl ca	10			4				arable	1	(I)	1	3b	3b	DR
Bcd088-4	20	10yr34		Dk Yl Br	MZCL	sl ca	15			4				arable	1	(I)	1	3b	3b	DR
Bcd088-5	35	10yr44		Dk Yl Br	MZCL		5			4				arable	1	(I)	1	3b	3b	DR
Bcd088-6	38	10yr43		Br	MCL	ca	8	5	3	4				arable	1	I	1	2	2	DR
	55	75yr46		St Br	HCL	ca	10			4	o	no								
	120	10yr86		Yl	MSL	ca	20			4	o	no								
Bcd088-7	26	10yr34		Dk Yl Br	MZCL	v ca	20			4				arable	1	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd088-8	34	10yr43		Br	SCL	ca	20	16	5	4				arable	1	(I)	1	3a	3a	DR, ST
	50	10yr68		Br Yl	SCL	ca	25			4	o	no								
Bcd088-9	23	10yr34		Dk Yl Br	MZCL	sl ca	10			4				arable	1	(I)	1	3b	3b	DR
Bcd088-10	32	10yr43		Br	MCL	ca	15	10	5	4				arable	1	(I)	1	3b	3b	DR
	45	10yr68		Br Yl	SCL		20			4	o	no								
Bcd088-11	22	10yr44		Dk Yl Br	MZCL	v sl ca	20			4				arable	1	(I)	1	3b	3b	DR
Bcd093-1	38	25yr44		Rd Br	MSL	sl ca	15	10	5	4				arable	1	(I)	1	3a	3a	DR
	50	10yr68		Br Yl	MSL	sl ca	15			4	o	no	Increasing stone content with depth, impenetrable below 50cm							
Bcd093-2	35	10yr44		Dk Yl Br	SCL	ca	2			4				arable	1	I	1	3a	3a	DR
	57	75yr44		Br	MSL	ca	10			4	o	no								
Bcd093-3	38	10yr44		Dk Yl Br	SCL	ca	3			4				arable	1	(I)	1	3a	3a	DR
	50	75yr44		Br	MSL	ca	10			4	o	no								
Bcd093-4	32	10yr44		Dk Yl Br	SCL	ca	2			4				arable	1	(I)	1	3b	3b	DR
Bcd093-5	34	10yr44		Dk Yl Br	MSL	ca	10	8	2	4				arable	1	(I)	1	3b	3b	DR
	50	25y78		Yl	LMS	ca	25			4	o	no								
Bcd093-6	33	10yr44		Dk Yl Br	SCL	ca	2			4				arable	1	(I)	1	3b	3b	DR
	41	75yr44		Br	SCL	ca	8			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd093-7	36	10yr44		Dk Yl Br	SCL	ca	4			4				arable	1	(I)	1	3a	3a	DR
	44	75yr44		Br	MSL	ca	15			4	o	no								
Bcd093-8	32	10yr33		Dk Br	LMS	ca	10	5	5	4				arable	1	(I)	1	3b	3b	DR
	50	10yr66		Br Yl	LMS	ca	20			4	o	no								
Bcd093-9	38	10yr44		Dk Yl Br	SCL	ca	6			4				arable	1	(I)	1	3a	3a	DR
	45	75yr44		Br	MSL	ca	15			4	o	no								
Bcd093-10	33	10yr44		Dk Yl Br	SCL	ca	2			4				arable	1	(I)	1	3a	3a	DR
	48	75yr44		Br	MSL	ca	8			4	o	no								
Bcd094-1	31	10yr43		Br	SCL		5			4				grassland -	2	I	1	3a	3a	DR
	45	10yr44		Dk Yl Br	SCL	ca	15			4	x	no								
	70	10yr56		Yl Br	MSL	ca	25			4	x	no								
Bcd094-2	39	10yr44		Dk Yl Br	SCL	ca	4			4				grassland -	1	(I)	1	3a	3a	DR
	43	10yr44		Dk Yl Br	SCL	ca	4			4	o	no	Platey 5-10cm diameter							
Bcd094-3	39	10yr44		Dk Yl Br	SCL	ca	3			4				grassland -	1	I	1	3a	3a	DR
	62	10yr56		Yl Br	SCL	ca	15			4	o	no	Stopped on rock							
Bcd094-4	43	10yr44		Dk Yl Br	SCL	ca	15			4				grassland -	1	(I)	1	3b	3b	DR
													Stopped on softlimestone							
Bcd094-5	45	10yr44		Dk Yl Br	SCL	ca	10			4				grassland -	2	(I)	1	3b	3b	DR
													Stopped on soft limestone							
Bcd094-6	34	10yr44		Dk Yl Br	SCL	ca	4			4				grassland -	1	(I)	1	3a	3a	DR
	55	75yr46		St Br	SCL	ca	5			4	o	no								
Bcd094-7	34	10yr44		Dk Yl Br	MSL		5			4				grassland -	2	(I)	1	3a	3a	DR
	52	10yr56		Yl Br	MSL	ca	10			4	xx	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd094-8	47	10yr44		Dk Yl Br	SCL	ca	2			4				grassland - 1		(I)	1	3a	3a	DR
Bcd094-9	36	10yr44		Dk Yl Br	MSL		5			4				grassland - 1		I	1	3a	3a	DR
	60	10yr56		Yl Br	MSL		30			4	o	no								
Bcd094-10	30	75yr34		Dk Br	CSL	sl ca	5			4				grassland - 1		I	1	3a	3a	DR
	38	75yr44		Br	SCL	ca	5			4	o	no								
	61	75yr46		St Br	SCL	ca	15			4	o	no								
Bcd094-11	32	10yr44		Dk Yl Br	MSL	ca	10		5	4				grassland - 1		I	1	3a	3a	DR
	60	10yr66		Br Yl	MSL		30			4	o	no								
Bcd094-12	37	75yr43		Br	MSL	sl ca	5			4				grassland - 1		(I)	1	3b	3b	DR
Bcd094-13	34	10yr44		Dk Yl Br	MSL	ca	11		10	4				grassland - 2		I	1	3a	3a	DR
	55	10yr56		Yl Br	MSL		30			4	o	no								
Bcd094-14	30	75yr43		Br	SCL	sl ca	5			4				grassland - 1		(I)	1	3b	3b	DR
	38	75yr46		St Br	SCL	ca	10			4	o	no								
Bcd094-15	29	75yr44		Br	CSL		5			4				grassland - 1		I	1	2	2	DR
	64	75yr46		St Br	CSL	v sl ca	5			4	o	no								
	110	75yr56		St Br	LCS	ca	5			4	o	no								
Bcd094-16	36	75yr43		Br	CSL	ca	10			4				grassland - 1		(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd094-17	37	75yr43		Br	SCL	ca	8			4				grassland - 1		(I)	1	3a	3a	DR
	53	5yr46		Yl Rd	SCL	ca	10			4	o	no								
Bcd094-18	32	75yr43		Br	MSL	ca	8			4				grassland - 1		(I)	1	3b	3b	DR
	38	75yr46		St Br	SCL	ca	15			4	o	no								
Bcd094-19	29	10yr44		Dk Yl Br	SCL		5			4				grassland - 2		I	1	3a	3a	DR
	60	10yr46		Dk Yl Br	SCL	ca	5			4	o	no								
Bcd096-1	31	10yr43		Br	LMS	sl ca	5	4	1	4				grassland - 1		I	1	2	2	DR
	60	75yr56		St Br	SCL		1			4	o	no	Almost stoneless							
	120	75yr78		Rd Yl	MSL		1			4	o	no								
Bcd096-2	31	10yr44		Dk Yl Br	SCL	ca	10			4				grassland - 2		I	1	3a	3a	DR
	58	75yr44		Br	CSL	ca	5			4	o	no								
	65	10yr66		Br Yl	LCS	v ca	20			4	o	no								
Bcd096-3	35	10yr43		Br	MSL	sl ca	6	4	1	4				grassland - 1		I	1	3b	3b	DR
	40	5yr44		Rd Br	MSL	ca	8			4	o	no								
	60	10yr68		Br Yl	LMS	v ca	20			4	o	no	Bedrock at 60cm							
Bcd096-4	38	10yr44		Dk Yl Br	SCL	ca	6			4				grassland - 2		(I)	1	3b	3b	DR
	42	10yr44		Dk Yl Br	LCS	v ca	10			4	o	no								
Bcd096-5	31	10yr44		Dk Yl Br	SCL	ca	10			4				grassland - 2		I	1	3a	3a	DR
	58	75yr44		Br	SCL	ca	5			4	o	no	Increased clay content with depth,							
Bcd096-6	37	10yr44		Dk Yl Br	SCL	ca	3			4				grassland - 2		(I)	1	3b	3b	DR
	48	10yr66		Br Yl	LCS		8			4	o	no								
Bcd096-7	39	10yr44		Dk Yl Br	SCL	ca	3			4				grassland - 2		(I)	1	3b	3b	DR
	48	10yr66		Br Yl	LCS		10			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd096-8	43	10yr44		Dk Yl Br	SCL	ca	5			4				grassland - 6		(I)	1	3b	3b	DR
													Top of small rise							
Bcd096-9	36	10yr44		Dk Yl Br	SCL	ca	4			4				grassland - 4		(I)	1	3b	3b	DR
	43	10yr66		Br Yl	LCS	v ca	9			4	o	no								
Bcd096-10	38	10yr44		Dk Yl Br	SCL	ca	8			4				grassland - 2		I	1	3a	3a	DR
	58	75yr44		Br	CSL	ca	5			4	o	no	Patches with limited crop growth							
	65	10yr66		Br Yl	LCS	v ca	15			4	o	no								
Bcd096-11	31	10yr43		Br	LMS	sl ca	5	4	1	4				grassland - 1		I	1	3b	3b	DR
	60	5yr44		Rd Br	LMS	ca	5			4	o	no								
	70	10yr86		Yl	LMS	v ca	25			4	o	no								
Bcd096-12	39	10yr44		Dk Yl Br	SCL	ca	3			4				grassland - 3		I	1	3b	3b	DR
	56	10yr66		Br Yl	LCS		10			4	o	no								
Bcd096-13	31	10yr43		Br	LMS	v ca	7	5	2	4				grassland - 1		I	1	3a	3a	DR
	60	25y68		Ol Yl	MSL	v ca	9			4	o	no	Increasing stone content with depth							
	80	25y86		Yl	LMS	v ca	25			4	o	no								
Bcd097-1	31	10yr43		Br	SCL	ca	3			4				grassland - 3		(I)	1	3a	3a	DR
	45	75yr46		St Br	MSL	ca	3			4	o	no	Flat of rise							
Bcd097-2	34	75yr44		Br	LMS	ca	7			4				grassland - 3		(I)	1	3b	3b	DR
	45	5yr44		Rd Br	LMS		20			4	o	no	Sos							
Bcd097-3	30	10yr43		Br	MSL	ca	3			4				grassland - 4		(I)	1	3a	3a	DR
	50	75yr46		St Br	SCL	ca	3			4	o	no	Crest of smaller rise							
													Soft crushed limestone							
Bcd097-4	29	75yr44		Br	MSL	ca	7			4				grassland - 4		I	1	3a	3a	DR
	52	5yr54		Rd Br	MSL		10			4	o	no								
	62	5yr34		Dk Rd Br	MSL		20			4	o	no	Sos							

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd097-5	32	10yr43		Br	MSL	sl ca	2			4				grassland -	5	(I)	1	3b	3b	DR
	38	10yr44		Dk Yl Br	MSL	sl ca	1			4	o	no								
Bcd097-6	32	10yr43		Br	MSL	ca	2			4				grassland -	5	(I)	1	3a	3a	DR
	50	75yr46		St Br	SCL	ca	3			4	o	no	Mid to upper slope of rolling rise							
													Small crushed limestone, soft							
Bcd097-7	35	10yr43		Br	SCL	ca	2			4				grassland -	5	(I)	1	3b	3b	DR
	40	75yr46		St Br	SCL	ca	3			4	o	no	Small crushed limestone, soft							
Bcd097-8	31	10yr43		Br	MSL	v sl ca	2			4				grassland -	5	(I)	1	3a	3a	DR
	48	10yr44		Dk Yl Br	MSL	v sl ca	3			4	o	no	Upperslope							
													Sor							
Bcd097-9	38	10yr43		Br	MSL	v sl ca	2			4				grassland -	5	I	1	2	2	DR
	72	10yr44		Dk Yl Br	MSL	v sl ca	3			4	o	no	Upperslope							
Bcd097-10	33	75yr34		Dk Br	MSL	ca	12			4				grassland -	2	I	1	3a	3a	DR
	45	5yr54		Rd Br	LMS		10			4	o	no								
	100	75yr54		Br	LMS		4			4	o	no	Increasingly sandy with depth							
Bcd097-11	33	10yr43		Br	SCL	ca	2			4				grassland -	4	(I)	1	3b	3b	DR
Bcd097-12	30	75yr34		Dk Br	MSL	ca	10			4				grassland -	0	(I)	1	3a	3a	DR
	50	75yr54		Br	MSL		20			4	o	no	Sos							
Bcd097-13	32	10yr43		Br	MSL	ca	4			4				grassland -	4	(I)	1	3a	3a	DR
	42	10yr44		Dk Yl Br	MSL	ca	3			4	o	no	Upperslope							

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd097-14	31	10yr43		Br	MSL	ca	2			4				grassland -	2	(I)	1	3a	3a	DR
	45	10yr44		Dk Yl Br	MSL	ca	5			4	o	no	Top, flat							
													Soft crushed limestone at bottom							
Bcd097-15	31	10yr43		Br	MSL	ca	2			4				grassland -	5	(I)	1	3a	3a	DR
	45	10yr44		Dk Yl Br	MSL	ca	5			4	o	no	Top, flat							
													Crushed soft limestone							
Bcd097-15	31	10yr43		Br	SCL	ca	3			4				grassland -	5	(I)	1	3a	3a	DR
	45	10yr44		Dk Yl Br	MSL	ca	5			4	o	no	Crushed soft limestone							
Bcd097-16	35	10yr43		Br	MSL	sl ca	2			4				grassland -	5	I	1	2	2	DR
	72	10yr44		Dk Yl Br	MSL	v sl ca	3			4	o	no	Crushed soft limestone							
Bcd097-17	30	75yr34		Dk Br	MSL	ca	8		7	4				grassland -	0	(I)	1	3a	3a	DR
	45	75yr54		Br	MSL	ca	20			4	o	no								
Bcd097-18	31	10yr43		Br	MSL	ca	2			4				grassland -	2	(I)	1	3b	3b	DR
	45	10yr44		Dk Yl Br	MSL	ca	8			4	o	no	Top, flat							
													Crushed soft limestone							
Bcd097-19	30	75yr43		Br	MSL	ca	12		10	4				grassland -	0	(I)	1	3b	3b	DR
	45	75yr54		Br	MSL		20			4	o	no								
Bcd098-1	32	10yr43		Br	SCL	ca	5			4				arable	2	(I)	1	3b	3b	DR
													Crushed soft limestone							
Bcd098-2	45	10yr43		Br	SCL	ca	4			4				arable	2	(I)	1	3b	3b	DR
Bcd098-3	32	75yr44		Br	MSL		2			4				arable	0	I	1	3b	3b	DR
	60	75yr56		St Br	LMS		20			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd098-4	35	10yr43		Br	SCL	ca	3			4				arable	2	(I)	1	3b	3b	DR
Bcd098-5	33	10yr44		Dk Yl Br	MSL		6			4				arable	0	(I)	1	3a	3a	DR
	50	10yr54		Yl Br	MSL		20			4	o	no	Sos							
Bcd098-6	31	10yr43		Br	MSL	ca	3			4				arable	2	(I)	1	3b	3b	DR
	40	75yr44		Br	LMS	ca	3			4	o	no	Small crushed limestone, soft							
Bcd098-7	32	75yr43		Br	LMS		5			4				arable	0	I	1	3a	3a	DR
	60	75yr46		St Br	MSL		10			4	o	no								
Bcd098-8	42	10yr43		Br	MSL	ca	4			4				arable	2	(I)	1	3a	3a	DR
Bcd098-9	38	10yr43		Br	SCL	ca	3			4				arable	2	I	1	3a	3a	DR
	60	75yr44		Br	SCL	ca	3			4	o	no								
Bcd098-10	39	10yr43		Br	SCL	ca	3			4				arable	2	(I)	1	3b	3b	DR
Bcd098-11	36	10yr43		Br	SCL	ca	4			4				arable	2	(I)	1	3b	3b	DR
													Crushed rock for 3cm at bottom							
Bcd098-12	35	10yr43		Br	MSL	ca	2			4				arable	2	(I)	1	3b	3b	DR
Bcd098-13	36	10yr43		Br	MSL	ca	3			4				arable	2	(I)	1	3b	3b	DR
	42	75yr44		Br	LMS	ca	3			4	o	no								
Bcd098-14	36	10yr43		Br	MSL	ca	3			4				arable	2	(I)	1	3b	3b	DR
													Crushed rock for 5cm at bottom							
Bcd098-15	38	10yr43		Br	MSL	ca	3			4				arable	2	(I)	1	3b	3b	DR
													Crushed rock for 3cm at bottom							

