

One Earth Solar Farm

Volume 6.0 Environmental Statement [EN010159]

Volume 3: Technical Appendices Supporting ES Volume 2

Appendix 8.3: Agricultural Land Classification Survey Report

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Executive Summary

ADAS have been instructed by RSK on behalf of One Earth Solar Farm Ltd. to undertake an Agricultural Land Classification survey of land to the west of Lincoln, Lincolnshire. The survey covers 1240 hectares of land to the south, south-east and south-west of Dunham on Trent and Newton on Trent.

The survey has identified six principal soil types at this site; clayey soils, medium loamy over clayey soils; light loamy over sandy soils; sandy soils; medium loamy soils; and light loamy over clayey soils.

These soils form agricultural land of Grade 2 (244.8 ha, 20.4%), Subgrade 3a (416.1 ha, 34%), Subgrade 3b (579.5 ha, 47%) quality. The principal limitations to agricultural use of the land are soil droughtiness, soil wetness and, less commonly, flood risk.

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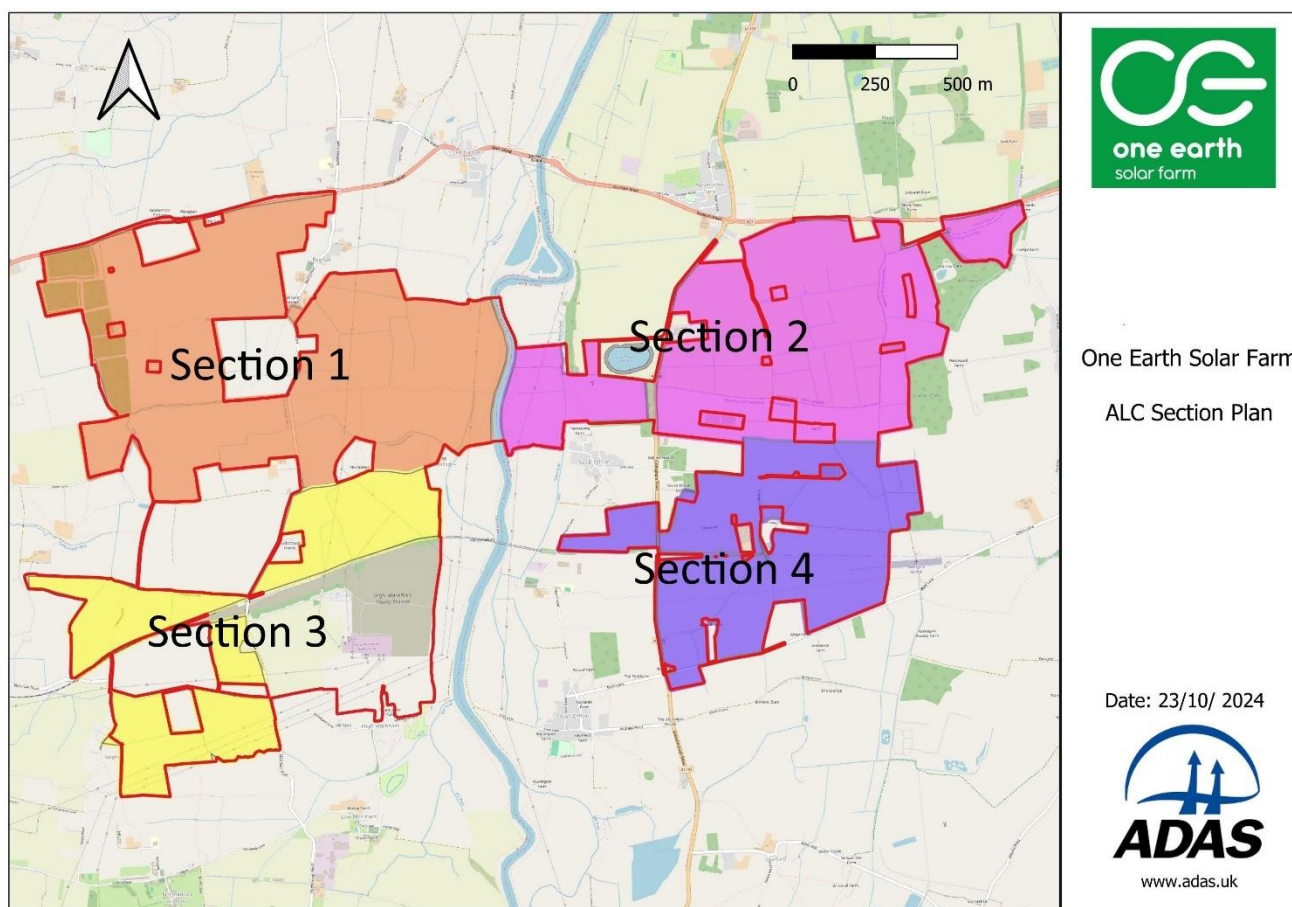
APPENDIX G - Laboratory PSD Results

1. Introduction

1.1 Project Background

- 1.1.1 One Earth Solar Farm is a proposed new solar energy farm. The project will involve the installation, operation (including maintenance) and decommissioning of solar photovoltaic (PV) panels, Battery Energy Storage Systems (BESS) onsite substations and associated grid connection infrastructure which will allow for the generation and export of electricity to the proposed National Grid High Marnham Substation (hereafter 'the Proposed Development').
- 1.1.2 ADAS have been instructed by RSK on behalf of One Earth Solar Farm Ltd to undertake an Agricultural Land Classification survey.
- 1.1.3 The total area of the Proposed Development is approximately 1,400 hectares. The ALC survey has been undertaken on agricultural land which covers 1,240 hectares and is split into four sections 1, 2, 3 & 4 – the north-west, north-east, south west and south-east of the survey area respectively – see image 1.

Image 1. Sections plan



- 1.1.4 This report is based on a survey of the land undertaken between Summer 2023 and Summer 2024.

1.2 Site Environment

- 1.2.1 The survey spans 144 agricultural fields to the west of Lincoln, Lincolnshire; between the villages of Darlton to the north-west, Thorney to the east, Skegby to the south-west and South-Clifton to the south. The River Trent flows in a northerly direction through the centre of the site. The land is level to gently undulating throughout, with the elevation across the site ranging from approximately 5-20 m AOD. The land is bordered mostly by adjoining agricultural land, with some minor roads and farm tracks. The A57 runs east-west along the northern boundary of the survey area.

1.3 Agricultural Use

- 1.3.1 At the time of survey, the land was supporting winter cereals, sugar beet, potatoes, turf and grass for grazing.

1.4 Published Information

Geology

- 1.4.1 1:50,000 scale British Geological Survey (BGS)¹ information records the bedrock geology of the majority of this site as Mercia Mudstone Group; sedimentary bedrock formed between 252.2 and 201.3 million years ago during the Triassic period.
- 1.4.2 Bedrock at the far east of the site near Thorney is mapped as Scunthorpe Mudstone Formation; interbedded sedimentary mudstone and limestone formed between 209.5 and 190.8 million years ago during the Triassic and Jurassic periods. See Image 2.
- 1.4.3 Superficial deposits are mapped by BGS across most of the site. Sand and gravel are reported over bedrock in the eastern half of the site, with deposits of clay, silt and sand mapped adjacent to the River Trent and locally to the west. See Image 3.

¹ <https://geologyviewer.bgs.ac.uk/>

Image 2. Bedrock geology

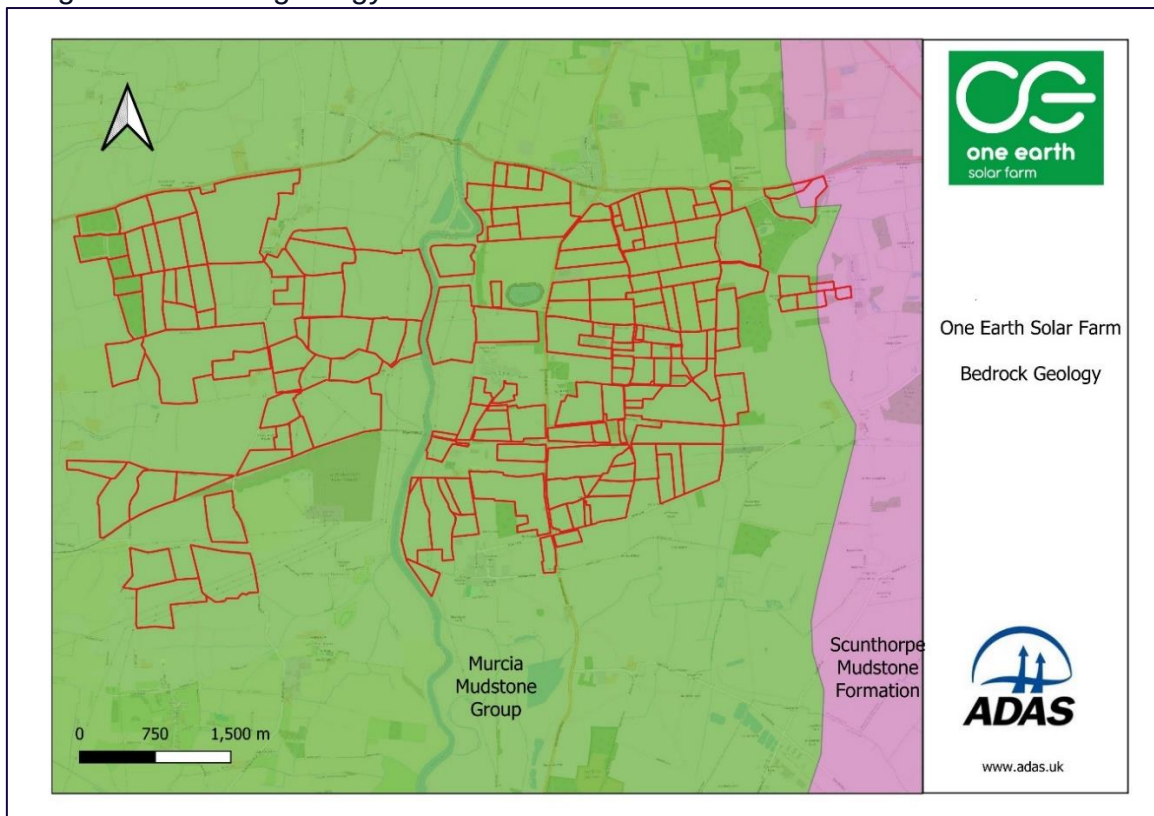
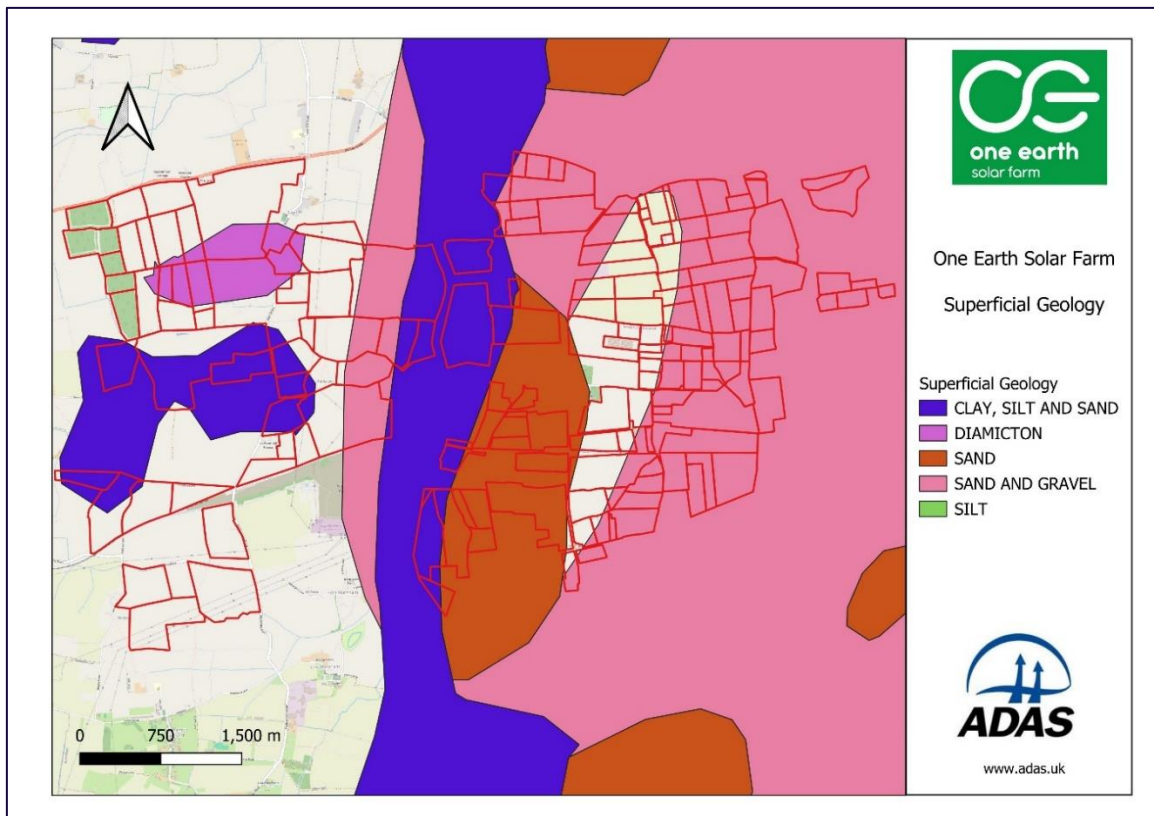


Image 3. Superficial geology

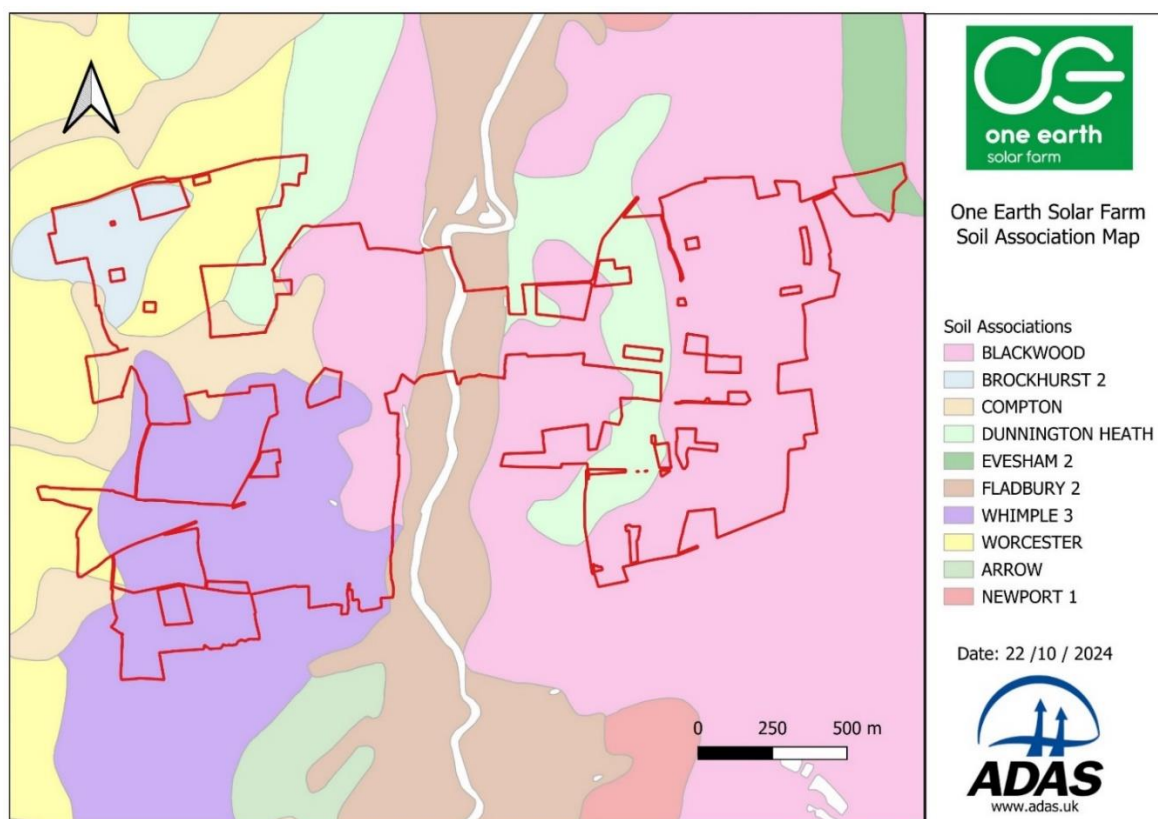


Soils

- 1.4.4 The National Soils Map², published at 1:250,000 scale, records the land within the survey area as belonging to eight soil associations; Blackwood, Dunnington Heath, Fladbury 2, Whimble 3, Compton, Brockhurst 2, Worcester and Evesham 2. See image 4.
- 1.4.5 The majority of the land to the east of the River Trent is mapped as Blackwood Association, along with a further area to the west of the River Trent. Blackwood soils are typically deep, permeable, sandy and coarse loamy soils, with groundwater often controlled by ditches. Blackwood soils suffer from fluctuating groundwater, which depends on seasonal rainfall and the depth to impermeable material below.
- 1.4.6 Dunnington Heath soils are mapped down the centre of the eastern side of the survey area, as well as in a small area at the north of Section 1. Dunnington Heath soils are typically reddish, coarse and fine loamy over clayey soils, with slowly permeable subsoils and slight seasonal waterlogging.
- 1.4.7 Fladbury 2 soil association is mapped adjacent to the River Trent to the east and west. These soils are stoneless, clayey soils variably affected by groundwater, some with sandy subsoils, often found on flat land at risk of flooding.
- 1.4.8 Whimble 3 soils are mapped across much of the southern half of the section to the west of the River Trent. These are typically reddish, fine loamy or fine silty over clayey soils, with slowly permeable subsoils and slight seasonal waterlogging.
- 1.4.9 Compton soils are mapped to the west of the River Trent, across the centre of Section 1. Compton Association soils are stoneless, mostly reddish clayey soils affected by groundwater, often on flat land at risk of flooding.
- 1.4.10 Brockhurst 2 and Worcester soil association soils are found in the north-west of Section 1. Brockhurst soils are slowly permeable, seasonally waterlogged reddish fine loamy over clayey and clayey soils. Worcester soils are typically slowly permeable, reddish clayey soils over mudstone, with a slight risk of water erosion.
- 1.4.11 Evesham soils are mapped in a single field in the north-east corner of Section 2 and are slowly permeable, seasonally waterlogged, clayey, fine loamy or fine silty over clayey soils.

² <https://www.landis.org.uk/data/natmap.cfm>

Image 4. Soil Map



Previous Agricultural Land Classification

- 1.4.12 No detailed post-1988 Agricultural Land Classification is publicly available for this site.
- 1.4.13 An Agricultural Land Classification survey was carried out 600m south of the surveyed area covering approximately 132 hectares of land to the south of South Clifton. Soils across this land are predominantly mapped as belonging to the Fladbury 2 soil association. The survey reported 55.89 ha of Subgrade 3a, 75.14 ha of Subgrade 3b and 0.65 ha of Grade 4 quality land.
- 1.4.14 A further ALC survey was conducted near North Scarle in 1989 of a restored sand and gravel pit, approximately 3 km south of the survey area. This survey studied an area of 6.79 ha and reported 4.57 ha of Subgrade 3b and 2.22 ha of Grade 4 quality land.
- 1.4.15 No further detailed post-1988 Agricultural Land Classification surveys have been reported within 6 km of the survey area.

- 1.4.16 The Provisional ALC map³, published at 1:250,000 scale, records almost the entire site (96%) as Grade 3 quality land, with small areas of Grade 4 quality land in the north and south-east of the area.

Flood Risk

- 1.4.17 Flood defences have been constructed to the west of the River Trent, protecting Sections 1 and 2 from direct river flooding.
- 1.4.18 Land to the immediate east of the River Trent in Section 3 is low lying and prone to flooding. This land has been subject to many significant flood events; including in recent years December 2012, November 2019, February 2021 and January 2024.

³ <https://publications.naturalengland.org.uk/file/127055>

2. Methodology

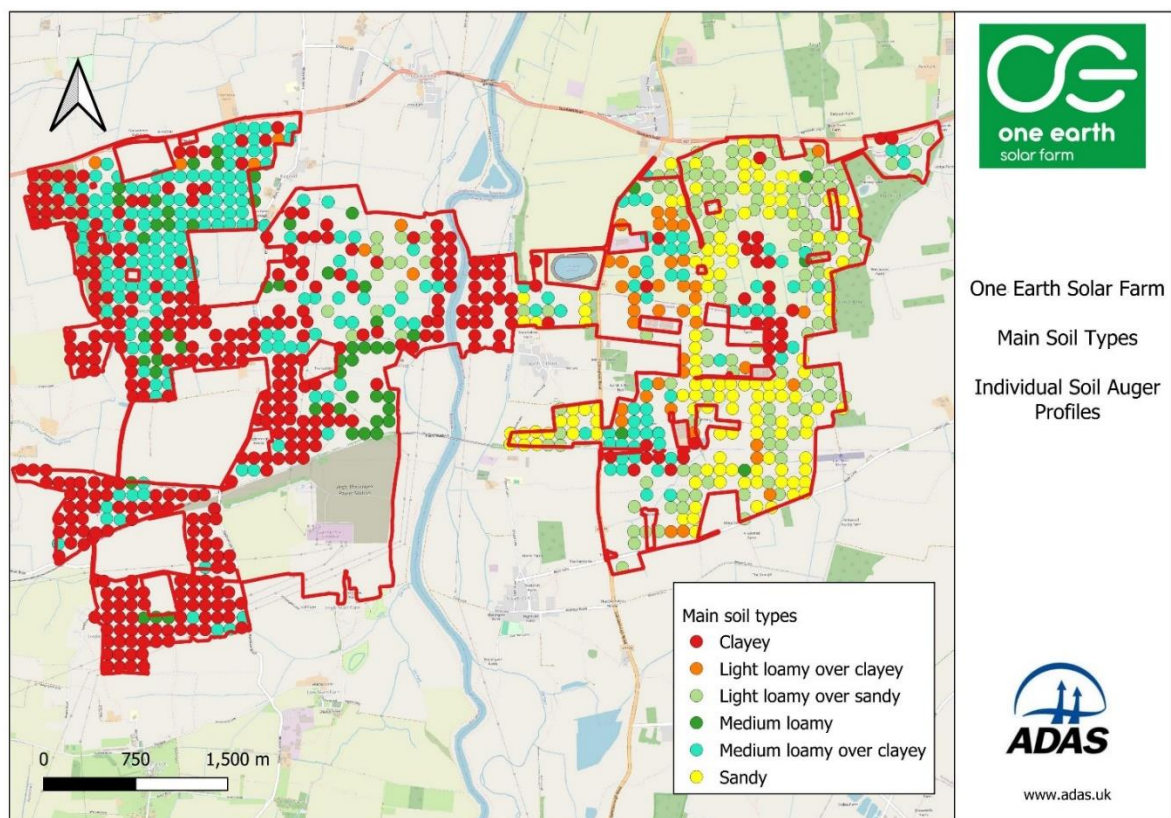
- 2.1.1 A soil survey was carried out between June 2023 and September 2024. The survey was based on observations at intersects of a 100 m grid giving a sampling density of one assessment per hectare. During the survey, soils were examined via a combination of auger borings and soil description pits to a maximum depth of 1.2 m. A log of the details of each observation point is attached to this report as Appendix E. A map showing the location of each observation point is attached to this report as Appendix A.
- 2.1.2 Soil samples were taken from the soil description pits and submitted to NRM Laboratories for particle size distribution (PSD) analysis by the pipette method to confirm soil textures. The results of the analyses are given in Appendix F.

3. Soils

There are six principal soil types found within the surveyed area, covering approximately 75% of the land: clayey soils, medium loamy over clayey soils; light loamy over sandy soils; sandy soils; medium loamy soils; and light loamy over clayey soils. The remaining land has multiple permutations of sandy, loamy and clayey textures within the soil profile, without any making up more than 2% of the surveyed land.

- 3.1.1 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) from the site climatic data (Table 1 at 4.2.2) and the available water capacity (AWC) calculated for each pit profile.

Image 5. Main Soil Types



3.2 Clayey soils

- 3.2.1 Soils with clayey (clay, heavy clay loam and heavy silty clay loam) topsoils overlying clayey subsoils are found across approximately 29% of the survey area, predominantly to the west of the River Trent.

- 3.2.2 They are present in the majority of land mapped as belonging to the Whimple 3, Fladbury 2, Compton, Brockhurst and Worcester soil associations.
- 3.2.3 Clayey soil profiles are also found across an area of approximately 33 hectares in Section 2 – land mapped as belonging to the sandy Blackwood association in the National Soils Map.
- 3.2.4 The clayey soils have have restricted drainage with a slowly permeable layer and almost all of this land (95%) belongs to Wetness Class III, limiting it to ALC Subgrade 3b based on soil wetness.

Examples of these soils are shown in the pit descriptions below.

- 3.2.5 Soil Profile Pit 1, Field SP1B, NGR 479998,374000

Depth (cm)	Details
0 – 29	Brown (7.5YR4/2) clay; non-calcareous; 2% medium rounded hard stones; firm; moderately developed very coarse sub-angular blocky structure; few very fine fibrous roots; greater than 0.5% biopores greater than 0.5mm diameter, clear smooth boundary to:
29 – 120	Reddish brown (5YR4/3) clay; non-calcareous; 5% soft silt stones; few very fine fibrous roots; common ferrimanganiferous concretions; gleyed ped faces; extremely firm; massive structure; less than 0.5% biopores greater than 0.5mm diameter.

FCDs = 110. Wetness Class III, Wetness Grade 3b.

MDW 117, MBW = 6.1 mm. MDP 112, MBP = -11.7 mm. Droughtiness Grade 2.

ALC Grade = 3b, limited by soil wetness

- 3.2.6 Soil Profile Pit 3, Field STJ1C, NGR 478298,373417

Depth (cm)	Details
0 – 25	Brown (7.5YR4/2) heavy clay loam; non-calcareous; 5% rounded hard stones; extremely firm; very coarse angular blocky structure; few very fine fibrous roots; greater than 0.5% biopores greater than 0.5mm diameter, clear smooth boundary to:

25 – 120 Reddish brown (5YR5/4) clay; non-calcareous; 5% soft silt stones; few very fine fibrous roots; few faint mottles and common ferrimanganiferous concretions; extremely firm; weakly developed coarse prismatic structure; gleyed ped faces; less than 0.5% biopores greater than 0.5mm diameter.

FCD = 111. Wetness Class III, Wetness Grade 3b.

MDW 116, MBW = 7.1 mm. MDP 110, MBP = -10.0 mm. Droughtiness Grade 2.

ALC Grade = 3b, limited by soil wetness

3.3 Medium loamy over clayey soils

- 3.3.1 Medium loamy (sandy clay loam and medium clay loam) topsoils overlying clayey subsoils are distributed across the survey area, making up approximately 17% of soils.
- 3.3.2 Although occasionally found within all soil associations, these soils are mostly within land mapped as Worcester and Dunnington Heath soil associations.
- 3.3.3 These soils typically have sandy clay loam or medium clay loam textured topsoils overlying clayey subsoils below 30-40cm depth.
- 3.3.4 Most of the land with this soil type that is mapped within the Worcester soil association is imperfectly draining and belongs to Wetness Class III. This is where gleying occurs within 40cm and there is a slowly permeable layer commencing within 57cm of the soil surface.
- 3.3.5 Where this soil type is found in Dunnington Heath mapped land, they predominantly belong to Wetness Class II. These soils frequently have medium loamy upper subsoils overlying clay lower subsoils and are not gleyed within 40cm of the soil surface.

Examples of these soils are shown in the pit descriptions below

- 3.3.6 Soil Profile Pit 19, Field WO1H, NGR 484087,373147

Depth (cm)	Details
0 – 35	Brown (7.5YR4/2) sandy clay loam; non-calcareous; 1% hard stones; extremely firm; weakly developed coarse sub-angular blocky

structure; few fine fibrous roots; greater than 0.5% biopores greater than 0.5mm diameter, wavy smooth boundary to:

35 – 100 Dark reddish grey (5YR4/2) and yellowish red (5YR4/6) clay; non-calcareous; 5% soft weathered stones; few fine fibrous roots; common ferrimanganiferous concretions; extremely firm; moderately developed very coarse prismatic structure; less than 0.5% biopores greater than 0.5mm diameter.

Field Capacity Days (FCDs) = 110. Wetness Class III, Wetness Grade 3a.

MDW 116, MBW = 9.0 mm. MDP 110, MBP = -8.1 mm. Droughtiness Grade 2.

ALC Grade = 3a, limited by soil wetness

3.3.7 Soil Profile Pit 21, Field WE7E, NGR 484306,373006

Depth (cm)	Details
0 – 32	Greyish brown (10YR4/2) sandy clay loam; non-calcareous; 1% small angular hard stones; friable; moderately developed coarse sub-angular blocky structure; common very fine fibrous roots; greater than 0.5% biopores greater than 0.5mm diameter, sharp smooth boundary to:
32 – 78	Light brownish grey (10YR6/2) and grey (10YR6/1) clay; non-calcareous; stoneless; few very fine fibrous roots; very many strong brown (75YR5/8) mottles; very firm; very well developed coarse columnar structure; less than 0.5% biopores greater than 0.5mm diameter; clear wavy boundary to:
78 – 100	Grey (10YR5/1) clay, non-calcareous; stoneless; very many strong brown (75YR5/8) mottles; extremely firm; well developed coarse columnar structure; no visible roots; less than 0.5% biopores greater than 0.5mm diameter.

FCDs = 110. Wetness Class III, Wetness Grade 3a.

MDW 116, MBW = 13.1 mm. MDP 110, MBP = -7.7 mm. Droughtiness Grade 2.

ALC Grade = 3a, limited by soil wetness

3.4 Light loamy over sandy soils

- 3.4.1 Light loamy (sandy loam) topsoils overlying sandy (sand and loamy sand) subsoils are found almost exclusively in land mapped as belonging to the Blackwood soil association and make up approximately 11% of soils across the survey area.
- 3.4.2 These soils are free draining, with most belonging to Wetness Class I.
- 3.4.3 However, some of these sandy soils are found in locations with a high, fluctuating water table and have been placed into Wetness Classes II or III. Wetness Class II soil profiles are likely to lie wet within 70cm of the soil surface for more than 90 days, but not wet within 40 cm for more than 30 days in most years. Wetness Class III soils are likely to lie wet within 70cm of the soil surface for more than 180 days, but only wet within 40 cm for between 31 and 90 days in most years . With sandy loam topsoils, soil wetness limits this land to ALC Grade 2 when the Wetness Class is III. However, soil droughtiness limits these soils with sandy subsoils to ALC Subgrade 3a or 3b.

An example of these soils is shown in the pit description below

- 3.4.4 Soil Profile Pit 10, Field DHG1B, NGR 480998,372201

Depth (cm)	Details
0 – 35	Dark brown (7.5YR3/2) loamy medium sand; non-calcareous; 2% small rounded hard stones; very friable; moderately developed medium sub-angular blocky breaking to coarse granular structure; many fine fibrous roots; greater than 0.5% biopores greater than 0.5mm diameter, sharp smooth boundary to:
35 – 70	Brown (7.5YR4/2) medium sandy loam; non-calcareous; 2% very small sub-rounded hard stones; few very fine fibrous roots; very many ochreous mottles and ferrimanganiferous concretions; very friable; moderately developed medium angular blocky structure; greater than 0.5% biopores greater than 0.5mm diameter; gradual wavy boundary to:
70 – 120	Pinkish grey (7.5YR7/2) medium sand, non-calcareous; 1% hard stones; very many ochreous mottles and ferrimanganiferous concretions; very friable; weakly developed medium angular blocky structure; no visible roots; greater than 0.5% biopores greater than 0.5mm diameter.

FCDs = 110. Wetness Class III (ground water affected), Wetness Grade 2.

MDW 117, MBW = -8.9 mm. MDP 112, MBP = -15.8 mm. Droughtiness Grade 3a.

ALC Grade = 3a, limited by soil droughtiness

3.5 Sandy soils

- 3.5.1 Soils with a sandy (sand or loamy sand) profile are only found to the east of the River Trent in land mapped as belonging to the Blackwood soil association, and make up approximately 9% of the survey area.
- 3.5.2 Sandy soils across the survey area become increasingly sandy with depth, typically with loamy sand topsoils overlying loamy sand and sand subsoils.
- 3.5.3 These soils are free draining, with most of the land belonging to Wetness Class I, with no soil wetness limitation to agriculture. However, a high, fluctuating water table in several parts of the survey area to the east of the River Trent, limits the land to Wetness Classes II or III. Wetness Class II soil profiles are likely to lie wet within 70cm of the soil surface for more than 90 days, but not wet within 40 cm for more than 30 days in most years. Wetness Class III soils are likely to lie wet within 70cm of the soil surface for more than 180 days, but only wet within 40 cm for between 31 and 90 days in most years. With loamy sand topsoil textures, land quality in these areas is limited by soil wetness to ALC Grade 2 when the Wetness Class is III. However droughtiness limits all of these sandy soils to ALC Subgrade 3a or worse.
- 3.5.4 Approximately half of sandy soils within the surveys area are limited by soil droughtiness to ALC Subgrades 3a, 3b or Grade 4.

Examples of these soils are shown in the pit descriptions below.

- 3.5.5 Soil Profile Pit 26, Field CR9F, NGR 484056,371804

Depth (cm)	Details
0 – 36	Dark brown (7.5YR3/2) loamy medium sand; non-calcareous; 1% rounded hard stones; very friable; very weakly developed fine sub-angular blocky structure; few fine fibrous roots; greater than 0.5% biopores greater than 0.5mm diameter; abrupt smooth boundary to:
36 – 70	Light grey (10YR7/1) and light brownish grey (10YR6/2) medium sand; non-calcareous; stoneless; few fine fibrous roots; many ochreous mottles and ferrimanganiferous concretions; very friable; very weakly developed very coarse prismatic structure; greater than 0.5% biopores greater than 0.5mm diameter; diffuse boundary to:
70 – 100	Light grey (10YR7/1) medium sand; non-calcareous; 1% hard stones; friable; common ochreous mottles and ferrimanganiferous concretions; weakly developed coarse prismatic structure; no visible

roots; greater than 0.5% biopores greater than 0.5mm diameter, clear wavy boundary to:

FCDs = 110. Wetness Class III (ground water affected), Wetness Grade 2.

MDW 116, MBW = -35.0 mm. MDP 111, MBP = -46.6 mm. Droughtiness Grade 3b.

ALC Grade = 3b, limited by soil droughtiness

3.5.6 Soil Profile Pit 15, Field WE5A, NGR 483918,373807

Depth (cm)	Details
0 – 40	Dark brown (7.5YR3/2) and (2.5Y2.5/1) black loamy medium sand; non-calcareous; 1% hard stones; very friable; very weakly developed coarse angular blocky structure; few fine fibrous roots; greater than 0.5% biopores greater than 0.5mm diameter; clear smooth boundary to:
40 – 100	Light brown (7.5YR6/3) medium sand; non-calcareous; stoneless; few fine fibrous roots; common strong brown (7.5YR5/6) mottles and ferrimanganiferous concretions; friable; very weakly developed medium angular blocky structure; greater than 0.5% biopores greater than 0.5mm diameter.

FCDs = 110. Wetness Class III (ground water affected), Wetness Grade 2.

MDW 116, MBW = -30.9 mm. MDP 110, MBP = -42.7 mm. Droughtiness Grade 3b.

ALC Grade = 3b, limited by soil droughtiness

3.6 Medium loamy soils

- 3.6.1 Medium loamy (sandy clay loam, medium clay loam and medium silty clay loam) topsoils overlying similar upper subsoils are mostly found in land mapped as belonging to the Blackwood and Worcester soil associations. These make up approximately 4% of soils across the survey area.
- 3.6.2 These soils are freely to moderately free draining, belonging to Wetness Class I or II. With medium textured topsoils, they fall into ALC wetness grade 2.
- 3.6.3 Medium textured soils at this location are only slightly affected by drought and are placed in ALC Grade 2 for soil droughtiness.

An example of these soils is shown in the pit description below

3.6.4 Soil Profile Pit 11, Field DHG2C, NGR 479195,372100

Depth (cm)	Details
0 – 31	Dark brown (7.5YR3/2) medium sandy loam; non-calcareous; 1% small rounded hard stones; friable; weakly developed coarse angular blocky structure; few fine fibrous roots; greater than 0.5% biopores greater than 0.5mm diameter; clear smooth boundary to:
31 – 75	Brown (7.5YR4/4) sandy clay loam; non-calcareous; 1% small and medium rounded hard stones; few fine fibrous roots; few greyish and ochreous mottles; very friable; weakly developed medium sub-angular blocky structure; greater than 0.5% biopores greater than 0.5mm diameter; gradual irregular boundary to:
75 – 120	Dark reddish brown (2.5YR3/4) clay; non-calcareous; stoneless; few ochreous mottles and ferrimanganiferous concretions; moderately developed coarse sub-angular blocky structure; no visible roots; less than 0.5% biopores greater than 0.5mm diameter.

FCDs = 111. Wetness Class I, Wetness Grade 1.

MDW 117, MBW=41.6mm; MDP 112, MBP=13.6mm. Droughtiness Grade 1.

ALC Grade = 1

3.7 Light loamy over clayey soils

- 3.7.1 Light loamy (sandy loam) over clayey soils are present in approximately 4% of the surveyed land; predominantly in land mapped as Dunnington Heath soil association
- 3.7.2 These soils either have light loamy topsoil and upper subsoil over clayey lower subsoil, or light loamy topsoils directly over clayey subsoils.
- 3.7.3 This land is moderately free to imperfectly draining, dependent on the depth to a slowly permanent layer and mostly belong to Wetness Class II or III. With sandy loam topsoils, they fall into ALC wetness grade 1 or 2 respectively.
- 3.7.4 Land with this soil type with heavily textured subsoils is slightly to moderately affected by drought. Areas with deeper light loamy upper soils are more susceptible to summer droughtiness and are limited to ALC Drought Subgrade 3a. Land with clayey textured soil within approximately 60cm of the soil surface are typically limited by droughtiness to ALC Grade 2.

Examples of these soils are shown in the pit descriptions below.

3.7.5 Soil Profile Pit 2, Field STJ1E, NGR 478891,373605

Depth (cm)	Details
0 – 29	Dark yellowish brown (10YR4/4) medium sandy loam; non-calcareous; 5% sub-rounded hard stones; friable; weakly developed very coarse sub-angular blocky structure; few very fine fibrous roots; greater than 0.5% biopores greater than 0.5mm diameter, clear smooth boundary to:
29 – 50	Reddish brown (5YR4/4) and brown (75YR4/2) sandy clay loam; non-calcareous; 10% sandstones; few very fine fibrous roots; friable; moderately developed coarse angular blocky structure; greater than 0.5% biopores greater than 0.5mm diameter; gradual smooth boundary to:
50 – 120	Reddish brown (5YR5/3) and dark reddish grey (5YR4/2) clay, non-calcareous; 3% sandstones; common ferrimanganiferous concretions; firm; moderately developed coarse sub-angular blocky structure; few very fine fibrous roots; less than 0.5% biopores greater than 0.5mm diameter.

FCD=111. Wetness Class II, Wetness Grade 1.

MDW 116, MBW = 7.9 mm. MDP 110, MBP = -8.6 mm. Droughtiness Grade 2.

ALC Grade = 2, limited by soil droughtiness.

3.7.6 Soil Profile Pit 23, Field WE6B, NGR 483354,372990

Depth (cm)	Details
0 – 39	Dark brown (7.5YR3/2) medium sandy loam; non-calcareous; 1% small to medium sized hard stones; friable; weakly developed medium sub-angular blocky structure; common fine fibrous roots; greater than 0.5% biopores greater than 0.5mm diameter, clear wavy boundary to:
39 – 56	Brown (75YR4/2) and grey (25Y6/1) clay; non-calcareous; 1% small to medium angular hard stones; few fine fibrous roots; common ferrimanganiferous concretions; friable; moderately developed

medium sub-angular blocky structure; greater than 0.5% biopores greater than 0.5mm diameter;

56 – 100 Weak red (25YR4/2) and dark reddish grey (5YR4/2) clay, non-calcareous; stoneless; common ferrimanganiferous concretions; firm; moderately developed coarse prismatic structure; few very fine fibrous roots; less than 0.5% biopores greater than 0.5mm diameter.

FCDs = 110. Wetness Class III, Wetness Grade 2.

MDW 116, MBW =26.3 mm. MDP 111, MBP = 8.2 mm. Droughtiness Grade 2.

ALC Grade = 2, limited by soil wetness and droughtiness.

4. Agricultural Land Classification

- 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.
- 4.1.3 Areas of land to the east of the River Trent are irrigated and were supporting potatoes and turf during the survey period. The ALC Guidelines state that irrigation may be taken into account when grading the land; usually upgrading land by no more than one grade or subgrade. However, a National review of the guidance in 1996 concluded:

*“The approach taken in light of this was that irrigation should not be used to upgrade land. Irrigation can have a beneficial effect on agricultural productivity; however, it would be considered as another factor for planning authorities to take into account. Therefore, the PPG indicated to LPAs that irrigation was a benefit to the productive potential of land which might be taken account of (because it was no longer a factor used in ALC grading), however, this level of detail no longer exists in the current National Planning Policy Framework (NPPF)”. **Therefore, irrigation should not be taken into account in ALC grading** given the negative impacts that abstraction can have on local water resources in areas where water is scarce. Taking irrigation out of ALC helps ensure that cropping is appropriate to local conditions⁴.*

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 Classification⁵. Altitude above sea level varies between approximately 5 m and 20 m across the survey area. The relevant site climate data for each extreme of elevation is presented in Table 1.

⁴ Dr Eleanor Reed, Principal Soil Scientist, Natural England, 31/07/2023 – by email

⁵ Meteorological Office, (1989). *Climatological Data for Agricultural Land Classification*.

4.2.2 Table 1 - Agro-climatic variables

Grid Reference Location	SK841731	SK795701
Altitude (m)	5	15
Average Annual Rainfall (mm)	570	571
Jan-Jun Accumulated Temperature (AT0)	1426	1418
Field Capacity Days (FCD)	110	112
Field Capacity period	Early Dec-Mid Mar	Early Dec-Mid Mar
Moisture deficit – Wheat (MDW) (mm)	116	117
Moisture deficit – Potatoes (MDP) (mm)	110	111
Climate grade limit	1	1

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

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)⁶.

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, soil wetness and, less commonly, flood risk.

4.3.3 Where the soils are predominantly sandy, particularly to the east of the River Trent, soil droughtiness is the limiting factor. Where the soils are clayey, mostly west of the river, soil wetness is the limiting factor. Land on the eastern flood plain of the River Trent is limited by flood risk, whereas the western flood plain is protected by modern flood defences.