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd098-16	33	75yr44		Br	MSL		15		5	4				arable	2	(I)	1	3a	3a	DR
	50	10yr54		Yl Br	MSL		20			4	o	no								
Bcd098-17	39	10yr43		Br	MSL	ca	3			4				arable	2	I	1	3a	3a	DR
	85	10yr43		Br	LMS	ca	2			4	o	no								
Bcd098-18	32	10yr44		Dk Yl Br	LMS		5			4				arable	0	I	1	2	2	DR
	90	10yr46		Dk Yl Br	SCL		5			4	o	no								
Bcd098-19	38	10yr43		Br	MSL	ca	3			4				arable	2	I	1	3b	3b	DR
	58	10yr66		Br Yl	LMS	ca	6			4	o	no								
Bcd098-20	31	10yr44		Dk Yl Br	LMS		5			4				arable	0	(I)	1	3b	3b	DR
	50	10yr43		Br	LMS		10			4	o	no								
Bcd099-1	33	75yr44		Br	MSL	ca	10			4				grassland -	1	(I)	1	3a	3a	DR
	50	10yr54		Yl Br	MSL		15			4	o	no								
Bcd099-2	35	10yr44		Dk Yl Br	SCL	ca	4			4				grassland -	1	(I)	1	3b	3b	DR
	43	75yr54		Br	LCS	ca	3			4	o	no	Flat field							
Bcd099-3	32	10yr44		Dk Yl Br	SCL	ca	4			4				grassland -	1	(I)	1	3b	3b	DR
	49	75yr54		Br	LCS	ca	3			4	o	no								
Bcd099-4	38	10yr44		Dk Yl Br	SCL	ca	5			4				grassland -	1	(I)	1	3b	3b	DR
Bcd099-5	38	10yr44		Dk Yl Br	SCL	ca	4			4				grassland -	1	(I)	1	3b	3b	DR
	44	10yr56		Yl Br	LCS	v ca	15			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd099-6	31	75yr44		Br	MSL		6			4				grassland -	0	(I)	1	3b	3b	DR
	50	75yr44		Br	SCL		25			4	o	no								
Bcd099-7	33	10yr44		Dk Yl Br	SCL	ca	7			4				grassland -	1	(I)	1	3b	3b	DR
	43	75yr54		Br	LCS	ca	3			4	o	no								
Bcd099-8	33	75yr43		Br	MSL	ca	8			4				grassland -	0	I	1	3a	3a	DR
	55	5yr56		Yl Rd	MSL		5			4	o	no								
	65	10yr54		Yl Br	SCL		25			4	o	no								
Bcd099-9	32	10yr44		Dk Yl Br	SCL	ca	5			4				grassland -	1	(I)	1	3b	3b	DR
	43	75yr54		Br	LCS	ca	3			4	o	no								
Bcd099-10	41	10yr44		Dk Yl Br	SCL	ca	5			4				grassland -	1	(I)	1	3b	3b	DR
	43	75yr54		Br	LCS	ca	3			4	o	no								
Bcd099-11	44	10yr44		Dk Yl Br	SCL	ca	6			4				grassland -	1	(I)	1	3b	3b	DR
Bcd099-12	40	75yr44		Br	MSL	ca	6			4				grassland -	5	(I)	1	3a	3a	DR
	50	75yr44		Br	MSL		25			4	o	no								
Bcd100-1	34	75yr34		Dk Br	MSL	ca	7			4				grassland -	2	I	1	2	2	DR
	60	5yr44		Rd Br	SCL		7			4	x	no	Few greyish and yellowish mottles							
	80	5yr44		Rd Br	SCL		3			4	x	no								
Bcd100-2	32	10yr44		Dk Yl Br	SCL	ca	7			4				grassland -	2	I	1	3a	3a	DR
	51	75yr44		Br	CSL	ca	12			4	o	no								
	65	10yr66		Br Yl	LCS	v ca	20			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd100-3	32	75yr34		Dk Br	MSL	ca	13			4				grassland - 4		(I)	1	3b	3b	DR
	45	75yr54		Br	MSL		20			4	o	no								
Bcd100-4	38	10yr44		Dk Yl Br	SCL	ca	4			4				grassland - 2		I	1	3a	3a	DR
	51	75yr44		Br	CSL	ca	3			4	o	no								
	65	10yr66		Br Yl	LCS	v ca	15			4	o	no								
Bcd100-5	33	75yr34		Dk Br	MSL		5			4				grassland - 0		I	1	2	2	DR
	70	75yr44		Br	MSL		20			4	o	no								
Bcd100-6	43	10yr44		Dk Yl Br	SCL	ca	2			4				grassland - 1		(I)	1	3b	3b	DR
	49	10yr66		Br Yl	LCS	ca	20			4	o	no								
Bcd100-7	38	10yr44		Dk Yl Br	SCL	ca	7			4				grassland - 2		I	1	2	2	DR
	72	75yr44		Br	SC	ca	4			4	o	no								
Bcd100-8	32	10yr44		Dk Yl Br	SCL	ca	4			4				grassland - 2		I	1	3a	3a	DR
	58	75yr44		Br	SCL	ca	5			4	o	no								
	68	10yr66		Br Yl	LCS	v ca	15			4	o	no								
Bcd102-1	24	10yr44		Dk Yl Br	SCL		9		5	4				grassland - 1		(I)	1	3b	3b	DR
Bcd102-2	32	5yr44		Rd Br	MSL	ca	15			4				grassland - 3		I	1	2	2	DR
	60	5yr54		Rd Br	MSL		15			4	o	no								
	80	5yr54		Rd Br	SCL		10			4	xx	no								
	120	5yr54		Rd Br	HCL		5			4	xxx	no								
Bcd102-3	30	10yr44		Dk Yl Br	MSL	ca	10			4				grassland - 2		(I)	1	3b	3b	DR
Bcd102-4	34	75yr44		Br	MSL	ca	5			4				grassland - 1		I	1	3a	3a	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
	90	10yr54		Yl Br	LMS		20			4	o	no								
Bcd102-5	36	10yr44		Dk Yl Br	SCL		10			4				grassland - 1		I	1	2	2	DR
	74	10yr46		Dk Yl Br	CSL		5			4		no								
Bcd102-6	34	75yr44		Br	SCL	v ca	15			4				grassland - 1		I	1	3a	3a	DR
	60	5yr44		Rd Br	MSL		20			4		no								
Bcd102-7	39	10yr44		Dk Yl Br	SCL		16		5	4				grassland - 2		(I)	1	3b	3b	DR
Bcd102-8	39	10yr44		Dk Yl Br	SCL		7		5	4				grassland - 4		(I)	1	3b	3b	DR
Bcd102-9	36	10yr44		Dk Yl Br	SCL		12		5	4				grassland - 4		(I)	1	3b	3b	DR
Bcd102-10	47	10yr44		Dk Yl Br	SCL		13	6		4				grassland - 3		(I)	1	3b	3b	DR
Bcd102-11	36	10yr44		Dk Yl Br	SCL		10			4				grassland - 2		(I)	1	3b	3b	DR
Bcd102-12	45	10yr44		Dk Yl Br	SCL		12			4				grassland - 2		(I)	1	3b	3b	DR
Bcd102-13	28	75yr44		Br	MSZL	v ca	25			4				grassland - 2		(I)	1	3b	3b	DR
	45	10yr44		Dk Yl Br	SCL		25			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd102-14	22	10yr44		Dk Yl Br	SCL		12	7	2	4				grassland -	2	(I)	1	3b	3b	DR
Bcd102-15	34	75yr46		St Br	MSL	v ca	15			4				grassland -	5	I	1	3a	3a	DR
	80	10yr54		Yl Br	LMS		5			4	x	no								
Bcd102-16	24	10yr44		Dk Yl Br	SCL		25	11	12	4				grassland -	5	(I)	1	3b	3b	DR
Bcd102-17	32	75yr44		Br	MSL	v ca	15			4				grassland -	2	(I)	1	3b	3b	DR
	35	75yr46		St Br	MSL		50			4	o	no								
Bcd102-18	35	10yr44		Dk Yl Br	SCL		10		5	4				grassland -	2	(I)	1	3b	3b	DR
Bcd102-19	35	10yr44		Dk Yl Br	SCL		5		5	4				grassland -	2	I	1	2	2	DR
	120	75yr44		Br	HCL		1			4	o	no								
Bcd104-1	38	10yr44		Dk Yl Br	SCL	ca	4			4				grassland -	1	(I)	1	3b	3b	DR
	45	10yr66		Br Yl	LCS	v ca	14			4	o	no								
Bcd104-2	32	75yr44		Br	FSL	ca	5			4				grassland -	1	(I)	1	3a	3a	DR
	45	75yr44		Br	FSL		25			4	o	no								
Bcd104-3	33	5yr44		Rd Br	MSL	ca	5			4				grassland -	0	I	1	3a	3a	DR
	60	10yr56		Yl Br	LMS		3			4	o	no								
	65	75yr54		Br	LMS		25			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd104-4	39	10yr44		Dk Yl Br	SCL	ca	6			4				grassland -	1	I	1	3a	3a	DR
	58	75yr44		Br	CSL	ca	15			4	o	no								
	65	10yr66		Br Yl	LCS	v ca	20			4	o	no								
Bcd104-5	34	75yr54		Br	MSL	ca	5			4				grassland -	0	I	1	2	2	DR
	40	10yr54		Yl Br	SCL		10			4	o	no								
	80	5yr44		Rd Br	HCL	ca	10			4	o	no								
Bcd104-6	39	10yr44		Dk Yl Br	SCL	ca	7			4				grassland -	1	(I)	1	3a	3a	DR
	43	10yr44		Dk Yl Br	SCL	ca	6			4	o	no								
Bcd104-7	39	10yr44		Dk Yl Br	SCL	ca	7			4				grassland -	1	(I)	1	3a	3a	DR
	42	10yr44		Dk Yl Br	SCL	ca	7			4	o	no								
Bcd104-8	43	10yr44		Dk Yl Br	SCL	sl ca	3			4				grassland -	1	(I)	1	3a	3a	DR
	49	10yr66		Br Yl	CSL	ca	15			4	o	no								
Bcd105-1	39	10yr44		Dk Yl Br	CSL	ca	6			4				grassland -	1	(I)	1	3b	3b	DR
	47	10yr66		Br Yl	LCS	v ca	18			4	o	no								
Bcd105-2	38	10yr44		Dk Yl Br	CSL	ca	5			4				grassland -	1	(I)	1	3b	3b	DR
	43	10yr66		Br Yl	LCS	v ca	15			4	o	no								
	47	10yr66		Br Yl	LCS	ca	25			4	o	no								
Bcd105-3																				
Bcd105-4	31	75yr54		Br	SCL	ca	5			4				grassland -	0	I	1	3a	3a	DR
	45	5yr44		Rd Br	SCL		10			4	o	no								
	70	5yr44		Rd Br	SCL		25			4	o	no								
Bcd105-5	39	10yr44		Dk Yl Br	CSL	ca	5			4				grassland -	1	(I)	1	3b	3b	DR
	41	10yr44		Dk Yl Br	CSL	ca	5			4	o	no								
	47	10yr66		Br Yl	LCS	ca	25			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd105-6	34	5yr44		Rd Br	SCL	ca	4			4				grassland -	0	(I)	1	3a	3a	DR
	50	5yr56		Yl Rd	SCL		25			4	o	no								
Bcd105-7	38	10yr44		Dk Yl Br	CSL	ca	5			4				grassland -	1	(I)	1	3b	3b	DR
	41	10yr44		Dk Yl Br	CSL	ca	5			4	o	no								
	47	10yr66		Br Yl	LCS	ca	25			4	o	no								
Bcd105-8	32	75yr54		Br	FSZL	ca	5			4				grassland -	0	I	1	1	1	
	70	10yr56		Yl Br	SCL		20			4	o	no								
Bcd105-9	35	10yr44		Dk Yl Br	SCL	ca	5			4				grassland -	2	I	1	2	2	DR
	70	5yr54		Rd Br	MSL		25			4	o	no								
Bcd105-10	41	10yr44		Dk Yl Br	CSL	ca	5			4				grassland -	1	(I)	1	3b	3b	DR
	47	10yr66		Br Yl	LCS	ca	25			4	o	no								
Bcd105-11	41	10yr44		Dk Yl Br	CSL	ca	4			4				grassland -	1	(I)	1	3b	3b	DR
	47	10yr66		Br Yl	LCS	ca	25			4	o	no								
Bcd106-1	39	10yr44		Dk Yl Br	MSL		2			4				grassland -	3	I	1	2	2	DR
	120	10yr56		Yl Br	MSL		0			4	o	no								
Bcd106-2	39	10yr44		Dk Yl Br	CSL		2			4				grassland -	3	I	1	1	1	
	120	75yr44		Br	CSL		2			4	o	no								
Bcd106-3	35	10yr44		Dk Yl Br	SCL		10			4				grassland -	6	(I)	1	3b	3b	DR
Bcd106-4	34	10yr44		Dk Yl Br	SCL		15	10	2	4				arable	3	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd106-5	40	10yr43		Br	MSL		5			4				arable	1	(I)	1	3a	3a	DR
	45	10yr46		Dk Yl Br	SCL		5			4	o	no								
Bcd106-6	32	10yr44		Dk Yl Br	SCL		5			4				arable	1	I	1	2	2	DR
	75	10yr44		Dk Yl Br	HCL		3			4	o	no	Sandy							
Bcd106-7	40	10yr44		Dk Yl Br	SCL	ca	15	11	1	4			Sos	arable	3	(I)	1	3b	3b	DR
Bcd106-8	35	10yr44		Dk Yl Br	SCL		3			4				arable	1	I	1	1	1	
	120	75yr44		Br	CSL		3			4	o	no								
Bcd106-9	40	10yr43		Br	LMS		1			4				arable	3	I	1	3a	3a	DR
	100	75yr43		Br	LMS		1			4	o	no								
Bcd106-10	58	75yr44		Br	SCL		5			4				arable	1	(I)	1	3a	3a	DR
Bcd106-11	39	10yr44		Dk Yl Br	SCL		5			4				arable	1	(I)	1	3a	3a	DR
	47	75yr44		Br	SCL		5			4	o	no								
Bcd106-12	39	75yr44		Br	SCL		5			4				arable	1	(I)	1	3b	3b	DR
Bcd106-13	39	75yr44		Br	SCL		5		2	4				grassland -	1	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd106-14	34	75yr44		Br	SCL		10	10	2	4				grassland -	1	(I)	1	3b	3b	DR
Bcd106-15	39	10yr44		Dk Yl Br	MSL		10	5		4				grassland -	2	I	1	3a	3a	DR
	65	10yr56		Yl Br	LCS		15			9	o	no								
Bcd106-16	33	10yr43		Br	MSL	ca	10			4				grassland -	2	(I)	1	3b	3b	DR
	41	75yr44		Br	LMS	ca	10			4	o	no								
Bcd106-17	39	10yr44		Dk Yl Br	MSL		5			4				grassland -	0	I	1	3a	3a	DR
	55	75yr44		Br	MSL		10			4	o	no								
	65	10yr46		Dk Yl Br	LMS		10			4	o	no								
Bcd107-1	43	10yr44		Dk Yl Br	SCL	ca	4			4				grassland -	1	(I)	1	3b	3b	DR
	55	10yr66		Br Yl	LCS	v ca	5			4	o	no								
Bcd107-2	39	10yr44		Dk Yl Br	SCL	ca	6			4				grassland -	1	(I)	1	3b	3b	DR
Bcd107-3	36	10yr44		Dk Yl Br	CSL	ca	4			4				horticulture	5	(I)	1	3b	3b	DR
	40	10yr66		Br Yl	CSL	ca	3			4	o	no	Sor							
Bcd107-4	34	10yr54		Yl Br	FSL	ca	10			4				grassland -	6	I	1	3a	3a	DR
	50	5yr56		Yl Rd	LMS		5			4	x	no								
	70	75yr54		Br	LMS		25			4	o	no	Sos							
Bcd107-5	43	10yr44		Dk Yl Br	SCL	ca	4			4				grassland -	1	(I)	1	3b	3b	DR
Bcd107-6	36	10yr44		Dk Yl Br	LMS	ca	5			4				grassland -	0	I	1	3a	3a	DR
	60	5yr44		Rd Br	MSL		5			4	o	no								
	75	75yr64		Li Br	LMS		5			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd107-7	30	10yr44		Dk Yl Br	SCL	ca	3			4				grassland -	7	I	1	3a	3a	DR
	98	75yr44		Br	CS	ca	3			4	o	no								
Bcd107-8	38	10yr44		Dk Yl Br	SCL	ca	4			4				grassland -	13	(I)	1	3a	4	GR
	48	75yr44		Br	SCL	ca	4			4	o	no								
Bcd107-9	28	10yr44		Dk Yl Br	MSL	v ca	7			4				grassland -	6	(I)	1	3b	3b	DR
Bcd107-10	32	10yr44		Dk Yl Br	MSL	v ca	10			4				grassland -	6	I	1	3a	3a	DR
	78	10yr66		Br Yl	CS	v ca	2			4	o	no								
Bcd107-11	30	10yr44		Dk Yl Br	MSL	ca	15			4				grassland -	4	(I)	1	3a	3a	DR
	50	75yr44		Br	SCL		15			4	o	no								
Bcd107-12	32	10yr44		Dk Yl Br	SCL	v ca	9			4				grassland -	4	I	1	3a	3a	DR
	57	10yr66		Br Yl	LMS	v ca	10			4	o	no								
Bcd107-13	34	75yr46		St Br	MSL		2			4				grassland -	8	I	1	2	3a	GR
	100	5yr44		Rd Br	MSL		10			4	o	no								
Bcd107-14	38	10yr44		Dk Yl Br	MSL	v ca	4			4				grassland -	15	(I)	1	3b	4	GR
Bcd108-1	34	10yr44		Dk Yl Br	SCL	ca	15			4				grassland -	5	(I)	1	3a	3a	DR
	50	5yr44		Rd Br	FSL		25			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd108-2	34	10yr44		Dk Yl Br	SCL	sl ca	3			4				arable	0	I	1	2	2	DR
	80	10yr56		Yl Br	SCL		5			4	o	no								
Bcd108-3	38	10yr44		Dk Yl Br	SCL	sl ca	5			4				arable	0	I	1	2	2	DR
	68	10yr34	75yr46	Dk Yl Br + S	SCL-SC		4			4	xx	no								
Bcd108-4	47	10yr44		Dk Yl Br	SCL		6			4				arable	0	(I)	1	3a	3a	DR
Bcd108-5	38	10yr33		Dk Br	SCL		9			4				arable	3	(I)	1	3b	3b	DR
Bcd108-6	28	10yr44		Dk Yl Br	SCL		8			4				arable	4	(I)	1	3b	3b	DR
Bcd108-7	34	10yr44		Dk Yl Br	SCL		3			4				arable	1	(I)	1	2	2	DR
	76	75yr44		Br	SCL		2			4	xx	no								
Bcd108-8	34	10yr44		Dk Yl Br	SCL	ca	16		15	4				arable	6	(I)	1	3b	3b	DR
	40	10yr44		Dk Yl Br	SCL	ca	30			4	o	no								
Bcd108-9	32	10yr43		Br	SCL	v ca	2			4				arable	6	I	1	3a	3a	DR
	56	10yr83		V Pl Br	SCL	v ca	25			4	o	no								
Bcd108-10	38	75yr44		Br	SCL	ca	5			4				arable	2	I	1	2	2	DR
	60	75yr56		St Br	FSL		10			4	o	no								
	100	75yr56		St Br	SCL		5			4	o	no								
Bcd108-11	34	10yr43		Br	SCL	v ca	3			4				arable	8	I	1	2	2	DR
	55	5yr46		Yl Rd	SCL		5			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
	100	5yr46		Yl Rd	SCL	v ca	15			4	o	no								
Bcd108-12	31	10yr44		Dk Yl Br	MSL	ca	12			4				arable	5	I	1	3a	3a	DR
	60	10yr44		Dk Yl Br	MSL		26			4	o	no								
Bcd108-13	27	10yr43		Br	SCL	v ca	5			4				arable	6	(I)	1	3a	3a	DR
	55	5yr44		Rd Br	SCL		5			4	o	no								
Bcd108-14	36	10yr43		Br	SCL	v ca	3			4				arable	5	I	1	2	2	DR
	84	5yr46		Yl Rd	SCL		2			4	o	no								
Bcd108-15	35	10yr54		Yl Br	MSL	ca	15		12	4				arable	10	(I)	1	3a	3b	GR
	50	10yr54		Yl Br	MSL	ca	25			4	o	no								
Bcd108-16	27	10yr43		Br	SCL	v ca	3			4				arable	6	(I)	1	3b	3b	DR
	44	75yr56		St Br	SCL		2			4	o	no								
Bcd109-1	33	75yr34		Dk Br	FSL		15		8	4				arable	2	I	1	2	2	DR, ST
	70	75yr34		Dk Br	FSL		10			4	o	no								
	80	10yr64		Li Yl Br	FSL	ca	55			4	o	no								
Bcd109-2																				
Bcd109-3	33	10yr43		Br	SCL	v ca	5			4				arable	2	(I)	1	3b	3b	DR
	45	10yr43		Br	SCL	v ca	10			4	o	no								
Bcd109-4	36	10yr46		Dk Yl Br	SCL	ca	15		8	4				arable	2	I	2	3a	3a	DR
	60	10yr66		Br Yl	SCL	ca	25			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd109-5	28	10yr43		Br	SCL	v ca	2			4				arable	2	(I)	1	3b	3b	DR
	45	10yr56		Yl Br	SCL	v ca	7			4	o	no								
Bcd110-1	37	10yr44		Dk Yl Br	SCL	v ca	7	6		4				arable	2	(I)	1	3b	3b	DR
Bcd110-2	34	75yr44		Br	MCL	ca	7			4				arable	3	I	1	3a	3a	DR
	60	10yr64		Li Yl Br	MCL		25			4	o	no								
Bcd110-3	39	10yr44		Dk Yl Br	SCL	v ca	6			4				arable	2	I	1	2	2	DR
	43	10yr44		Dk Yl Br	SCL	v ca	6			4	o	no								
	75	10yr56		Yl Br	MSL	v ca	6			4	o	no								
Bcd110-4	32	10yr44		Dk Yl Br	MSL		5			4				arable	0	I	1	3a	3a	DR
	100	10yr44		Dk Yl Br	LMS		2			4	o	no								
Bcd110-5	39	10yr44		Dk Yl Br	SCL	v ca	5			4			Sor	arable	2	(I)	1	3b	3b	DR
Bcd110-6	45	10yr44		Dk Yl Br	SCL	v ca	15			4				arable	2	(I)	1	3b	3b	DR
Bcd110-7	45	10yr44		Dk Yl Br	SCL	v ca	10			4				arable	2	(I)	1	3b	3b	DR
Bcd110-8	30	25y43		Ol Br	HCL	v ca	6			4				arable	2	II	2	2	2	WE,DR
	60	25y54		Li Ol Br	C	v ca	15			4	xx(x)	no	Crumbly structure, faint mottles,							
	90	25y53		Li Ol Br	C	v ca	6			4	xxxx	yes	heavily fissured and cracked							
Bcd110-9	34	75yr54		Br	MCL		15			4				arable	2	I	2	3a	3a	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
	70	10yr56		Yl Br	SCL		5			4	xx(x)	no	Yellow with Large reddish brown mottles							
Bcd110-10	42	10yr44		Dk Yl Br	SCL	v ca	20	6		4				arable	2	(I)	1	3b	3b	DR
Bcd110-11	35	75yr44		Br	MCL	ca	20		5	4				arable	1	(I)	1	3b	3b	DR
	45	75yr44		Br	MCL		55			4	o	no								
Bcd110-12	39	10yr44		Dk Yl Br	SCL	v ca	18			4				arable	2	(I)	1	3a	3a	DR
	48	10yr44		Dk Yl Br	SCL	v ca	18			4	o	no								
Bcd110-13	45	10yr44		Dk Yl Br	SCL	v ca	30	6		4				arable	2	(I)	1	3b	3b	DR
Bcd110-14	43	10yr44		Dk Yl Br	SCL	v ca	30	6		4				arable	2	(I)	1	3b	3b	DR
Bcd111a-1	39	25y52		Gr Br	SCL	v ca	3	3		4				arable	2	I	1	3b	3b	DR
Bcd111a-2	34	25y33		Dk Ol Br	MCL		4			4				arable	2	I	1	2	2	DR
	60	10yr58		Yl Br	SCL		1			5	x	no	FMC							
	100	10yr58		Yl Br	LMS		1			5	x	no								
Bcd111a-3	28	25y42		Dk Gr Br	HZCL	v ca	5	5		4				arable	2	I	2	3b	3b	DR
Bcd111a-4	30	25y42		Dk Gr Br	HZCL	v ca	7	6	1	4				arable	2	I	2	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd111a-5	39	25y33		Dk Ol Br	C	v ca	4	4		4				arable	2	III	3a	1	3a	WE
	75	25y42	5yr56	Dk Gr Br +	C	v ca	7			4	xxxx	yes	Red mott and fmc							
	120	5y63	10yr64	Pl Ol + Li Yl	C	v ca	2			4	xxxx	yes								
Bcd111a-6	28	5y52		Ol Gr	HCL	(ca)	1			4				arable	3	III	3a	1	3a	WE
	100	5y72		Li Gr	C		1			4	xxxx	yes	Fmcs							
Bcd111a-7	30	25y33		Dk Ol Br	C	v ca	3	3		4				arable	2	III	3a	1	3a	WE
	70	25y53		Li Ol Br	C	v ca	2			4	xxxx	yes								
	120	5y63	10yr64	Pl Ol + Li Yl	C	v ca	2			4	xxxx	yes								
Bcd111a-8	29	25y44		Ol Br	HCL	(ca)	2			4				arable	6	III	3a	1	3a	WE
	70	25y64		Li Yl Br	C		1			4	xxx	yes	Fmcs							
	90	25y53		Li Ol Br	MCL		20			4	xxx	yes								
Bcd111a-9	28	25y43		Ol Br	HCL	v ca	3	3		4				arable	2	I	2	1	2	WE
	90	25y54		Li Ol Br	HCL	v ca	7			4	xx(x)	no								
Bcd111b-1	29	25y54		Li Ol Br	HCL	(ca)	1			4				arable	6	III	3a	2	3a	WE
	100	25y62		Li Br Gr	C		1			1	xxx	yes	Saturated with water							
Bcd111b-2	36	10yr33		Dk Br	C	ca	2			4				arable	1	II	2	2	2	DR
	47	10yr44		Dk Yl Br	C		3			9	x	no	Fmc							
	68	10yr53		Br	C		2			4	xxx	yes								
Bcd111b-3	38	25y43		Ol Br	HCL	(ca)	2			4				arable	1	III	3a	2	3a	WE
	50	25y53		Li Ol Br	HCL		1			4	xxx	yes								
	90	25y73		Pl Br	C		20			4	xxxx	yes	Water on top of limestone bedrock							
Bcd111b-4	36	10yr33		Dk Br	C	ca	2			4				arable	1	II	2	2	2	WE, DR
	52	10yr46		Dk Yl Br	C		3			9	xx	no								
	75	10yr64		Li Yl Br	C		2			9	xxx	yes								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd111b-5	35	10yr34		Dk Yl Br	C	ca	1			4				arable	1	II	2	2	2	WE, DR
	45	10yr46		Dk Yl Br	C		5			4	xx	no								
	80	10yr61		Gr	C		0			4	xxxx	yes								
Bcd111b-6	33	10yr32		V Dk Gr Br	C	ca	0			4				arable	1	II	2	2	2	WE, DR
	45	10yr44		Dk Yl Br	C		0			4	o	no								
	80	10yr64	10yr53	Li Yl Br + Br	C		1			4	xxx	yes								
Bcd111b-7	39	10yr33		Dk Br	C	ca	2			4				arable	1	(II)	2	2	2	WE, DR
	62	10yr46		Dk Yl Br	C		1			9	xx	no								
Bcd111b-8	45	10yr33		Dk Br	C	ca	2			4				arable	1	I	2	2	2	WE
	60	10yr64		Li Yl Br	C		5			9	x	no								
	75	10yr64		Li Yl Br	C		2			4	xxx	no								
	90	10yr66		Br Yl	C		0			4	x	no								
Bcd111b-9	41	10yr33		Dk Br	C	ca	5			4				arable	1	(I)	2	3a	3a	DR
Bcd111b-10	35	25y54		Li Ol Br	HCL	(ca)	1			1				arable	2	III	3a	2	3a	WE
	90	5y52		Ol Gr	C		1			9	xxxx	yes								
Bcd111b-11	36	10yr43		Br	C	ca	2			4				arable	1	III	3a	2	3a	WE,DR
	53	10yr64		Li Yl Br	C		3			4	xxx	no								
	80	10yr61		Gr	C		1			4	xxxx	yes								
Bcd111b-12	37	25y44		Ol Br	HCL	(ca)	2			2				arable	2	III	3a	2	3a	WE
	60	5y62		Li Ol Gr	C		1			4	xxx	yes	Fmcs							
	100	5y72		Li Gr	C		2			4	xxx	yes	Fmcs, bands of weathered lst							
Bcd111b-13	36	10yr33		Dk Br	C	ca	3			4				arable	1	(II)	2	2	2	WE, DR
	48	10yr64		Li Yl Br	C		3			9	xx	no								
	62	10yr64		Li Yl Br	C		7			9	xxx	no								
Bcd111b-14	32	25y44		Ol Br	HCL	(ca)	5			4				arable	2	III	3a	3a	3a	WE, DR
	55	25y64		Li Yl Br	HCL		10			4	xxx	yes								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd111b-15	Unable to survey due to crop																			
Bcd111b-16	39	10yr33		Dk Br	C	ca	5			4				arable	1	(I)	2	3a	3a	DR
	52	10yr64		Li Yl Br	C		15			9	xx	no	Sos							
Bcd111b-17	36	10yr33		Dk Br	C	ca	2			4			Sos	arable	1	(I)	2	3b	3b	DR
Bcd111b-18	29	25y54		Li Ol Br	HCL	(ca)	2			1				arable	2	III	3a	2	3a	WE
	40	5y61		Gr	HCL		1			9	xxx	yes								
	60	25y52		Gr Br	MCL		10			8	xxxx	no								
	80	5y62		Li Ol Gr	HCL		5			4	xxxx	yes								
Bcd111b-19	Unable ot survey due to crop																			
Bcd111b-20	38	25y44		Ol Br	HCL	(ca)	5			1				arable	0	III	3a	2	3a	WE
	60	5y62		Li Ol Gr	HCL		4			4	xxx	yes								
	90	5y52		Ol Gr	C		4			4	xxxx	yes	Standing water table							
Bcd111b-21	40	10yr33		Dk Br	C	ca	5			4				arable	1	(II)	2	3a	3a	DR
Bcd111b-22	37	25y44		Ol Br	MCL	(ca)	10			4				arable	1	III	3a	3a	3a	WE,DR
	50	25y63		Li Yl Br	HCL		15			4	xxx	yes	Water standing on limestone after recent heavy rain							
Bcd111b-23	36	10yr33		Dk Br	C	ca	2			4				arable	1	(II)	2	3a	3a	DR
	50	10yr64		Li Yl Br	C		3			9	xx(x)	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd111b-24	34	10yr43		Br	C	ca	1			4				arable	1	(I)	2	3a	3a	DR
	45	10yr64		Li Yl Br	C		15			4	xx	no	Crumbled limestone							
Bcd111b-25	35	10yr33		Dk Br	C	ca	2			4				arable	1	(II)	2	2	2	WE, DR
	60	10yr64		Li Yl Br	C		2			9	xx	no								
Bcd111b-26	35	10yr33		Dk Br	C	ca	2			4				arable	1	(II)	2	2	2	WE, DR
	51	10yr64		Li Yl Br	C		3			9	xx	no								
Bcd111b-27	35	10yr33		Dk Br	C	ca	2			4				arable	1	(I)	2	3b	3b	DR
													Crumbled limestone							
Bcd114-1	38	10yr34		Dk Yl Br	MSL		15	2		4				arable	3	(I)	1	3b	3b	DE
	44	75yr44		Br	MSL		15			4	o	no								
Bcd114-2	31	10yr43		Br	MSL	ca	5			4				arable	5	(I)	1	3a	3a	DR
	47	10yr56		Yl Br	LMS	ca	3			4	o	no	Soft, crushed limestone							
Bcd114-3	38	10yr43		Br	MSL		10			4				arable	4	(I)	1	3b	3b	DR
	46	10yr46		Dk Yl Br	MSL		5			4	o	no	Soft, crushed limestone							
Bcd114-4	32	10yr43		Br	MSL	ca	5			4				arable	5	(I)	1	3a	3a	DR
	47	10yr74		V Pl Br	LMS	ca	5			4	o	no	Soft, crushed limestone							
BCd114-5	38	10yr43		Br	MSL	ca	5			4				arable	6	(I)	1	3a	3a	DR
	50	10yr74		V Pl Br	LMS	ca	5			4	o	no	Soft, crushed limestone							
Bcd114-6	34	10yr43		Br	MSL	ca	5			4				arable	6	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
	47	10yr74		V Pl Br	LMS	ca	5			4	o	no	Soft, crushed limestone							
Bcd114-7	38	10yr43		Br	MSL	ca	6			4				arable	8	(I)	1	3b	3b	DR
Bcd114-8	39	10yr44		Dk Yl Br	MSL		5			4				arable	1	(I)	1	3a	3a	DR
	50	75yr44		Br	SCL		2			4	o	no	Soft, crushed limestone							
Bcd114-9	32	10yr43		Br	MSL	ca	4			4				arable	4	(I)	1	3b	3b	DR
	40	75yr44		Br	LMS	ca	15			4	o	no	Soft, crushed limestone							
Bcd114-10	38	10yr34		Dk Yl Br	MSL		20	2		4				arable	0	(I)	1	3b	3b	DR
	45	10yr44		Dk Yl Br	MSL		20			4	o	no	Soft, crushed limestone							
Bcd114-11	32	10yr43		Br	MSL	ca	4			4				arable	4	(I)	1	3a	3a	DR
	54	75yr44		Br	MSL	ca	3			4	o	no	Soft, crushed limestone							
Bcd114-12	33	10yr43		Br	MSL	ca	10			4				arable	4	(I)	1	3b	3b	DR
	45	75yr44		Br	LMS	ca	15			4	o	no	Small crushed limestone, soft, sor							
Bcd115-1	34	10yr44		Dk Yl Br	MSL	v ca	12			4				grassland -	10	(I)	1	3b	3b	DR
	39	10yr74		V Pl Br	LMS	v ca	8			4	o	no								
Bcd115-2	38	10yr44		Dk Yl Br	MSL	v ca	3			4				grassland -	12	(I)	1	3b	3b	DR
	95	75yr44		Br	MS	v ca	7			4	o	no								
Bcd115-3	34	10yr44		Dk Yl Br	SCL	v ca	5			4				grassland -	4	(I)	1	3a	3a	DR
	48	10yr74		V Pl Br	MSL	v ca	20			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd115-4	34	75yr44		Br	MSL	ca	10			4				grassland -	6	(I)	1	3a	3a	DR
	50	75yr44		Br	MSL		25			4	o	no								
Bcd115-5	35	10yr43		Br	MSL	v ca	4			4				grassland -	10	(I)	1	3b	3b	DR
	46	75yr44		Br	MSL	v ca	5			4	o	no								
Bcd115-6	32	75yr44		Br	MSL	ca	20			4				grassland -	9	(I)	1	3b	3b	DR
	45	10yr56		Yl Br	LMS		25			4	o	no								
Bcd115-7	31	10yr44		Dk Yl Br	SCL	v ca	3			4				grassland -	3	(I)	1	3b	3b	DR
	36	10yr74		V Pl Br	LMS	v ca	7			4	o	no								
Bcd115-8	38	75yr44		Br	LMS	ca	4			4				grassland -	1	(I)	1	3b	3b	DR
	55	75yr46		St Br	LMS		25			4	o	no								
Bcd115-9	36	10yr44		Dk Yl Br	MSL	v ca	7			4				grassland -	7	(I)	1	3b	3b	DR
Bcd115-10	38	10yr44		Dk Yl Br	MSL	v ca	13			4				grassland -	7	(I)	1	3b	3b	DR
Bcd115-11	32	10yr44		Dk Yl Br	MSL	v ca	13			4				grassland -	7	(I)	1	3b	3b	DR
Bcd115-12	34	10yr44		Dk Yl Br	SCL	v ca	12			4				grassland -	1	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd115-13	30	10yr46		Dk Yl Br	LMS	ca	10			4				grassland -	4	I	1	3b	3b	DR
	60	10yr66		Br Yl	LMS		15			4	o	no								
Bcd115-14	32	10yr44		Dk Yl Br	SCL	v ca	3			4				grassland -	3	I	1	3b	3b	DR
	63	10yr74		V Pl Br	MS	v ca	2			4	o	no								
Bcd115-15	32	75yr44		Br	SCL	ca	15		5	4				grassland -	1	I	1	3b	3b	DR
	60	10yr56		Yl Br	LMS		20			4	o	no	Sos							
Bcd115-16	33	10yr44		Dk Yl Br	SCL	v ca	5			4				grassland -	2	(I)	1	3b	3b	DR
	51	10yr74		V Pl Br	LMS	v ca	2			4	o	no								
Bcd115-17	39	10yr44		Dk Yl Br	MSL	v ca	9			4				grassland -	12	(I)	1	3b	3b	DR
Bcd115-18	37	10yr44		Dk Yl Br	SCL	v ca	4			4				grassland -	3	(I)	1	3b	3b	DR
	43	75yr54		Br	SCL	v ca	6			4	o	no								
Bcd115-19	34	10yr44		Dk Yl Br	SCL	v ca	7			4				grassland -	2	(I)	1	3b	3b	DR
Bcd115-20	35	10yr44		Dk Yl Br	SCL	v ca	5			4				grassland -	1	(I)	1	3b	3b	DR
Bcd115-21	38	10yr44		Dk Yl Br	SCL	v ca	10			4				grassland -	5	(I)	1	3b	3b	DR
Bcd115-22	35	75yr44		Br	LMS	ca	10			4				grassland -	3	I	1	3b	3b	DR
	60	25y56		Li Ol Br	LMS		40			4	xx	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd115-23	36	10yr44		Dk Yl Br	SCL	v ca	2			4				grassland -	2	(I)	1	3b	3b	DR
Bcd115-24	32	75yr44		Br	MSL	ca	5			4				grassland -	1	I	1	3a	3a	DR
	60	75yr46		St Br	MSL		25			4	o	no								
Bcd118-1	30	75yr44		Br	MSZL	ca	8			4				grassland -	2	I	1	3b	3b	DR
	45	10yr54		Yl Br	SCL		12			4	o	no								
Bcd118-2	27	75yr44		Br	SCL	ca	7			4				grassland -	1	(I)	2	3b	3b	DR
Bcd118-3	33	10yr44		Dk Yl Br	SCL	ca	12			4				grassland -	0	(I)	1	3a	3a	DR
	50	75yr44		Br	SCL	ca	25			4	o	no								
Bcd118-4	30	75yr44		Br	HCL	ca	7			4				grassland -	1	(I)	2	3b	3b	DR
Bcd118-5	30	75yr44		Br	SCL	ca	8			4				grassland -	1	(I)	2	3b	3b	DR
Bcd118-6	36	75yr44		Br	SCL	ca	5			4				grassland -	1	(I)	2	3b	3b	DR
Bcd118-7	34	75yr44		Br	SCL	ca	20			4				grassland -	0	(I)	1	3a	3a	DR
	50	5yr44		Rd Br	FSL		20			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd118-8	25	75yr44		Br	HCL	ca	12			4				grassland -	1	(I)	2	3b	3b	DR
Bcd118-9	32	10yr44		Dk Yl Br	SCL	ca	15			4				grassland -	0	I	1	3a	3a	DR
	70	5y54		Ol	LMS	ca	25			4	x	no								
Bcd118-10	32	75yr44		Br	HCL	ca	10			4				grassland -	1	(I)	2	3b	3b	DR
Bcd118-11	32	10yr44		Dk Yl Br	FSL	ca	15			4				grassland -	1	(I)	1	3b	3b	DR
	40	10yr54		Yl Br	FSL	ca	30			4	o	no								
Bcd118-12	30	75yr44		Br	HCL	ca	10			4				grassland -	1	(I)	2	3b	3b	DR
Bcd120-1	35	75yr54		Br	MCL	ca	10			4				arable	0	I	1	3a	3a	DR
	60	10yr54		Yl Br	SCL		30			4	o	no								
Bcd120-2	30	75yr44		Br	SCL	ca	10		5	4				arable	1	(I)	1	3a	3a	DR
	50	10yr64		Li Yl Br	C		3			9	xx(x)	no								
Bcd120-3	44	5yr54		Rd Br	MCL	ca	10			4				arable	0	(I)	1	3b	3b	DR
	45	5yr54		Rd Br	Other		30			4	o	no								
Bcd120-4														arable						
Bcd120-5	32	75yr44		Br	SCL	ca	5		5	4				arable	1	(I)	1	3a	3a	DR
	50	10yr64		Li Yl Br	C		3			9	xx(x)	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd120-6	41	75yr44		Br	HCL	ca	5			9				arable	1	(I)	2	3a	3a	DR
	50	10yr64		Li Yl Br	C		3			9	xx(x)	no								
Bcd120-7	32	10yr44		Dk Yl Br	MCL	ca	10			4				arable	0	I	1	3a	3a	DR
	60	5yr54		Rd Br	MCL		15			4	o	no								
	70	10yr44		Dk Yl Br	SCL		30			4	o	no								
Bcd120-8	39	75yr44		Br	SCL	ca	5		5	4				arable	1	(I)	1	3a	3a	DR
	50	10yr46		Dk Yl Br	MSL		5			4	o	no								
Bcd120-9	30	75yr44		Br	HCL	ca	15		5	4				arable	1	(I)	2	3a	3a	DR
	50	10yr64		Li Yl Br	C		3			9	xx(x)	no								
Bcd120-10	27	75yr44		Br	HCL	ca	15		5	4				arable	1	(I)	2	3a	3a	DR
	50	10yr64		Li Yl Br	C		3			9	xx(x)	no								
Bcd120-11	30	75yr44		Br	HCL	ca	10		5	4				arable	1	(I)	2	3a	3a	DR
	50	10yr64		Li Yl Br	C		3			9	xx(x)	no								
Bcd120-12	35	10yr54		Yl Br	HCL		2			4				arable	0	III	3a	2	3a	WE
	100	5gy52		Gr Gn	C		1			4	xxxx	yes	Standing water on surface, top soil saturated							
Bcd123-1	33	10yr44		Dk Yl Br	FSL	ca	10			4				arable	0	(I)	1	3a	3a	DR
	50	10yr56		Yl Br	MSL		30			4	o	no								
Bcd123-2	38	10yr44		Dk Yl Br	SCL	v ca	4			4				grassland -	2	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd123-3	32	75yr44		Br	FSL	ca	10			4				arable	1	(I)	1	3b	3b	DR
Bcd123-4	35	10yr44		Dk Yl Br	SCL	v ca	4			4				grassland -	2	(I)	1	3b	3b	DR
Bcd123-5	32	75yr44		Br	SCL	ca	10		10	4				arable	0	(I)	1	3b	3b	DR
	50	10yr44		Dk Yl Br	SCL	ca	35			4	o	no								
Bcd123-6	32	10yr44		Dk Yl Br	SCL	v ca	3			4				grassland -	2	(I)	1	3b	3b	DR
Bcd123-7	39	10yr44		Dk Yl Br	SCL	v ca	3			4				grassland -	2	(I)	1	3b	3b	DR
Bcd123-8	39	10yr44		Dk Yl Br	SCL	v ca	3			4				grassland -	2	(I)	1	3b	3b	DR
	45	75yr44		Br	SCL	v ca	3			4	o	no								
Bcd123-9	43	10yr44		Dk Yl Br	SCL	v ca	3			4				grassland -	2	(I)	1	3b	3b	DR
Bcd123-10	39	10yr44		Dk Yl Br	SCL	v ca	4			4				grassland -	2	(I)	1	3b	3b	DR
Bcd123-11	34	75yr44		Br	SCL	ca	15		10	4				grassland -	0	I	1	3b	3b	DR
	60	10yr54		Yl Br	SCL		30			4	o	no								
Bcd123-12	36	10yr44		Dk Yl Br	SCL	v ca	6			4				grassland -	2	I	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd123-13	33	75yr44		Br	SCL	ca	15		8	4				grassland - 1	I	1	3a	3a	DR	
	60	5yr44		Rd Br	SCL	ca	25			4	o	no	Sos							
Bcd123-14	35	10yr44		Dk Yl Br	SCL	v ca	4			4				grassland - 2	(I)	1	3a	3a	DR	
	55	75yr44		Br	SCL	v ca	4			4	o	no								
Bcd127-1	35	10yr44		Dk Yl Br	MSL	v ca	6			4				grassland - 6	II	2	3b	3b	DR	
	43	75yr44		Br	LMS	v ca	4			4	o	no								
Bcd127-2	35	10yr43		Br	CSL	v ca	5			4				grassland - 3	I	1	3b	3b	DR	
	46	10yr72		Li Gr	LCS	v ca	5			4	o	no								
Bcd127-3	32	10yr44		Dk Yl Br	MSL	v ca	3			4				grassland - 6	II	2	3a	3a	DR	
	47	10yr32	10yr74	V Dk Gr Br	LMS	v ca	3			4	o	no								
	80	10yr74		V Pl Br	LMS	v ca	15			4	o	no								
Bcd127-4	33	10yr46		Dk Yl Br	SCL	v ca	5			4				grassland - 4	(I)	1	3b	3b	DR	
Bcd127-5	37	10yr44		Dk Yl Br	MSL	v ca	5			4				grassland - 5	II	2	3b	3b	DR	
	47	10yr74		V Pl Br	LMS	v ca	3			4	o	no								
Bcd127-6	32	10yr44		Dk Yl Br	SCL	v ca	4			4				grassland - 5	II	2	3b	3b	DR	
	44	75yr44		Br	MSL	v ca	5			4	o	no								
Bcd127-7	31	10yr44		Dk Yl Br	SCL	v ca	4			4				grassland - 1	II	2	3b	3b	DR	
	45	75yr44		Br	MSL	v ca	7			4	o	no	Soft crushed limestone. Almost chalk, powdery							
Bcd127-8	39	10yr44		Dk Yl Br	MSL	v ca	5			4				grassland - 1	II	2	3b	3b	DR	
Bcd127-9	38	75yr44		Br	MSL	ca	5			4				grassland - 0	(I)	1	3b	3b	DR	

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
	41	10yr64		Li Yl Br	CSL		7			4	o	no								
	56	10yr54		Yl Br	CSL		40			4	o	no								
Bcd127-10	35	10yr44		Dk Yl Br	SCL	v ca	5			4				grassland - 1		II	2	3b	3b	DR
Bcd127-11	36	75yr44		Br	MSL	ca	1			4				grassland - 0		(I)	1	3a	3a	DR
	70	25yr46		Rd	LMS		0			4	o	no								
	80	5yr44		Rd Br	SCL		0			4	o	no								
Bcd127-12	34	10yr44		Dk Yl Br	SCL	v ca	3			4				grassland - 1		II	2	3a	3a	DR
	50	75yr44		Br	SCL	v ca	3			4	o	no								
Bcd127-13	36	10yr44		Dk Yl Br	SCL	v ca	2			4				grassland - 1		II	2	3a	3a	DR
	50	75yr44		Br	MSL	v ca	4			4	o	no								
Bcd127-14	38	75yr44		Br	MSL	ca	5			4				grassland - 0		(I)	1	3a	3a	DR
	62	10yr58		Yl Br	CSL		5			4	o	no								
Bcd127-15	35	10yr44		Dk Yl Br	SCL	v ca	2			4				grassland - 1		II	2	3b	3b	DR
	49	10yr74		V Pl Br	LMS	v ca	3			4	o	no								
Bcd127-16	38	75yr44		Br	MSL	ca	5			4				grassland - 0		(I)	1	3b	3b	DR
	41	75yr44		Br	MSL		7			4	o	no								
Bcd127-17	30	10yr44		Dk Yl Br	SCL	v ca	3			4				grassland - 1		II	2	3a	3a	DR
	57	75yr44		Br	SCL	v ca	3			4	o	no								
Bcd127-18	34	10yr44		Dk Yl Br	SCL	v ca	4			4				grassland - 1		II	2	3a	3a	DR
	56	75yr44		Br	SCL	v ca	5			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd128-1	38	10yr43		Br	MSL		5			4				arable	0	(I)	1	3b	3b	DR
	50	10yr66		Br Yl	CSL		5			4	o	no								
Bcd128-2	40	10yr44		Dk Yl Br	SCL	ca	2			4				arable	0	I	1	3a	3a	DR
	70	10yr66		Br Yl	MSL		5			4	o	no								
Bcd128-3	40	10yr43		Br	MSL		10			4				arable	0	(I)	1	3b	3b	DR
Bcd128-4	38	10yr44		Dk Yl Br	SCL	sl ca	2			4				arable	0	I	1	3a	3a	DR
	63	10yr66		Br Yl	FSL		10			4	o	no								
Bcd128-5	41	10yr44		Dk Yl Br	SCL	sl ca	1			4				arable	0	I	1	2	2	DR
	52	75yr44		Br	SCL		2			4	o	no								
	100	10yr66		Br Yl	MSL		10			4	o	no								
Bcd128-6	35	10yr44		Dk Yl Br	SCL	sl ca	1			4				arable	0	I	1	2	2	DR
	50	75yr44		Br	SCL		5			4	x	no								
	65	5yr46		Yl Rd	SCL		8			4	o	no								
	80	10yr66		Br Yl	FSL		9			4	o	no								
Bcd128-7	38	10yr44		Dk Yl Br	SCL	sl ca	2			4				arable	0	I	1	3a	3a	DR
	66	5yr56		Yl Rd	SCL		5			4	o	no								
	75	10yr66		Br Yl	MSL		10			4	o	no								
Bcd128-8	36	10yr44		Dk Yl Br	SCL	sl ca	8			4				arable	0	(I)	1	3b	3b	DR
Bcd128-9	40	10yr44		Dk Yl Br	MSL		5			4				arable	0	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd128-10	39	10yr44		Dk Yl Br	SCL	sl ca	2			4				arable	0	I	1	2	2	DR
	70	5yr56		Yl Rd	SCL		5			4	o	no								
	80	10yr66		Br Yl	MSL		15			4	o	no								
Bcd128-11	44	10yr43		Br	MSL		5			4				arable	0	I	1	3a	3a	DR
	65	10yr66		Br Yl	CSL		2			4	x	no								
Bcd128-12	35	10yr44		Dk Yl Br	SCL	ca	2			4				arable	0	(I)	1	3a	3a	DR
	50	10yr56		Yl Br	SCL		15			4	o	no								
Bcd128-13	35	10yr43		Br	MSL		5			4				arable	0	(I)	1	3b	3b	DR
	49	10yr66		Br Yl	MSL		20			4	o	no								
Bcd128-14	39	10yr44		Dk Yl Br	SCL	ca	1			4				arable	0	I	1	3a	3a	DR
	63	10yr56		Yl Br	SCL		15			4	o	no								
Bcd128-15	39	10yr44		Dk Yl Br	SCL	sl ca	2			4				arable	0	(I)	1	3b	3b	DR
Bcd128-16	35	10yr44		Dk Yl Br	SCL	sl ca	1			4				arable	0	I	1	3a	3a	DR
	62	10yr56		Yl Br	SCL		5			4	o	no								
	80	10yr68		Br Yl	SCL		10			4	o	no								
Bcd128-17	36	10yr44		Dk Yl Br	SCL	ca	1			4				arable	0	(I)	1	3a	3a	DR
	47	10yr56		Yl Br	MSL		10			4	o	no								
Bcd128-18	37	10yr44		Dk Yl Br	SCL	ca	2			4				arable	0	(I)	1	3a	3a	DR
	45	10yr56		Yl Br	MSL		10			4	o	no								
Bcd128-19	35	10yr44		Dk Yl Br	SCL	ca	3			4				arable	0	(I)	1	3a	3a	DR
	50	10yr56		Yl Br	MSL		5			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd128-20	40	10yr43		Br	MSL		5			4				arable	0	(I)	1	3b	3b	DR
Bcd128-21	37	10yr44		Dk Yl Br	SCL	sl ca	2			4				arable	0	I	1	3a	3a	DR
	48	10yr66		Br Yl	MSL		10			4	o	no								
	60	10yr66		Br Yl	MSL		15			4	o	no								
Bcd128-22	40	10yr43		Br	MSL		5			4				arable	1	I	1	3a	3a	DR
	60	10yr66		Br Yl	MSL		5			4	o	no								
Bcd128-23	35	10yr34		Dk Yl Br	SCL	sl ca	5			4				arable	0	I	1	3a	3a	DR
	51	5yr56		Yl Rd	SCL		5			4	o	no								
	80	10yr66		Br Yl	LMS		10			4	o	no								
Bcd129-1	33	10yr44		Dk Yl Br	SCL	sl ca	10			4				arable	1	(I)	1	3b	3b	DR
	45	10yr58		Yl Br	SCL		5			4	x	no								
Bcd129-2	39	10yr44		Dk Yl Br	SCL	ca	7			4				arable	1	(I)	1	3b	3b	DR
Bcd129-3	32	75yr44		Br	SCL	ca	10		50	4				arable	1	(I)	1	3b	3b	DR
	45	75yr54		Br	SCL	ca	30			4	o	no								
Bcd129-4	33	75yr44		Br	SCL	ca	10			4				arable	0	I	1	3a	3a	DR
	45	75yr54		Br	SCL	ca	10			4	o	no								
	70	75yr54		Br	SCL		20			4	o	no								
Bcd129-5	35	10yr44		Dk Yl Br	SCL		4			4				arable	1	(I)	1	3b	3b	DR
	40	10yr64		Li Yl Br	SCL		10			4	x	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd129-6	35	10yr44		Dk Yl Br	SCL		12			4				arable	1	(I)	1	3b	3b	DR
Bcd138-1	38	10yr43		Br	SCL	sl ca	5			4				arable	0	(I)	1	3b	3b	DR
	48	10yr66		Br Yl	SCL		18			4	o	no								
Bcd138-2	33	10yr43		Br	MSL		10			4				arable	0	(I)	1	3b	3b	DR
	45	10yr66		Br Yl	CSL		10			4	o	no								
Bcd138-3	38	10yr43		Br	SCL	sl ca	2			4				arable	0	(I)	1	3b	3b	DR
	45	10yr66		Br Yl	SCL		25			4	o	no								
Bcd138-4	40	10yr43		Br	MSL		5			4				arable	0	(I)	1	3b	3b	DR
Bcd138-5	35	10yr43		Br	SCL	sl ca	3			4				arable	0	(I)	1	3a	3a	DR
	56	10yr66		Br Yl	MSL		25			4	o	no								
Bcd138-6	38	10yr43		Br	SCL	sl ca	1			4				arable	0	I	1	3a	3a	DR
	55	75yr46		St Br	SCL		3			4	o	no								
	65	10yr66		Br Yl	MSL		25			4	o	no								
Bcd138-7	38	10yr43		Br	SCL	sl ca	3			4				arable	0	I	1	2	2	DR
	55	75yr46		St Br	SCL		2			4	o	no								
	100	10yr66		Br Yl	LMS		2			4	o	no								
Bcd138-8	39	10yr43		Br	SCL	sl ca	3			4				arable	0	I	1	3a	3a	DR
	56	75yr46		St Br	SCL		3			4	o	no								
	73	10yr66		Br Yl	MSL		10			4	o	no								
Bcd138-9	40	10yr43		Br	MSL		10			4				arable	0	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd139-1	20	10yr44		Dk Yl Br	HCL		20	16		4				arable	0	(III)	3a	3b	3b	DR, ST
Bcd139-2	39	10yr44		Dk Yl Br	SCL	sl ca	5			4				arable	1	(I)	1	3b	3b	DR
Bcd139-3	39	10yr44		Dk Yl Br	SCL	sl ca	5			4				arable	1	I	1	3a	3a	DR
	55	10yr54		Yl Br	SCL		15			4	o	no								
	70	10yr66		Br Yl	LFS		2			4	o	no								
Bcd139-4	38	10yr44		Dk Yl Br	HCL	sl ca	5			4				arable	1	(I)	1	3b	3b	DR
Bcd139-5	33	10yr44		Dk Yl Br	MCL	sl ca	5			4				arable	1	(I)	1	3b	3b	DR
Bcd139-6	42	10yr44		Dk Yl Br	HCL	sl ca	5			4			FMC	arable	1	(I)	1	3b	3b	DR
Bcd139-7	33	10yr44		Dk Yl Br	MSL		10			4				arable	0	I	1	3a	3a	DR
	62	10yr46		Dk Yl Br	CSL		7			4	o	no								
Bcd139-8	38	10yr44		Dk Yl Br	SCL	sl ca	4			4				arable	1	(I)	1	3a	3a	DR
	50	10yr54		Yl Br	SCL		25			4	o	no								
Bcd139-9	42	10yr44		Dk Yl Br	MSL		8			4				arable	0	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd139-10	33	10yr44		Dk Yl Br	HCL	sl ca	5			4				arable	1	(I)	1	3b	3b	DR
Bcd139-11	44	10yr44		Dk Yl Br	HCL		3			4				arable	1	(I)	2	3b	3b	
Bcd140-1	39	25y42		Dk Gr Br	C		0							arable	1	III	3a	2	3a	WE
	65	25y53		Li Ol Br	C		0				xxxx	yes								
Bcd140-2	27	10yr44		Dk Yl Br	HCL	v ca	3		0	4				grassland -	2	(I)	2	3b	3b	DR
	34	10yr56		Yl Br	HCL		11			4	x	no								
Bcd140-3	35	25y42		Dk Gr Br	C	ca	0							grassland -	0	III	3a	2	3a	WE
	75	25y53		Li Ol Br	C		0				xxx	yes								
Bcd140-4	33	10yr44		Dk Yl Br	C	ca	0						FMC	grassland -	0	III	3a	2	3a	WE
	120	5y71		Li Gr	C		0				xxxx	yes								
Bcd140-5	28	10yr43		Br	C	ca	3			4				grassland -	1	(I)	2	3b	3b	DR
	34	10yr54		Yl Br	C	ca	10			4	x	no	V firm							
Bcd140-6	26	10yr43		Br	C	ca	5			4				grassland -	1	II	2	2	2	DR
	48	10yr54		Yl Br	C	ca	50			4	x	no								
	71	25y62		Li Br Gr	C	ca	5			4	xxx	yes								
	120	25y51		Gr	C	ca	2			4	xxx	yes								
Bcd140-7	29	10yr43		Br	C	ca	10	8	3	4				grassland -	1	II	2	2	2	WE,DR
	66	10yr52	10yr51	Gr Br + Gr	C	ca	10			4	xxx	no								
	120	25y51		Gr	C	ca	5			4	xxx	yes								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Bcd140-8	30	25y42		Dk Gr Br	C	ca	0							arable	0	III	3a	2	3a	WE
	60	25y53		Li Ol Br	C		0				xxx	yes								
Bcd140-9	25	10yr44		Dk Yl Br	C	v ca	2	0	0	4				grassland -	0	I	2	2	2	WE,DE
	62	25y64		Li Yl Br	C	v ca	12			4	xxx	no								
Bcd140-10	34	10yr43		Br	HCL	ca	0							grassland -	0	II	2	2	2	WE, DR
	46	25y66		Ol Yl	HCL		0				xx	no								
	54	25y66	10yr52	Ol Yl + Gr B	HCL		0				xxx	yes								
Bcd140-11	25	10yr44		Dk Yl Br	C	v ca	12	1	0	4				grassland -	0	II	2	2	2	WE, DR
	47	25y43		Ol Br	C	v ca	16			4	xx	no								
	92	25y53		Li Ol Br	C		1			4	xxx	yes								
Bcd141-1	24	10yr44		Dk Yl Br	HCL	ca	1		0	4			FMC	grassland -	1	(I)	1	2	2	DR
	50	10yr46		Dk Yl Br	HCL		5			4	x	no								
Bcd141-2	37	25y43		Ol Br	HCL	v ca	1			4				grassland -	0	III	3a	2	3a	WE
	52	25y64		Li Yl Br	HZCL		2			9	xxx	yes								
Bcd141-3	28	10yr43		Br	HCL	v ca	4			4			FMC	grassland -	0	I	2	2	2	WE, DR
	45	10yr54		Yl Br	HCL	v ca	8			4	x	no	FMC							
	80	10yr56	10yr61	Yl Br + Gr	HCL		20			4	xxx	no								
Bcd141-4	34	10yr44		Dk Yl Br	HCL	v ca	5		0	4				grassland -	1	(I)	1	3b	3b	DR
Bcd141-5	35	10yr43		Br	HCL	ca	0							grassland -	1	I	2	2	2	WE,DR
	75	10yr44		Dk Yl Br	C		0				o	no								
	95	10yr53		Br	HCL		1			4	xxx	yes								
Bcd141-6	23	5y32		Dk Ol Gr	C	v ca	0	1	0	4				grassland -	0	III	3a	2	3a	WE
	85	5y71		Li Gr	C	ca	0			4	xxxx	yes								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
	92	25y53		Li Ol Br	C		1			4	xxx	yes	FMC							
Tb3-1	38	75yr44		Br	MSL		5			4				grassland - 3		I	1	3a	3a	DR
	44	10yr54		Yl Br	CSL		2			4	o	no								
	59	10yr64		Li Yl Br	CSL		30			4	o	no								
Tb3-2	36	75yr44		Br	SCL		10		5	4				grassland - 6		(I)	1	3a	3a	DR
	45	10yr64		Li Yl Br	CSL		15			4	o	no								
Tb3-3	39	75yr44		Br	MSL		5			4				grassland - 2		I	1	3a	3a	DR
	43	10yr54		Yl Br	CSL		10			4	o	no								
	58	10yr61		Gr	CSL		25			4	o	no								
Tb3-4	34	75yr44		Br	SCL		12		5	4				grassland - 4		(I)	1	3b	3b	DR
Tb3-5	30	75yr44		Br	SCL		15			4				grassland - 6		(I)	1	3b	3b	DR
Tb3-6	34	75yr44		Br	SCL		15	6		4				grassland - 4		(I)	1	3b	3b	DR
Tb3-7	34	75yr44		Br	SCL		10			4				grassland - 6		(I)	1	3b	3b	DR
Tb3-8	36	75yr44		Br	SCL		10			4				grassland - 5		(I)	1	3b	3b	DR
Tb3-9	38	75yr44		Br	MSL		7			4				grassland - 3		I	1	3a	3a	DR
	53	10yr54		Yl Br	CSL		20			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Tb3-10	27	75yr44		Br	SCL		10			4				grassland -	3	(I)	1	3b	3b	DR
Tb3-11	39	75yr44		Br	MSL		5			4				grassland -	3	I	1	2	2	DR
	75	10yr54		Yl Br	CSL		5			4	o	no								
Tb3-12	27	75yr44		Br	SCL		10			4				grassland -	5	(I)	1	3b	3b	DR
Tb3-13	32	75yr44		Br	SCL		15		7	4				grassland -	4	(I)	1	3b	3b	DR
Tb3-14	29	75yr44		Br	SCL		14		5	4				grassland -	6	(I)	1	3b	3b	DR
Tb3-15	35	75yr44		Br	SCL		15	1		4				grassland -	3	(I)	1	3b	3b	DR
Tb3-16	25	75yr44		Br	SCL		10			4				grassland -	6	(I)	1	3b	3b	DR
Tb3-17	36	75yr44		Br	MSL		7			4				grassland -	3	I	1	3a	3a	DR
	42	10yr54		Yl Br	CSL		7			4	o	no								
	56	10yr64		Li Yl Br	CSL		20			4	o	no								
Tb3-18	30	75yr44		Br	SCL		5			4				grassland -	2	(I)	1	3b	3b	DR
	45	10yr64		Li Yl Br	SCL		20			9	o	no								
Tb3-19	38	75yr44		Br	MSL		7			4				grassland -	3	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
	42	10yr54		Yl Br	CSL		7			4	o	no								
Tb3-20	36	75yr44		Br	SCL		3			4				grassland -	1	(I)	1	3b	3b	DR
Tb3-21	24	75yr44		Br	SCL		5			4				grassland -	2	(I)	1	3b	3b	DR
Tb3-22	38	75yr44		Br	MSL		5			4				grassland -	2	(I)	1	3b	3b	DR
	43	10yr54		Yl Br	CSL		3			4	o	no								
Tb4-1	35	10yr44		Dk Yl Br	MSL		7			4				arable	3	(I)	1	3b	3b	DR
	42	10yr66		Br Yl	MSL		25			4	o	no								
Tb4-2	35	10yr43		Br	MSL	ca	6			4				arable	5	(I)	1	3b	3b	DR
	41	75yr44		Br	LMS	ca	6			4	o	no								
Tb4-3	34	10yr43		Br	MSL	ca	5			4				arable	5	(I)	1	3b	3b	DR
Tb4-4	38	10yr34		Dk Yl Br	MSL		15			4				arable	4	(I)	1	3b	3b	DR
Tb4-5	30	10yr43		Br	MSL	ca	4			4				arable	7	(I)	1	3b	3b	DR
	44	10yr74		V Pl Br	LMS	ca	2			4	o	no								
Tb4-6	39	10yr43		Br	MSL	ca	5			4				arable	3	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Tb4-7	42	10yr44		Dk Yl Br	MSL		12	6	2	4				arable	2	(I)	1	3b	3b	DR
Tb4-8	39	10yr43		Br	MSL	ca	10			4				arable	10	(I)	1	3b	3b	DR
Tb4-9	37	10yr44		Dk Yl Br	MSL		10	2		4				arable	3	(I)	1	3b	3b	DR
Tb4-10	34	10yr43		Br	MSL	ca	4			4				arable	5	(I)	1	3b	3b	DR
Tb4-11	35	10yr43		Br	MSL	ca	3			4				arable	4	(I)	1	3b	3b	DR
Tb4-12	40	10yr44		Dk Yl Br	MSL		5			4				arable	1	(I)	1	3b	3b	DR
Tb4-13	32	10yr43		Br	MSL	ca	4			4				arable	3	(I)	1	3b	3b	DR
Tb4-14	39	10yr44		Dk Yl Br	MSL		15			4				arable	2	(I)	1	3b	3b	DR
Tb4-15	35	10yr43		Br	MSL	ca	4			4				arable	6	(I)	1	3b	3b	DR
	45	10yr74	75yr44	V Pl Br + Br	LMS	ca	3			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Tb4-16	28	10yr43		Br	MSL	ca	4			4				arable	8	(I)	1	3b	3b	DR
	42	10yr74		V Pl Br	LMS	ca	3			4	o	no								
Tb4-17	40	10yr44		Dk Yl Br	MSL		5			4				arable	2	I	1	3a	3a	DR
	58	10yr46		Dk Yl Br	MSL		10			4	o	no								
Tb4-18	28	10yr43		Br	LMS	ca	5			4				arable	3	(I)	1	3b	3b	DR
	45	10yr74		V Pl Br	LMS	ca	5			4	o	no								
Tb4-19	39	10yr43		Br	MSL		5			4				arable	2	(I)	1	3b	3b	DR
Tb4-20	36	10yr43		Br	MSL	ca	4			4				arable	6	(I)	1	3b	3b	DR
	45	10yr74	75yr44	V Pl Br + Br	LMS	ca	3			4	o	no								
Tb4-21	32	10yr43		Br	MSL	ca	4			4				arable	6	(I)	1	3b	3b	DR
	45	75yr44	10yr74	Br + V Pl Br	MSL	ca	3			4	o	no								
Tb4-22	43	10yr44		Dk Yl Br	MSL		6			4				arable	1	(I)	1	3b	3b	DR
Tb5-1	37	75yr44		Br	MSL		10			4				grassland -	3	(I)	1	3a	3a	DR
	52	10yr54		Yl Br	CSL		10			4	o	no								
Tb5-2	40	10yr44		Dk Yl Br	SCL	sl ca	2			4				grassland -	0	(I)	1	3a	3a	DR
	60	25y64		Li Yl Br	CSL	v ca	38			4	o	no								
Tb5-3	27	10yr44		Dk Yl Br	SCL	v ca	1			4				grassland -	0	(I)	1	3a	3a	DR
	55	10yr56		Yl Br	CSL	v ca	6			4	o	no								