Grade 1

4.3.4 No land of this quality has been mapped.

Grade 2

⁶ MAFF, (1988). *Agricultural Land Classification for England and Wales: Revised Guidelines and Criteria for Grading the Quality of Agricultural Land*.

- 4.3.5 There are 244.8 ha of grade 2 quality land at this site. This land is predominantly located in the eastern half of Sections 1 and 3 and the western areas of Sections 2 and 4. Further areas of grade 2 land are found in the western side of Section 1.
- 4.3.6 Grade 2 soils within the survey area have mostly light or medium loamy upper soils over clayey lower soils, or medium loamy upper and lower soils.
- 4.3.7 These loamy soils retain sufficient moisture during the summer months to be only slightly limited by droughtiness to ALC Grade 2. They also have a slight winter soil wetness limitation, due to either being moderately free draining (WC II), or imperfectly draining (WCIII), but with a sandy or light loamy free draining topsoil.

Subgrade 3a

- 4.3.8 There are 416.1 ha of Subgrade 3a quality land at this site. Areas of this quality are found across survey area, with two main exceptions where no land of this quality area mapped. Firstly, adjacent to the River Trent in Sections 1 and 2; and secondly, almost all of Section 3. Other than Field DHG1C in Section 3, these areas are entirely mapped as subgrade 3b quality.
- 4.3.9 Grade 3a soils within the survey area have mostly medium loamy over clayey soils, or light loamy over sandy soil profiles.
- 4.3.10 Medium loamy over clayey soils are gleyed within 40cm of the soil surface and have slowly permeable subsoils, placing them in WCIII. They have a moderate soil wetness limitation and are of Subgrade 3a quality. These soils are mostly found across most of the western half of Section 1, Section 2 and the western side of Section 4.
- 4.3.11 Light loamy over sandy soils are mostly free draining and belong to Wetness Class I, with no significant wetness limitation. However, the light loam upper soils and sandy lower soils result in a moderate droughtiness limitation which limits the grade to Subgrade 3a quality.

Subgrade 3b

- 4.3.12 There are 579.5 ha of Subgrade 3b quality land at this site. Areas of this moderate quality land are found across survey area. The largest areas of Subgrade 3b land are found to the west and south of the Section 1, across almost the entirety of Section 3, the eastern and western sides of Section 2 and the centre and east of Section 4.
- 4.3.13 There are three limitations to agriculture that result in the land being graded as Subgrade 3b; soil wetness, soil droughtiness and flood risk.

- 4.3.14 Almost all land with clayey topsoils overlying clayey subsoils are gleyed within 40cm and have slowly permeable subsoils, resulting in a soil wetness limitation restricting the land to ALC Subgrade 3b. These soils are predominantly located in the western, southern and eastern areas of Section 1, throughout Section 3, and to the east of the River Trent in Section 2. A further area of approximately 33 hectares of clayey soils of Subgrade 3b quality are located towards the east of Section 2.
- 4.3.15 Land with with sandy soil profiles is limited to ALC Subgrade 3b by soil droughtiness. These soils are found in the eastern half of Section 2, in Field CR2B located immediately south of the reservoir in the western side of Section 2, and to the east and west of Section 4.
- 4.3.16 Areas of land in the eastern half of Section 2 with light loamy over sandy soils are also limited by droughtiness to Subgrade 3b. This land generally has loamy sand or sand subsoils immediately below sandy loam topsoil.
- 4.3.17 Land to the west of the River Trent is protected from flooding by a flood defence embankment and is not limited for agricultural use by flooding. Low lying land along the eastern side of the River Trent in Section 2 is susceptible to flooding. Although accurate flood data is sparse, this survey judges that Field CR2A is likely to, on average, flood for more than 4 days once every 3 to 9 winters, or more than once every 3 winters for between 2 and 4 days; limiting this land to ALC Subgrade 3b for flood risk. It should be noted that this land is also limited to Subgrade 3b by soil wetness, due to the presence of imperfectly draining, slowly permeable, silty clay alluvial soils.

Grade 4

- 4.3.18 No land of this quality has been mapped.

Grade 5

- 4.3.19 No land of this quality has been mapped.

Non-agricultural

- 4.3.20 No land of this quality has been mapped.

Urban

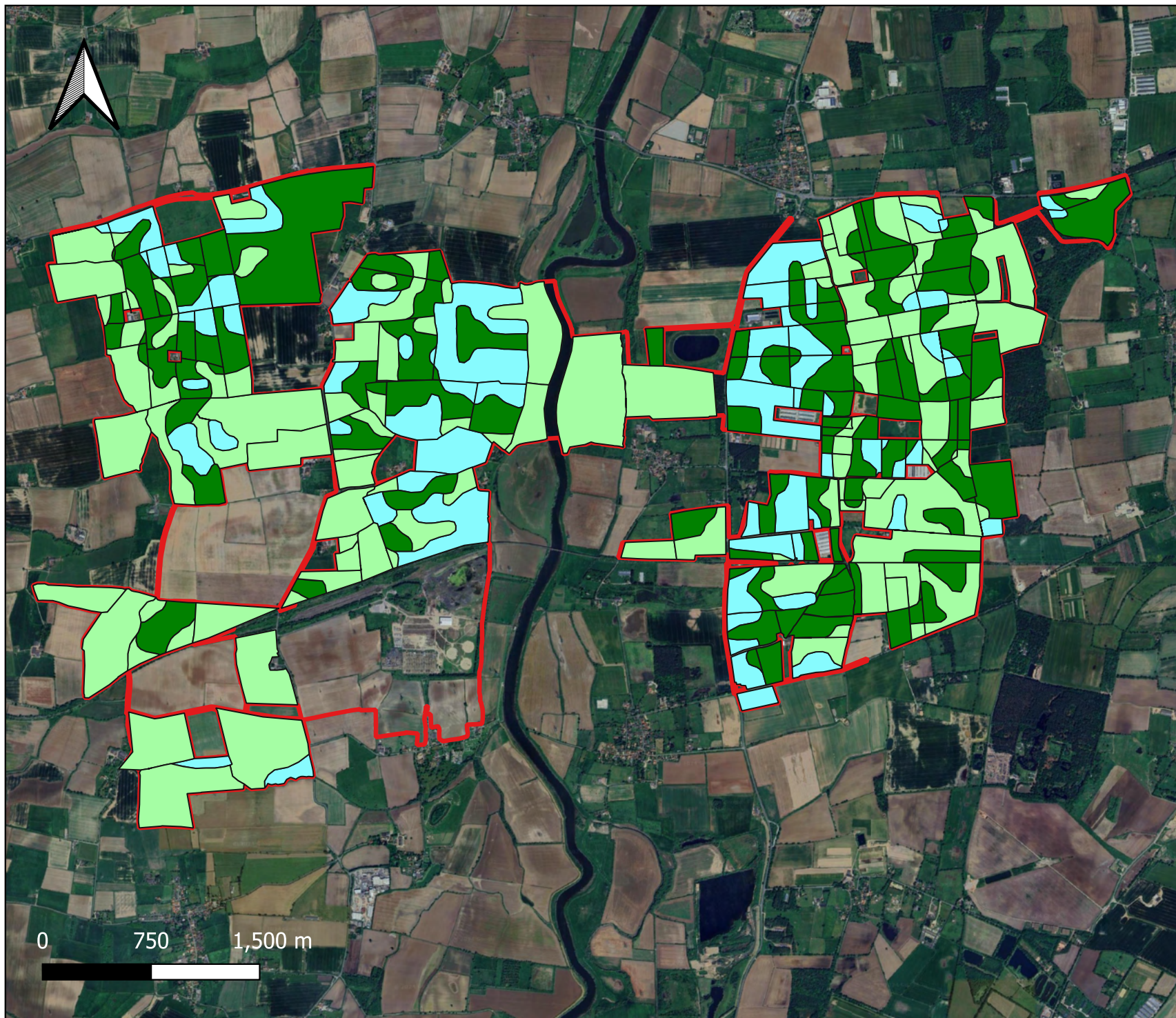
- 4.3.21 No land of this quality has been mapped.

4.4 Summary of Grade Areas

Table 2 -ALC grade areas

Grade / Subgrade	Area (ha)	Areas (%)
Grade 1	-	-
Grade 2	244.8	19.7
Subgrade 3a	416.1	33.5
Subgrade 3b	579.5	46.7
Grade 4	-	-
Grade 5	-	-
Non-agricultural	-	-
Urban	-	-
Total	1240.4	100

Appendix A Agricultural Land Classification Map



One Earth Solar Farm

ALC Map

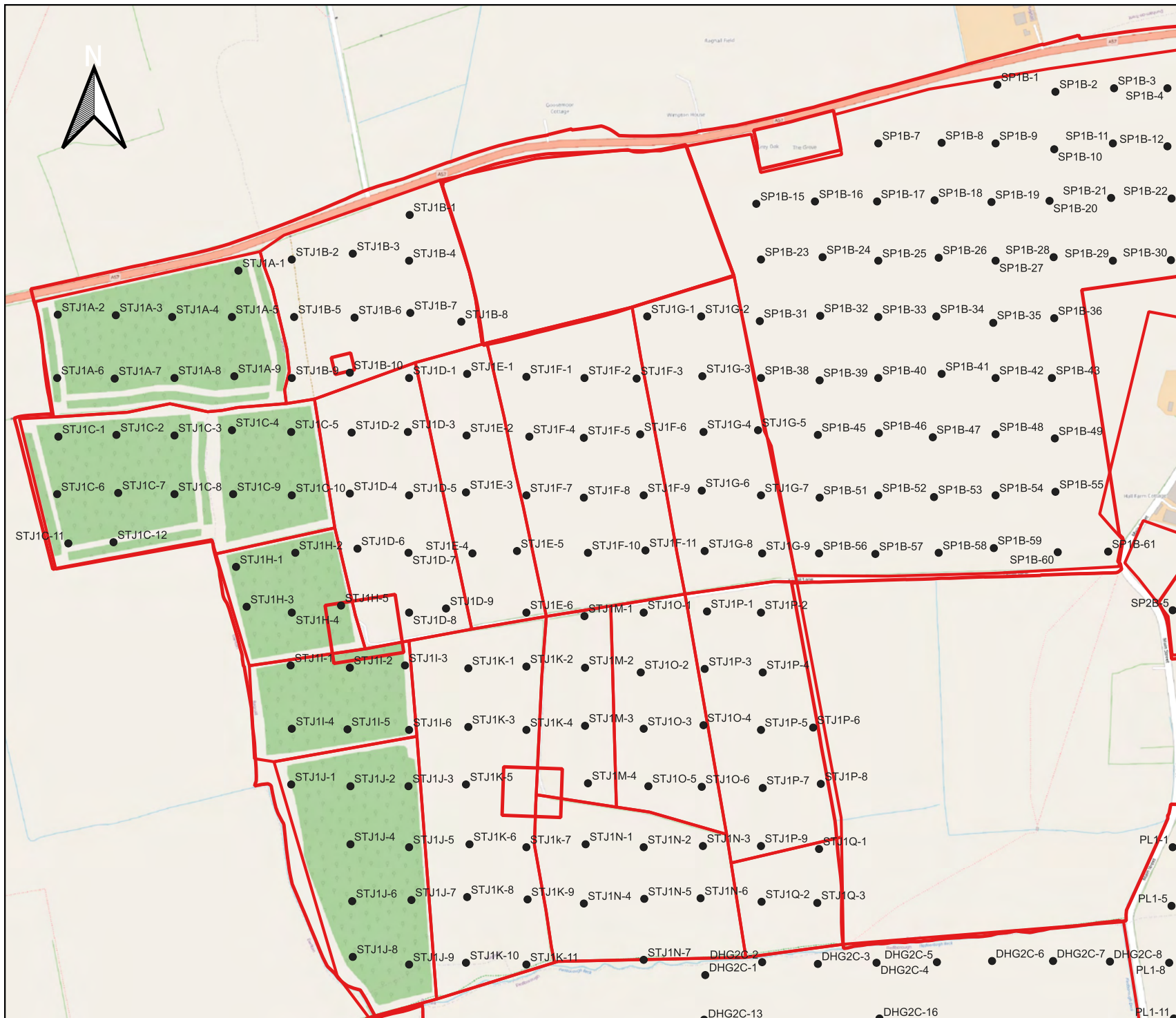
ALC Grades

-  2
-  3a
-  3b



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Appendix B Location of Observation Maps