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Tb5-4	39	75yr44		Br	MSL		7			4				grassland - 1		(I)	1	3a	3a	DR
	54	10yr54		Yl Br	CSL		30			4	o	no								
Tb5-5	33	75yr43		Br	MSL	ca	4			4				grassland - 1		(I)	1	3a	3a	DR
	40	10yr54		Yl Br	CSL	ca	5			4	o	no								
	52	10yr56		Yl Br	CSL	ca	30			4	o	no								
Tb5-6	36	75yr44		Br	MSL		7			4				grassland - 2		(I)	1	3b	3b	DR
	42	10yr54		Yl Br	CSL		7			4	o	no								
Tb5-7	27	75yr43		Br	MSL	ca	4			4				grassland - 1		(I)	1	3b	3b	DR
	35	10yr54		Yl Br	CSL	ca	20			4										
Tb5-8	25	10yr43		Br	MSL	ca	4			4				grassland - 1		(I)	1	3b	3b	DR
Tb5-9	25	75yr44		Br	MSL	ca	15	12		4				grassland - 1		(I)	1	3b	3b	DR
Tb5-10	25	75yr43		Br	MSL	ca	10	8		4				grassland - 1		(I)	1	3b	3b	DR
Tb5-11	38	75yr44		Br	MSL		10			4				grassland - 0		(I)	1	3a	3a	DR
	55	10yr54		Yl Br	CSL		7			4	o	no								
Tb5-12	25	75yr43		Br	MSL	ca	4			4				grassland - 1		(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
Tb5-13	38	75yr44		Br	MSL		5			4				grassland -	1	(I)	1	3b	3b	DR
	43	10yr54		Yl Br	CSL		7			4	o	no								
Tb5-14	30	75yr43		Br	MSL	ca	12	8		4				grassland -	1	(I)	1	3b	3b	DR
Tb5-15	39	75yr44		Br	MSL		7			4				grassland -	0	(I)	1	3a	3a	DR
	54	10yr54		Yl Br	CSL		10			4	o	no								
Tb5-16	30	10yr43		Br	MSL	ca	6			4				grassland -	1	(I)	1	3b	3b	DR
Tb5-17	25	10yr43		Br	MSL	ca	10			4				grassland -	1	(I)	1	3b	3b	DR
Tb5-18	30	10yr43		Br	SCL	v ca	8			4				grassland -	1	(I)	1	3b	3b	DR
Tb5-19	39	10yr44		Dk Yl Br	SCL	sl ca	3			4				grassland -	0	(I)	1	3b	3b	DR
Tb5-20	30	10yr43		Br	SCL	v ca	8			4				grassland -	1	(I)	1	3b	3b	DR
Tb5-21	44	10yr44		Dk Yl Br	SCL		3			4				grassland -	0	(I)	1	2	2	DR
	94	75yr44		Br	FSL		1			4	o	no								
W1-1	27	75yr43		Br	MSL	ca	15			4				arable	1	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
W1-2	25	75yr43		Br	MSL	ca	15			4				arable	1	(I)	1	3b	3b	DR
W1-3	29	75yr44		Br	MSL	ca	12			4				arable	1	(I)	1	3b	3b	DR
W1-4	33	75yr34		Dk Br	MSL	ca	10			4				arable	1	(I)	1	3b	3b	DR
W1-5	31	75yr44		Br	MSL	ca	15			4				arable	1	(I)	1	3b	3b	DR
W1-6	33	75yr43		Br	MSL	ca	10			4				arable	1	I	1	3b	3b	DR
	76	75yr64		Li Br	LCS	ca	7			4	o	no								
W1-7	30	75yr43		Br	MSL	ca	14			4				arable	1	(I)	1	3b	3b	DR
W1-8	33	75yr43		Br	MSL	ca	14			4				arable	1	(I)	1	3b	3b	DR
W1-9	31	75yr43		Br	MSL	ca	14			4				arable	1	(I)	1	3b	3b	DR
W1-10	30	75yr34		Dk Br	MSL	ca	10			4				arable	1	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
W1-11	36	75yr43		Br	MSL	ca	10			4				arable	1	(I)	1	3b	3b	DR
W1-12	30	75yr44		Br	MSL	ca	12			4				arable	1	(I)	1	3b	3b	DR
W1-13	37	75yr34		Dk Br	MSL	ca	7			4				arable	1	(I)	1	3b	3b	DR
W1-14	29	75yr44		Br	MSL	ca	10			4				arable	1	(I)	1	3b	3b	DR
W1-15	32	75yr44		Br	MSL	ca	14			4				arable	1	(I)	1	3b	3b	DR
W1-16	28	75yr44		Br	MSL	ca	10			4				arable	1	(I)	1	3b	3b	DR
W1-17	29	75yr34		Dk Br	MSL	ca	14			4				arable	1	(I)	1	3b	3b	DR
W1-18	34	75yr43		Br	MSL	ca	14			4				arable	1	(I)	1	3b	3b	DR
W1-19	29	75yr44		Br	MSL	ca	12			4				arable	1	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
W1-20	33	10yr43		Br	MSL	v ca	10	5		4				arable	1	(I)	1	3b	3b	DR
W1-21	33	10yr43		Br	MSL	ca	7		0	4				arable	1	(I)	1	3a	3a	DR
	49	10yr56		Yl Br	MSL	ca	4			4	o	no								
W1-22	36	10yr43		Br	MSL	v ca	4	5	1	4				arable	1	(I)	1	3a	3a	DR
	54	10yr64		Li Yl Br	MSL		20			4	o	no								
W1-23	33	10yr43		Br	CSL	v ca	7	10	5	4				arable	1	(I)	1	3b	3b	DR
W1-24	34	75yr44		Br	MSL	ca	10			4				arable	1	(I)	1	3b	3b	DR
W1-25	38	10yr43		Br	MSL	ca	15			4				arable	1	(I)	1	3b	3b	DR
W1-26	33	75yr44		Br	MSL	ca	12			4				arable	1	(I)	1	3b	3b	DR
W1-27	35	10yr43		Br	MSL	ca	8	5	1	4				arable	2	(I)	1	3b	3b	DR
W1-28	29	75yr44		Br	MSL	ca	10			4				arable	1	(I)	1	3b	3b	DR
W1-29	31	10yr43		Br	MSL	ca	9	10	1	4				arable	2	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
W1-30	35	10yr44		Dk Yl Br	SCL	ca	8			4				arable	0	(I)	1	2	2	DR
	52	10yr56		Yl Br	FSL	v ca	6			4	o	no								
W1-31	33	10yr43		Br	MSL	ca	16	5	1	4				arable	1	(I)	1	3b	3b	DR
W1-32	25	10yr34		Dk Yl Br	SCL	ca	10	1	1	4				arable	1	(I)	1	3b	3b	DR
W1-33	24	10yr44		Dk Yl Br	MSL	ca	8	1	1	4				arable	1	(I)	1	3b	3b	DR
W1-34	25	10yr44		Dk Yl Br	MSL	ca	10	1	1	4				arable	1	(I)	1	3b	3b	DR
W1-35	46	75yr44		Br	LMS	ca	8	1	0	4				arable	1	(I)	1	3b	3b	DR
W1-36	33	10yr44		Dk Yl Br	MSL	ca	8	2	1	4				arable	1	(I)	1	3b	3b	DR
W1-37	30	75yr44		Br	MSL	ca	10			4				arable	1	(I)	1	3b	3b	DR
W1-38	28	10yr34		Dk Yl Br	SCL	ca	12	2	1	4				arable	1	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
W1-39	32	10yr43		Br	SCL	ca	10			4				arable	1	(I)	1	3b	3b	DR
W1-40	26	10yr44		Dk Yl Br	MSL	ca	9	2	1	4				arable	1	(I)	1	3b	3b	DR
W1-41	24	10yr43		Br	SCL	ca	12	3	1	4				arable	1	(I)	1	3b	3b	DR
W2-1	27	75yr44		Br	CSL	ca	15	12		4				arable	1	(I)	1	3b	3b	DR
	38	10yr46		Dk Yl Br	CSL	ca	30			4	o	no								
W2-2	32	75yr44		Br	MSL	ca	10			4				arable	1	(I)	1	3b	3b	DR
W2-3	36	75yr44		Br	CSL	ca	15	12		4				arable	1	(I)	1	3b	3b	DR
W2-4	30	75yr44		Br	CSL	ca	6	8		4				arable	1	I	1	3a	3a	DR
	46	10yr46		Dk Yl Br	CSL	ca	5			4	o	no								
	59	10yr46		Dk Yl Br	CSL	ca	25			4	o	no								
W2-5	26	75yr44		Br	CSL	ca	5	8		4				arable	1	I	1	3a	3a	DR
	58	5yr44		Rd Br	CSL	ca	5			4	o	no								
	64	5yr44		Rd Br	CSL	ca	25			4	o	no								
W2-6	25	75yr44		Br	MSL	ca	10			4				arable	1	(I)	1	3b	3b	DR
W2-7	27	75yr44		Br	CSL	ca	12	8		4				arable	1	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
W2-8	31	75yr44		Br	MSL	ca	10			4				arable	1	(I)	1	3b	3b	DR
W2-9	32	75yr44		Br	CSL	ca	7			4				arable	1	(I)	1	3b	3b	DR
W2-10	25	75yr44		Br	CSL	ca	25	20		4				arable	1	I	1	3b	3b	DR
W2-11	26	75yr43		Br	CSL	ca	15	8		4				arable	1	(I)	1	3b	3b	DR
W2-12	25	75yr44		Br	CSL	ca	15			4				arable	1	(I)	1	3b	3b	DR
W2-13	26	75yr44		Br	MSL	ca	12			4				arable	1	(I)	1	3b	3b	DR
W2-14	25	75yr44		Br	CSL	ca	25	18		4				arable	1	(I)	1	3b	3b	DR
W2-15	28	75yr44		Br	MSL	ca	10			4				arable	1	(I)	1	3b	3b	DR
E1-1	32	10yr53		Br	MSL	v ca	10	5	1	4				arable	1	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
E1-2	29	10yr53		Br	MSL	v ca	15	10	1	4				arable	1	(I)	1	3b	3b	DR
E1-3	21	75yr44		Br	SCL	ca	5	2	1	4				arable	1	(I)	1	3b	3b	DR
E1-4	26	75yr44		Br	MSL	ca	6	5	1	4				arable	1	II	2	1	3a	WE
	47	25y43		Ol Br	C	v ca	8			4	xx	no								
	92	25y53		Li Ol Br	C		1			4	xxx	yes								
E1-5	35	75yr44		Br	MSL	ca	5	2	1	4				arable	1	III	2	1	2	WE
	47	25y53		Li Ol Br	C	v ca	8			4	xxx	no								
	92	25y53		Li Ol Br	C		1			4	xxx	yes								
E1-6	26	10yr53		Br	MSL	v ca	5			4				arable	1	(I)	1	3a	3a	DR
	50	5yr44		Rd Br	MSL		10			4	x	no								
E1-7	27	10yr53		Br	SCL	v ca	8			4				arable	1	I	1	2	2	DR
	52	75yr46		St Br	SCL		1			4	o	no								
	110	75yr46	10yr64	St Br + Li Yl	SCL		1			4	xxx	no								
E1-8	18	75yr44		Br	SCL	v ca	7	5	1	4				arable	1	(I)	1	3b	3b	DR
E1-9	36	75yr43		Br	SCL	ca	9	2	1	4				arable	1	II	2	1	2	WE
	47	25y43		Ol Br	C	v ca	16			4	xx	no								
	92	25y53		Li Ol Br	C		1			4	xxx	yes								
E1-10	35	10yr53		Br	MSL	v ca	5			4				arable	1	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
E1-11	30	10yr53		Br	MSL	ca	10			4				arable	1	(I)	1	3b	3b	DR
E1-12	23	75yr44		Br	SCL	v ca	9	7	2	4				arable	1	II	2	2	2	WE
	47	25y43		Ol Br	C	v ca	8			4	xx	no								
	92	25y53		Li Ol Br	C		1			4	xxx	yes								
E1-14	27	10yr53		Br	MSL	ca	5			4				arable	2	(I)	1	3a	3a	DR
	50	75yr46		St Br	MSL		1			4	o	no								
E1-15	21	10yr53		Br	MSL	ca	15	10	1	4				arable	1	(I)	1	3b	3b	DR
E1-16	31	75yr44		Br	SCL	ca	12	10	2	4				arable	1	II	2	2	2	WE
	47	25y43		Ol Br	C	v ca	16			4	xx	no								
	92	25y53		Li Ol Br	C		1			4	xxx	yes								
E1-13	28	10yr53		Br	MSL	v ca	5	5	1	4				arable	1	(I)	1	3b	3b	DR
E1-17	28	10yr53		Br	MSL	ca	10			4				arable	2	(I)	1	3b	3b	DR
E1-18	38	10yr43		Br	SCL	v ca	5			4				arable	1	I	1	3a	3a	DR
	72	75yr44		Br	SCL		1			4	o	no								
E2-1	33	25y32		V Dk Gr Br	C		3			4				arable	2	III	3a	1	3a	WE
	80	25y53	25y61	Li Ol Br + G	C		0				xxx	yes								
E2-2	27	10yr44		Dk Yl Br	HCL	ca	5			4				arable	2	(I)	2	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
E2-3	25	10yr43		Br	HCL	v ca	15			4				arable	3	(I)	2	3b	3b	DR
E2-4	29	10yr43		Br	HCL	ca	4			4				arable	1	(I)	2	3b	3b	DR
E2-5	32	10yr44		Dk Yl Br	C	ca	3	3	1	4				arable	0	III	3a	2	3a	WE
	85	25y71		Li Gr	C		0				xxxx	yes								
E2-6	28	25y43		Ol Br	HCL	v ca	7			4				arable	1	II	2	1	2	WE
	35	25y54		Li Ol Br	C		4			4	xx	no								
	62	25y54	25y61	Li Ol Br + G	C		3			4	xxx	no								
	110	25y51	10yr61	Gr + Gr	C		1			4	xxx	yes								
E2-7	25	10yr43		Br	HCL	v ca	15			4				arable	3	(I)	2	3b	3b	DR
E2-8	26	10yr43		Br	C	ca	8			4				arable	1	II	2	1	2	WE
	56	10yr64	10yr62	Li Yl Br + Li	C	ca	3			4	xxx	no								
	73	10yr62	10yr64	Li Br Gr + Li	C	ca	3			4	xxx	yes								
E2-9	32	10yr44		Dk Yl Br	C	ca	3	3	1	4				arable	0	(I)	2	3b	3b	DR
E2-10	32	25yr43		Rd Br	HCL	ca	10			4				arable	2	II	2	1	2	DR
	44	25yr53		Rd Br	C	v ca	5			4	o	no								
	70	25y51		Gr	C		0				xxx	yes								
	110	25y52		Gr Br	C		1			4	xxx	yes								
E2-11	35	25yr63		Li Rd Br	HCL	v ca	15			4				arable	2	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
E2-12	26	10yr43		Br	C	ca	8			4				arable	1	II	2	1	2	WE
E2-13	20	10yr42		Dk Gr Br	C	ca	20			4				arable	1	(I)	2	3b	3b	DR
E2-14	25	10yr43		Br	HCL	ca	15			4				arable	1	(I)	1	3b	3b	DR
E1a-1	22	25y44		Ol Br	MCL	ca	10	10	5	4				arable	0	III	2	1	2	WE
	58	10yr53		Br	HCL		6			4	xxx	no								
	92	25y53		Li Ol Br	C		1			4	xxx	yes								
E1a-2	35	25yr31		Dk Rd Gr	HCL	(ca)	0							arable	1	III	3a	1	3a	WE
	50	75yr51		Gr	C		2			4	xxx	no								
	90	25y31		V Dk Gr	C		0				xxx	yes								
E1a-3	27	10yr44		Dk Yl Br	MCL	ca	7			4				arable	1	II	2	1	2	WE
	48	25y54		Li Ol Br	HCL		4			4	xx	no								
	74	25y83		Pl Br	HCL		4			4	xxx	no								
	100	25y54	10yr61	Li Ol Br + G	C		2			4	xxx	yes								
E1a-4	35	25yr31		Dk Rd Gr	HCL		0							arable	1	II	2	3b	3b	DR
E1a-5	31	10yr42		Dk Gr Br	C	ca	5			4				arable	1	III	3a	1	3a	WE
	55	10yr53		Br	C	ca	5			4	xxx	no								
	100	25y52		Gr Br	C	ca	5			4	xxx	yes								
E1a-6	35	25yr31		Dk Rd Gr	HCL	(ca)	0							arable	1	II	2	1	2	WE
E1a-7	35	25y43		Ol Br	HCL	(ca)	3			4				arable	2	III	3a	1	3a	WE

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
	58	10yr53		Br	HCL		6			4	xxx	no								
	92	25y53		Li Ol Br	C		1			4	xxx	yes								
E1a-8	28	10yr42		Dk Gr Br	C	ca	5			4				arable	3	III	3a	1	3a	WE
	55	10yr53		Br	C	ca	3			4	xxx	no								
	70	25y52		Gr Br	C	ca	1			4		yes								
E1a-9	15	10yr44		Dk Yl Br	MCL	v ca	12			4				arable	1	II	2	1	2	WE
	48	25y54		Li Ol Br	HCL		4			4	xx	no								
	74	25y83		Pl Br	HCL		4			4	xxx	no								
	100	25y54	10yr61	Li Ol Br + G	C		2			4	xxx	yes								
E1a-10	28	10yr44		Dk Yl Br	SCL	ca	3	1	0	4				arable	1	II	2	2	2	WE, DR
	51	75yr46		St Br	MSL		0			4	o	no								
	92	25y53		Li Ol Br	C		1			4	xxx	yes								
E1a-11	27	10yr42		Dk Gr Br	C	ca	5			4				arable	1	II	2	1	2	WE
	64	75yr44		Br	C	ca	1			4	o	no								
	100	25y62	10yr51	Li Br Gr + G	C	ca	5			4	xxx	yes								
E1a-12	25	25y42		Dk Gr Br	C	ca	5			4				arable	1	II	2	1	2	WE
	48	10yr44		Dk Yl Br	C	ca	3			4	x	no								
	120	10yr51		Gr	C	ca	2			4	xxx	yes								
E1a-13	36	25y43		Ol Br	HCL	(ca)	0							arable	1	II	2	1	2	WE
	51	25y66		Ol Yl	MCL		0				xx(x)	no								
	95	5y53	5gy62	Ol + Li Gr G	C		2			4	xxxx	yes								
E1a-14	29	25y43		Ol Br	HCL	v ca	5			4				arable	2	II	2	2	2	WE, DR
	48	25y54		Li Ol Br	HCL		5			4	xx	no								
	74	25y83		Pl Br	HCL		5			4	xx	no								
	100	25y54	10yr61	Li Ol Br + G	C		3			4	xxx	yes								
E1a-15	27	10yr42		Dk Gr Br	C	ca	5			4				arable	1	II	2	3b	3b	DR
													Very firm							
E1a-16	23	10yr44		Dk Yl Br	SCL	sl ca	8			4				arable	0	(I)	1	3b	3b	DR

Name	Depth	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
E1a-17	36	25y43		Ol Br	HCL		0							arable	1	II	2	3b	3b	DR
E1a-18	25	10yr44		Dk Yl Br	C	ca	5			4				arable	1	(I)	2	3a	3a	DR
	42	10yr58		Yl Br	C	ca	10			4	o	no								
E1a-19	35	25y33		Dk Ol Br	HCL		0							arable	2	III	3a	1	3a	WE
	85	25y53	10yr51	Ol Br + Gr	C		0				xxx	yes								
E1a-20	29	10yr43		Br	HCL	ca	2			4										
	47	10yr53		Br	C		1			4	xxx	yes		arable	1	III	3a	1	3a	WE
E1a-21	25	10yr43		Br	SCL	ca	5			4				arable	1	(I)	1	3a	3a	DR
	45	75yr46	75yr44	St Br + Br	SCL	ca	5			4	o	no								

Appendix A cont. Auger data from land surveyed in 2024

Name	Depth (cm)	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
1	39	10yr44		Dk Yl Br	SCL	ca	10			4				arable	0	I	1	3a	3a	DR
	56	10yr46		Dk Yl Br	SCL	ca	35			4	o	no	56 Sos, added 30cm limestone seems crumbly							
	86	10yr46		Dk Yl Br	SCL	ca	45			4	o	no	Sos 56							
2	34	10yr44		Dk Yl Br	SCL	ca	8			4				arable	1	I	1	3a	3a	DR
	49	10yr46		Dk Yl Br	SCL	ca	35			4	o	no	Sos							
	79	10yr46		Dk Yl Br	SCL	ca	45			4	o	no	Sos at 49 extended by 30cm for drought calk							
3	38	10yr44		Dk Yl Br	SCL	ca	8			4				arable	1	I	1	3a	3a	DR
	46	10yr46		Dk Yl Br	SCL	ca	35			4	o	no	Sos							
	76	10yr46		Dk Yl Br	SCL	ca	45			4	o	no	Sos at 46 extended by 30cm for drought calk							
4	35	10yr44		Dk Yl Br	SCL	ca	8			4				arable	1	I	1	3a	3a	DR
	40	10yr46		Dk Yl Br	SCL	ca	35			4	o	no	Sos							
	70	10yr46		Dk Yl Br	SCL	ca	45			4	o	no	Sos at 40 extended by 30cm for drought calk							
5	37	10yr44		Dk Yl Br	SCL	ca	10			4				arable	0	I	1	3a	3a	DR
	40	10yr46		Dk Yl Br	SCL	ca	35			4	o	no	Sos 40, added 30cm for drought calc							
	70	10yr46		Dk Yl Br	SCL	v ca	45			4	o	no	Sos 40							
6	35	10yr44		Dk Yl Br	SCL	ca	10			4				arable	0	I	1	3a	3a	DR
	37	10yr46		Dk Yl Br	SCL	ca	30			4	o	no	Sos 37, added 30cm for drought calc							
	67	10yr46		Dk Yl Br	SCL	ca	45			4	o	no	Sos 37							
7	38	10yr44		Dk Yl Br	SCL	ca	10			4				arable	0	I	1	3a	3a	DR
	66	10yr46		Dk Yl Br	SCL	ca	10			4	o	no	Sos							
	96						45			4	o	no	30cm added by SM in QC							
8	36	10yr44		Dk Yl Br	SCL	ca	10			4				arable	0	I	1	3a	3a	DR
	40	10yr46		Dk Yl Br	SCL	ca	30			4	o	no	Sos 40, added 30cm for drought calc							
	70	10yr46		Dk Yl Br	SCL	ca	45			4	o	no								
9	36	10yr44		Dk Yl Br	SCL	ca	10			4				arable	0	I	1	2	2	DR
	55	10yr46		Dk Yl Br	SCL	ca	10			4	o	no	Sos							
	85	10yr46		Dk Yl Br	SCL	ca	45			4	o	no	Sos at 55 extended by 30cm for drought calk							
10	35	10yr44		Dk Yl Br	SCL	ca	8			4				arable	1	I	1	3a	3a	DR
	39	10yr46		Dk Yl Br	SCL	ca	35			4	o	no	Sos							
	69	10yr46		Dk Yl Br	SCL	ca	45			4	o	no	Sos at 39 extended by 30cm for drought calk							
11	38	10yr44		Dk Yl Br	SCL	ca	8			4	o	no	Sos	arable	1	I	1	3a	3a	DR
	68	10yr46		Dk Yl Br	SCL	ca	45			4	o	no	Sos 38, added 30 for drought							
12	35	10yr44		Dk Yl Br	SCL	ca	10			4	o	no		arable	0	I	1	3b	3b	DR
	65	10yr46		Dk Yl Br	SCL	ca	45			4	o	no	Sos 35, added 30cm for drought calc							
13	35	10yr44		Dk Yl Br	SCL	ca	10			4			Sos 37	arable	0	I	1	3a	3a	DR
	37	10yr46		Dk Yl Br	SCL	ca	10			4	o	no	Sos 37, added 30cm for drought calc							
	67	10yr46		Dk Yl Br	SCL	ca	45			4	o	no								
14	39	10yr44		Dk Yl Br	SCL	ca	10			4				arable	0	I	1	1	1	-
	120	10yr46		Dk Yl Br	SCL	ca	3			4	o	no								

Name	Depth (cm)	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit	
15	32	10yr44		Dk Yl Br	SCL	ca	10			4			Sos	arable	0	I	1	3b	3b	DR	
	62	10yr46		Dk Yl Br	SCL	ca	45			4	o	no	Sos 32, added 30cm for drought calc								
16	40	10yr44		Dk Yl Br	SCL	ca	10			4				arable	0	I	1	3a	3a	DR	
	45	10yr46		Dk Yl Br	SCL	ca	10			4	o	no									
	75	10yr46		Dk Yl Br	SCL	ca	45			4	o	no	Sos at 45 extended by 30cm for drought calk								
17	38	10yr34		Dk Yl Br	SCL	v sl ca	5			4				arable	1	I	1	1	1	-	
	74	10yr44		Dk Yl Br	SCL	ca	5			4	o	no	Stopped by limestone at 74cm.								
	104	10yr61		Gr	SCL	ca	45			4	o	no	Limestone.								
18	37	10yr34		Dk Yl Br	SCL	sl ca	5			4				arable	1	I	1	3a	3a	DR	
	43	10yr44		Dk Yl Br	SCL	ca	5			4	o	no	Stopped by limestone at 43cm.								
	73	10yr61		Gr	SCL	ca	45			4	o	no	Limestone.								
19	35	10yr34		Dk Yl Br	SCL	v sl ca	5			4				arable	2	I	1	3a	3a	DR	
	50	10yr44		Dk Yl Br	SCL	sl ca	5			4	o	no	Stopped by limestone at 50cm.								
	80	10yr61		Gr	SCL	ca	45			4	o	no	Limestone.								
20	40	10yr44		Dk Yl Br	MCL	ca	6			4				arable	2	I	1	3a	3a	DR	Grass
	65	10yr46		Dk Yl Br	MCL	ca	10			4	o	no	Fmcs, sos, limestone seems to break/ penetratable								
	95						45			4	o	no	30cm added by SM in QC								
21	38	10yr34		Dk Yl Br	SCL	v sl ca	10			4				arable	2	I	1	3b	3b	DR	
	62	10yr56		Yl Br	LCS	ca	5			4	o	no	Stopped by limestone at 62cm.								
	92	10yr61		Gr	LCS	ca	45			4	o	no	Limestone.								
22	37	10yr34		Dk Yl Br	SCL	v sl ca	10			4				arable	2	I	1	3b	3b	DR	
	46	10yr46		Dk Yl Br	LCS	sl ca	10			4	o	no	Stopped by limestone at 46cm.								
	76	10yr61		Gr	LCS	ca	45			4	o	no	Limestone.								
23	30	10yr34		Dk Yl Br	SCL	v sl ca	10			4				arable	2	I	1	3a	3a	DR	
	50	10yr56		Yl Br	SCL	sl ca	10			4	o	no	Stopped by limestone at 50cm.								
	80	10yr61		Gr	SCL	ca	45			4	o	no	Limestone.								
24	38	10yr34		Dk Yl Br	SCL	v sl ca	5			4				arable	2	I	1	2	2	DR	
	55	10yr46		Dk Yl Br	SCL	ca	5			4	o	no	Stopped by limestone at 55cm.								
	85	10yr61		Gr	SCL	ca	45			4	o	no	Limestone.								
25	35	10yr34		Dk Yl Br	SCL	v sl ca	5			4				arable	2	I	1	3a	3a	DR	
	54	10yr46		Dk Yl Br	SCL	ca	10			4	o	no	Stopped by limestone at 54cm.								
	84						45			4	o	no	Added by SM in QC								
26	30	10yr34		Dk Yl Br	SCL	v sl ca	10			4				arable	2	I	1	3a	3a	DR	
	58	10yr56		Yl Br	SCL	ca	10			4	o	no	Stopped by limestone at 58cm.								
	88						45			4	o	no	Added by SM in QC								
27	32	10yr34		Dk Yl Br	SCL	v sl ca	5			4				arable	2	I	1	2	2	DR	
	55	10yr62		Li Br Gr	SCL	ca	5			4	o	no	Stopped by limestone at 55cm.								
	85	10yr61		Gr	SCL	ca	45			4	o	no	Limestone.								
28	40	10yr34		Dk Yl Br	SCL	v sl ca	10			4				arable	2	I	1	3a	3a	DR	

Name	Depth (cm)	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit	
	70	10yr61		Gr	SCL	ca	45			4	o	no	Limestone.								
29	30	10yr34		Dk Yl Br	SCL	v sl ca	10			4				arable	2	I	1	3a	3a	DR	
	48	10yr36		Dk Yl Br	SCL	sl ca	10			4	o	no	Stopped by limestone at 48cm.								
	78	10yr61		Gr	SCL	ca	45			4	o	no	Limestone.								
30	40	10yr43		Br	SCL	v sl ca	10			4			Stopped	arable	2	I	1	3a	3a	DR	
	70	10yr61		Gr	SCL	ca	45			4	o	no	Limestone.								
31	39	10yr43		Br	SCL	v sl ca	10			4			Stopped	arable	2	I	1	3a	3a	DR	
	69	10yr61		Gr	SCL	ca	45			4	o	no	Limestone.								
32	32	10yr43		Br	SCL	v sl ca	10			4				arable	2	I	1	3a	3a	DR	
	48	10yr46		Dk Yl Br	SCL	ca	5			4	o	no	Stopped by limestone at 48cm.								
	78	10yr61		Gr	SCL		45			4	o	no	Limestone.								
33	40	10yr43		Br	SCL	v sl ca	10			4			Stopped	arable	2	I	1	3a	3a	DR	
	70	10yr61		Gr	SCL	ca	45			4	o	no	Limestone.								
34	39	10yr44		Dk Yl Br	SCL	ca	10			4			Sos	arable	2	I	1	3a	3a	DR	
	69	10yr46		Dk Yl Br	SCL	ca	45			4	o	no	Sos at 39, extended by 30								
35	34	10yr44		Dk Yl Br	SCL	ca	8			4				arable	2	I	1	3a	3a	DR	
	38	10yr46		Dk Yl Br	SCL	ca	10			4			Sos								
	68	10yr46		Dk Yl Br	SCL	ca	45			4	o	no	Sos at 38 extended by 30cm for drought calk								
36	40	10yr34		Dk Yl Br	MCL	ca	10			4			Top soil	arable	2	I	1	3a	3a	DR	application, winter wheat
	45	10yr34		Dk Yl Br	MCL	ca	10			4	o	no	Top soil								
	65	10yr34		Dk Yl Br	MCL	ca	45			4	o	no	Sos at 45								
37	35	10yr34		Dk Yl Br	MCL	v sl ca	10			4				arable	2	I	1	2	2	DR	
	50	10yr54		Yl Br	MCL	ca	10			4	o	no	Stopped by limestone at 50cm.								
	80	10yr51		Gr	MCL	ca	45			4	o	no	Limstone.								
38	38	10yr43		Br	SCL	v sl ca	10			4			Stopped b	arable	2	I	1	3a	3a	DR	
	68	10yr61		Gr	SCL	ca	45			4	o	no	Limestone.								
39	35	10yr44		Dk Yl Br	SCL	ca	7			4				arable	2	I	1	3a	3a	DR	
	48	10yr46		Dk Yl Br	SCL	ca	10			4	o	no	Sos								
	78	10yr46		Dk Yl Br	SCL	ca	45			4	o	no	Sos at 38 extended by 30cm for drought calk								
40	33	10yr44		Dk Yl Br	SCL	ca	10			4				arable	1	I	1	3a	3a	DR	
	41	10yr46		Dk Yl Br	SCL	ca	9			4	o	no	Sos								
	71	10yr46		Dk Yl Br	SCL	ca	45			4	o	no	Sos at 41 extended by 30cm for drought calk								
41	40	10yr34		Dk Yl Br	SCL	v sl ca	5			4			Stopped	arable	3	I	1	3a	3a	DR	
	70	10yr61		Gr	SCL	ca	45			4	o	no	Limestone.								