One Earth Solar Farm

Soil Auger Locations

Map 1

Key

- Soil auger survey



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One Earth Solar Farm

Soil Auger Locations

Map 2

Key

- Soil auger survey



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One Earth Solar Farm

Soil Auger Locations

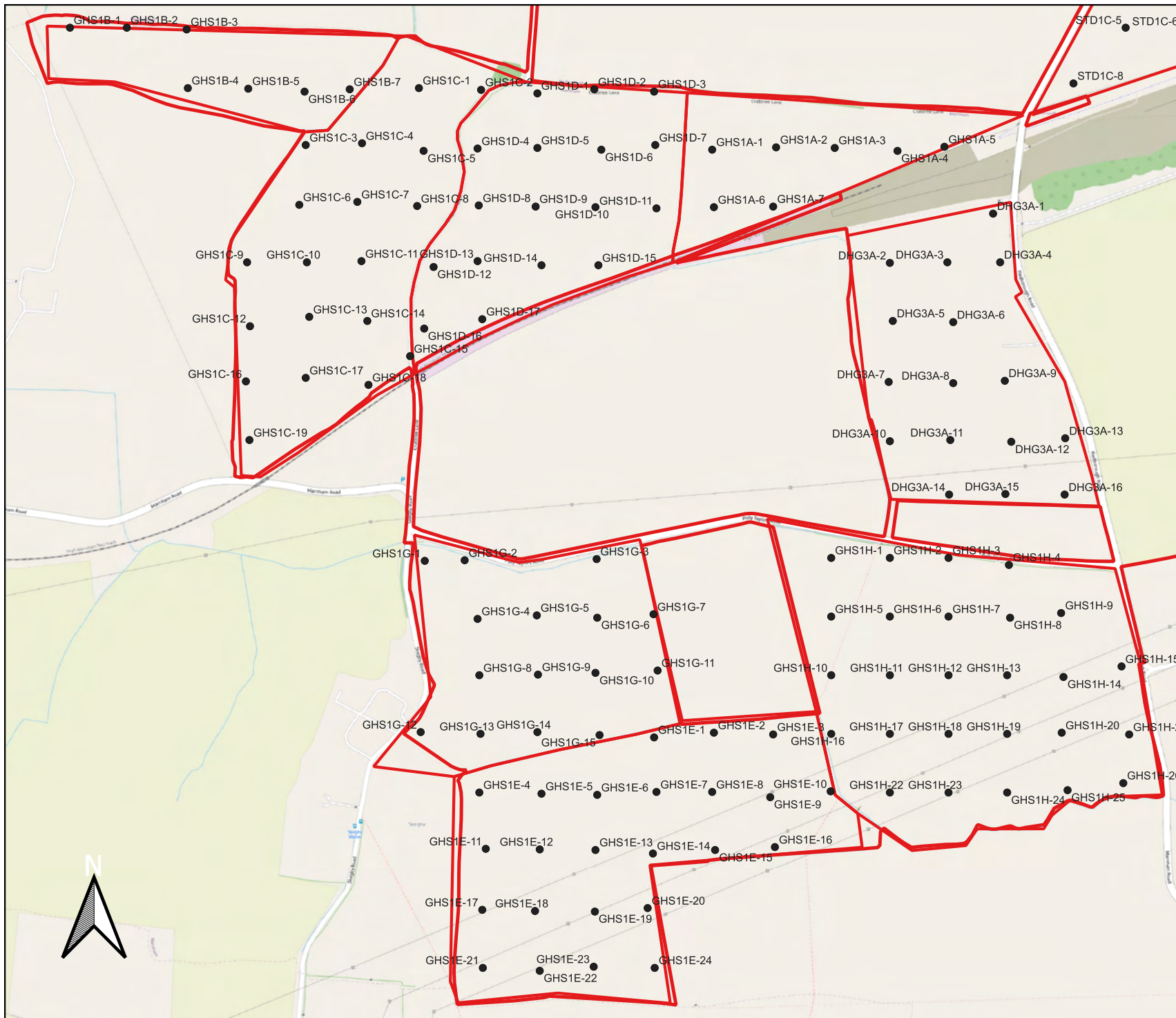
Map 4

Key

- Soil auger survey



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One Earth Solar Farm

Soil Auger Locations

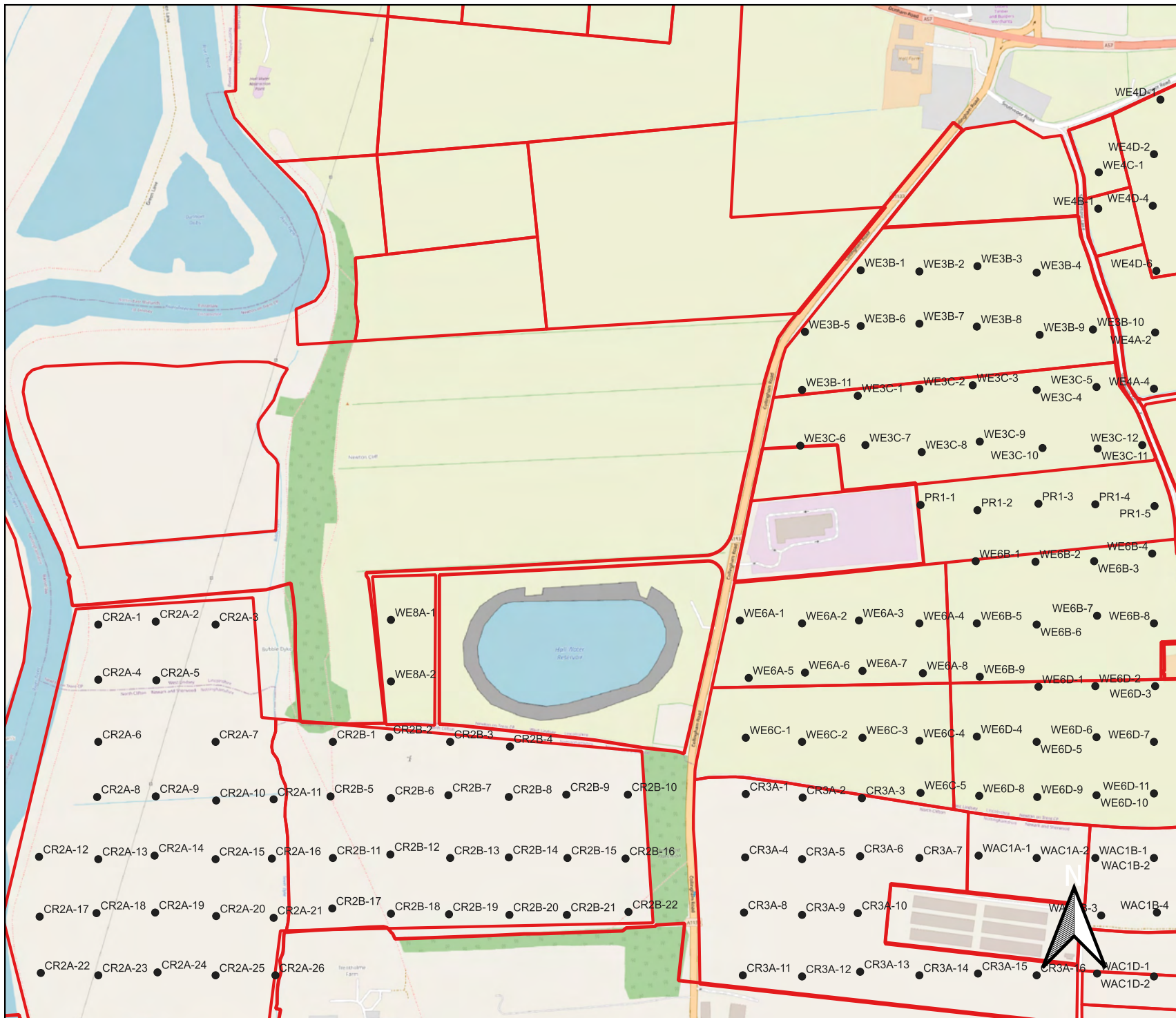
Map 5

Key

- Soil auger survey



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One Earth Solar Farm

Soil Auger Locations

Map 6

Key

- Soil auger survey



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One Earth Solar Farm

Soil Auger Locations

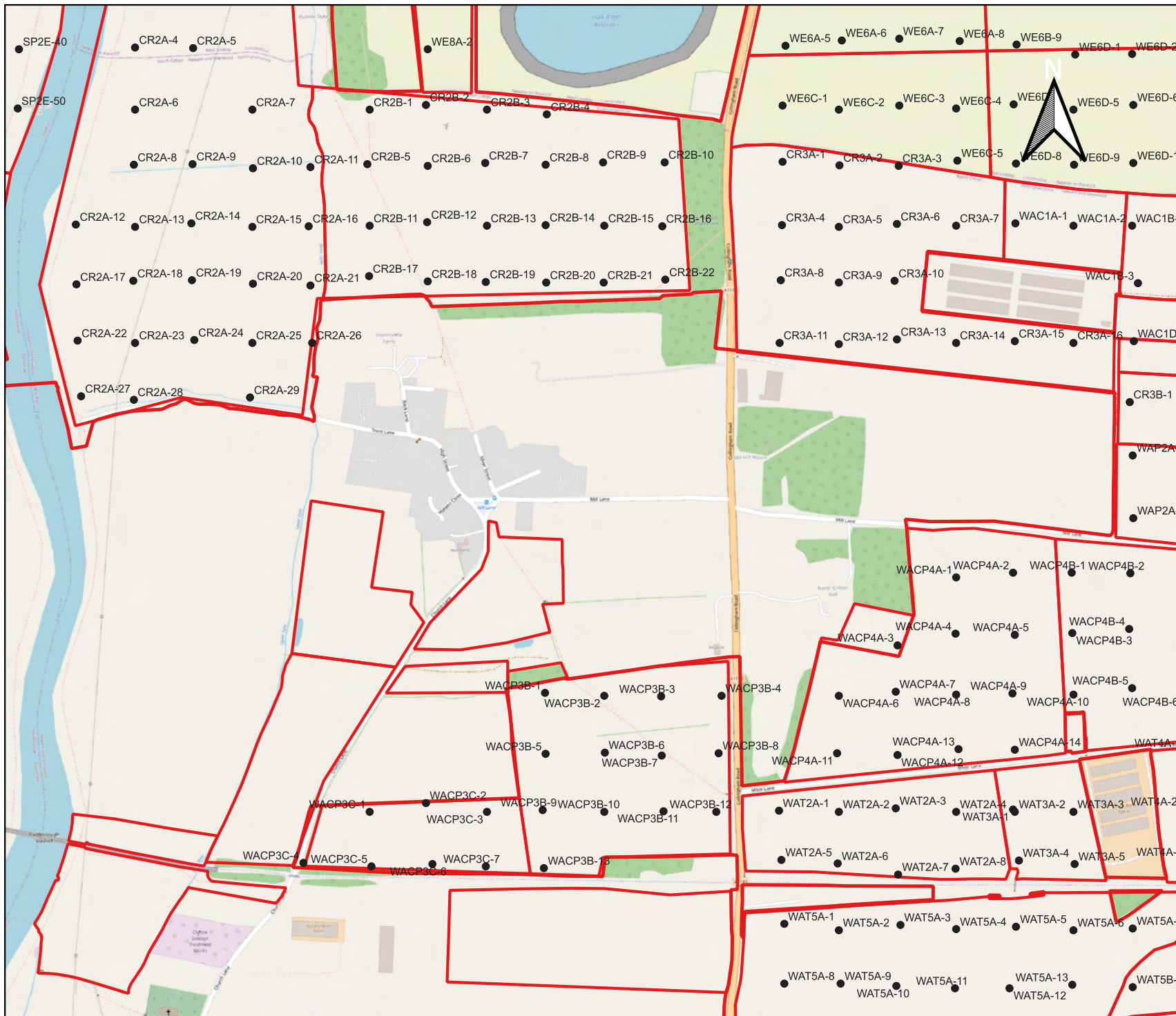
Map 7

Key

- Soil auger survey



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One Earth Solar Farm

Soil Auger Locations

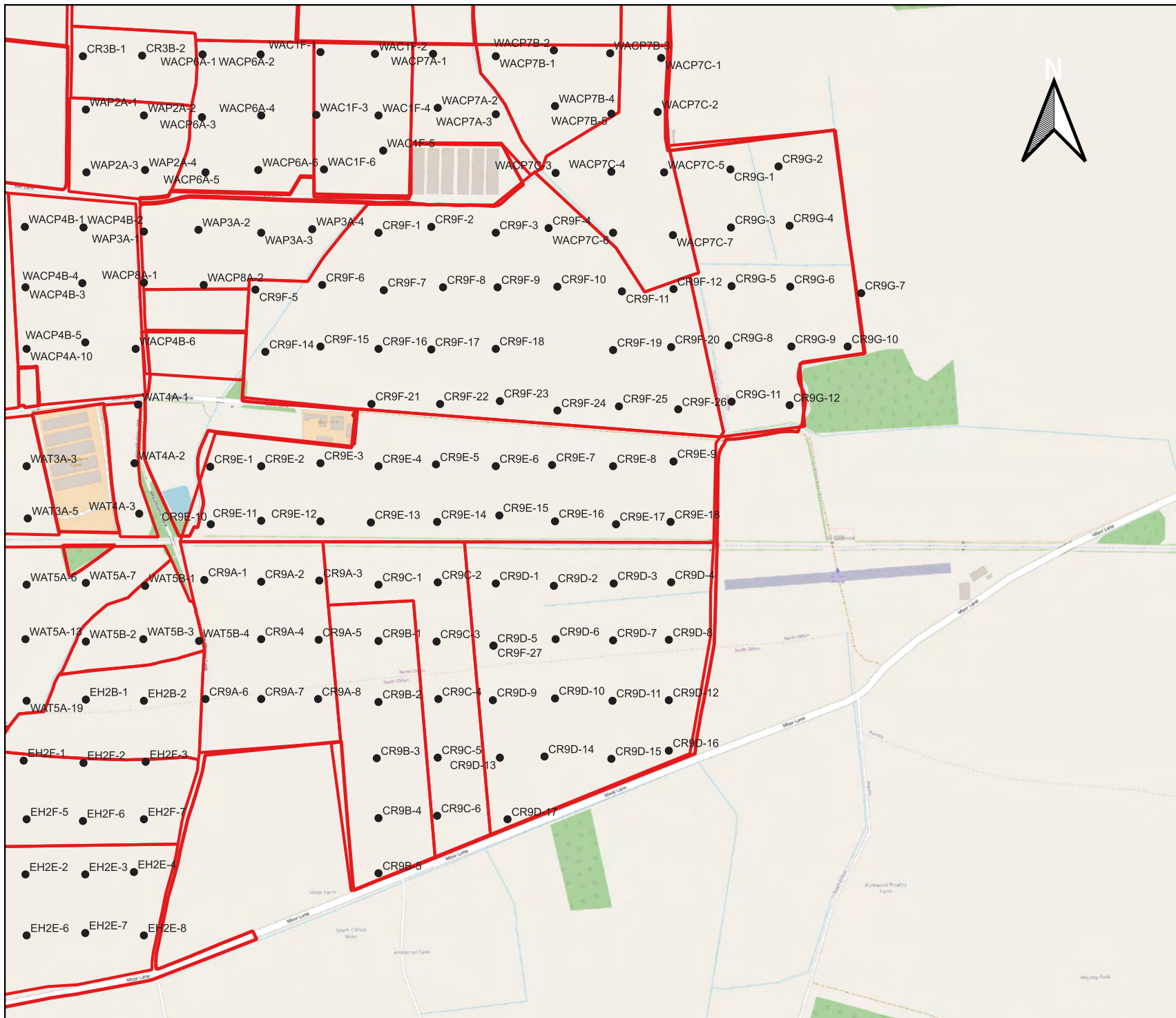
Map 8

Key

- Soil auger survey



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One Earth Solar Farm

Soil Auger Locations

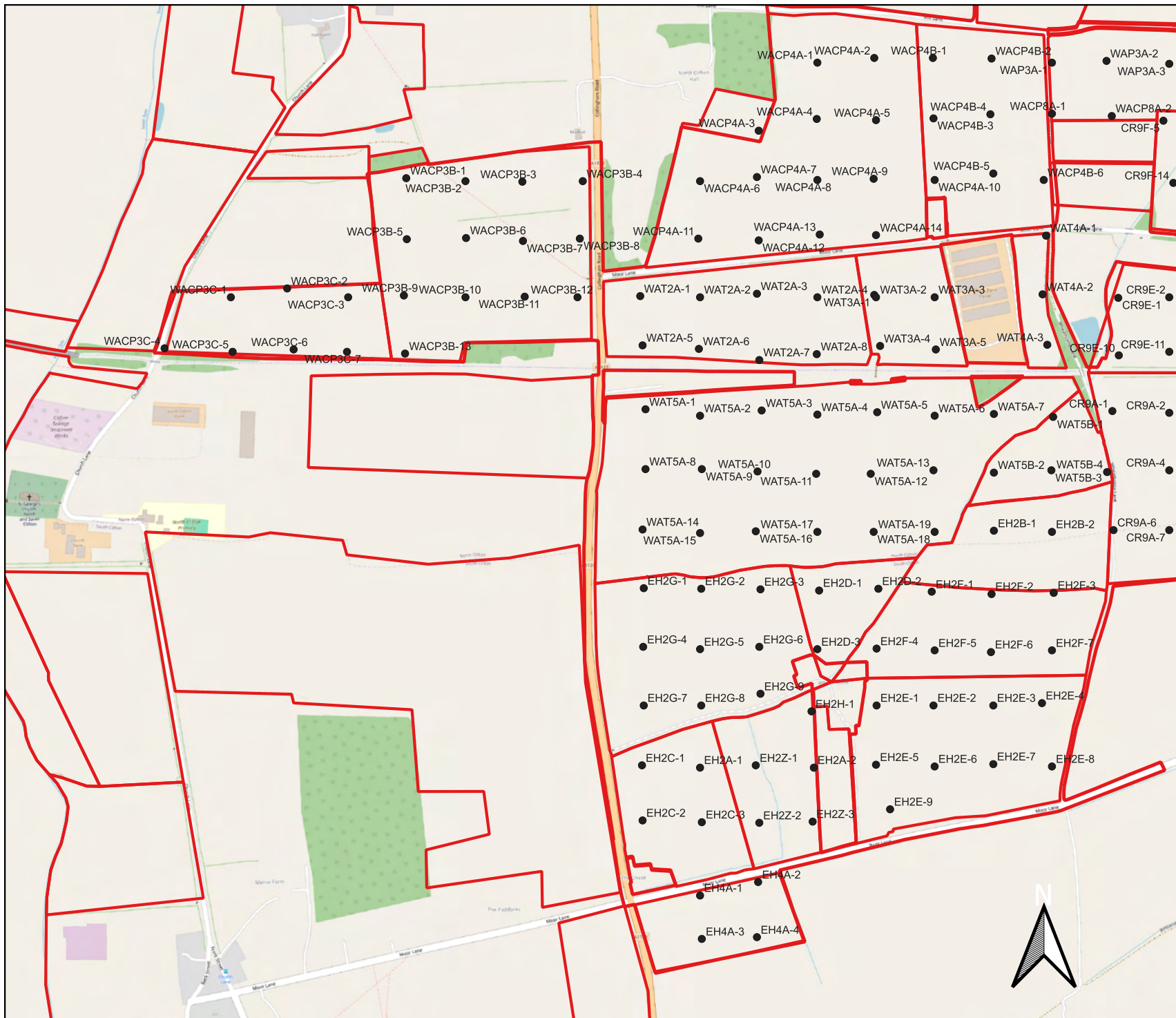
Map 9

Key

- Soil auger survey



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One Earth Solar Farm

Soil Auger Locations

Map 10

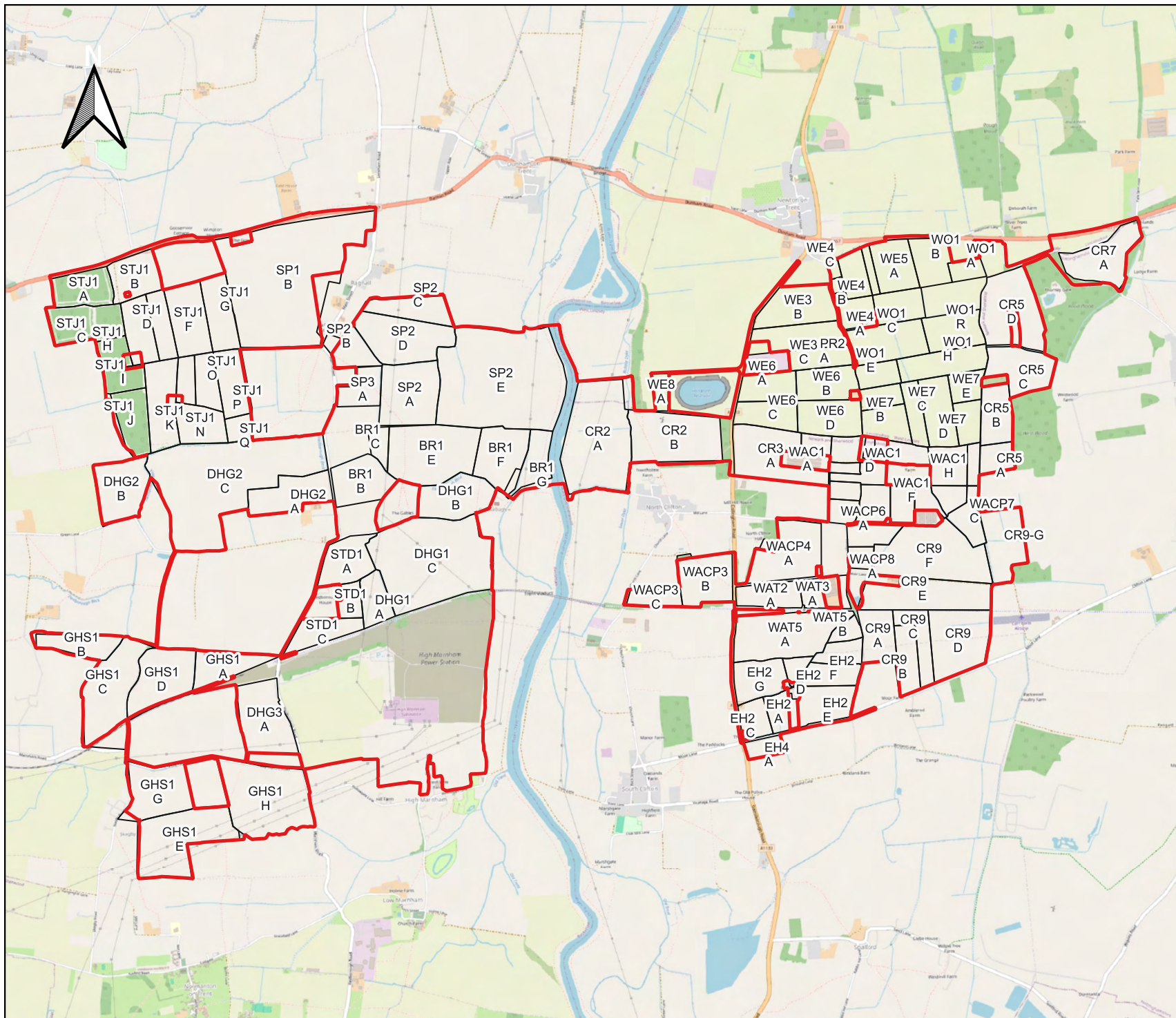
Key

- Soil auger survey



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Appendix C Map of fields within the survey area



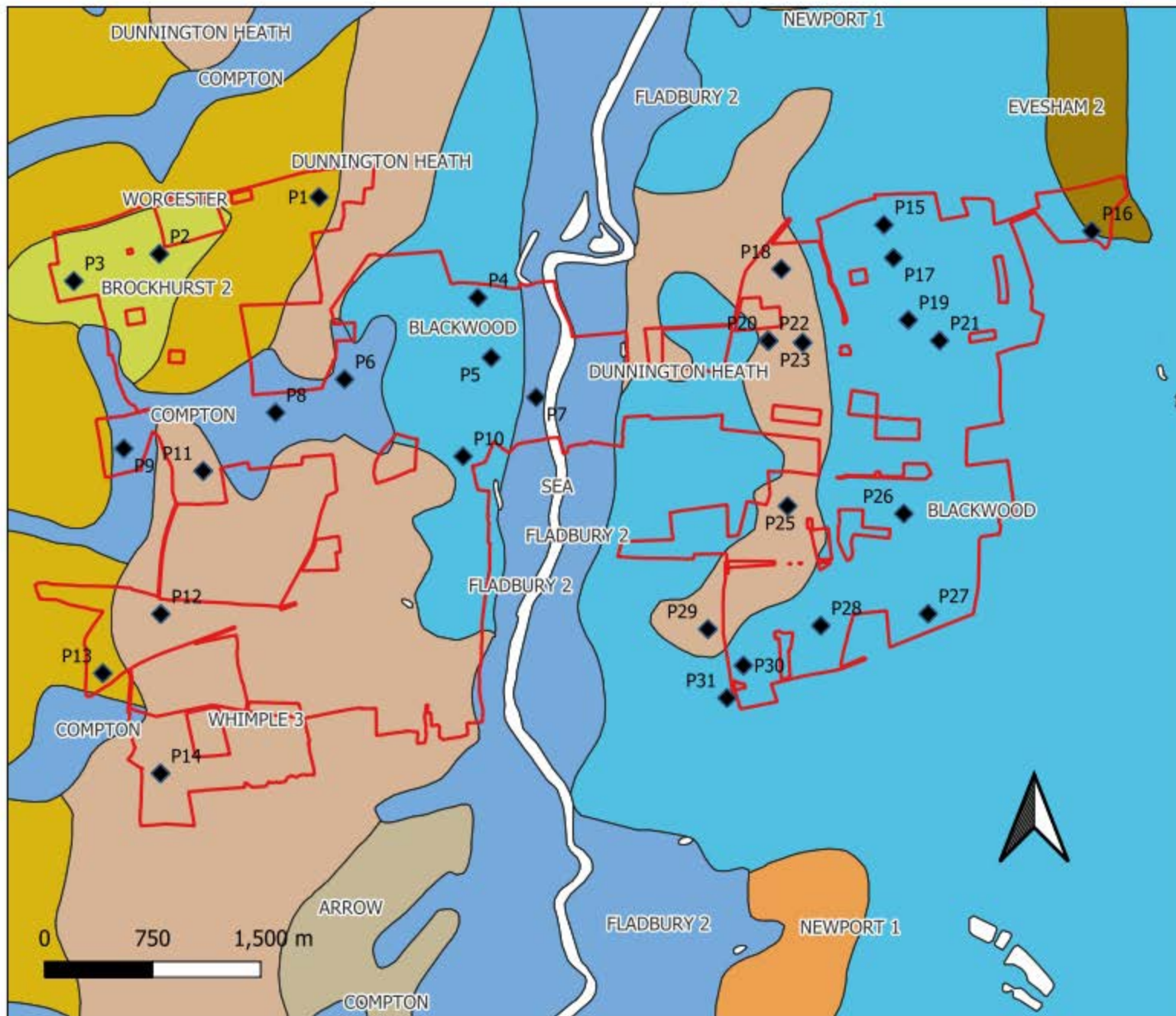
One Earth Solar Farm

Field Codes



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Appendix D Soil pit location map



One Earth Solar Farm

Soil pit location

Key

◆ Soil Pit



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Appendix E Soil pit descriptions

Pit 1, Field SP1B, SK800740, 17m AOD**Depth (cm) Description**

0 – 29 Brown (7.5YR 4/2) clay 2% medium rounded hardstones; non-calcareous; few mottles; firm; moderately developed very coarse sub-angular blocky structure; > 0.5% of 0.5mm pores; few very fine fibrous roots; clear smooth boundary to:

29 – 120 Reddish brown (5YR 4/3) clay; 5% soft silt stones; non-calcareous; common ferrimanganiferous concretions; extremely firm; massive structure; gleyed ped faces; < 0.5% of 0.5mm pores; few very fine fibrous roots.

*FCD=110. Wetness Class III, Wetness Grade 3b.
MBW=6.1mm, MBP=-11.7mm. Droughtiness Grade 3a.
ALC Grade = 3b, limited by soil wetness.*

**Pit 2, Field STJ1E, SK788736, 21m AOD****Depth (cm) Description**

0 – 29 Dark yellowish brown (10YR 4/4) medium sandy loam; non-calcareous; 5% sub-rounded hard stones; friable; weakly developed very coarse sub-angular blocky structure; few very fine fibrous roots; >0.5% of 0.5mm pores, clear smooth boundary to:

29 – 50 Reddish brown (5YR 4/4) and brown (7.5YR 4/2) sandy clay loam; non-calcareous; 10% sandstones; few very fine fibrous roots; friable; moderately developed coarse angular blocky structure; gleyed ped faces; >0.5% of 0.5mm pores; gradual smooth boundary to:

50 – 120 Reddish brown (5YR 5/3) and dark reddish grey (5YR 4/2) clay, non-calcareous; 3% sandstones; common ferrimanganiferous concretions; firm; moderately developed coarse sub-angular blocky structure; few very fine fibrous roots; gleyed ped faces; <0.5% of 0.5mm pores.

*FCD=111. Wetness Class II, Wetness Grade 1.
MBW=7.9mm, MBP=-8.6mm. Droughtiness Grade 2.
ALC Grade = 2, limited by soil droughtiness.*

**Pit 3, Field STJ1C, SK782734, 15m AOD****Depth (cm) Description**

0 – 25 Brown (7.5YR 4/2) heavy clay loam; non-calcareous; 5% rounded hard stones; extremely firm; very coarse angular blocky structure; few very fine fibrous roots; >0.5% of 0.5mm pores, clear smooth boundary to:

25 – 120 Reddish brown (5YR 5/4) clay; non-calcareous; 5% soft silt stones; few very fine fibrous roots; few faint mottles and ferrimanganiferous concretions; extremely firm; weakly developed coarse prismatic structure; gleyed ped faces; <0.5% of 0.5mm pores.

*FCD=111. Wetness Class III, Wetness Grade 3b.
MBW=7.1mm, MBP=-10.8mm. Droughtiness Grade 3a.
ALC Grade = 3b, limited by soil wetness.*



Pit 4, Field SP2E, SK811733, 6m AOD

Depth (cm) Description

0 – 33 Dark brown (10YR 3/3) medium sandy loam; 7% small sub-rounded hardstones; non-calcareous; unmottled; friable; strongly developed medium sub-angular blocky breaking to medium angular blocky structure; > 0.5% of 0.5mm pores; common very fine fibrous roots; clear smooth boundary to:

33 – 85 Yellowish brown (10YR 5/4) and greyish brown (10YR 5/2) sandy clay loam; 45% small sub-rounded hardstones; non-calcareous; many mottles and ferrimanganiferous concretions; friable; weakly developed medium sub-angular blocky breaking to fine granular structure; >0.5% of 0.5mm pores; few very fine fibrous roots; abrupt smooth boundary to:

85 – 120 Reddish brown (5YR 4/4) loamy medium sand; 4% hardstones; non-calcareous; many mottles; loose single grain structure; gleyed ped faces; >0.5% of 0.5mm pores; no visible roots.