Name	Depth (cm)	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit	
42	36	10yr34		Dk Yl Br	CSL	v sl ca	5			4				arable	1	I	1	2	2	DR	
	65	10yr56		Yl Br	CSL	ca	7			4	o	no	Stopped by limestone at 65cm.								
	95	10yr61		Gr	CSL	ca	45			4	o	no	Limestone.								
43	36	10yr44		Dk Yl Br	SCL	ca	10			4			Sos	arable	2	I	1	3b	3b	DR	
	66	10yr46		Dk Yl Br	SCL	ca	45			4	o	no	Sos								
44	36	10yr44		Dk Yl Br	SCL	ca	8			4				arable	2	I	1	3a	3a	DR	
	66	10yr46		Dk Yl Br	SCL	ca	45			4	o	no	Sos at 36, extended 30cm								
45	35	10yr34		Dk Yl Br	CSL	v sl ca	5			4				arable	2	I	1	3b	3b	DR	
	50	10yr66		Br Yl	LCS	ca	5			4	o	no	Stopped by limestone at 50cm.								
	80	10yr61		Gr	LCS	ca	45			4	o	no	Limestone.								
46	39	10yr34		Dk Yl Br	SCL	v sl ca	7			4			Stopped b	arable	2	I	1	3a	3a	DR	
	69	10yr61		Gr	SCL	ca	45			4	o	no	Limestone.								
47	39	10yr34		Dk Yl Br	SCL	ca	6			4				arable	2	I	1	3a	3a	DR	
	69	10yr46		Dk Yl Br	SCL	ca	45			4	o	no	Sos at 39, extended by 30								
48	31	10yr34		Dk Yl Br	SCL	ca	6			4				arable	2	I	1	2	2	DR	
	55	75yr46		St Br	SCL	ca	10			4	o	no	Sos								
	85	75yr46		St Br	SCL	ca	45			4	o	no	Sos at 55 extended by 30cm for drought calk								
49	30	10yr34		Dk Yl Br	SCL	sl ca	5			4				arable	2	I	1	1	1	-	
	64	10yr66		Br Yl	CSL	ca	5			4	o	no	Stopped by limestone at 64cm.								
	94	10yr61		Gr	CSL	ca	45			4	o	no	Limestone.								
50	35	10yr34		Dk Yl Br	CSL	sl ca	5			4				arable	2	I	1	2	2	DR	droughtiness.
	65	10yr46		Dk Yl Br	CSL	ca	7			4	o	no									
	95	10yr61		Gr	CSL	ca	45			4	o	no	Limestone.								
51	37	10yr34		Dk Yl Br	MSL	ca	7			4				arable	2	I	1	2	2	DR	
	54	75yr46		St Br	MSL	ca	10			4	o	no									
	90	75yr46		St Br	MSL	ca	45			4	o	no	Soil and limestone mix								
52	37	10yr44		Dk Yl Br	MSL	ca	3			4				arable	2	I	1	3a	3a	DR	
	58	10yr46		Dk Yl Br	MSL	ca	4			4	o	no	Sos								
	78	10yr46		Dk Yl Br	MSL	ca	45			4	o	no	Sos at 58 extended for drought calk								
53	35	10yr34		Dk Yl Br	SCL	sl ca	5			4				arable	2	I	1	1	1	-	
	55	10yr44		Dk Yl Br	SCL	ca	5			4											
	85	10yr46		Dk Yl Br	CSL	ca	7			4	o	no	Stopped by limestone at 85cm.								
	115	10yr61		Gr	CSL	ca	45			4	o	no	Limestone.								
54	36	10yr34		Dk Yl Br	CSL	sl ca	5			5				arable	2	I	1	3a	3a	DR	
	85	10yr46		Dk Yl Br	LCS	ca	5			4	o	no	Stopped by limestone at 85cm.								
	115	10yr61		Gr	LCS	ca	45			4	o	no	Limestone.								
55	37	10yr44		Dk Yl Br	SCL	ca	5			4				arable	2	I	1	3b	3b	DR	
	43	10yr46		Dk Yl Br	SCL	ca	10			4	o	no	Stopped on soft, crumbly limestone								

Name	Depth (cm)	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
	73						45			4	o	no	30cm added by SM in QC							
56	38	10yr44		Dk Yl Br	SCL	ca	4			4			Stopp on h	arable	2	I	1	3b	3b	DR
	68						45			4	o	no								
57	39	10yr44		Dk Yl Br	SCL	ca	4			4				arable	2	I	1	3b	3b	DR
	45	10yr46		Dk Yl Br	SCL	ca	10			4	o	no	Stopped on soft, crumbly limestone							
	75						45			4	o	no	30cm added by SM in QC							
58	36	10yr44		Dk Yl Br	SCL	ca	3			4				arable	2	I	1	1	1	-
	120	10yr46		Dk Yl Br	SCL	ca	1			4	o	no								
59	33	10yr44		Dk Yl Br	SCL	ca	3			4				arable	2	I	1	1	1	-
	120	10yr46		Dk Yl Br	SCL	ca	1			4	o	no								
60	37	10yr44		Dk Yl Br	SCL	ca	4			4				arable	2	I	1	2	2	DR
	72	10yr46		Dk Yl Br	SCL	ca	10			4	o	no	Stopped on hard limestone							
	102						45			4	o	no	30cm added by SM in QC							
61	38	10yr44		Dk Yl Br	SCL	ca	3			4				arable	2	I	1	1	1	-
	93	10yr46		Dk Yl Br	SCL	ca	1			4	o	no	Stopped on hard limestone							
	120						45			4	o	no	30cm added by SM in QC							
62	35	10yr44		Dk Yl Br	SCL	ca	3			4				arable	2	I	1	3b	3b	DR
	44	10yr46		Dk Yl Br	SCL	ca	10			4	o	no	Stopped on soft, crumbly limestone							
	74						45			4	o	no	30cm added by SM in QC							
63	40	10yr34		Dk Yl Br	CSL	sl ca	7			4			Stopped b	arable	1	I	1	3b	3b	DR
	70						45			4	o	no	30cm added by SM in QC							
64	31	10yr44		Dk Yl Br	SCL	ca	13			4			Stop on ha	arable	2	I	1	4	4	DR
	61						45			4	o	no	30cm added by SM in QC							
65	40	10yr44		Dk Yl Br	SCL	ca	3			4				arable	2	I	1	3a	3a	DR
	44	10yr44		Dk Yl Br	SCL	ca	3			4			TS deeper than 40cm							
	63	10yr46		Dk Yl Br	SCL	ca	3			4	o	no	Stopped on soft, crumbly limestone							
	93						45			4	o	no								
66	40	10yr44		Dk Yl Br	SCL	ca	3			4				arable	2	I	1	2	2	DR
	88	10yr46		Dk Yl Br	SCL	ca	10			4	o	no	Stopped on soft, crumbly limestone							
	118						45			4	o	no	30cm added by SM in QC							
67	32	10yr34		Dk Yl Br	CSL	sl ca	5			4				arable	1	I	1	3a	3a	DR
	52	10yr36		Dk Yl Br	CSL	ca	7			4	o	no	Stopped by limestone at 52cm.							
	82						45			4	o	no	Added by SM in QC							
68	35	10yr44		Dk Yl Br	SCL	ca	8			4				arable	2	I	1	3b	3b	DR
	43	10yr46		Dk Yl Br	SCL	ca	35			4	o	no	Stopped on soft, crumbly limestone							
	73						45			4	o	no	30cm added by SM in QC							
69	38	10yr44		Dk Yl Br	SCL	ca	10			4				arable	2	I	1	3b	3b	DR

Name	Depth (cm)	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit	
	44	10yr46		Dk Yl Br	SCL	ca	10			4	o	no	Stopped on soft, crumbly limestone								
	74						45			4	o	no	30cm added by SM in QC								
70	39	10yr44		Dk Yl Br	SCL	ca	4			4				arable	2	I	1	3b	3b	DR	
	50	10yr46		Dk Yl Br	SCL	ca	10			4	o	no	Stopped on soft, crumbly limestone								
	80						45			4	o	no	30cm added by SM in QC								
71	35	10yr34		Dk Yl Br	CSL	sl ca	5			4				arable	2	I	1	3b	3b	DR	
	42	10yr36		Dk Yl Br	CSL	ca	10			4	o	no	Stopped by limestone at 42cm.								
	72						45			4	o	no	Added by SM in QC								
72	37	10yr44		Dk Yl Br	SCL	ca	9			4				arable	2	I	1	3b	3b	DR	
	45	10yr46		Dk Yl Br	SCL	ca	10			4	o	no	Stopped on hard limestone								
	75						45			4	o	no	30cm added by SM in QC								
73	34	10yr44		Dk Yl Br	SCL	ca	18			4				arable	2	I	1	4	4	DR	
	64						45			4	o	no	Stopped on soft crumbly limestone								
74	39	10yr44		Dk Yl Br	SCL	ca	15			4				arable	2	I	1	3b	3b	DR	
	69						45			4	o	no	So soft crumbly limestpne								
	99						45			4	o	no	30cm added by SM in QC								
75	32	75yr44		Br	MSL	ca	5			4				grassland - managed,	4	I	1	3b	3b	DR	r 88 was v similar
	58	10yr66		Br Yl	MSL	v ca	75			4	o	no	Into crushed soft 10yr74 limestone with soil. Stopped on rock at 58cm								
	88						45			4	o	no	30cm added by SM in QC								
76	28	75yr44		Br	MSL	ca	5			4				grassland - managed,	2	I	1	3b	3b	DR	
	57	10yr66		Br Yl	MSL	v ca	75			4	o	no	soft, crushed limestone								
	87						45			4	o	no	30cm added by SM in QC								
77	40	10yr34		Dk Yl Br	SCL	sl ca	5			4				grassland - ot	2	I	1	3b	3b	DR	
	50	10yr61		Gr	CSL	ca	50			4	o	no	Stopped by limestone at 50cm. Very gritty subsoil.								
	80						45			4	o	no	Added by SM in QC								
78	34	10yr34		Dk Yl Br	SCL	sl ca	5			4				grassland - ot	1	I	1	3a	3a	DR	
	55	10yr46		Dk Yl Br	SCL	sl ca	5			4											
	68	10yr66		Br Yl	LCS	ca	10			4	o	no	Stopped by limestone at 68cm.								
	98						45			4	o	no									
79	38	10yr34		Dk Yl Br	SCL	sl ca	5			4				grassland - ot	2	I	1	3b	3b	DR	
	48	10yr64		Li Yl Br	LCS	ca	5			4	o	no	Stopped by limestome at 48cm.								
	78						45			4	o	no	Added by SM in QC								
80	35	10yr34		Dk Yl Br	SCL	sl ca	10			4				grassland - ot	2	I	1	3b	3b	DR	
	42	10yr46		Dk Yl Br	SCL	ca	1			4	o	no	Stopped by limestone at 42cm.								
	72						45			4	o	no	Added by SM in QC								
81	35	75yr44		Br	MSL	ca	10			4				grassland - managed,	4	I	1	3b	3b	DR	
	65						45			4	o	no	Into broken ls rock with soil. Stopped on rock at 35cm								
82	35	75yr44		Br	MSL	ca	7			4				grassland - managed,	4	I	1	3b	3b	DR	
	60	10yr66		Br Yl	MSL	v ca	75			4	o	no	Mostlt soft crushed ls, no hard rock. Stopped on rock at 60cm								
	90						45			4	o	no	30cm added by SM in QC								
83	31	75yr44		Br	MSL	ca	10			4				grassland - managed,	3	I	1	3a	3a	DR	

Name	Depth (cm)	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
	68	25yr48		Rd	SCL	v ca	5			4	o	no	Poss msl. Stopped on rock at 68cm							
	98						45			4	o	no	30cm added by SM in QC							
84	38	10yr34		Dk Yl Br	SCL	sl ca	5			4				grassland - ot	2	I	1	3b	3b	DR
	48	10yr46		Dk Yl Br	C	sl ca	5			4	o	no	Stopped by limestone at 48cm.							
	78						45			4	o	no	Added by SM in QC							
85	35	10yr34		Dk Yl Br	SCL	sl ca	5			4				grassland - ot	3	I	1	3a	3a	DR
	65	10yr56		Yl Br	SCL	ca	10			4	o	no	Stopped by limestone at 65cm.							
	95						45			4	o	no								
86	36	10yr34		Dk Yl Br	SCL	sl ca	10			4				grassland - ot	3	I	1	3b	3b	DR
	43	10yr46		Dk Yl Br	SCL	ca	10			4	o	no	Stopped by limestone at 43cm.							
	73						45			4	o	no	Added by SM in QC							
87	39	10yr34		Dk Yl Br	SCL	sl ca	5			4				grassland - ot	3	I	1	3a	3a	DR
	55	10yr56		Yl Br	SCL	ca	10			4	o	no	Stopped by limestone at 55cm.							
	85						45			4	o	no	Added by SM in QC							
88	34	75yr44		Br	MSL	ca	10			4			Into pure c	managed,	4	I	1	3b	3b	DR
	64						45			4	o	no								
89	29	75yr44		Br	MSL	ca	10			4				grassland - managed,	4	I	1	4	4	DR
	36	10yr66		Br Yl	MSL	v ca	75			4	o	no	Mostlt soft crushed ls, no hard rock. Stopped on rock at 36cm							
	66						45			4	o	no	30cm added by SM in QC							
90	33	75yr44		Br	MSL	ca	7			4			Stopped o	managed,	4	I	1	3b	3b	DR
	63						45			4	o	no								
91	37	75yr43		Br	MSL	ca	10			4				arable	1	I	1	3b	3b	DR
	43	75yr56		St Br	MSL	v ca	25			4	o	no	Stopped on rock. 3 attempts to get down lower.							
	73						45			4	o	no	30cm added by SM in QC							
92	36	10yr34		Dk Yl Br	MSL	sl ca	5			4				arable	1	I	1	3b	3b	DR
	42	10yr46		Dk Yl Br	MSL	ca	7			4	o	no	Stopped by limestone at 42cm.							
	72						45			4	o	no	Added by SM in QC							
93	35	75yr43		Br	MSL	ca	10			4				arable	1	I	1	3b	3b	DR
	46	75yr54		Br	MSL	v ca	15			4	o	no	Into crushed ls and rock							
	76						45			4	o	no	30cm added by SM in QC							
94	32	75yr43		Br	MSL	ca	7			4				arable	1	I	1	3b	3b	DR
	54	5yr54		Rd Br	MSL	v ca	5			4	o	no	Into 5cm of soft crushed ls then rock							
	84						45			4	o	no	30cm added by SM in QC							
95	37	75yr43		Br	MSL	ca	7			4				arable	1	I	1	2	2	DR
	95	75yr56		St Br	MSL	v ca	20			4	o	no	Approx 20% crushed ls and msl. Stopped on rock							
	125						45			4	o	no	30cm added by SM in QC							
96	39	75yr43		Br	MSL	ca	10			4				arable	2	I	1	3b	3b	DR
	50	75yr54		Br	MSL	v ca	25			4	o	no	Stopped on rock							
	80						45			4	o	no	30cm added by SM in QC							
97	36	10yr34		Dk Yl Br	MSL	ca	5			4				arable	1	I	1	3a	3a	DR
	55	10yr44		Dk Yl Br	MSL	ca	5			4	o	no	Stopped by limestone at 55cm.							

Name	Depth (cm)	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
	85						45			4	o	no	Added by SM in QC							
98	35	75yr34		Dk Br	MSL	ca	4			4				arable	2	I	1	3b	3b	DR
	43	75yr46		St Br	MSL	ca	5			4	o	no	Stopped on soft, crumbly limestone							
	73						45			4	o	no	30cm added by SM in QC							
99	39	75yr34		Dk Br	MSL	ca	3			4				arable	2	I	1	3a	3a	DR
	64	75yr46		St Br	MSL	ca	35			4	o	no	Weathered limestone and soil mix, topped on soft, crumbly limestone							
	94						45			4	o	no	30cm added by SM in QC							
100	36	10yr43		Br	MSL	ca	4			4				arable	2	I	1	3b	3b	DR
	41	75yr46		St Br	MSL	ca	8			4	o	no	Stopped on soft, crumbly limestone							
	71						45			4	o	no	30cm added by SM in QC							
101	35	10yr43		Br	MSL	ca	3			4				arable	2	I	1	3b	3b	DR
	41	75yr46		St Br	MSL	ca	8			4	o	no	Stopped on soft, crumbly limestone							
	71						45			4	o	no	30cm added by SM in QC							
102	36	10yr43		Br	MSL	ca	4			4				arable	2	I	1	3b	3b	DR
	46	75yr46		St Br	MSL	ca	8			4	o	no	Stopped on soft, crumbly limestone							
	76						45			4	o	no	30cm added by SM in QC							
103	40	10yr43		Br	MSL	ca	3			4				arable	2	I	1	3b	3b	DR
	47	75yr46		St Br	MSL	ca	10			4	o	no	soft, crumbly limestone							
	77						45			4	o	no	dded by SM in QC							
104	39	10yr43		Br	MSL	ca	3			4				arable	2	I	1	3a	3a	DR
	63	75yr46		St Br	MSL	ca	5			4	o	no	Stopped on soft, crumbly limestone							
	93						45			4	o	no	30cm added by SM in QC							
105	40	75yr43		Br	MSL	ca	7			4				arable	1	I	1	2	2	DR
	72	75yr54		Br	SCL	v ca	10			4	o	no	Poss msl							
	92	10yr64		Li Yl Br	MSL		75			4	o	no	Mostly soft crushed ls. Stopped on rock							
	120						45			4	o	no								
106	36	75yr43		Br	MSL	ca	5			4				arable	1	I	1	3a	3a	DR
	70	75yr43		Br	MSL	v ca	45			4	o	no	Into soft crushed ls to 65cm, then rock							
	100						45			4	o	no	30cm added by SM in QC							
107	38	75yr43		Br	MSL	ca	7			4				arable	1	I	1	3a	3a	DR
	67	75yr56		St Br	MSL	v ca	20			4	o	no	Est 20% crushed ls. Into rock at 67cm							
	97						45			4	o	no	30cm added by SM in QC							
108	40	75yr43		Br	MSL	ca	10			4				arable	2	I	1	3b	3b	DR
	46	75yr56		St Br	MSL	v ca	20			4	o	no	Approx 20% crushed ls and msl. Stopped on rock							
	76						45			4	o	no	30cm added by SM in QC							
109	38	10yr34		Dk Yl Br	MSL	sl ca	5			4				arable	1	I	1	2	2	DR
	90	10yr46		Dk Yl Br	MSL	ca	5			4	o	no	Stopped by limestone at 90cm.							
	120						45			4	o	no	Added by SM in QC							
110	40	10yr34		Dk Yl Br	MSL	sl ca	5			4				arable	1	I	1	3a	3a	DR
	62	10yr46		Dk Yl Br	MSL	ca	5			4	o	no	Stopped by limestone at 62cm.							
	92						45			4	o	no	Added by SM in QC							

Name	Depth (cm)	Munsel colour 1	Munsel colour 2	Colour	Texture	Calc	Total stones (%)	St > 2cm	St > 6cm	Lith'gy	Mott' & gleying	SPL	Notes	Land use	Slope (°)	WC	WE grade	DR grade	ALC grade	Limit
111	36	10yr34		Dk Yl Br	MSL	sl ca	5			4				arable	1	I	1	3a	3a	DR
	62	10yr46		Dk Yl Br	MSL	ca	5			4	o	no	Stopped by limestone at 62cm.							
	92						45			4	o	no	Added by SM in QC							
112	39	10yr43		Br	MSL	ca	4			4				arable	2	I	1	3b	3b	DR
	47	75yr46		St Br	MSL	ca	39			4	o	no	Soil and weathered limestone mix, stopped on soft, crumbly limestone							
	77						45			4	o	no	30cm added by SM in QC							
113	34	10yr43		Br	MSL	ca	3			4				arable	2	I	1	3b	3b	DR
	40	75yr46		St Br	MSL	ca	10			4	o	no	Stopped on soft, crumbly limestone							
	70						45			4	o	no	30cm added by SM in QC							
114	35	10yr43		Br	MSL	ca	4			4				arable	2	I	1	3b	3b	DR
	40	75yr46		St Br	MSL	ca	5			4	o	no	Stopped on soft, crumbly limestone							
	70						45			4	o	no	30cm added by SM in QC							
115	35	10yr43		Br	MSL	ca	4			4				arable	2	I	1	3b	3b	DR
	45	75yr46		St Br	MSL	ca	35			4	o	no	Stopped on soft, crumbly limestone							
	75						45			4	o	no	30cm added by SM in QC							
116	39	10yr43		Br	MSL	ca	4			4				arable	2	I	1	3b	3b	DR
	45	75yr46		St Br	MSL	ca	10			4	o	no	Stopped on soft, crumbly limestone							
	75						45			4	o	no	30cm added by SM in QC							
117	35	10yr43		Br	SCL	ca	4			4				arable	2	I	1	2	2	DR
	75	75yr46		St Br	SCL	ca	2			4	o	no								
	92	5yr44		Rd Br	SC	sl ca	2			4	o	no	Stopped on crumbly limestone							
	120						45			4	o	no								
118	40	75yr43		Br	MSL	ca	5			4				arable	1	I	1	3a	3a	DR
	59	5yr44		Rd Br	MSL	v ca	10			4	o	no	Into soft crushed ls to 92cm, then rock							
	89						45			4	o	no	30cm added by SM in QC							
119	40	10yr34		Dk Yl Br	MSL	sl ca	5			4				arable	1	I	1	3a	3a	DR
	54	10yr46		Dk Yl Br	MSL	ca	5			4	o	no	Stopped by limestone at 54cm.							
	84						45			4	o	no	Added by SM in QC							
120	38	10yr34		Dk Yl Br	MSL	sl ca	5			4				arable	1	I	1	2	2	DR
	75	10yr56		Yl Br	MSL	ca	5			4	o	no	Stopped by limestone at 75cm.							
	105						45			4	o	no	Added by SM in QC							
121	30	10yr34		Dk Yl Br	MSL	sl ca	5			4				arable	1	I	1	3a	3a	DR
	65	10yr56		Yl Br	MSL	ca	5			4	o	no	Stopped by limestone at 65cm.							
	95						45			4	o	no	Added by SM in QC							
122	36	10yr34		Dk Yl Br	MSL	sl ca	5			4				arable	1	I	1	3b	3b	DR
	50	10yr46		Dk Yl Br	MSL	ca	5			4	o	no	Stopped by limestone at 50cm.							
	80						45			4	o	no	Added by SM in QC							
123	36	10yr34		Dk Yl Br	MSL	sl ca	5			4				arable	1	I	1	3a	3a	DR
	58	10yr46		Dk Yl Br	MSL	ca	5			4	o	no	Stopped by limestone at 58cm.							
	88						45			4	o	no	Added by SM in QC							
124	40	10yr34		Dk Yl Br	MSL	sl ca	7			4	o	no	Stopped b	arable	1	I	1	3b	3b	DR
	70						45			4	o	no	30cm added by SM in QC							

Appendix A (cont): Soil auger data from land surveyed in October 2024

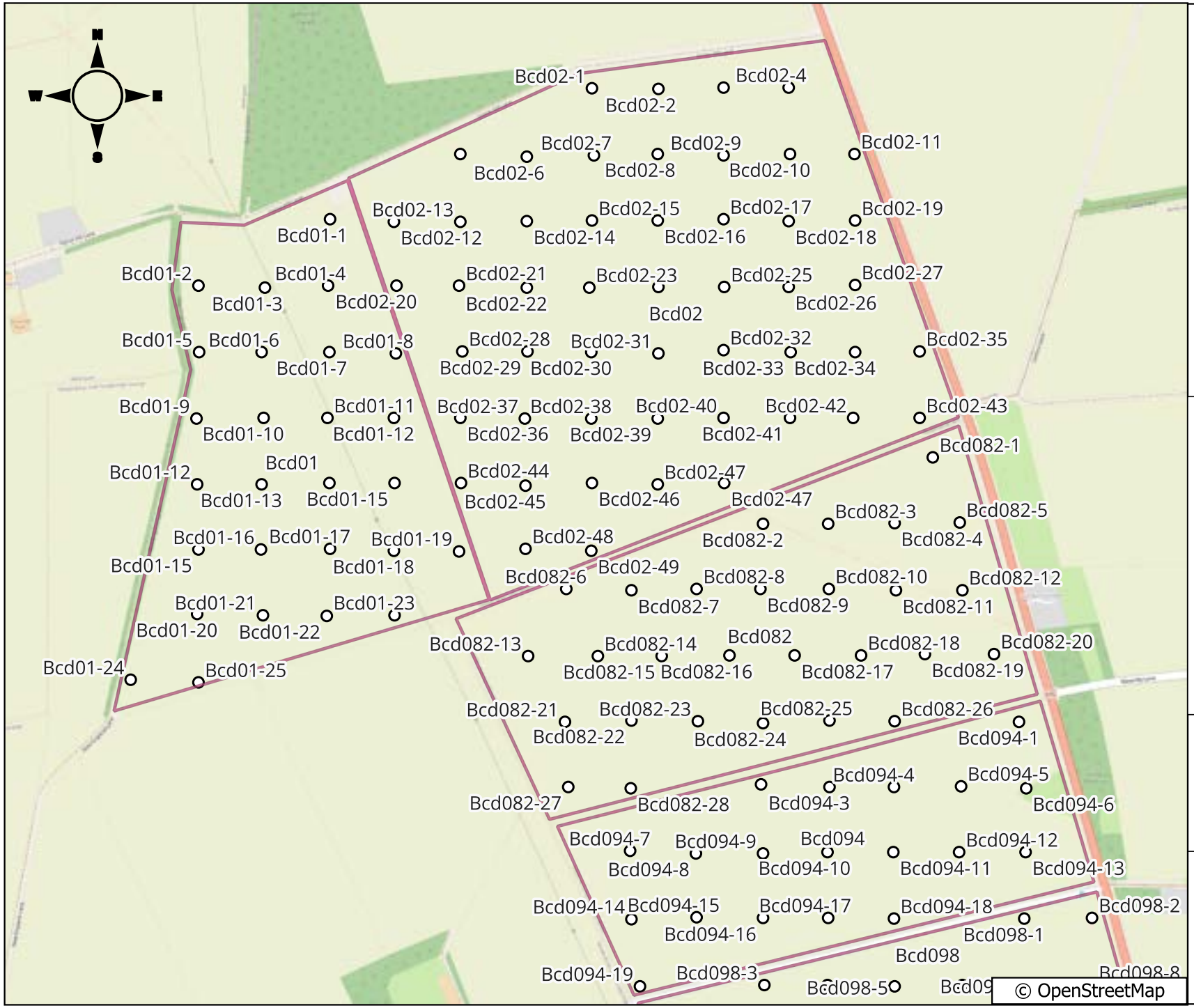
Soil Profile												Agricultural Land Classification					
Auger	Depth (cm)	Colour	Munsell Colours 1	2	Texture	Mottling	SPL	$CaCO_3$	Stones (%) Total	Litho'	Notes	Slope (°)	W C	WE grade	DR grade	Overall grade	Limit(s)
149	0 - 39	Br	75yr43		SCL	-	-	ca	3	4	Stopped on fractured limestone. 30cm added to profile of 45% limestone	1	I	1	2	2	DR
	39 - 52	St Br	75yr46		SCL	o	no	ca	5	4		Droughtiness Calculation					
	52 - 71	Li Br	75yr64		SCL	o	no	ca	15	4		MDW	MDP	MBW	MBP	Grade W	Grade P
	71 - 101				SCL				45	4		108	100	12.2	7.6	2	2
150	0 - 33	Br	75yr43		SCL	-	-	ca	5	4	Stopped on fractured limestone. 30cm added to profile of 45% limestone	1	I	1	3b	3b	DR
	33 - 38	St Br	75yr46		SCL	o	no	ca	15	4		Droughtiness Calculation					
	38 - 68				SCL				45	4		MDW	MDP	MBW	MBP	Grade W	Grade P
												108	100	-23.0	-9.2	3b 3b	2
151	0 - 32	Br	75yr43		MSL	-	-	ca	3	4	Stopped on fractured limestone. 30cm added to profile of 45% limestone	1	I	1	3b	3b	DR
	32 - 50	St Br	75yr46		LMS	o	no	ca	3	4		Droughtiness Calculation					
	50 - 61	St Br	75yr46		LMS	o	no	ca	10	4		MDW	MDP	MBW	MBP	Grade W	Grade P
	61 - 91				LMS				45	4		108	100	-25.9	-21.8	3b	3a
152	0 - 35	Br	75yr43		MSL	-	-	ca	5	4	Stopped on fractured limestone. 30cm added to profile of 45% limestone	1	I	1	3a	3a	DR
	35 - 58	St Br	75yr56		SCL	o	no	ca	5	4		Droughtiness Calculation					
	58 - 88				SCL				45	4		MDW	MDP	MBW	MBP	Grade W	Grade P
												109	101	-1.8	1.5	3a	2
153	0 - 34	Br	75yr43		MSL	-	-	ca	3	4	Stopped on fractured limestone. 30cm added to profile of 45% limestone	1	I	1	3a	3a	DR
	34 - 60	Br Yl	10yr68		MSL	o	no	ca	45	4		Droughtiness Calculation					
	60 - 90				MSL				45	4		MDW	MDP	MBW	MBP	Grade W	Grade P
												109	101	-6.8	-8.3	3a	2
154	0 - 35	Br	75yr43		MSL	-	-	ca	5	4	Stopped on fractured limestone. 30cm added to profile of 45% limestone	1	I	1	3a	3a	DR
	35 - 63	Br Yl	10yr68		MSL	o	no	ca	45	4		Droughtiness Calculation					
	63 - 93				MSL				45	4		MDW	MDP	MBW	MBP	Grade W	Grade P
												109	101	-4.9	-8.6	3a	2
155	0 - 36	Br	75yr43		MSL	-	-	ca	7	4	Stopped on fractured limestone. 30cm added to profile of 45% limestone	1	I	1	3a	3a	DR
	36 - 67	Br Yl	10yr68		MSL	o	no	ca	45	4		Droughtiness Calculation					
	67 - 97				MSL				45	4		MDW	MDP	MBW	MBP	Grade W	Grade P
												109	101	-2.2	-8.9	3a	2