FCD=110. Wetness Class II, Wetness Grade 1.

MBW=-2.1mm, MBP=-19.mm3. Droughtiness Grade 3a.

ALC Grade = 3a, limited by soil droughtiness.



Pit 5, Field SP2E, SK811728, 6.5m AOD

Depth (cm) Description

0 – 25 Dark brown (7.5YR 3/3) medium sandy loam; 3% small sub-rounded hardstones; non-calcareous; unmottled; friable; moderately developed medium angular blocky structure; >0.5% of 0.5mm pores; few very fine fibrous roots; gradual irregular boundary to:

25 – 120 Reddish brown (5YR 4/3) medium sandy loam; 2% small sub-rounded hardstones; non-calcareous; unmottled; friable; weakly developed medium angular blocky breaking to fine granular structure; >0.5% of 0.5mm pores; few very fine fibrous roots.

FCD=110. Wetness Class I, Wetness Grade 1.

MBW=56.3mm, MBP=5.4mm. Droughtiness Grade 2.

ALC Grade = 2, limited by soil droughtiness.



Pit 6, SK801727, 6m AOD

Depth (cm) Description

0 – 37 Brown (7.5YR 4/2) clay; 1% rounded hardstones; non-calcareous; unmottled; firm; strongly developed coarse angular blocky structure; >0.5% of 0.5mm pores; few very fine fibrous roots; clear smooth boundary to:

37 – 110 Light brownish grey (10YR 6/2) sandy clay loam; 1% rounded hardstones; non-calcareous; very many ochre mottles; friable; weakly developed very coarse angular blocky structure; >0.5% of 0.5mm pores; no visible roots.

FCD=110. Wetness Class II, Wetness Grade 3a.

MBW=35.0mm, MBP=0.3mm. Droughtiness Grade 2.

ALC Grade = 3a, limited by soil wetness.



Pit 7, Field BR1G, SK815726, 5m AOD**Depth (cm) Description**

0 – 23	Very dark greyish brown (10YR 3/2) clay; stoneless; non-calcareous; few strong brown mottles; very firm; moderately developed coarse angular blocky structure; <0.5% of 0.5mm pores; few very fine fibrous roots; clear smooth boundary to:
23 – 52	Brown (7.5YR 4/3 and 7.5YR 4/2) clay; stoneless; non-calcareous; common dark orange brown mottles; firm; weakly developed coarse sub-angular blocky structure; <0.5% of 0.5mm pores; few very fine fibrous roots; gradual irregular boundary to:
52 – 120	Brown (7.5YR 4/2) heavy clay loam; stoneless; non-calcareous; many orange brown, grey & yellow mottles; friable; weakly developed medium prismatic breaking to fine sub-angular blocky structure; <0.5% of 0.5mm pores; few very fine fibrous roots.

*FCD=110. Wetness Class III, Wetness Grade 3b.
MBW=49.8mm, MBP=17.8mm. Droughtiness Grade 1.
ALC Grade = 3b, limited by soil wetness.*

**Pit 8, Field DHG2C, SK796725, 7m AOD****Depth (cm) Description**

0 – 34	Very dark greyish brown (10YR 3/2) heavy clay loam; 2% small and medium rounded hardstones; non-calcareous; few ochre mottles and ferrimanganiferous concretions; firm; moderately developed coarse prismatic structure; >0.5% of 0.5mm pores; few fine fibrous roots; clear smooth boundary to:
34 – 74	Greyish brown (10YR 5/2) sandy clay loam; 1% small, rounded hardstones; non-calcareous; many ochre and grey mottles and ferrimanganiferous concretions; friable; moderately developed coarse angular blocky structure; <0.5% of 0.5mm pores; few very fine fibrous roots; gradual wavy boundary to:
74 – 95	Light reddish brown (2.5YR 6/3) sandy clay loam; 5% small sub-rounded hardstones; non-calcareous; many grey, olive, mottles and ferrimanganiferous concretions; friable; weakly developed coarse angular blocky structure; gleyed ped faces; <0.5% of 0.5mm pores; few very fine fibrous roots; clear smooth boundary to:
95 – 120	Yellowish red (5YR 5/8) medium sand; 1% small sub-rounded hardstones; non-calcareous; few olive mottles and ferrimanganiferous concretions; friable; weakly developed medium angular blocky structure; >0.5% of 0.5mm pores; no visible roots.

*FCD=111. Wetness Class II, Wetness Grade 3a.
MBW=21.5mm, MBP=2.5mm. Droughtiness Grade 2.
ALC Grade =3a, limited by soil wetness.*



Pit 9, Field DHG2B, SK786722, 9m AOD

Depth (cm) Description

0 – 26 Very dark greyish brown (10YR 3/2) clay; 2% small sub-rounded hardstones; non-calcareous; unmottled; extremely firm; massive structure; <0.5% of 0.5mm pores; few very fine fibrous roots; clear smooth boundary to:

26 – 120 Reddish brown (5YR 4/3) clay; 1% medium rounded hardstones; non-calcareous; very many grey and ochre mottles, plus pale yellow and whitish mottles; friable; weakly developed coarse prismatic structure; < 0.5% of 0.5mm pores; few fine fibrous roots.

*FCD=111. Wetness Class III, Wetness Grade 3b.
MBW=20.9mm, MBP=2.1mm. Droughtiness Grade 2.
ALC Grade = 3b, limited by soil wetness.*



Pit 10, Field DHG1B, SK809722, 7m AOD

Depth (cm) Description

0 – 35 Dark brown (7.5YR 3/2) loamy medium sand; non-calcareous; 2% small rounded hard stones; very friable; moderately developed medium sub-angular blocky breaking to coarse granular structure; many fine fibrous roots; >0.5% of 0.5mm pores, sharp smooth boundary to:

35 – 70 Brown (7.5YR 4/2) medium sandy loam; non-calcareous; 2% very small sub-rounded hard stones; few very fine fibrous roots; very many ochreous mottles and ferrimanganiferous concretions; very friable; moderately developed medium angular blocky structure; >0.5% of 0.5mm pores; gradual wavy boundary to:

70 – 120 Pinkish grey (7.5YR 7/2) medium sand, non-calcareous; 1% hard stones; very many ochreous mottles and ferrimanganiferous concretions; very friable; weakly developed medium angular blocky structure; no visible roots; >0.5% of 0.5mm pores.

*FCD=110. Wetness Class III (ground water affected), Wetness Grade 2.
MBW=-8.9mm, MBP=-15.8mm. Droughtiness Grade 3a.
ALC Grade = 3a, limited by soil droughtiness.*



Pit 11, Field DHG2C, SK791721, 10m AOD

Depth (cm) Description

0 – 31 Dark brown (7.5YR 3/2) medium sandy loam; non-calcareous; 1% small rounded hard stones; friable; weakly developed coarse angular blocky structure; few fine fibrous roots; >0.5% of 0.5mm pores; clear smooth boundary to:

31 – 75 Brown (7.5YR 4/4) sandy clay loam; non-calcareous; 1% small and medium rounded hard stones; few fine fibrous roots; few greyish and ochreous mottles; very friable; weakly developed medium sub-angular blocky structure; >0.5% of 0.5mm pores; gradual irregular boundary to:

75 – 120 Dark reddish brown (2.5YR 3/4) clay; non-calcareous; stoneless; few ochreous mottles and ferrimanganiferous concretions; moderately developed coarse sub-angular blocky structure; no visible roots; gleyed ped faces; <0.5% of 0.5mm pores.

*FCD=111. Wetness Class I, Wetness Grade 1.
MBW=41.6mm, MBP=13.6mm. Droughtiness Grade 1.
ALC Grade = 1*



Pit 12, Field GHS1D, SK789711, 17m AOD**Depth (cm) Description**

- 0 – 32** Dark reddish brown (5YR 3/2) medium clay loam; non-calcareous; 3% hard stones; very firm; moderately developed coarse sub-angular blocky structure; few medium fibrous and flesh roots; >0.5% of 0.5mm pores, clear wavy boundary to
- 32 – 120** Reddish brown (5YR 5/3) clay; non-calcareous; 7% soft silt stones; no visible roots; common ochreous mottles and ferrimanganiferous concretions; extremely firm; massive structure; <0.5% of 0.5mm pores.

*FCD=112. Wetness Class III, Wetness Grade 3a.
MBW=10.8mm, MBP=-7.0mm. Droughtiness Grade 2.
ALC Grade = 3a, limited by soil wetness.*

**Pit 13, Field GHS1C, SK784706, 20m AOD****Depth (cm) Description**

- 0 – 28** Dark reddish brown (5YR 3/4) clay; 3% medium rounded soft 'weathered' igneous or metamorphic; non-calcareous; few unmottled; extremely firm; massive structure; <0.5% of 0.5mm pores; few fine fibrous roots; gradual smooth boundary to:
- 28 – 120** Reddish brown (5YR 4/4) clay; 35% soft 'weathered' igneous or metamorphic; non-calcareous; common mottles; extremely firm; massive structure; gleyed ped faces; <0.5% of 0.5mm pores; few medium fleshy roots.

*FCD=113. Wetness Class III, Wetness Grade 3b.
MBW=-11.1mm, MBP=-23.1mm. Droughtiness Grade 3a.
ALC Grade = 3b, limited by soil wetness.*

**Pit 14, Field GHS1E, SK788700, 17m AOD****Depth (cm) Description**

- 0 – 31** Brown (7.5YR 4/3) heavy clay loam; 2% medium rounded hardstones; non-calcareous; common reddish-brown mottles; extremely hard; massive structure; <0.5% of 0.5mm pores; few fine fibrous roots; gradual wavy boundary to:
- 31 – 120** Reddish brown (5YR 5/4) clay; 10% soft, argillaceous, or silty stones; non-calcareous; unmottled and ferri-manganiferous concretions; extremely firm; massive structure; gleyed ped faces; <0.5% of 0.5mm pores; no visible roots.

*FCD=113. Wetness Class III, Wetness Grade 3b.
MBW=10.1mm, MBP=-7.5mm. Droughtiness Grade 2.
ALC Grade = 3b, limited by soil wetness.*



Pit 15, Field WE5A, SK839738, 5m AOD

Depth (cm) Description

0 – 40 Dark brown (7.5YR 3/2) and (2.5Y 2.5/1) black loamy medium sand; non-calcareous; 1% hard stones; very friable; very weakly developed coarse angular blocky structure; few fine fibrous roots; >0.5% of 0.5mm pores; clear smooth boundary to:

40 – 120 Light brown (7.5YR6/3) medium sand; non-calcareous; stoneless; few fine fibrous roots; common strong brown (7.5YR5/6) mottles and ferrimanganiferous concretions; friable; very weakly developed medium angular blocky structure; >0.5% of 0.5mm pores.

*FCD=110. Wetness Class III (ground water affected), Wetness Grade 2.
MBW=-30.9mm, MBP=-42.7mm. Droughtiness Grade 3b.
ALC Grade = 3b, limited by soil droughtiness.*



Pit 16, Field CR7A, SK853737, 6m AOD

Depth (cm) Description

0 – 35 Dark brown (7.5YR 3/2) medium sandy loam; 1% small stone content; non-calcareous; unmottled; friable; weakly developed medium angular blocky structure; >0.5% of 0.5mm pores; few fine fibrous roots; clear smooth boundary to:

35 – 75 Greyish brown (10YR 5/2) medium sand; 1% medium stone content; non-calcareous; common reddish brown (5YR 4/4) mottles and ferri-manganiferous concretions; very friable; very weakly developed fine angular blocky structure; >0.5% of 0.5mm pores; few fine fibrous roots; abrupt smooth boundary to:

75 – 95 Pale brown (10YR 6/3) clay; 35% soft 'weathered' igneous or metamorphic stones; non-calcareous; many ochre mottles and ferri-manganiferous concretions; friable; weakly developed medium platy structure; <0.5% of 0.5mm pores; few fine fibrous roots.

*FCD=111. Wetness Class III, Wetness Grade 2.
MBW=-30.9mm, MBP=-42.7mm. Droughtiness Grade 3a.
ALC Grade = 3a, limited by soil droughtiness.*



Pit 17, Field WE5A, SK839737, 5m AOD

Depth (cm) Description

0 – 32 Dark brown (7.5YR 3/2) medium sandy loam; 1% hardstones; non-calcareous; unmottled; friable; weakly developed medium sub-angular blocky structure; >0.5% of 0.5mm pores; common fine fibrous roots; clear smooth boundary to:

32 – 120 Light grey (2.5Y 7/1) heavy clay loam; stoneless; non-calcareous; common brownish yellow (10YR 6/8) mottles and ferrimanganiferous concretions; friable; moderately developed medium sub-angular blocky structure; >0.5% of 0.5mm pores; few fine fibrous roots.

*FCD=110. Wetness Class II (ground water affected), Wetness Grade 1.
MBW=73.7mm, MBP=22.7mm. Droughtiness Grade 1.
ALC Grade = 1*



Pit 18, Field WE3B, SK832734, 10m AOD

Depth (cm) Description

0 – 36	Brown (7.5YR 4/2) medium sandy loam; 2% medium rounded hardstones; non-calcareous; unmottled; friable; weakly developed coarse sub-angular blocky structure; >0.5% of 0.5mm pores; few fine fibrous roots; clear smooth boundary to:
36 – 55	Brown (7.5YR 4/3 and 7.5YR 4/2) sandy clay loam; 1% small, rounded hardstones; non-calcareous; common strong brown (7.5YR 5/8) mottles; friable; weakly developed coarse angular blocky structure; >0.5% of 0.5mm pores; few fine fibrous roots; abrupt smooth boundary to:
55 – 100	Dark reddish brown (5YR 3/4) and dark reddish grey (5YR 4/2) clay; 1% medium stone content; non-calcareous; common strong brown (7.5YR 5/8) mottles; friable; moderately developed coarse angular blocky structure; gleyed ped faces; <0.5% of 0.5mm pores; few very fine fibrous roots.

FCD=111. Wetness Class III, Wetness Grade 2.
MBW=20.3mm, MBP=0.0mm. Droughtiness Grade 2.
ALC Grade = 2, limited by soil wetness and droughtiness.



Pit 19, Field WO1H, SK840731, 6m AOD

Depth (cm) Description

0 – 35	Brown (7.5YR 4/2) sandy clay loam; non-calcareous; 1% hard stones; extremely firm; weakly developed coarse sub-angular blocky structure; few fine fibrous roots; >0.5% biopores >0.5mm diameter, wavy smooth boundary to:
35 – 120	Dark reddish grey (5YR 4/2) and yellowish red (5YR 4/6) clay; non-calcareous; 5% soft weathered stones; few fine fibrous roots; ferrimanganiferous concretions; extremely firm; moderately developed very coarse prismatic structure; gleyed ped faces; <0.5% biopores > 0.5mm diameter.

FCD=110. Wetness Class III, Wetness Grade 3a.
MBW=9.0mm, MBP=-8.1mm. Droughtiness Grade 2.
ALC Grade = 3a, limited by soil wetness.



Pit 20, Field WE6A, SK831730, 12m AOD

Depth (cm) Description

0 – 30	Dark brown (7.5YR 3/2) medium sand; 1% 10 sub-rounded hardstones; non-calcareous; unmottled; friable; moderately developed medium sub-angular blocky structure; >0.5% of 0.5mm pores; common fine fibrous roots; gradual wavy boundary to:
30 – 90	Dark yellowish brown (10YR 4/4) and dark greyish brown (10YR 4/2) medium clay loam; 1% stone content; non-calcareous; common mottles and ferrimanganiferous concretions; firm; well-developed coarse prismatic structure; >0.5% of 0.5mm pores; common very fine fibrous roots; wavy boundary to:
90 – 100	Yellowish brown (10YR 5/6) and greyish brown (10YR 5/2) medium sandy loam; 1% stone content; non-calcareous; common mottles; firm; moderately developed coarse prismatic structure; >0.5% of 0.5mm pores; few fine fibrous roots; wavy boundary to:

FCD=111. Wetness Class I, Wetness Grade 1.
MBW=3.8mm, MBP=-27.8mm. Droughtiness Grade 3a.
ALC Grade = 3a, limited by soil droughtiness.

Upper Subsoil



Pit 21, Field WE7E, SK843730, 5m AOD**Depth (cm) Description**

- 0 – 32** Greyish brown (10YR 4/2) sandy clay loam; non-calcareous; 1% small angular hard stones; friable; moderately developed coarse sub-angular blocky structure; common very fine fibrous roots; >0.5% of 0.5mm pores, sharp smooth boundary to:
- 32 – 78** Light brownish grey (10YR 6/2) and grey (10YR 6/1) clay; non-calcareous; stoneless; few very fine fibrous roots; very many strong brown (75YR 5/8) mottles; very firm; very well developed coarse prismatic structure; <0.5% of 0.5mm pores; clear wavy boundary to:
- 78 – 100** Grey (10YR 5/1) clay, non-calcareous; stoneless; very many strong brown (75YR 5/8) mottles; extremely firm; well-developed coarse prismatic structure; no visible roots; <0.5% of 0.5mm pores.

FCD=110. Wetness Class III, Wetness Grade 3a.

MBW=13.1mm, MBP=-7.7mm. Droughtiness Grade 2.

ALC Grade = 3a, limited by soil wetness.

**Pit 22, Field WE6A, 483118,373003, 12m AOD****Depth (cm) Description**

- 0 – 36** Dark brown (7.5YR 3/2) medium sandy loam; stoneless; non-calcareous; unmottled; friable; weakly developed medium angular blocky structure; >0.5% of 0.5mm pores; common fine fibrous roots; clear irregular boundary to:
- 36 – 42** Brown (7.5YR 4/2) sandy clay loam; 1% 10 rounded stone content; non-calcareous; unmottled; friable; moderately developed medium prismatic structure; >0.5% of 0.5mm pores; few very fine fibrous roots; abrupt smooth boundary to:
- 42 – 100** Light greyish olive (10Y 6/2) clay; stoneless; non-calcareous; unmottled; firm; very well developed coarse prismatic structure; >0.5% of 0.5mm pores; few fine fibrous roots; clear irregular boundary to:

FCD=111. Wetness Class I, Wetness Grade 1.

MBW=12.5mm, MBP=-5.5mm. Droughtiness Grade 2.

ALC Grade = 2, limited by soil droughtiness.

Pit 23, Field WE6B, SK833729, 9m AOD**Depth (cm) Description**

- 0 – 39** Dark brown (7.5YR 3/2) medium sandy loam; non-calcareous; 1% small to medium sized hard stones; friable; weakly developed medium sub-angular blocky structure; common fine fibrous roots; >0.5% of 0.5mm pores, clear wavy boundary to:
- 39 – 56** Brown (75YR 4/2) and grey (25Y 6/1) clay; non-calcareous; 1% small to medium angular hard stones; few fine fibrous roots; common ferrimanganiferous concretions; friable; moderately developed medium sub-angular blocky structure; >0.5% of 0.5mm pores;
- 56 – 100** Weak red (25YR 4/2) and dark reddish grey (5YR 4/2) clay, non-calcareous; stoneless; common ferrimanganiferous concretions; firm; moderately developed coarse prismatic structure; few very fine fibrous roots; <0.5% of 0.5mm pores.

FCD=110. Wetness Class III, Wetness Grade 2.

MBW=26.3mm, MBP=8.2mm. Droughtiness Grade 2.

ALC Grade = 2, limited by soil wetness and droughtiness.



Pit 25, Field WACP4A, SK832718, 10m AOD**Depth (cm) Description**

0 – 36	Very dark greyish brown (10YR 3/2) medium sandy loam; 4% medium sub-rounded soft, medium, or coarse-grained sandstones; non-calcareous; unmottled; friable; weakly developed medium sub-angular blocky structure; moist; >0.5% of 0.5mm pores; few medium fleshy roots; abrupt smooth boundary to:
36 – 50	Greyish brown (10YR 5/2) loamy medium sand; 1% medium angular soft, medium, or coarse-grained sandstones; non-calcareous; few reddish brown (5YR 5/4) mottles; friable; weakly developed fine angular blocky structure; moist; >0.5% of 0.5mm pores; few fine fibrous roots; clear irregular boundary to:
50 – 100	Reddish brown (5YR 4/3) clay; 15% soft, argillaceous, or silty stones; non-calcareous; few reddish brown (5YR 4/4) mottles and ferrimanganiferous concretions; friable; weakly developed medium prismatic structure; gleyed ped faces; >0.5% of 0.5mm pores; no visible roots.

FCD=110. Wetness Class I, Wetness Grade 1.

MBW=9.4mm, MBP=-8.9mm. Droughtiness Grade 2.

ALC Grade = 2, limited by soil droughtiness.

**Pit 26, Field CR9F, SK840718, 6m AOD****Depth (cm) Description**

0 – 36	Dark brown (7.5YR3/2) loamy medium sand; non-calcareous; 1% rounded hard stones; very friable; very weakly developed fine sub-angular blocky structure; few fine fibrous roots; >0.5% of 0.5mm pores; abrupt smooth boundary to:
36 – 70	Light grey (10YR7/1) and light brownish grey (10YR6/2) medium sand; non-calcareous; stoneless; few fine fibrous roots; many ochreous mottles and ferrimanganiferous concretions; very friable; very weakly developed very coarse prismatic structure; >0.5% of 0.5mm pores; diffuse boundary to:
70 – 100	Light grey (10YR7/1) medium sand; non-calcareous; 1% hard stones; friable; common ochreous mottles and ferrimanganiferous concretions; weakly developed coarse prismatic structure; no visible roots; >0.5% of 0.5mm pores, clear wavy boundary to:

FCD=110. Wetness Class III (ground water affected), Wetness Grade 2.

MBW=-35.0mm, MBP=-46.6mm. Droughtiness Grade 3b.

ALC Grade = 3b, limited by soil droughtiness



Pit 27, Field CR9D, SK842711, 5m AOD**Depth (cm) Description**

0 – 30	Dark brown (7.5YR 3/2) medium sandy loam; 1% angular hardstones; non-calcareous; unmottled; firm; weakly developed fine sub-angular blocky structure; >0.5% of 0.5mm pores; common very fine fibrous roots; clear smooth boundary to:
30 – 46	Reddish brown (5YR 5/3) medium sand; 1% small angular stone content; non-calcareous; common strong brown (7.5YR 5/8) mottles; friable; well-developed fine platy structure; gleyed ped faces; >0.5% of 0.5mm pores; few very fine fibrous roots; gradual wavy boundary to:
46 – 61	Light grey (10YR 7/1) sandy clay loam; 1% small angular stone content; non-calcareous; many strong brown (7.5YR 5/8) mottles; very firm; very well-developed coarse prismatic structure; >0.5% of 0.5mm pores; few fine fibrous roots; gradual wavy boundary to:
61 – 84	Light grey (7.5YR 7/1) clay; stoneless; non-calcareous; many strong brown (7.5YR 5/8) mottles; very firm; very well developed coarse prismatic structure; <0.5% of 0.5mm pores; no visible roots; wavy boundary to:
84 – 120	Pinkish grey (7.5YR 6/2) loamy medium sand; stoneless; non-calcareous; many strong brown (7.5YR 5/8) mottles; friable; well-developed fine platy structure; >0.5% of 0.5mm pores; no visible roots.

FCD=109. Wetness Class II, Wetness Grade 1.

MBW=-9.4mm, MBP=-20.6mm. Droughtiness Grade 3a.

ALC Grade = 3a, limited by soil droughtiness.

**Pit 28, Field EH2F, SK834710, 7m AOD****Depth (cm) Description**

0 – 45	Dark brown (7.5YR 3/3) loamy medium sand; 2% hardstones; non-calcareous; unmottled; friable; weakly developed medium angular blocky structure; >0.5% of 0.5mm pores; few very fine fibrous roots; clear wavy boundary to:
45 – 100	Brown (7.5YR 4/4) medium sand; 7% large sub-rounded soft, medium, or coarse-grained sandstones; non-calcareous; unmottled; very friable; weakly developed medium angular blocky structure; >0.5% of 0.5mm pores; few very fine fibrous roots.

FCD=110. Wetness Class I, Wetness Grade 1.

MBW=-32.8mm, MBP=-42.8mm. Droughtiness Grade 3b.

ALC Grade = 3b, limited by soil droughtiness.



Pit 29, SK826710, 8m AOD

Depth (cm) Description

0 – 40	Dark greyish brown (10YR 4/2) medium sandy loam; 2% small and medium hardstones; non-calcareous; unmottled; friable; weakly developed medium sub-angular blocky structure; >0.5% of 0.5mm pores; few fine fibrous roots; clear smooth boundary to:
40 – 95	Brown (7.5YR 4/4) sandy clay loam; stoneless; non-calcareous; unmottled; friable; weakly developed medium angular blocky structure; >0.5% of 0.5mm pores; few very fine fibrous roots; clear wavy boundary to:
95 – 100	Reddish brown (5YR 4/4) medium sand; stoneless; non-calcareous; unmottled and ferrimanganiferous concretions; very friable; very weakly developed fine single grain structure; gleyed ped faces; >0.5% of 0.5mm pores; no visible roots.

FCD=110. Wetness Class I, Wetness Grade 1.

MBW=20.7mm, MBP=0.7mm. Droughtiness Grade 2.

ALC Grade = 2, limited by soil droughtiness.



Pit 30, Field EH2C, SK829707, 6m AOD

Depth (cm) Description

0 – 34	Brown (10YR 4/3) medium sandy loam; 2% small sub-rounded hardstones; non-calcareous; unmottled; firm; moderately developed coarse angular blocky structure; <0.5% of 0.5mm pores; few fine fibrous roots; clear smooth boundary to:
34 – 60	Brown (7.5YR 5/4 and 7.5YR 5/2) loamy medium sand; 2% small sub-rounded gravel, non-porous (hard) stones; non-calcareous; many strong brown (7.5YR 5/8) mottles and ferrimanganiferous concretions; friable; moderately developed medium sub-angular blocky structure; gleyed ped faces; >0.5% of 0.5mm pores; few fine fibrous roots; clear smooth boundary to:
60 – 100	Light brown (7.5YR 6/4) medium sand; 1% small to medium hardstones; non-calcareous; common black (7.5YR 2.5/1) mottles and ferrimanganiferous concretions; friable; very weakly developed coarse sub-angular blocky structure; >0.5% of 0.5mm pores; few very fine fibrous roots.

FCD=110. Wetness Class II, Wetness Grade 1.

MBW=-13.3mm, MBP=-24.2mm. Droughtiness Grade 3a.

ALC Grade = 3a, limited by soil droughtiness.



Pit 31, SK828705, 7m AOD

Depth (cm) Description

0 – 33	Brown (10YR 4/3) medium sandy loam; 1% small sub-rounded hardstones; non-calcareous; unmottled; friable; weakly developed fine sub-angular blocky structure; >0.5% of 0.5mm pores; no visible roots; clear wavy boundary to:
33 – 65	Brown (7.5YR 4/3) loamy medium sand; stoneless; non-calcareous; unmottled; friable; well-developed fine platy structure; >0.5% of 0.5mm pores; no visible roots; clear wavy boundary to:
65 – 100	Brown (7.5YR 4/2) sandy clay loam; stoneless; non-calcareous; common unmottled and ferrimanganiferous concretions; firm; moderately developed medium prismatic structure; gleyed ped faces; <0.5% of 0.5mm pores; no visible roots.

FCD=110. Wetness Class II, Wetness Grade 1.

MBW=3.0mm, MBP=-25.9mm. Droughtiness Grade 3a.

ALC Grade = 3a, limited by soil droughtiness.



Appendix F Soil auger log

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 (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
BR1A-1 480301 372202	30	Dk Rd Br	5yr32		HCL	1	1			III	3b	2	3b	WE
	45	Dk Gr	5yr41		HCL			xxx	yes	Droughtiness Calculation				
	75	Yl Br + Gr	10yr54	10yr51	C			xxx	yes	MDW 117	MDP 112	MBW 11.72	MBP -5.68	Grade 2
BR1A-2 480392 372200	20	Dk Gr Br	10yr42		C					III	3b	3a	3b	WE
	35	Gr Br	10yr52		ZC			xxx	no	Droughtiness Calculation				
	65	Gr Br	10yr52		C			xxx	yes	MDW 117	MDP 112	MBW 3.5	MBP -14.5	Grade 3a
	120	Ol Gr + Rd Br	5y52	5yr43	C			xxx	yes					
BR1A-3 480197 372105	35	Dk Rd Br	5yr33		HCL	1	1			III	3b	2	3b	WE
	85	Dk Rd Gr + Rd Br	5yr42	5yr44	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 13.905	MBP -4.095	Grade 2
BR1A-4 480296 372104	26	Dk Rd Br	5yr32		HCL	1	1			III	3b	2	3b	WE
	45	Br	75yr52		HCL			xxx	yes	Droughtiness Calculation				
	85	Br + Gr	75yr52	75yr51	C			xxx	yes	MDW 117	MDP 112	MBW 15.258	MBP -2.742	Grade 2
BR1A-5 480200 371998	21	Dk Gr Br	10yr42		HZCL					II	3a	2	3a	WE
	40	Yl Br	10yr54		MSL	5	1	x	no	Droughtiness Calculation				
	55	Br	10yr53		SCL	10	1	xxx	no	MDW 117	MDP 112	MBW 13.695	MBP -5.03	Grade 2
	120	Ol Gr + Rd Br	5y52	5yr43	C			xxx	yes					
BR1A-6 480299 372008	28	Dk Rd Br	5yr32		HCL	1	1			III	3b	2	3b	WE
	85	Gr Br + Gr	10yr52	25y61	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 10.524	MBP -7.476	Grade 2
BR1B-1 480298 372509	30	Dk Rd Br	5yr33		HCL	1	1			III	3b	2	3b	WE
	45	Rd Br	5yr43		HCL			xxx	yes	Droughtiness Calculation				
	90	Dk Rd Gr	5yr42		C			xxx	yes	MDW 117	MDP 112	MBW 15.99	MBP -2.01	Grade 2
BR1B-2 480101 372409	24	V Dk Gr Br	10yr32		MCL	1	1			I	1	2	2	DR
	60	Gr	10yr51		MSL	3	1	xxx	no	Droughtiness Calculation				
	85	Gr	10yr51		LMS	1	1	xxx	no	MDW 117	MDP 112	MBW 14.275	MBP -9.584	Grade 2
	120	Rd Br	5yr43		SC			xxx	yes					
BR1B-3 480200 372398	30	Dk Gr Br	10yr42		ZL					II	2	1	2	WE
	45	Yl Br	10yr54		MSL			xxx	no	Droughtiness Calculation				
	65	Yl Br	10yr54		MSL	10	1	xxx	no	MDW 117	MDP 112	MBW 33.6525	MBP 13.02	Grade 1
	120	Rd Br	5yr43		C	3	1	xxx	yes					

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
BR1B-4 480299 372401	30	Dk Rd Br	5yr33		MCL	1	1			I	1	3a	3a	DR
	55	Li Br Gr + Yl Br	10yr62	10yr56	LMS			xxx	no	Droughtiness Calculation				
	120	Li Br Gr + Gr Br	10yr62	10yr52	FS			xxx	no	MDW 117	MDP 112	MBW 31.29	MBP -19.51	Grade 3a
BR1B-5 480400 372398	23	Dk Gr Br	10yr42		C					III	3b	2	3b	WE
	40	Yl Br	10yr54		C			xxx	no	Droughtiness Calculation				
	75	Gr	10yr51		SCL	10	1	xxx	yes	MDW 117	MDP 112	MBW 8.925	MBP -10	Grade 2
BR1B-6 480103 372306	31	Dk Rd Br	5yr33		MCL	1	1			I	1	3a	3a	DR
	52	Gr	10yr51		MSL			xxx	no	Droughtiness Calculation				
	85	Li Br	75yr63		LMS			xxx	no	MDW 117	MDP 112	MBW 12.813	MBP -12.267	Grade 3a
BR1B-7 480200 372310	28	Dk Rd Br	5yr33		MCL	1	1			II	2	3a	3a	DR
	65	Gr	10yr51		LMS			xxx	no	Droughtiness Calculation				
	75	Br	75yr52		SC			xxx	yes	MDW 117	MDP 112	MBW -4.536	MBP -28.936	Grade 3a
BR1B-8 480297 372305	29	Dk Rd Br	5yr33		MCL	1	1			III	3a	2	3a	WE
	43	Gr + Br	10yr51	75yr43	MSL			xxx	no	Droughtiness Calculation				
	60	Rd Gr + Rd Br	5yr52	5yr44	SC			xxx	yes	MDW 117	MDP 112	MBW 14.807	MBP -4.193	Grade 2
BR1B-9 480399 372308	29	Dk Rd Br	5yr33		MCL	1	1			III	3a	2	3a	WE
	50	Gr + Br	10yr51	75yr43	HCL			xxx	yes	Droughtiness Calculation				
	120	Rd Gr + Rd Br	5yr52	5yr44	C			xxx	yes	MDW 117	MDP 112	MBW 17.307	MBP -0.693	Grade 2
BR1B-10 480200 372198	30	Dk Gr Br	10yr42		HZCL					II	3a	2	3a	WE
	60	Yl Br	10yr54		HZCL	5	1	x	no	Droughtiness Calculation				
	120	Rd Br	5yr43		C	3	1	xxx	yes	MDW 117	MDP 112	MBW 22.755	MBP 6.24	Grade 2
BR1C-1 480412 372698	33	Dk Br	10yr33		MZCL	1	1			III	3a	1	3a	WE
	79	Li Br + Gr	75yr63	75yr51	HZCL	1	1	xxx	yes	Droughtiness Calculation				
	105	Rd Br	25yr53		C	1	1	xxx	yes	MDW 117	MDP 112	MBW 30.892	MBP 12.414	Grade 1
BR1C-2 480400 372598	26	Br	10yr43		ZC					III	3b	3a	3b	WE
	120	Gr Br	10yr52		SC			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 14.4	MBP -10.6	Grade 3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
BR1C-3 480431 372513	33	V Dk Gr Br	10yr32		HZCL	1	1			III	3b	2	3b	WE
	55	Gr	10yr51		ZC	1	1	xxx	yes	Droughtiness Calculation				
	75	Rd Br	5yr53		C	1	1	xxx	yes	MDW 117	MDP 112	MBW 13.864	MBP -4.416	Grade 2
BR1E-1 480494 372707	28	Dk Gr Br	10yr42		MCL	1	1			I	1	3a	3a	DR
	40	Pi Gr + Gr	75yr62	75yr51	HCL	1	1	xxx	no	Droughtiness Calculation				
	85	Rd Br	25yr44		LMS	1	1	xxx	no	MDW 117	MDP 112	MBW 0.226	MBP -21.648	Grade 3a
	120	Rd Br	25yr44		C			xxx	yes					
BR1E-2 480597 372701	31	Dk Gr Br	10yr42		MCL	1	1			III	3a	3a	3a	DR,WE
	64	Pi Gr + Gr	75yr62	75yr51	HCL	1	1	xxx	yes	Droughtiness Calculation				
	120	Rd Gr	25yr51		MS	1	1	xxx	no	MDW 117	MDP 112	MBW 4.4534	MBP -1.0908	Grade 3a
BR1E-3 480689 372705	31	Br	10yr43		MCL	1	1			III	3a	2	3a	WE
	56	Gr	75yr51		HCL	1	1	xxx	yes	Droughtiness Calculation				
	66	Rd Br	5yr44		MS	1	1	xxx	no	MDW 117	MDP 112	MBW 32.295	MBP -5.15	Grade 2
	120	Rd Br	25yr44		HCL			xxx	yes					
BR1E-4 480791 372704	34	Dk Gr Br	10yr42		HCL	1	1			II	3a	2	3a	WE
	60	Gr	75yr51		HCL	1	1	xxx	no	Droughtiness Calculation				
	75	Rd Gr	25yr51		SCL	1	1	xxx	no	MDW 117	MDP 112	MBW 15.3445	MBP 4.692	Grade 2
	120	Yl Br	10yr54		LMS			xxx	no					
BR1E-5 480895 372702	27	Br	10yr43		MCL	1	1			II	2	2	2	DR,WE
	60	Pi Gr + Gr	75yr62	75yr51	HCL	7	1	xxx	no	Droughtiness Calculation				
	70	Pi Gr	75yr62		SCL	20	1	xxx	no	MDW 117	MDP 112	MBW 17.961	MBP -2.324	Grade 2
	105	Gr	25y61		C			xxx	yes					
BR1E-6 480999 372702	28	Dk Gr Br	10yr42		MCL	1	1			I	1	2	2	DR
	60	Pi Gr + Gr	75yr62	75yr51	HCL	1	1	xxx	no	Droughtiness Calculation				
	120	Rd Gr	25yr51		LMS	1	1	xxx	no	MDW 117	MDP 112	MBW 6.235	MBP -4.22	Grade 2
BR1E-7 481072 372689	21	Dk Gr Br	10yr42		MCL	1	1			I	1	2	2	DR
	53	Gr	75yr61		HCL	10	1	xxx	no	Droughtiness Calculation				
	120	Rd Gr	25yr51		MSL	1	1	xxx	no	MDW 117	MDP 112	MBW 38.2045	MBP -2.895	Grade 2
BR1E-8 480506 372597	30	Dk Gr Br	10yr42		MCL	1	1			I	1	2	2	DR
	48	Rd Br + Gr	5yr53	75yr51	MCL	1	1	xxx	no	Droughtiness Calculation				
	63	Li Br Gr	10yr62		SCL	5	1	xxx	no	MDW 117	MDP 112	MBW 6.8701	MBP -3.6244	Grade 2
	105	Pi Gr	75yr62		LMS	3	1	xxx	no					