Appendix A (cont): Soil auger data from land surveyed in October 2024

Soil Profile												Agricultural Land Classification					
Auger	Depth (cm)	Colour	Munsell Colours 1	2	Texture	Mottling	SPL	$CaCO_3$	Stones (%) Total	Litho'	Notes	Slope (°)	W C	WE grade	DR grade	Overall grade	Limit(s)
156	0 - 35	Br	75yr43		MSL	-	-	ca	7	4	Stopped on fractured limestone. 30cm added to profile of 45% limestone	1	I	1	3a	3a	DR
	35 - 54	Br Yl	10yr68		MSL	o	no	ca	45	4		Droughtiness Calculation					
	54 - 84				MSL				45	4		MDW	MDP	MBW	MBP	Grade W	Grade P
												109	101	-12.5	-9.5	3a	2
157	0 - 35	Br	75yr43		MSL	-	-	ca	5	4	Stopped on fractured limestone. 30cm added to profile of 45% limestone	1	I	1	3a	3a	DR
	35 - 49	Br Yl	10yr68		MSL	o	no	ca	45	4		Droughtiness Calculation					
	49 - 79				MSL				45	4		MDW	MDP	MBW	MBP	Grade W	Grade P
												109	101	-15.2	-8.6	3a	2
158	0 - 35	Br	75yr43		MSL	-	-	ca	7	4	Stopped on fractured limestone. 30cm added to profile of 45% limestone	1	I	1	3a	3a	DR
	35 - 52	V Pl Br	10yr74		MSL	o	no	ca	45	4		Droughtiness Calculation					
	52 - 82				MSL				45	4		MDW	MDP	MBW	MBP	Grade W	Grade P
												109	101	-13.9	-9.5	3a	2
159	0 - 34	Br	75yr43		MSL	-	-	ca	5	4	Stopped on fractured limestone. 30cm added to profile of 45% limestone	1	I	1	3a	3a	DR
	34 - 61	St Br	75yr46		SCL	o	no	ca	5	4		Droughtiness Calculation					
	61 - 91				SCL				45	4		MDW	MDP	MBW	MBP	Grade W	Grade P
												109	101	0.9	2.7	3a	2
160	0 - 34	Br	75yr43		MSL	-	-	ca	5	4	Stopped on fractured limestone. 30cm added to profile of 45% limestone	1	I	1	3a	3a	DR
	34 - 50	Br Yl	10yr68		MSL	o	no	ca	45	4		Droughtiness Calculation					
	50 - 80				MSL				45	4		MDW	MDP	MBW	MBP	Grade W	Grade P
												109	101	-15.1	-9.2	3a	2
161	0 - 32	Br	75yr44		SCL	-	-	ca	5	4	Stopped on fractured limestone. 30cm added to profile of 45% limestone	1	I	1	3a	3a	DR
	32 - 39	St Br	75yr46		SCL	o	no	ca	5	4		Droughtiness Calculation					
	39 - 48	St Br	75yr46		SCL	o	no	ca	20	4		MDW	MDP	MBW	MBP	Grade W	Grade P
	48 - 78				SCL				45	4		109	101	-13.9	-4.9	3a	2

Appendix 2 - Map 1: Location of Observations

Application Document Ref: EN010149/APP/6.3
Planning Inspectorate Scheme Ref: EN010149



Title

Appendix B - Location of Observations Map 1

Project

Agricultural Land Classification. Western Section, Springwell Solar Farm, Lincolnshire

Client

EDF renewables

Key

Field boundaries

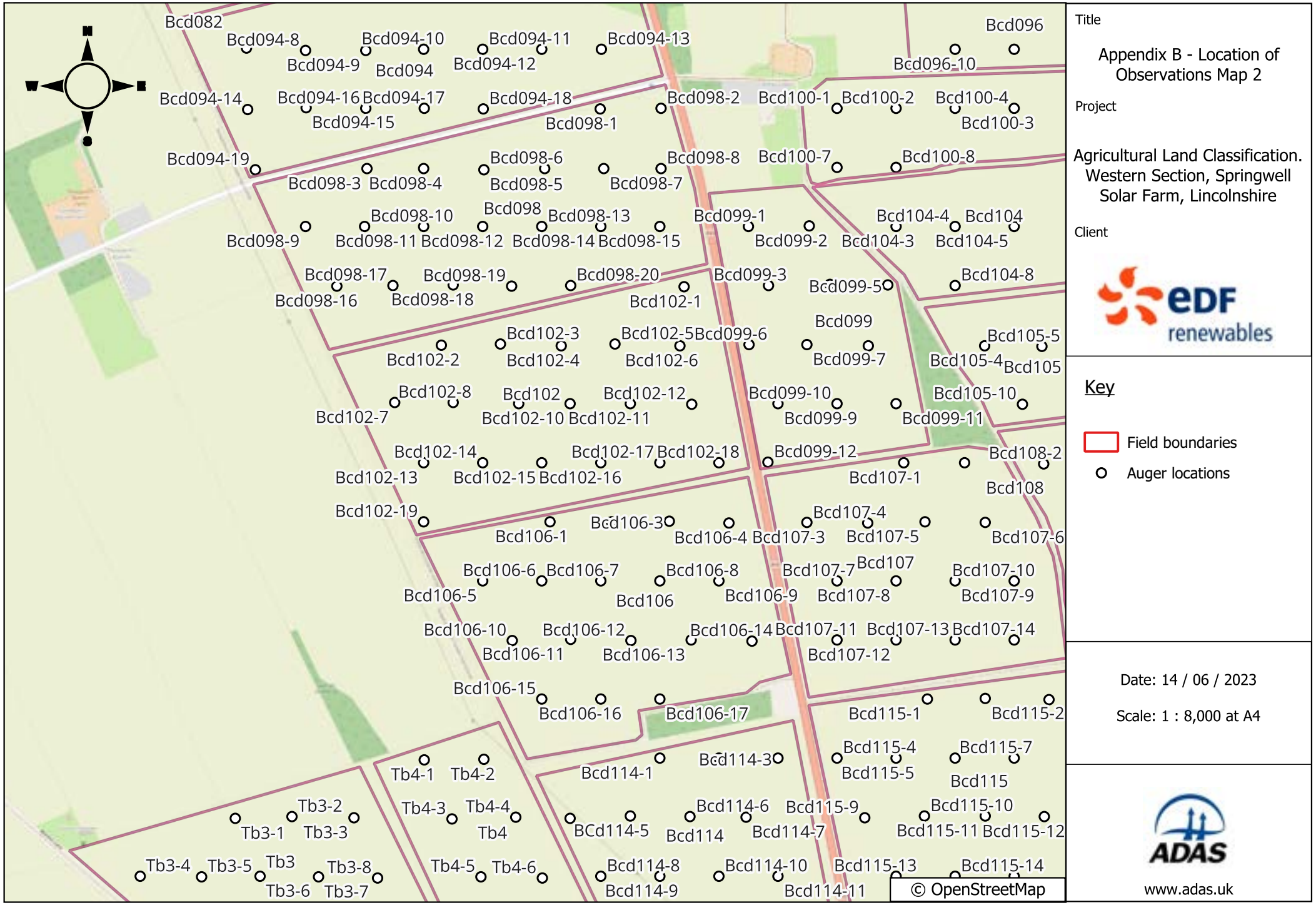
Auger locations

Date: 14 / 06 / 2023

Scale: 1 : 8,000 at A4

ADAS

www.adas.uk



Title

Appendix B - Location of Observations Map 2

Project

Agricultural Land Classification. Western Section, Springwell Solar Farm, Lincolnshire

Client

EDF renewables

Key

Field boundaries

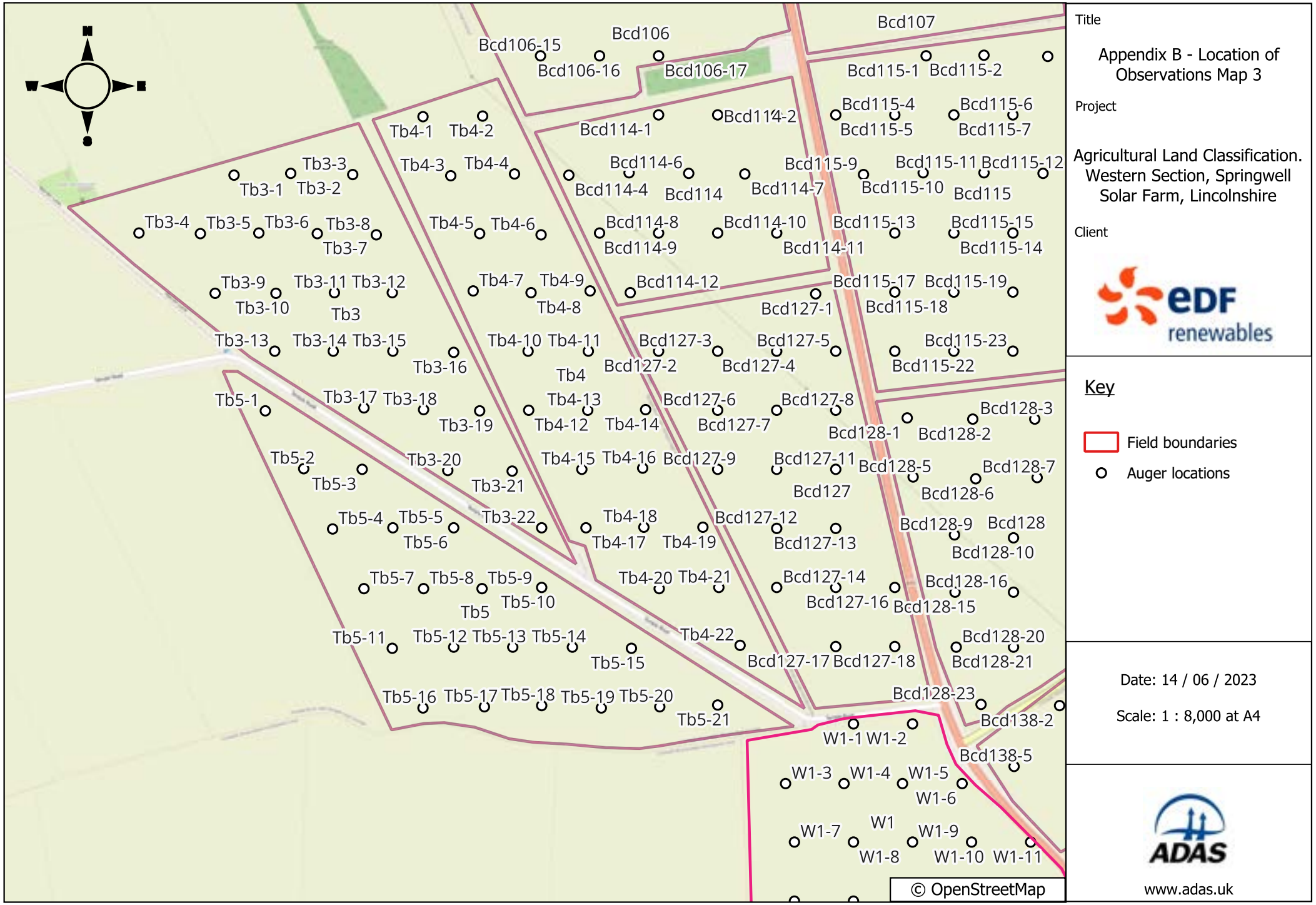
Auger locations

Date: 14 / 06 / 2023

Scale: 1 : 8,000 at A4

ADAS

www.adas.uk



Title

Appendix B - Location of Observations Map 3

Project

Agricultural Land Classification. Western Section, Springwell Solar Farm, Lincolnshire

Client

EDF renewables

Key

Field boundaries

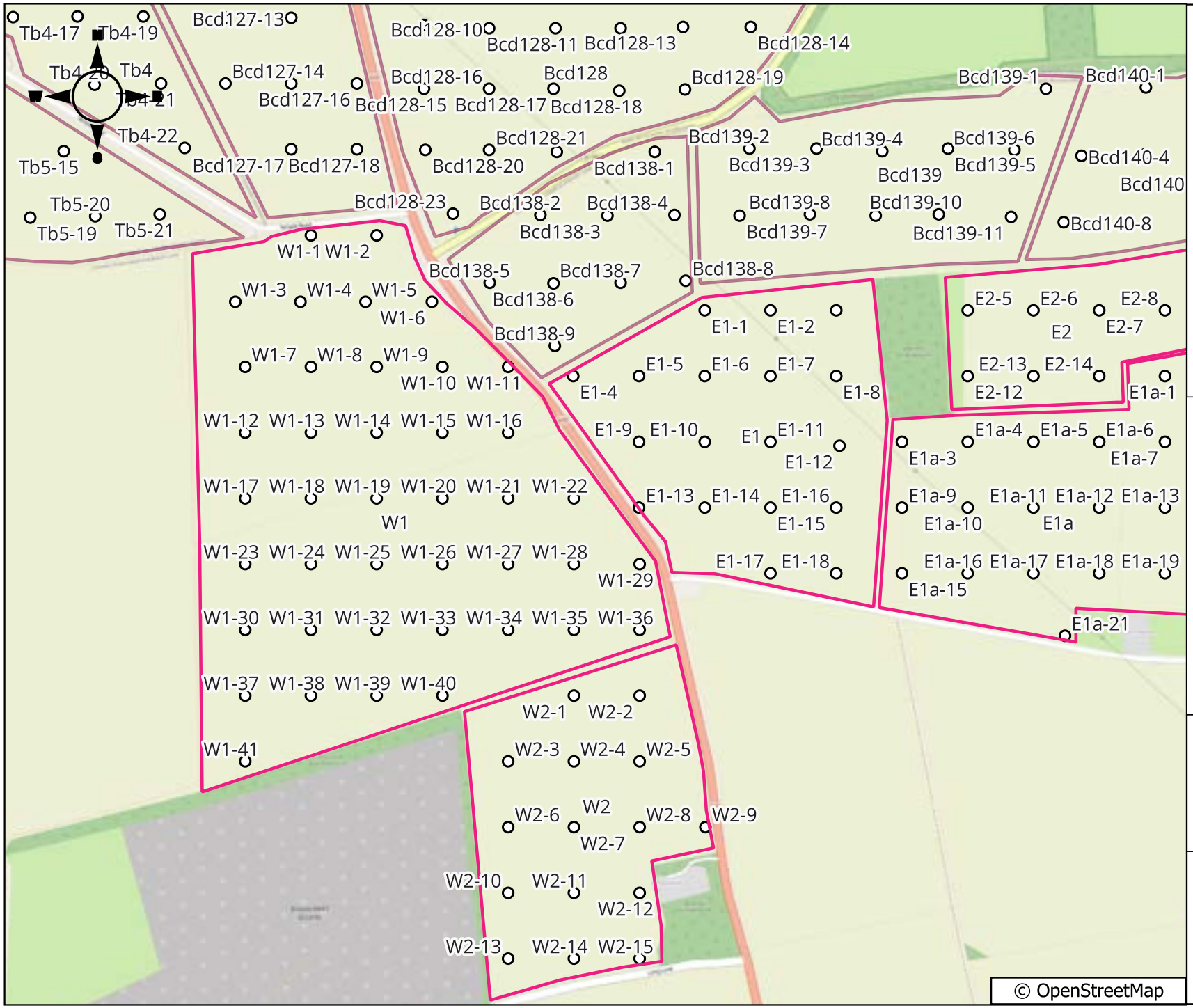
Auger locations

Date: 14 / 06 / 2023

Scale: 1 : 8,000 at A4

ADAS

www.adas.uk



Title

Appendix B - Location of Observations Map 4

Project

Agricultural Land Classification. Western Section, Springwell Solar Farm, Lincolnshire

Client

EDF renewables

Key

Field boundaries

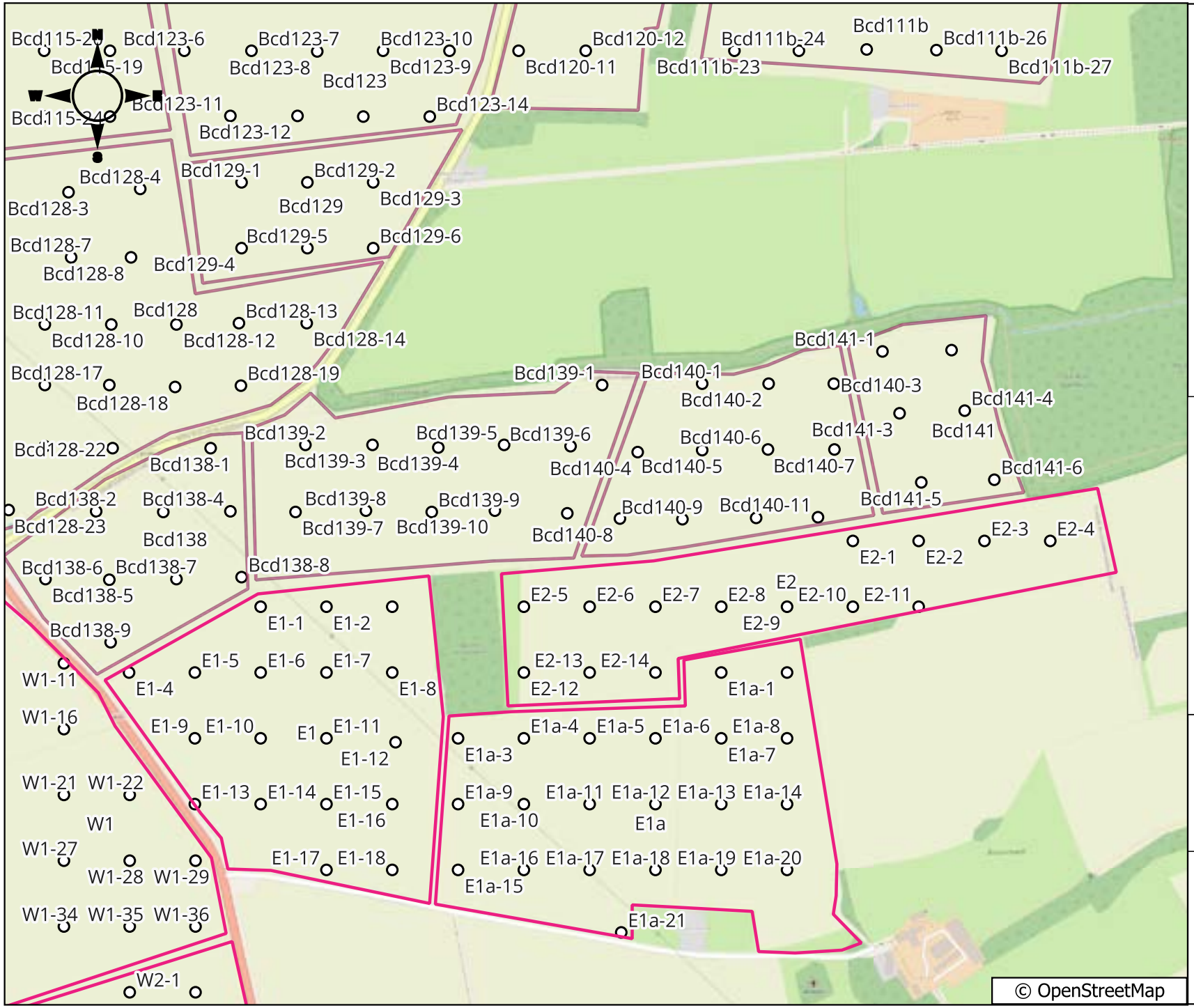
Auger locations

Date: 14 / 06 / 2023

Scale: 1 : 8,000 at A4

ADAS

www.adas.uk



Title

Appendix B - Location of Observations Map 5

Project

Agricultural Land Classification. Western Section, Springwell Solar Farm, Lincolnshire