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
BR1E-9 480600 372598	26	Dk Rd Br	5yr34		MSL					II	1	3a	3a	DR
	57	Br + Pi Gr	75yr44	5yr62	SCL	3	1	xxx	no	Droughtiness Calculation				
	120	Br	75yr43		MS			o	no	MDW 117	MDP 112	MBW -5.8075	MBP -15.322	Grade 3a
BR1E-10 480706 372602	29	Dk Gr Br	10yr42		MCL	1	1			III	3a	2	3a	WE
	68	Pi Gr	75yr62		HCL	1	1	xxx	yes	Droughtiness Calculation				
	105	Gr	5yr51		MS	1	1	xxx	no	MDW 117	MDP 112	MBW 6.4338	MBP 2.6324	Grade 2
BR1E-11 480800 372598	28	Dk Br	75yr34		MSL					III	2	2	2	DR,WE
	51	Rd Br + Pi Gr	5yr44	75yr62	SCL	1	1	xxx	no	Droughtiness Calculation				
	67	Dk Rd Br	5yr34		C			xxx	yes	MDW 117	MDP 112	MBW 10.86	MBP -5.702	Grade 2
	100	St Br + Li Br	75yr56	75yr63	C	5	1	xxx	yes					
BR1E-12 480907 372602	32	Br	10yr43		MCL	1	1			III	3a	2	3a	WE
	86	Br + Pi Gr	75yr53	75yr62	HCL	1	1	xxx	yes	Droughtiness Calculation				
	120	Rd Gr	25yr51		LMS	10	1	xxx	no	MDW 117	MDP 112	MBW 19.068	MBP 5.286	Grade 2
BR1E-13 481000 372598	33	Dk Rd Br	5yr34		MSL					I	1	3a	3a	DR
	57	Rd Br + Pi Gr	5yr44	75yr62	MSL	5	1	xxx	no	Droughtiness Calculation				
	120	St Br	75yr56		MS			o	no	MDW 117	MDP 112	MBW -4.0575	MBP -14.3	Grade 3a
BR1E-14 480499 372516	25	Dk Gr Br	10yr42		MCL	1	1			III	3a	2	3a	WE
	40	Yl Br + Gr	10yr56	75yr51	HCL	1	1	xxx	yes	Droughtiness Calculation				
	58	Rd Br	5yr53		SCL	5	1	xxx	no	MDW 117	MDP 112	MBW 11.5396	MBP -9.5004	Grade 2
	80	Rd Br	5yr53		LMS	3	1	xxx	no					
BR1E-15 480601 372510	105	Rd Br	25yr44		C									
	33	Dk Rd Br	5yr33		SCL	1	1			II	2	2	2	DR,WE
	70	Yl Br	10yr54		MSL			xxx	no	Droughtiness Calculation				
	120	Br	75yr53		LMS			xxx	no	MDW 117	MDP 112	MBW 10.072	MBP -0.928	Grade 2
BR1E-16 480701 372507	29	Dk Rd Br	5yr32		SCL	2	1			II	2	3b	3b	DR
	78	Br + Br	75yr54	75yr52	LMS			xxx	no	Droughtiness Calculation				
	110	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW -10.668	MBP -34.108	Grade 3b
BR1E-17 480802 372506	29	Dk Rd Br	5yr33		MCL	1	1			II	2	2	2	DR,WE
	75	Br	10yr43		HCL	7	1	xxx	no	Droughtiness Calculation				
	120	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 20.9395	MBP 1.002	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
BR1E-18 480899 372509	39	Dk Rd Br	5yr32		SCL	5	1			I	1	3a	3a	DR
	60	Dk Br	75yr32		LMS	1	1	x	no	Droughtiness Calculation				
	115	Yl Br	10yr56		MS			x	no	MDW	MDP	MBW	MBP	Grade
	120	Rd Br	5yr43		C			xxx	yes	117	112	-15.7144	-28.2344	3a
BR1E-19 481000 372510	35	Dk Br	75yr33		MCL	1	1			II	2	2	2	DR,WE
	120	Br	75yr43		MCL			xxx	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										117	112	39.405	6.405	2
BR1E-20 481005 372427	30	Dk Rd Br	5yr32		HCL	1	1			III	3b	2	3b	WE
	75	Dk Br	75yr32		HCL			xxx	yes	Droughtiness Calculation				
	115	Dk Gr Br	10yr42		SC			xxx	yes	MDW	MDP	MBW	MBP	Grade
										117	112	29.49	5.49	2
BR1E-21 480499 372410	30	Dk Rd Br	5yr32		MCL	1	1			II	2	3a	3a	WE
	55	Yl Br + Gr Br	10yr54	10yr52	MSL			xxx	no	Droughtiness Calculation				
	100	Dk Yl Br + Br	10yr44	75yr54	LMS			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Rd Br	5yr43		C			xxx	yes	117	112	7.59	-10.21	3a
BR1E-22 480600 372398	28	Dk Gr Br	10yr42		HZCL					II	3a	2	3a	WE
	60	Yl Br	10yr54		SCL			xx	no	Droughtiness Calculation				
	90	Yl Br	10yr54		SCL			xxx	yes	MDW	MDP	MBW	MBP	Grade
	120	Rd Br	5yr43		SC			xxx	yes	117	112	33.2	4.2	2
BR1E-23 480701 372398	35	Dk Rd Br	5yr32		SCL	1	1			II	2	2	2	DR,WE
	75	Dk Br	75yr32		MSL			xxx	no	Droughtiness Calculation				
	115	Dk Gr Br	10yr42		LMS			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Rd Br	5yr43		C			xxx	yes	117	112	14.64	-0.56	2
BR1E-24 480800 372398	35	Dk Rd Br	5yr34		MSL					I	1	2	2	DR
	69	Dk Br + Pi Gr	75yr34	75yr62	MSL			o	no	Droughtiness Calculation				
	120	St Br	75yr56		MS			o	no	MDW	MDP	MBW	MBP	Grade
										117	112	6.3	-0.94	2
BR1E-25 480888 372406	25	Dk Rd Br	5yr32		HCL	1	1			III	3b	2	3b	WE
	75	Gr + Gr	10yr51	25y61	C			xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										117	112	9.075	-8.925	2
BR1F-1 481204 372706	31	Dk Rd Br	5yr33		MCL	1	1			I	1	2	2	DR
	75	Yl Br	10yr54		MCL			xxx	no	Droughtiness Calculation				
	101	Br	75yr53		SCL			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Rd Br	5yr44		C			xxx	yes	117	112	32.973	5.673	2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
BR1F-2 481294 372706	29	Dk Rd Br	5yr33		MCL	2	1			II	2	2	2	DR,WE
	60	Br	75yr52		SCL	2	1	xxx	no	Droughtiness Calculation				
	76	Br	75yr43		MSL	1	1	xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Br	75yr43		C			xxx	yes	117	112	23.168	-0.294	2
BR1F-3 481396 372700	30	Dk Rd Br	5yr33		MCL	1	1			I	1	2	2	DR
	70	Br	75yr52		SCL			xxx	no	Droughtiness Calculation				
	90	Br	75yr43		MSL	2	1	xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Dk Rd Gr	5yr42		LMS			xxx	no	117	112	22.47	1.49	2
BR1F-4 481099 372603	28	Dk Br	75yr32		MCL	1	1			II	2	2	2	DR,WE
	90	Dk Br + Gr	75yr33	10yr51	HCL	2	1	xxx	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										117	112	36.134	3.864	2
BR1F-5 481200 372598	28	Br	75yr42		SCL					II	2	3a	3a	DR
	71	Rd Br + Gr Br	5yr53	10yr52	SCL	5	1	xxx	no	Droughtiness Calculation				
	120	St Br + Gr	75yr56	75yr51	MS	5	1	xxx	no	MDW	MDP	MBW	MBP	Grade
										117	112	0.7805	-4.34	3a
BR1F-6 481295 372606	29	Dk Rd Br	5yr33		MCL	2	1			I	1	2	2	DR
	53	Br	75yr52		SCL	2	1	xxx	no	Droughtiness Calculation				
	65	Br	75yr43		MSL	2	1	xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Dk Rd Gr	5yr42		LMS			xxx	no	117	112	7.417	-4.194	2
BR1F-7 481400 372598	26	Dk Rd Br	5yr34		SCL					I	1	3a	3a	DR
	72	Rd Br + Gr	5yr43	5yr51	SCL			o	no	Droughtiness Calculation				
	120	Dk Rd Br	5yr34		LMS	20	1	o	no	MDW	MDP	MBW	MBP	Grade
										117	112	4.016	-1.8	3a
BR1F-8 481098 372503	26	Dk Rd Br	5yr33		MCL	1	1			I	2	3a	3a	DR
	70	Br	75yr42		SCL	1	1	xxx	no	Droughtiness Calculation				
	105	Br	75yr43		MS			xxx	no	MDW	MDP	MBW	MBP	Grade
										117	112	4.832	-0.258	3a
BR1F-9 481198 372504	28	V Dk Gr Br	10yr32		MCL	5	1			II	2	2	2	DR,WE
	70	Dk Gr	5yr41		HCL	5	1	xxx	no	Droughtiness Calculation				
	90	Pi Gr	5yr62		C			xxx	yes	MDW	MDP	MBW	MBP	Grade
										117	112	18.62	0.07	2
BR1F-10 481304 372496	35	V Dk Gr Br	10yr32		MCL	5	1			III	3a	2	3a	WE
	40	Li Rd Br + Gr	5yr63	75yr51	HCL	10	1	xxx	no	Droughtiness Calculation				
	75	Rd Br	25yr43		C	3	1	xxx	yes	MDW	MDP	MBW	MBP	Grade
										117	112	10.55	-6.805	2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
BR1F-11 481100 372405	35	Dk Rd Br	5yr33		MCL	1	1			I	1	2	2	DR
	65	Dk Rd Gr	5yr42		MSL	5	1	xxx	no	Droughtiness Calculation				
	105	Rd Br	5yr44		LMS			xxx	no	MDW 117	MDP 112	MBW 8.9675	MBP -3.095	Grade 2
BR1F-12 481200 372398	39	Dk Br	75yr34		MSL					I	1	3a	3a	DR
	55	Dk Rd Br	5yr34		MSL	5	1	xxx	no	Droughtiness Calculation				
	120	Rd Br	5yr43		MS			o	no	MDW 117	MDP 112	MBW -3.7325	MBP -14.42	Grade 3a
BR1F-13 481303 372401	29	V Dk Gr	75yr31		SCL	5	1			II	2	3a	3a	DR
	105	Br + Rd Gr	75yr52	5yr52	SCL	15	1	xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 17.095	MBP -12.13	Grade 3a
BR1F-14 481203 372324	35	Dk Rd Br	5yr33		HCL	1	1			III	3b	2	3b	WE
	80	Dk Rd Gr	5yr42		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 13.905	MBP -4.095	Grade 2
BR1F-15 481295 372305	19	V Dk Gr Br	10yr32		HZCL	5	1			III	3b	3a	3b	WE
	55	Rd Br + Gr	5yr53	75yr51	ZC	5	1	xxx	yes	Droughtiness Calculation				
	75	Dk Rd Gr	25yr41		C	5	1	xxx	yes	MDW 117	MDP 112	MBW -0.39	MBP -17.79	Grade 3a
BR1G-1 481500 372690	29	Dk Gr	75yr41		ZC					III	3b	3a	3b	WE
	60	Dk Gr	5yr41		ZC			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 6.5	MBP -13.5	Grade 3a
BR1G-2 481500 372597	30	Dk Gr	75yr41		ZC					III	3b	3a	3b	WE
	72	Dk Gr	5yr41		ZC			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 7	MBP -13	Grade 3a
BR1G-3 481412 372514	28	Dk Gr	75yr41		ZC					III	3b	3a	3b	WE
	60	Dk Gr	5yr41		ZC			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 6	MBP -14	Grade 3a
BR1G-4 481497 372512	32	Dk Gr	75yr41		ZC					III	3b	3a	3b	WE
	60	Dk Gr	5yr41		ZC			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 8	MBP -12	Grade 3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
BR1G-5 481400 372400	25 120	Dk Rd Br Rd Br + Gr	5yr32 5yr43	5yr51	ZC ZC			xxx	yes	III	3b	3a	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 4.5	MBP -15.5	Grade 3a
BR1G-6 481498 372395	20 60	V Dk Gr Dk Gr	10yr31 5yr41		ZC ZC			xxx	yes	III	3b	3a	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 2	MBP -18	Grade 3a
CR2A-1 481800 372998	35 80	Dk Br Dk Yl Br	75yr33 10yr34		ZC ZC	1 1	1 1	xxx	yes	III	3b	3a	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 8.32	MBP -11.445	Grade 3a
CR2A-2 481898 373003	30 100	Dk Gr Br Gr Br	10yr42 10yr52		ZC C			xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 9	MBP -9	Grade 2
CR2A-3 482000 372998	23 60	V Dk Gr Br Dk Gr Br	10yr32 10yr42		C C	1 1	1 1	xxx	yes	III	3b	3a	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 5.053	MBP -12.732	Grade 3a
CR2A-4 481800 372904	36 100	Dk Gr Br Br	10yr42 10yr53		HZCL ZC			xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 17.2	MBP -2.8	Grade 2
CR2A-5 481899 372903	37 100	Dk Gr Br Gr Br	10yr42 10yr52		ZC ZC			xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 10.5	MBP -9.5	Grade 2
CR2A-6 481800 372798	32 100	V Dk Gr Br Dk Gr Br	10yr32 10yr42		C ZC	1 1	1 1	xxx	yes	III	3b	3a	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 6.835	MBP -12.93	Grade 3a
CR2A-7 482000 372798	25 65	V Dk Gr Br Dk Gr Br	10yr32 10yr42		C ZC	1 1	1 1	xxx	yes	III	3b	3a	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 3.37	MBP -16.395	Grade 3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR2A-8 481798 372704	29 100	Dk Gr Br Gr Br	10yr42 10yr52		ZC C			xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 8.6	MBP -9.4	Grade 2
CR2A-9 481898 372705	31 100	Dk Gr Br Gr Br	10yr42 10yr52		ZC C			xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 9.4	MBP -8.6	Grade 2
CR2A-10 482001 372698	33 50 100	Dk Gr Br Dk Gr Br Dk Gr Br	10yr42 10yr42 10yr42		HCL-C C C			xxx xxx	no yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 13.5	MBP -4.5	Grade 2
CR2A-11 482099 372700	30 100	Dk Gr Br Dk Gr Br	10yr42 10yr42		HCL C			xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 12	MBP -6	Grade 2
CR2A-12 481699 372602	33 100	Dk Gr Br Br	10yr42 10yr53		HZCL ZC			xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 15.1	MBP -4.9	Grade 2
CR2A-13 481800 372598	28 60	Br Li Br Gr + Rd Br	10yr43 25y62	5yr54	C C	1	1	xxx	yes	III	3b	3a	3b	WE,FL
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 7.752	MBP -10.248	Grade 3a
CR2A-14 481896 372604	32 100	Dk Gr Br Gr Br	10yr42 10yr52		ZC C			xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 9.8	MBP -8.2	Grade 2
CR2A-15 482000 372598	24 80	Br Li Br + Pl Br	75yr43 75yr64	10yr63	C SCL	1	1	xxx	no	II	3a	2	3a	WE,FL
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 32.416	MBP -2.584	Grade 2
CR2A-16 482096 372599	30 100	Dk Gr Br Dk Gr Br	10yr42 10yr42		HCL C			xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 12	MBP -6	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR2A-17 481700 372500	31 100	Dk Gr Br Gr Br	10yr42 10yr52		ZC C			xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 9.4	MBP -8.6	Grade 2
CR2A-18 481797 372506	38 100	Dk Gr Br Gr Br	10yr42 10yr52		ZC C			xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 12.2	MBP -5.8	Grade 2
CR2A-19 481897 372507	33 100	Dk Gr Br Gr Br	10yr42 10yr52		ZC C			xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 10.2	MBP -7.8	Grade 2
CR2A-20 482001 372501	35 70 100	Dk Gr Br Dk Gr Br Dk Gr Br	10yr42 10yr42 10yr42		HZCL HZCL SCL			xxx xxxx	yes yes	III	3b	1	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 45	MBP 14	Grade 1
CR2A-21 482099 372498	30 100	Dk Gr Br Gr	10yr42 10yr51		HZCL ZC			xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 13	MBP -7	Grade 2
CR2A-22 481702 372404	32 60 100	Dk Gr Br Br Br	10yr42 10yr53 10yr53		HZCL C SCL			xxx xxx	yes no	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 34.2	MBP 0.2	Grade 2
CR2A-23 481800 372400	32 60	Br Li Br Gr + Rd Br	10yr43 25y62	5yr54	C C	1	1	xxx	yes	III	3b	2	3b	WE,FL
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 9.288	MBP -8.712	Grade 2
CR2A-24 481901 372405	31 100	Dk Gr Br Gr Br	10yr42 10yr52		HCL SCL			xxx	no	II	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 37.3	MBP 2.3	Grade 2
CR2A-25 482000 372400	33 60	Br Li Br Gr + Rd Br	10yr43 25y62	5yr54	C C	1	1	xxx	yes	III	3b	2	3b	WE,FL
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 9.672	MBP -8.328	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR2A-26 482102 372400	35 100	Dk Gr Br Gr	10yr42 10yr51		HZCL SCL	10	3	xxxx	no	II	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 34.75	MBP 3.15	Grade 2
CR2A-27 481708 372309	34 100	Dk Gr Br Br	10yr42 10yr53		HCL SCL			xxx	no	II	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 38.2	MBP 3.2	Grade 2
CR2A-28 481798 372303	35 100	Dk Gr Br Gr Br	10yr42 10yr52		HZCL SC			xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 25	MBP	Grade 2
CR2A-29 481996 372307	30 100	Dk Gr Br Gr	10yr42 10yr51		HZCL ZC			xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 13	MBP -7	Grade 2
CR2B-1 482200 372798	6 60	V Dk Gr Br St Br + Gr	10yr32 75yr46	75yr51	SCL C	1	1	xxx	yes	III	3a	3a	3a	DR,WE
										Droughtiness Calculation				
										MDW 115	MDP 109	MBW 1.304	MBP -15.696	Grade 3a
CR2B-2 482296 372806	38 120	V Dk Gr Br Rd Br	10yr32 5yr44		C C			xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 115	MDP 109	MBW 14.2	MBP -2.8	Grade 2
CR2B-3 482400 372798	34 68 100	V Dk Gr Br Br St Br + Gr	10yr32 75yr44 75yr46	75yr61	LMS MS C	1	1	o xxx	no yes	II	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 115	MDP 109	MBW -18.648	MBP -43.568	Grade 3b
CR2B-4 482502 372790	39 69 120	Dk Br Yl Br Rd Br + Gr	10yr33 10yr54 5yr44	75yr51	LMS MS C	5	4	x xxx	no yes	II	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 115	MDP 109	MBW -15.86	MBP -40.245	Grade 3b
CR2B-5 482196 372705	37 120	Dk Br Dk Yl Br	10yr33 10yr46		LMS MS			o	no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 115	MDP 109	MBW -31.62	MBP -42.42	Grade 3b

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR2B-6 482299 372702	39	Dk Br	10yr33		MSL					I	1	2	2	DR
	78	Dk Br	10yr33		MSL			o	no	Droughtiness Calculation				
	120	Rd Br	5yr44		C			xxx	yes	MDW 115	MDP 109	MBW 28	MBP 3.8	Grade 2
CR2B-7 482397 372707	39	Dk Br	10yr33		SCL					II	2	2	2	DR,WE
	67	Br	75yr44		SCL			x	no	Droughtiness Calculation				
	120	Rd Br + Gr	5yr44	75yr51	C			xxx	yes	MDW 115	MDP 109	MBW 21.9	MBP 3.2	Grade 2
CR2B-8 482500 372704	39	Dk Br	10yr33		LMS	1	4			I	1	3b	3b	DR
	75	Yl Br + Br	10yr54	10yr53	LMS			o	no	Droughtiness Calculation				
	120	Br + Yl Br	10yr53	10yr54	SCL			xxx	borderline	MDW 115	MDP 109	MBW 0.269	MBP -36.331	Grade 3b
CR2B-9 482598 372708	39	Dk Br	10yr33		LMS					I	1	3b	3b	DR
	73	Dk Gr Br	10yr42		LMS			x	no	Droughtiness Calculation				
	120	Rd Br	5yr44		MSL			o	no	MDW 115	MDP 109	MBW 6.36	MBP -35.98	Grade 3b
CR2B-10 482703 372708	39	Dk Br	10yr33		LMS					I	1	3b	3b	DR
	70	Yl Br	10yr54		LMS			x	no	Droughtiness Calculation				
	120	Dk Yl Br	10yr46		MS			o	no	MDW 115	MDP 109	MBW -26.78	MBP -35.98	Grade 3b
CR2B-11 482200 372600	31	V Dk Gr Br	10yr32		MSL	1	1			I	1	3b	3b	DR
	100	St Br	75yr46		MS			o	no	Droughtiness Calculation				
										MDW 115	MDP 109	MBW -24.156	MBP -34.956	Grade 3b
CR2B-12 482298 372606	39	V Dk Gr Br	10yr32		SCL	1	1			III	3a	2	3a	WE
	120	Br	75yr42		SC			xxx	yes	Droughtiness Calculation				
										MDW 115	MDP 109	MBW 20.976	MBP -3.024	Grade 2
CR2B-13 482400 372600	36	V Dk Gr Br	10yr32		MSL	1	1			I	1	3b	3b	DR
	100	St Br	75yr46		MS			o	no	Droughtiness Calculation				
										MDW 115	MDP 109	MBW -18.536	MBP -29.336	Grade 3a
CR2B-14 482500 372601	36	Dk Yl Br	10yr34		SCL					III	3a	2	3a	WE
	120	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 115	MDP 109	MBW 13.4	MBP -3.6	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR2B-15 482600 372600	35	V Dk Gr Br	10yr32		LMS	1	1			I	1	3b	3b	DR
	58	Dk Br	75yr32		MS			o	no	Droughtiness Calculation				
	79	Li Br Gr + Li Gr	10yr62	10yr71	MS			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Li Gr Ol + Yl Rd	10y62	5yr56	C			xxx	yes	115	109	-21.22	-44.32	3b
CR2B-16 482699 372599	32	Dk Br	10yr33		LMS					I	1	3b	3b	DR
	55	Dk Br	75yr33		MS			o	no	Droughtiness Calculation				
	120	Yl Br	10yr54		MS			o	no	MDW	MDP	MBW	MBP	Grade
										115	109	-35.32	-46.12	3b
CR2B-17 482199 372514	39	Dk Yl Br	10yr34		LMS					I	1	3b	3b	DR
	120	Dk Yl Br	10yr46		MS			o	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										115	109	-30.14	-40.94	3b
CR2B-18 482299 372505	39	Dk Br	10yr33		LMS					I	1	3b	3b	DR
	52	Dk Br	10yr33		LMS			o	no	Droughtiness Calculation				
	120	Dk Yl Br	10yr46		MS			o	no	MDW	MDP	MBW	MBP	Grade
										115	109	-28.22	-38.86	3b
CR2B-19 482398 372504	36	Br	75yr44		HCL					III	3b	2	3b	WE
	120	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										115	109	17		2
CR2B-20 482501 372503	39	Dk Br	10yr33		LMS					II	1	3b	3b	DR
	66	Dk Yl Br	10yr46		LMS			o	no	Droughtiness Calculation				
	120	Rd Br + Br	5yr44	75yr53	C			xxx	yes	MDW	MDP	MBW	MBP	Grade
										115	109	-10.9	-33.66	3b
CR2B-21 482599 372503	39	Dk Br	10yr33		LMS					I	1	3b	3b	DR
	50	Dk Br	10yr33		LMS			o	no	Droughtiness Calculation				
	90	Dk Yl Br	10yr46		MS			o	no	MDW	MDP	MBW	MBP	Grade
	120	Br	10yr53		SC			xxx	yes	115	109	-16.38	-39.18	3b
CR2B-22 482704 372508	39	Dk Br	10yr33		LMS					I	1	3b	3b	DR
	58	Dk Br	10yr33		LMS			o	no	Droughtiness Calculation				
	120	Dk Yl Br	10yr46		MS			o	no	MDW	MDP	MBW	MBP	Grade
										115	109	-27.74	-37.9	3b
CR3A-1 482904 372709	36	Dk Br	10yr33		CSL	1	1			I	1	2	2	DR
	120	Pl Br	10yr63		CSL	3	1	xxx	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	111	41.189	2.494	2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR3A-2 483001 372703	38	Dk Br	10yr33		CSL	1	1			III	2	2	2	DR,WE
	50	Pl Br	10yr63		SCL			xxx	no	Droughtiness Calculation				
	120	Gn Gr	5gy61		C			xxx	yes	MDW 116	MDP 111	MBW 14.992	MBP -3.008	Grade 2
CR3A-3 483102 372702	32	Dk Br	10yr33		CSL	1	1			III	2	2	2	DR,WE
	39	Pl Br	10yr63		SCL			xxx	no	Droughtiness Calculation				
	120	Gn Gr	5gy61		C			xxx	yes	MDW 116	MDP 111	MBW 11.688	MBP -6.312	Grade 2
CR3A-4 482903 372601	36	Dk Br	10yr33		CSL	1	1			III	2	2	2	DR,WE
	48	Pl Br	10yr63		SCL			xxx	no	Droughtiness Calculation				
	120	Gn Gr	5gy61		C			xxx	yes	MDW 116	MDP 111	MBW 14.224	MBP -3.776	Grade 2
CR3A-5 483000 372598	40	Dk Br	75yr32		MSL	1	1			III	2	2	2	DR,WE
	50	Rd Br	5yr43		SC	5	1	xxx	yes	Droughtiness Calculation				
	75	Ol Gr + Rd Br	5y52	5yr43	C	3	2	xxx	yes	MDW 116	MDP 111	MBW 25.885	MBP -5.84	Grade 2
	100	Rd Br	5yr43		SCL			xx	no					
CR3A-6 483099 372603	36	Dk Br	10yr33		CSL	1	1			II	1	2	2	DR
	59	Pl Br	10yr63		CSL			xxx	no	Droughtiness Calculation				
	120	Gn Gr	5gy61		C			xxx	yes	MDW 116	MDP 111	MBW 19.624	MBP 0.724	Grade 2
CR3A-7 483200 372600	36	Dk Br	75yr32		MSL					III	2	2	2	DR,WE
	55	Br + Rd Br	75yr43	5yr43	MSL	2	2	x	no	Droughtiness Calculation				
	80	Ol Gr + Rd Br	5y52	5yr43	C			xxx	yes	MDW 116	MDP 111	MBW 28.394	MBP -2.256	Grade 2
	100	Rd Br	5yr43		SCL	1	1	o	no					
CR3A-8 482901 372507	36	Dk Br	10yr33		SCL	1	1			III	3a	2	3a	WE
	56	Pl Br	10yr63		CSL			xxx	no	Droughtiness Calculation				
	120	Wk Rd	10r53		C			xxx	yes	MDW 116	MDP 111	MBW 18.424	MBP -0.176	Grade 2
CR3A-9 483000 372503	34	Dk Br	10yr33		SCL	1	1			III	3a	2	3a	WE
	45	Pl Br	10yr63		CSL			xxx	no	Droughtiness Calculation				
	120	Gn Gr	5gy61		C			xxx	yes	MDW 116	MDP 111	MBW 14.356	MBP -3.644	Grade 2
CR3A-10 483095 372506	34	Dk Br	10yr33		CSL	1	1			II	1	2	2	DR
	59	Pl Br	10yr63		CSL			xxx	no	Droughtiness Calculation				
	120	Gn Gr	5gy61		C			xxx	yes	MDW 116	MDP 111	MBW 19.456	MBP 0.556	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR3A-11 482899 372400	37	Dk Br	10yr33		CSL	1	1			III	2	2	2	DR,WE
	53	Yl Br	10yr54		SCL			xxx	no	Droughtiness Calculation				
	120	Pl Br	10yr63		C			xxx	yes	MDW 116	MDP 111	MBW 15.708	MBP -2.592	Grade 2
CR3A-12 483000 372398	37	Dk Br	75yr32		LMS					III	2	3a	3a	DR
	50	Yl Br	10yr54		LMS			o	no	Droughtiness Calculation				
	100	Ol Gr + Rd Br	5y52 5yr43		C			xxx	yes	MDW 116	MDP 111	MBW -9.54	MBP -27.54	Grade 3a
CR3A-13 483099 372406	37	Dk Br	10yr33		CSL	1	1			I	1	2	2	DR
	120	Pl Br	10yr63		CSL	3	1	xxx	no	Droughtiness Calculation				
										MDW 116	MDP 111	MBW 41.318	MBP 2.623	Grade 2
CR3A-14 483200 372400	37	Dk Br	75yr32		MSL					I	1	2	2	DR
	70	Br	75yr43		MSL			xx	no	Droughtiness Calculation				
	100	Br	75yr53		LMS			o	no	MDW 116	MDP 111	MBW 12.4	MBP 1.4	Grade 2
CR3A-15 483300 372403	38	Dk Br	10yr33		SCL	1	1			II	2	3a	3a	DR
	61	Pl Br	10yr63		CSL			xxx	no	Droughtiness Calculation				
	120	V Pl Br	10yr73		CS			xxx	yes	MDW 116	MDP 111	MBW -1.828	MBP -6.608	Grade 3a
CR3A-16 483400 372400	38	Dk Br	75yr32		MSL					I	1	2	2	DR
	58	Br	75yr43		SCL			xx	no	Droughtiness Calculation				
	70	Rd Br	5yr43		C	3	2	xxx	no	MDW 116	MDP 111	MBW 25.82	MBP -1.16	Grade 2
	90	Br	75yr43		MSL			xx(x)	no					
	100	Ol Gr + Rd Br	5y52		C									
CR3B-1 483496 372299	45	Dk Br	10yr33		LMS					II	1	3a	3a	DR
	120	Li Gn Gr	5gy71		C			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 111	MBW -2	MBP -20	Grade 3a
CR3B-2 483597 372300	39	Dk Br	10yr33		LMS					I	1	3b	3b	DR
	120	Br Yl	10yr66		MS			o	no	Droughtiness Calculation				
										MDW 116	MDP 111	MBW -31.14	MBP -42.94	Grade 3b
CR5A-1 484598 372592	35	V Dk Gr	10yr31		MSL	3	1			I	1	3b	3b	DR
	81	Li Br	75yr63		MS			xxx	no	Droughtiness Calculation				
	110	Gr	25y61		SC			xxx	yes	MDW 116	MDP 111	MBW -6.18	MBP -33.58	Grade 3b