Client

EDF renewables

Key

Field boundaries

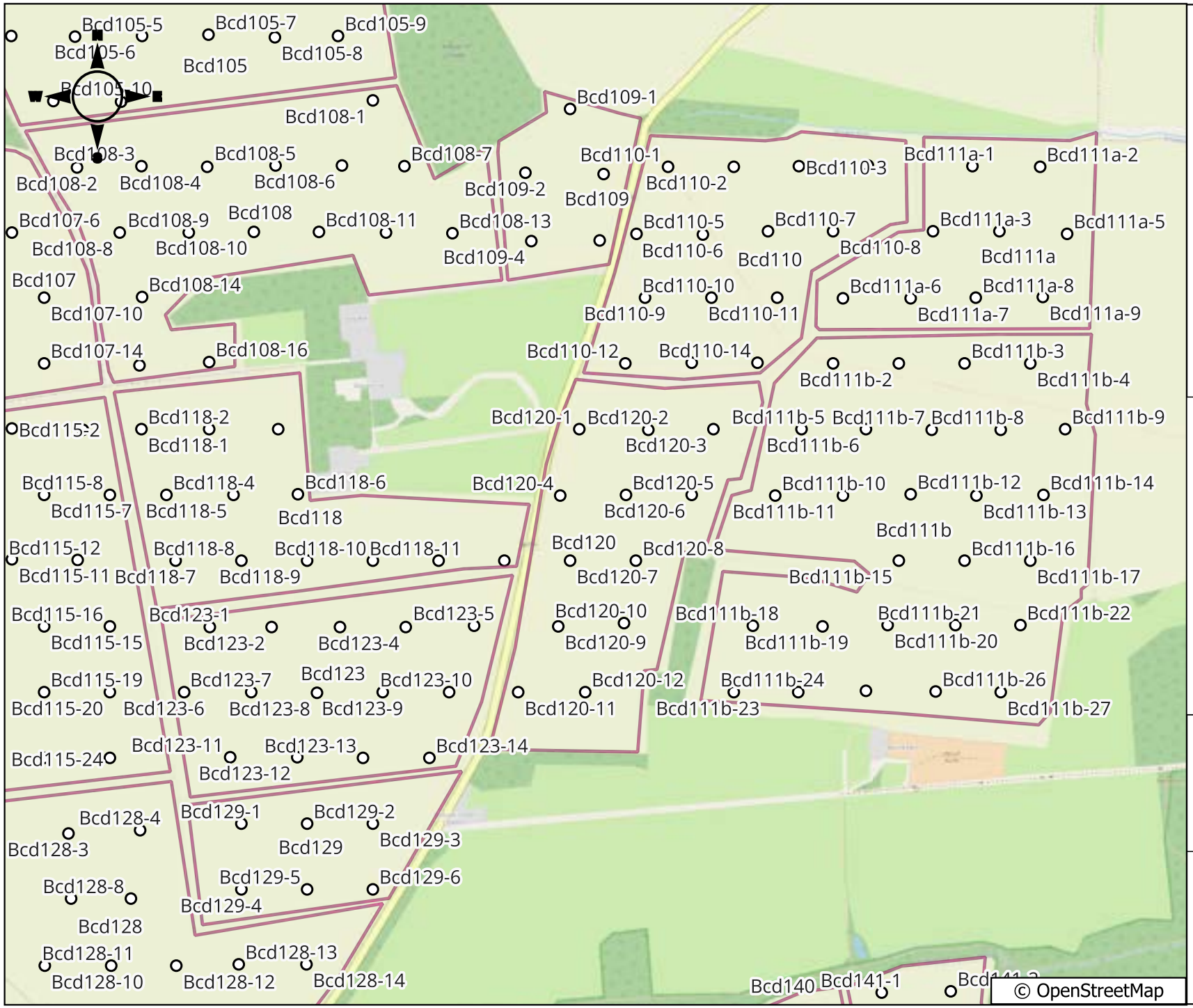
Auger locations

Date: 14 / 06 / 2023

Scale: 1 : 8,000 at A4

ADAS

www.adas.uk



Title

Appendix B - Location of Observations Map 6

Project

Agricultural Land Classification. Western Section, Springwell Solar Farm, Lincolnshire

Client

eDF renewables

Key

Field boundaries

Auger locations

Date: 14 / 06 / 2023

Scale: 1 : 8,000 at A4

ADAS

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Title

Appendix B - Location of Observations Map 7

Project

Agricultural Land Classification. Western Section, Springwell Solar Farm, Lincolnshire

Client

eDF renewables

Key

Field boundaries

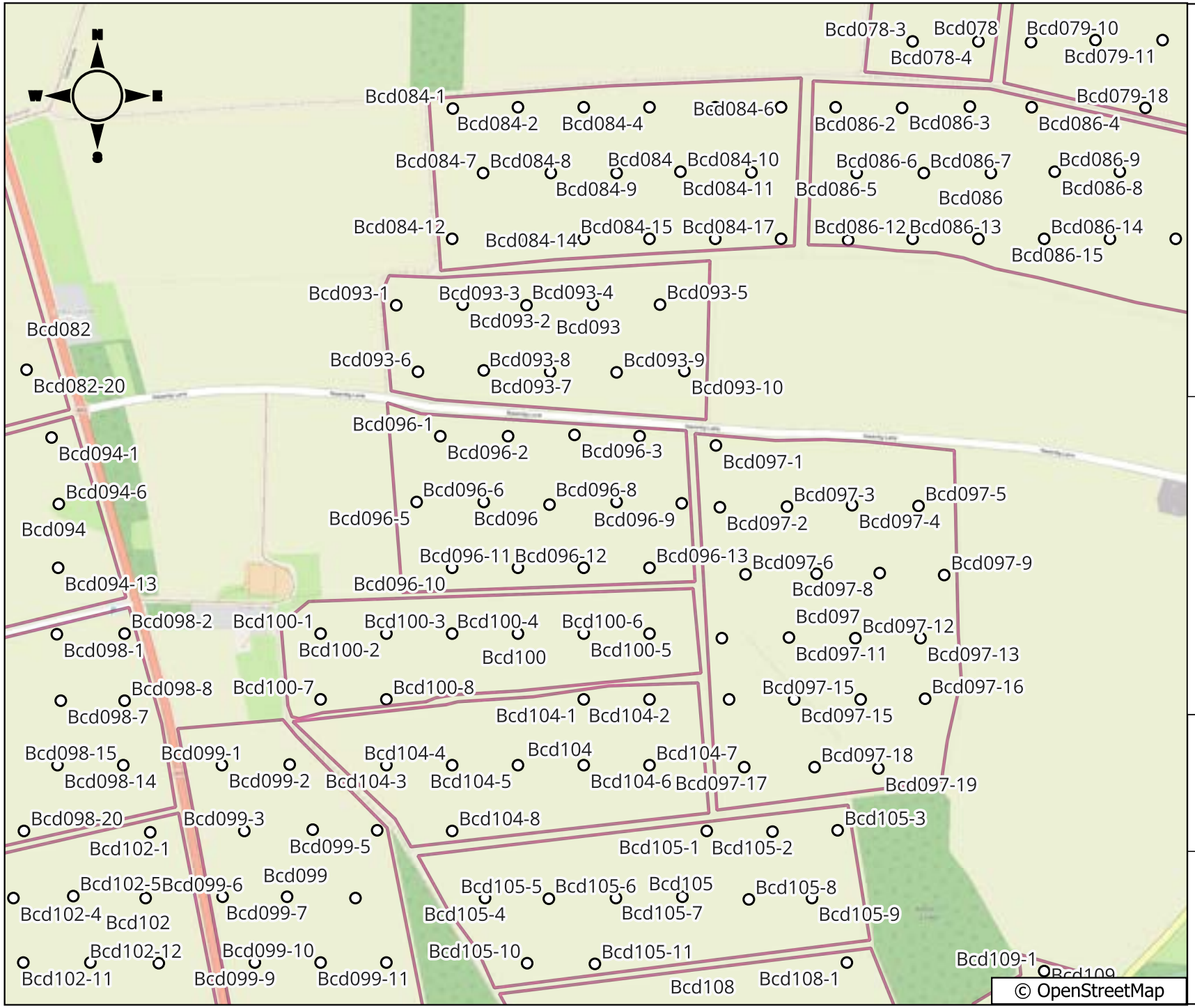
Auger locations

Date: 14 / 06 / 2023

Scale: 1 : 8,000 at A4

ADAS

www.adas.uk



Title

Appendix B - Location of Observations Map 8

Project

Agricultural Land Classification. Western Section, Springwell Solar Farm, Lincolnshire

Client

EDF renewables

Key

Field boundaries

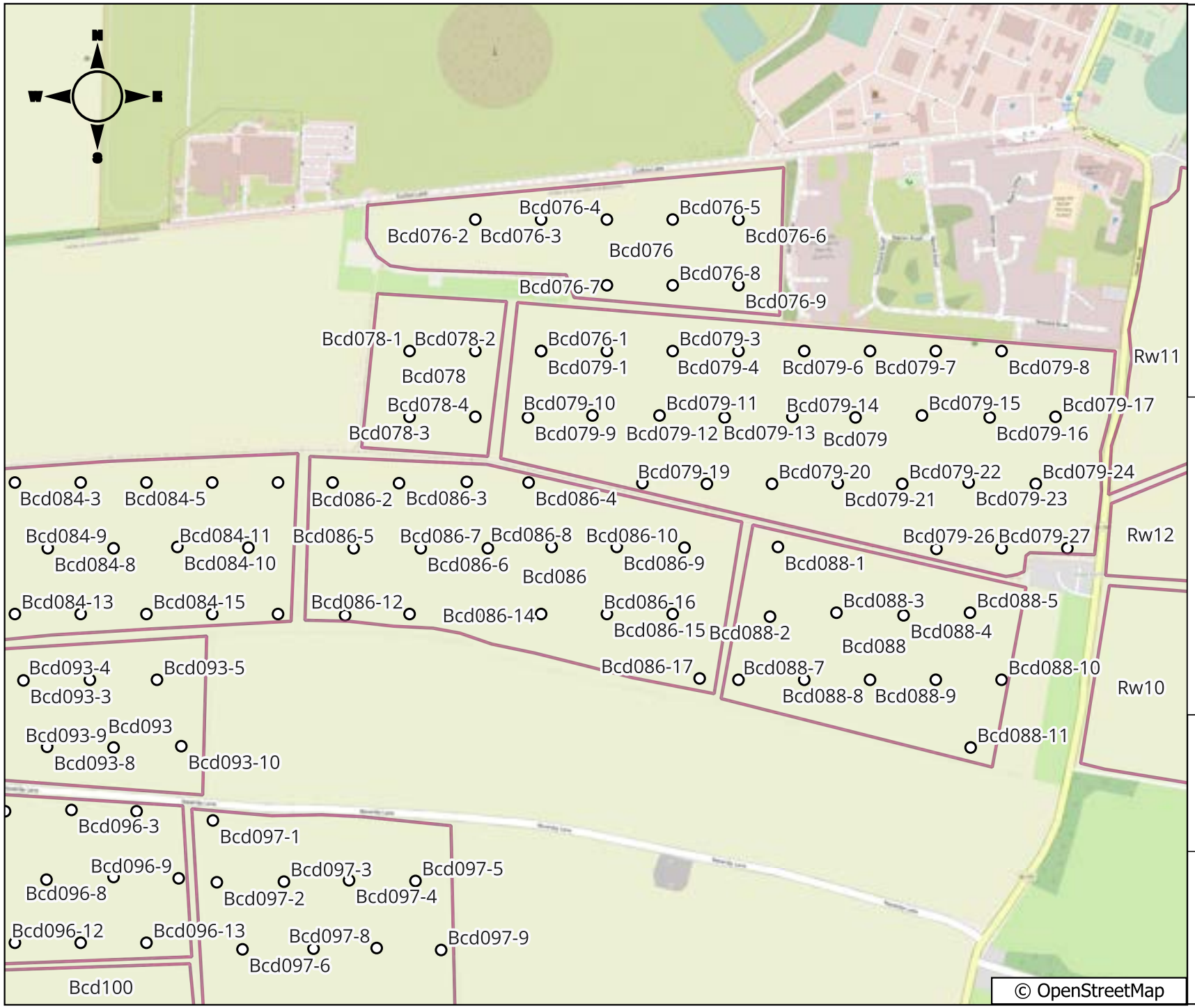
Auger locations

Date: 14 / 06 / 2023

Scale: 1 : 8,000 at A4

ADAS

www.adas.uk



Title

Appendix B - Location of Observations Map 9

Project

Agricultural Land Classification. Western Section, Springwell Solar Farm, Lincolnshire

Client

EDF renewables

Key

Field boundaries

Auger locations

Date: 14 / 06 / 2023

Scale: 1 : 8,000 at A4

ADAS

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Title

Appendix B - Location of Observations Map 10

Project

Agricultural Land Classification. Western Section, Springwell Solar Farm, Lincolnshire

Client

eDF renewables

Key

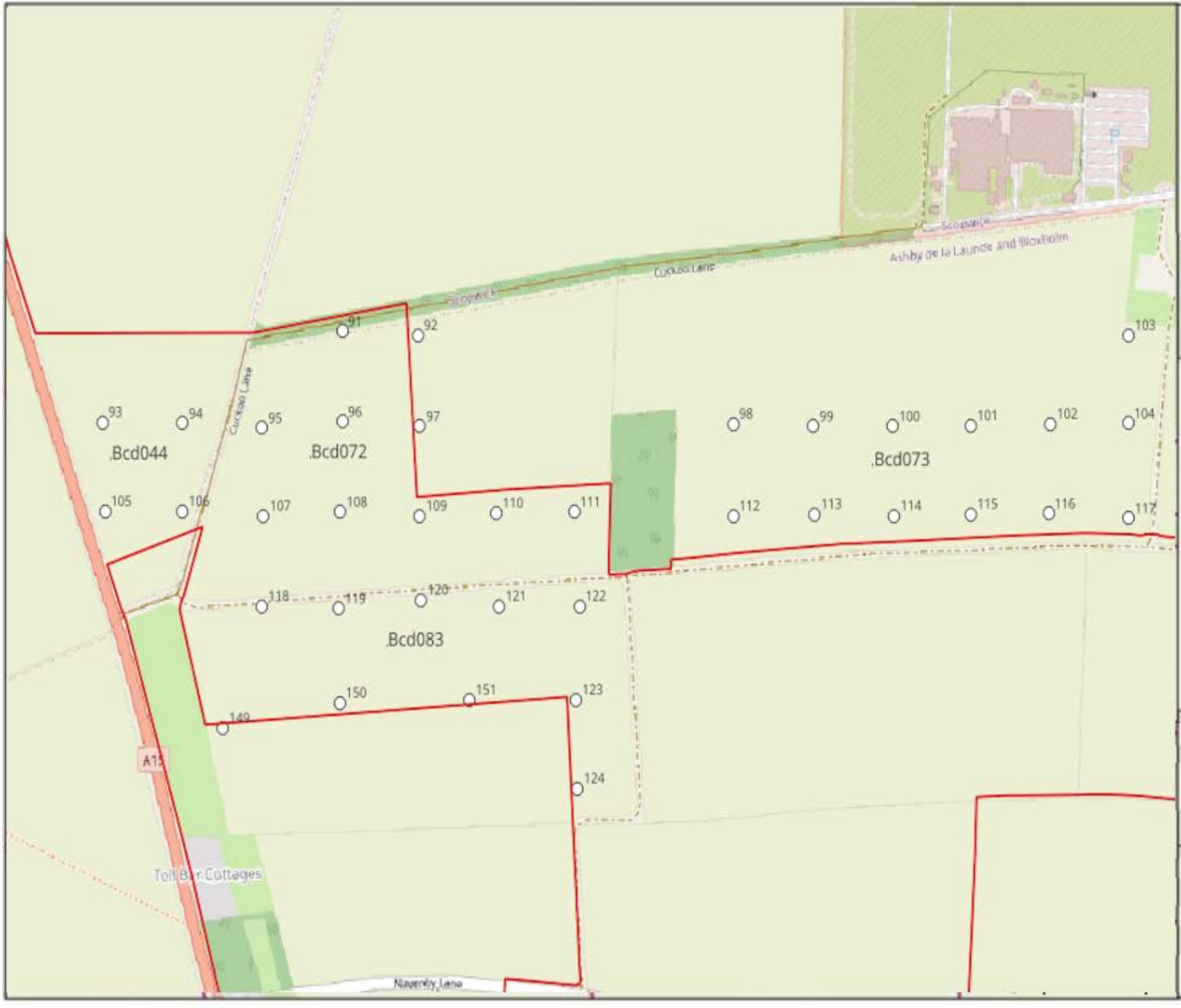
- Field boundaries
- Auger locations

Date: 17 / 10 / 2024

Scale: 1 : 7,000 at A4

ADAS

www.adas.uk



Title

Appendix B - Location of Observations Map 11

Project

Agricultural Land Classification. Western Section, Springwell Solar Farm, Lincolnshire

Client

eDF renewables

Key

Field boundaries

Auger locations

Date: 17 / 10 / 2024

Scale: 1 : 7,000 at A4

ADAS

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Appendix 3 - Map 2: Agricultural Classification Grades

Application Document Ref: EN010149/APP/6.3
Planning Inspectorate Scheme Ref: EN010149

Title

Appendix C - ALC Grade Map North

Project

Agricultural Land Classification. Western Section, Springwell Solar Farm, Lincolnshire

Client

eDF renewables

Key

- Field boundaries
- Grade 2
- Subgrade 3a
- Subgrade 3b

Date: 28 / 03 / 2024

Scale: 1 : 20,000 at A4

ADAS

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Title

Appendix C - ALC Grade Map South

Project

Agricultural Land Classification. Western Section, Springwell Solar Farm, Lincolnshire

Client

eDF renewables

Key

- Field boundaries
- Grade 2
- Subgrade 3a
- Subgrade 3b

Date: 28 / 03 / 2024

Scale: 1 : 20,000 at A4

ADAS

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Appendix 4 - Laboratory Results

Application Document Ref: EN010149/APP/6.3
Planning Inspectorate Scheme Ref: EN010149

ANALYTICAL REPORT

Report Number	**45985-22**	**K754**	**VICTORIA GAULD**
Date Received	**22-NOV-2022**		**RSK ADAS LTD**
Date Reported	**29-NOV-2022**		**MEDEN VALE**
Project	**1010978**		**MANSFIELD**
Reference	**ACRE LANE**		**NOTTINGHAMSHIRE**
Order Number			**NG20 9PD**

Laboratory Reference		**SOIL594131**	**SOIL594132**	**SOIL594133**	**SOIL594134**	**SOIL594135**	**SOIL594136**	**SOIL594137**	**SOIL594138**	**SOIL594139**	**SOIL594140**
Sample Reference		**BCD01-5TS**	**BCD01-22 TS**	**BCD02-15TS**	**BCD106 TS**	**LF04 TS**	**LF04 USS**	**LF04 LSS**	**LF09 TS**	**LF09 USS**	**LF09 LSS**
Determinand	**Unit**	**SOIL**	**SOIL**	**SOIL**	**SOIL**	**SOIL**	**SOIL**	**SOIL**	**SOIL**	**SOIL**	**SOIL**
Coarse Sand 2.00-0.63mm	% w/w	20	12	19	28	1	2	1	1	1	0
Medium Sand 0.63-0.212mm	% w/w	33	45	35	35	15	18	9	16	15	6
Fine Sand 0.212-0.063mm	% w/w	18	18	21	16	23	20	16	63	71	81
Silt 0.063-0.002mm	% w/w	13	10	9	9	19	20	31	7	6	5
Clay <0.002mm	% w/w	16	15	16	12	42	40	43	13	7	8
Textural Class **		mSL	mSL	mSL	cSL	C	C	C	fSL	LfS	LfS

Notes

Analysis Notes

The sample submitted was of adequate size to complete all analysis requested.
The results as reported relate only to the item(s) submitted for testing.
The results are presented on a dry matter basis unless otherwise stipulated.

Document Control

** Please see the attached document for the definition of textural classes.

Reported by

Myles Nicholson

Natural Resource Management, a trading division of Cawood Scientific Ltd.
Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS
Tel: 01344 886338
Fax: 01344 890972
email: enquiries@nrm.uk.com

ANALYTICAL REPORT

Report Number	**75685-23**	**K474**	**SIMON MCMILLAN**
Date Received	**12-JUN-2023**		**RSK ADAS LTD**
Date Reported	**23-JUN-2023**		**26 HOLLY WALK**
Project	**1010978**		**STRATFORD-UPON-AVON**
Reference	**SIMON MCMILLAN**		**WARWICKSHIRE**
Order Number			**CV37 9LR**

Laboratory Reference		**SOIL632549**	**SOIL632550**
Sample Reference		**BCD078-2-TS**	**BCD140-7-TS**
Determinand	**Unit**	**SOIL**	**SOIL**
Sand 2.00-0.063mm	% w/w	72	36
Silt 0.063-0.002mm	% w/w	10	28
Clay <0.002mm	% w/w	18	36
Textural Class **		SCL/SL	C

Notes

Analysis Notes

The sample submitted was of adequate size to complete all analysis requested.
The results as reported relate only to the item(s) submitted for testing.
The results are presented on a dry matter basis unless otherwise stipulated.

Document Control

This test report shall not be reproduced, except in full, without the written approval of the laboratory.

** Please see the attached document for the definition of textural classes.

Reported by

Myles Nicholson

Natural Resource Management, a trading division of Cawood Scientific Ltd.
Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS
Tel: 01344 886338
Fax: 01344 890972
email: enquiries@nrm.uk.com

ADAS (UK) Textural Class Abbreviations

The texture classes are denoted by the following abbreviations:

Class	Code
Sand	S
Loamy sand	LS
Sandy loam	SL
Sandy Silt loam	SZL
Silt loam	ZL
Sandy clay loam	SCL
Clay loam	CL
Silt clay loam	ZCL
Clay	C
Silty clay	ZC
Sandy clay	SC

For the *sand, loamy sand, sandy loam* and *sandy silt loam* classes the predominant size of sand fraction may be indicated by the use of prefixes, thus:

- vf Very Fine (more than 2/3's of sand less than 0.106 mm)
- f Fine (more than 2/3's of sand less than 0.212 mm)
- c Coarse (more than 1/3 of sand greater than 0.6 mm)
- m Medium (less than 2/3's fine sand and less than 1/3 coarse sand).

The subdivisions of *clay loam* and *silty clay loam classes* according to clay content are indicated as follows:

- M medium (less than 27% clay)
- H heavy (27-35% clay)

Organic soils i.e. those with an organic matter greater than 10% will be preceded with a letter O.

Peaty soils i.e. those with an organic matter greater than 20% will be preceded with a letter P.

Appendix 5 - Moisture Deficit Values for Springwell West

Application Document Ref: EN010149/APP/6.3
Planning Inspectorate Scheme Ref: EN010149

Field name	Area (ha)	Easting*	Northing*	Field Capacity Days	Moisture Deficit Wheat (mm)	Moisture Deficit Potatoes (mm)
Bcd01	27.2	501545	355933	122	114	107
Bcd02	50.7	502087	356175	121	114	107
Bcd027	17.6	501646	358101	123	108	100
Bcd031	18.8	501678	357859	123	108	100
Bcd032	4.4	501464	357540	123	108	100
Bcd032	5.1	502025	357719	123	109	100
Bcd036	9.0	501530	357219	123	108	100
Bcd036	8.7	502069	357357	123	109	100
Bcd042	5.1	501630	356887	124	109	100
Bcd042	4.5	502126	356987	123	109	100
Bcd044	4.1	502607	356177	123	109	100
Bcd045	15.2	501988	356663	124	109	100
Bcd072	11.9	502908	356166	123	109	100
Bcd073	10.3	503606	356170	123	110	101
Bcd076	9.8	504262	356410	120	115	108
Bcd078	4.6	503996	356203	120	115	108
Bcd079	27.4	504587	356122	119	115	109
Bcd082	30.0	502256	355669	121	113	107
Bcd083	6.8	503002	355961	123	109	101
Bcd084	14.2	503508	355942	120	115	108
Bcd086	16.9	504130	355914	120	115	108
Bcd088	11.6	504665	355792	119	115	109
Bcd093	10.2	503417	355687	120	115	108
Bcd094	20.7	502367	355342	121	114	107
Bcd096	11.3	503390	355436	120	115	108
Bcd097	20.3	503830	355267	119	115	109
Bcd098	21.2	502473	355052	121	114	107
Bcd099	12.2	503021	354861	120	115	108
Bcd100	9.4	503304	355221	120	115	108
Bcd102	20.5	502578	354737	120	114	108
Bcd104	11.0	503373	355045	120	115	108
Bcd105	13.0	503570	354841	119	115	109
Bcd106	19.4	502684	354387	120	114	108
Bcd107	16.5	503190	354457	120	115	108
Bcd108	18.3	503687	354571	119	115	109
Bcd109	4.5	504151	354607	119	115	109
Bcd110	12.7	504414	354515	119	115	109
Bcd111a	9.4	504784	354519	119	115	109
Bcd111b	29.0	504682	354088	119	115	109
Bcd114	13.1	502818	354007	120	114	108
Bcd115	24.9	503286	353978	120	115	108
Bcd118	12.5	503715	354127	119	115	109
Bcd120	14.0	504229	354049	119	115	109
Bcd123	13.1	503798	353849	119	115	109

Bcd127	19.9	502986	353519	120	114	108
Bcd128	23.9	503432	353433	119	115	109
Bcd129	6.4	503764	353605	119	115	109
Bcd138	8.3	503509	353078	119	115	109
Bcd139	13.6	503951	353187	119	115	109
Bcd140	9.7	504409	353220	119	115	109
Bcd141	5.6	504708	353284	119	115	109
Tb3	22.7	502205	353819	120	114	107
Tb4	23.1	502611	353701	120	114	108
Tb5	22.5	502448	353300	120	114	108
E1	17.7	503759	352805	120	114	107
E1a	20.8	504280	352687	120	114	107
E2	14.8	504475	353014	120	114	107
W1	17.6	503196	352694	120	113	107
W2	14.5	503502	352221	120	114	107

* Centre of field

Springwell
Solar Farm

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Application Document Ref: EN010149/APP/6.3

Planning Inspectorate Scheme Ref: EN010149