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR5A-2 484699 372603	40 100	V Dk Gr Br Yl	10yr31 10yr66		LMS MS			o	no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 111	MBW -30.4	MBP -42.2	Grade 3b
CR5A-3 484600 372499	36 100	V Dk Gr Pl Br	10yr31 10yr63		MSL MS			o	no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 111	MBW -18.96	MBP -30.76	Grade 3b
CR5A-4 484701 372504	36 100	V Dk Gr Pl Br	10yr31 10yr63		MSL MS			o	no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 111	MBW -18.96	MBP -30.76	Grade 3b
CR5A-5 484517 372415	50 100	V Dk Gr Gr Br	10yr31 10yr52		MSZL MS			o	no	I	1	2	2	DR
										Droughtiness Calculation				
										MDW 116	MDP 111	MBW 7	MBP -4.8	Grade 2
CR5B-1 484600 372995	34	V Dk Gr Br	10yr32		MSL					I	1	3a	3a	DR
	67	Rd Br	25yr44		LMS			o	no	Droughtiness Calculation				
	81	Gr + Gr	10yr61	10yr51	SC			xxx	no	MDW 116	MDP 110	MBW -8.6	MBP -24.54	Grade 3a
	120	Li Br	75yr63		LMS			xxx	no					
CR5B-2 484606 372910	39 90	V Dk Gr Br	10yr31 10yr43		MSL MS			o	no	I	1	3a	3a	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -15.54	MBP -26.34	Grade 3a
CR5B-3 484698 372905	34	V Dk Gr	10yr31		LMS					I	1	3a	3a	DR
	50	Br Yl	10yr66		LMS			o	no	Droughtiness Calculation				
	70	Yl Br	10yr54		SCL			o	no	MDW 116	MDP 110	MBW -16.28	MBP -24.28	Grade 3a
	100	Gr	10yr51		LMS			o	no					
CR5B-4 484600 372798	32	V Dk Gr	10yr31		SCL					III	3a	2	3a	WE
	60	Gr	75yr51		C			xxx	yes	Droughtiness Calculation				
	110	Gr Br	25y52		ZC			xxx	yes	MDW 116	MDP 110	MBW 10.8	MBP -7.2	Grade 2
CR5B-5 484704 372799	40 100	V Dk Gr Li Br Gr	10yr31 10yr62		MSL MS			o	no	I	1	3a	3a	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -14.4	MBP -25.2	Grade 3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR5B-6 484600 372700	38 80	V Dk Gr Br	10yr31 10yr43		MSL MS			o	no	I	1	3a	3a	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -16.68	MBP -27.48	Grade 3a
CR5B-7 484698 372705	37 100	V Dk Gr Li Br Gr	10yr31 10yr62		LMS MS			x	no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -32.62	MBP -43.42	Grade 3b
CR5C-1 484600 373198	35 120	V Dk Gr Br Li Br	10yr32 75yr63		LMS MS			xxx	no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -34.1	MBP -44.9	Grade 3b
CR5C-2 484702 373205	30 43 120	V Dk Br Yl Br Li Br Gr	10yr22 10yr54 10yr62		CSL LCS CS	1	1	xxx xxx	no no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -31.96	MBP -40.36	Grade 3b
CR5C-3 484800 373198	32 44 70 120	V Dk Gr Br Br Dk Rd Br + Gr Li Br	10yr32 75yr52 25yr34 75yr63	10yr51	LMS LMS LMS MS			xxx o xxx	no no no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -31.84	MBP -41.04	Grade 3b
CR5C-4 484900 373200	30 120	Dk Gr Br Pl Br	10yr42 10yr63		CSL CS			xxx	no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -34.6	MBP -43	Grade 3b
CR5C-5 484602 373104	26 37 120	V Dk Gr Br Pl Br V Pl Br	10yr32 10yr63 10yr73		CSL CSL CS			xxx xxx	no no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -26.6	MBP -35	Grade 3b
CR5C-6 484700 373105	25 35 120	V Dk Br Pl Br Pl Br	10yr22 10yr63 10yr63		CSL CSL CS			xxx xxx	no no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -29.1	MBP -37.5	Grade 3b
CR5C-7 484800 373100	32 50 72 120	V Dk Gr Br Dk Gr Br Li Br Gr Gr	10yr32 10yr42 10yr62 10yr61		CSL LCS CSL SCL			o xxx xxx	no no no	I	1	3a	3a	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW 22.12	MBP -12.08	Grade 3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR5C-8 484900 373100	38	V Dk Gr	10yr31		CSL	1	1			I	1	3b	3b	DR
	62	V Dk Gr Br	10yr32		LCS			xxx	no	Droughtiness Calculation				
	120	Li Br Gr	10yr62		CS			xxx	no	MDW 116	MDP 110	MBW -20.008	MBP -27.448	Grade 3b
CR5C-9 485000 373100	29	V Dk Gr Br	10yr32		CSL	1	1			I	1	3b	3b	DR
	53	Pl Br	10yr63		LCS	1	1	xxx	no	Droughtiness Calculation				
	120	Li Br Gr	10yr62		CS			xxx	no	MDW 116	MDP 110	MBW -30.9748	MBP -39.1384	Grade 3b
CR5C-10 484705 373007	25	V Dk Br	10yr22		CSL	1	1			I	1	3b	3b	DR
	95	Pl Br	10yr63		LCS			xxx	no	Droughtiness Calculation				
	120	Pl Br	10yr63		MSL			xxx	no	MDW 116	MDP 110	MBW -8.8	MBP -39.1	Grade 3b
CR5C-11 484800 373000	29	V Dk Gr Br	10yr32		LMS					I	1	3b	3b	DR
	76	Li Br	75yr63		LMS	5	1	xxx	no	Droughtiness Calculation				
	120	V Pl Br + Gr	10yr73	10yr51	LMS			xxx	no	MDW 116	MDP 110	MBW -30.824	MBP -44.092	Grade 3b
CR5C-12 484900 373000	31	Dk Br	10yr33		CSL					I	1	3b	3b	DR
	45	Br	10yr53		CS			xxx	no	Droughtiness Calculation				
	58	Pl Br	10yr63		SCL			xxx	no	MDW 116	MDP 110	MBW -22.36	MBP -27.4	Grade 3b
	120	Li Gr	10yr71		CS			xxx	no					
CR5D-1 484782 373791	38	V Dk Gr	10yr31		CSL	1	1			I	1	3b	3b	DR
	46	V Dk Gr Br	10yr32		LCS			o	no	Droughtiness Calculation				
	120	Yl Br	10yr54		CS			xxx	no	MDW 116	MDP 110	MBW -22.888	MBP -31.288	Grade 3b
CR5D-2 484598 373707	40	Dk Br	10yr33		CSL	1	1			I	1	3b	3b	DR
	120	Pl Br	10yr63		CS			xxx	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -22.24	MBP -30.64	Grade 3b
CR5D-3 484697 373706	40	Dk Br	10yr33		CSL	1	1			I	1	3a	3a	DR
	53	Pl Br	10yr63		CSL			xxx	no	Droughtiness Calculation				
	72	Li Yl Br	10yr64		SCL			xxx	no	MDW 116	MDP 110	MBW 5.02	MBP 3.66	Grade 2
	120	V Pl Br	10yr82		CS			xxx	no					
CR5D-4 484797 373705	38	V Dk Br	10yr22		CSL	1	1			I	1	3b	3b	DR
	56	V Dk Gr Br	10yr32		LCS			o	no	Droughtiness Calculation				
	120	Yl Br	10yr54		CS			xxx	no	MDW 116	MDP 110	MBW -20.968	MBP -28.888	Grade 3b

Name	Depth (cm)	Colour	Munsell 1 Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR5D-5 484602 373604	32 120	Dk Br Pl Br	10yr33 10yr63	CSL CS	1	1	xxx	no	I	1	3b	3b	DR
									Droughtiness Calculation				
									MDW 116	MDP 110	MBW -32.512	MBP -40.912	Grade 3b
CR5D-6 484700 373606	34 53 120	Dk Br Yl Br Pl Br	10yr33 10yr54 10yr63	CSL LCS CS	1	1	xxx xxx	no no	I	1	3b	3b	DR
									Droughtiness Calculation				
									MDW 116	MDP 110	MBW -25.624	MBP -33.784	Grade 3b
CR5D-7 484802 373600	36 55 120	V Dk Gr Dk Yl Br Pl Br	10yr31 10yr44 10yr63	CSL CS CS	1	1	o xxx	no no	I	1	3b	3b	DR
									Droughtiness Calculation				
									MDW 116	MDP 110	MBW -27.376	MBP -35.776	Grade 3b
CR5D-8 484571 373504	39 57 120	Br Li Br Gr Pl Br	10yr43 10yr62 10yr63	CSL CSL CS	1	1	xxx xxx	no no	I	1	3a	3a	DR
									Droughtiness Calculation				
									MDW 116	MDP 110	MBW -4.864	MBP -10.324	Grade 3a
CR5D-9 484690 373506	34 68 120	Br Br Pl Br	10yr43 10yr53 10yr63	LCS LCS CS	1	1	xxx xxx	no no	I	1	3b	3b	DR
									Droughtiness Calculation				
									MDW 116	MDP 110	MBW -43.42	MBP -50.38	Grade 3b
CR5D-10 484799 373501	38 46 120	Dk Yl Br Yl Br Pl Br	10yr34 10yr54 10yr63	LCS LCS CS	1	1	xxx xxx	no no	I	1	4	4	DR
									Droughtiness Calculation				
									MDW 116	MDP 110	MBW -45.46	MBP -53.86	Grade 3b
CR5D-11 484891 373503	36 55 120	Dk Br Li Yl Br Br	10yr33 10yr64 10yr53	LCS CSL CS	1	1	xxx xxx	no no	I	1	3b	3b	DR
									Droughtiness Calculation				
									MDW 116	MDP 110	MBW -28.06	MBP -34.36	Grade 3b
CR5D-12 484587 373406	33 46 120	Gr Br Pl Br Gr	10yr52 10yr63 10yr61	CSL SCL CS	1	1	xxx xxx	no no	I	1	3a	3a	DR
									Droughtiness Calculation				
									MDW 116	MDP 110	MBW -16.928	MBP -25.328	Grade 3a
CR5D-13 484675 373403	38 120	Br Br	10yr43 75yr53	CSL CS			xxx	no	I	1	3b	3b	DR
									Droughtiness Calculation				
									MDW 116	MDP 110	MBW -24.2	MBP -32.6	Grade 3b

Name	Depth (cm)	Colour	Munsell 1 Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR5D-14 484802 373407	30	Dk Br	10yr33	CSL	1	1			I	1	3b	3b	DR
	120	Yl Br	10yr56	CS			xxx	no	Droughtiness Calculation				
									MDW 116	MDP 110	MBW -35.08	MBP -43.48	Grade 3b
CR5D-15 484900 373407	32	Dk Br	10yr33	LCS	1	1			I	1	4	4	DR
	52	Yl Br	10yr54	LCS			xxx	no	Droughtiness Calculation				
	120	Li Yl Br	10yr64	CS			xxx	no	MDW 116	MDP 110	MBW -46.88	MBP -55.12	Grade 4
CR5D-16 484580 373303	32	Br	10yr43	CSL					I	1	3b	3b	DR
	71	Pl Br	10yr63	LCS			xxx	no	Droughtiness Calculation				
	120	Pl Br	10yr63	CS			xxx	no	MDW 116	MDP 110	MBW -24.32	MBP -31.28	Grade 3b
CR5D-17 484668 373310	33	Gr Br	10yr52	CSL					II	1	2	2	DR
	38	Yl Br	10yr54	SCL			xxx	no	Droughtiness Calculation				
	82	Li Gr	n7	SCL			xxx	yes	MDW 116	MDP 110	MBW 24.2	MBP 1.6	Grade 2
	120	Gr	n6	C			xxx	yes					
CR5D-18 484804 373304	40	Dk Br	10yr33	CSL	1	1			I	1	3b	3b	DR
	95	Pl Br	10yr63	CS			xxx	no	Droughtiness Calculation				
	120	Gr	n6	SCL			xxx	no	MDW 116	MDP 110	MBW -5.24	MBP -30.64	Grade 3b
CR5D-19 484897 373310	34	Dk Br	10yr33	CSL	1	1			I	1	3b	3b	DR
	120	Li Yl Br	10yr64	CS			xxx	no	Droughtiness Calculation				
									MDW 116	MDP 110	MBW -29.944	MBP -38.344	Grade 3b
CR7A-1 485498 374094	40	V Dk Gr	5yr31	MSL	1	1			I	1	3a	3a	DR
	55	V Dk Gr	5yr31	MSL			o	no	Droughtiness Calculation				
	85	Gr Br	10yr52	LMS			xxx	no	MDW 116	MDP 110	MBW 21.26	MBP -9.34	Grade 2
	120	Gr Br	10yr52	SCL			xxx	no					
CR7A-2 485400 373998	30	Dk Br	75yr33	MSL	1	1			I	1	2	2	DR
	61	Dk Br	75yr34	MSL	1	1	o	no	Droughtiness Calculation				
	82	St Br	75yr58	LMS			xxx	no	MDW 116	MDP 110	MBW 24.3045	MBP -6.934	Grade 2
	120	St Br + Gr	75yr58 75yr51	SCL			xxx	no					
CR7A-3 485496 374004	39	V Dk Gr	5yr31	MSL	1	1			I	1	3a	3a	DR
	65	Gr Br	10yr52	MS			xxx	no	Droughtiness Calculation				
	79	Gr Br	10yr52	MSL			xxx	no	MDW 116	MDP 110	MBW -6.364	MBP -22.264	Grade 3a
	120	Gr Br	10yr52	MS			xxx	no					

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR7A-4 485105 373894	37	V Dk Gr Br	10yr32		MSL	1	1			I	1	2	2	DR
	101	Br	75yr42		MSL			x	no	Droughtiness Calculation				
	120	Br	75yr42		MS			xxx	no	MDW 116	MDP 110	MBW 29.508	MBP 1.808	Grade 2
CR7A-5 485200 373909	35	V Dk Gr Br	10yr32		SCL	1	1			III	3a	2	3a	WE
	60	Br	75yr42		HCL			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 36.94	MBP 4.94	Grade 2
CR7A-6 485297 373908	34	V Dk Gr Br	10yr32		SCL	1	1			III	3a	2	3a	WE
	90	Br	75yr42		C			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 11.056	MBP -5.944	Grade 2
CR7A-7 485394 373902	40	V Dk Gr	5yr31		MSL	1	1			I	1	3a	3a	DR
	50	V Dk Gr	5yr31		MSL			o	no	Droughtiness Calculation				
	81	Gr Br	10yr52		LMS	2	1	xxx	no	MDW 116	MDP 110	MBW -0.3128	MBP -13.496	Grade 3a
	120	Gr Br	10yr52		LMS			xxx	no					
CR7A-8 485101 373805	40	V Dk Gr Br	10yr32		LMS	1	1			I	1	3a	3a	DR
	101	Br	75yr42		MSL			x	no	Droughtiness Calculation				
	120	Br	75yr42		MS			xxx	no	MDW 116	MDP 110	MBW 14.22	MBP -13.48	Grade 3a
CR7A-9 485200 373800	36	Dk Br	75yr33		MSL	1	1			I	1	3a	3a	DR
	55	Dk Br	75yr34		MSL			o	no	Droughtiness Calculation				
	72	Br + Gr Br	75yr42	10yr52	LMS			xxx	no	MDW 116	MDP 110	MBW -1.516	MBP -10.076	Grade 3a
	120	St Br	75yr58		MS			o	no					
CR7A-10 485301 373805	38	Dk Br	75yr32		SCL	1	1			III	3a	2	3a	WE
	74	Br	75yr43		SC			xxx	yes	Droughtiness Calculation				
	100	Gr Br	10yr52		C			xxx	yes	MDW 116	MDP 110	MBW 14.992	MBP -4.408	Grade 2
CR7A-11 485400 373800	36	Dk Br	75yr33		MSL	1	1			II	1	3a	3a	DR
	54	Dk Br	75yr34		LMS	2	1	o	no	Droughtiness Calculation				
	78	St Br + Gr Br	75yr46	10yr52	SCL			xxx	no	MDW 116	MDP 110	MBW 9.8096	MBP -12.6464	Grade 3a
	105	Gr	5y51		C			xxx	yes					
CR7A-12 485397 373708	39	V Dk Gr	5yr31		MSL	1	1			I	1	3a	3a	DR
	65	Gr Br + Gr	10yr52	5y61	LMS			xxx	no	Droughtiness Calculation				
	79	Br + Gr Br	10yr53	10yr52	MS			xxx	no	MDW 116	MDP 110	MBW -13.204	MBP -22.804	Grade 3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR7B-1 484997 373994	40	Dk Rd Br	5yr32		MSL	1	1			I	1	2	2	DR
	50	Dk Rd Gr	5yr42		MSL			o	no	Droughtiness Calculation				
	82	Dk Gr Br	10yr42		MSL			x	no	MDW	MDP	MBW	MBP	Grade
	100	Pl Br	10yr63		MS			o	no	116	110	30.76	2.36	2
	120	Br Yl	10yr66		MSL									
CR7B-2 485110 374007	40	V Dk Gr Br	10yr32		HCL	1	1			II	3a	2	3a	WE
	52	Dk Gr Br	10yr42		HCL			o	no	Droughtiness Calculation				
	120	Gr	10yr61		C	5	8	xxx	yes	MDW	MDP	MBW	MBP	Grade
CR7B-3 485204 374007	37	Dk Rd Br	5yr32		HCL	1	1			III	3b	2	3b	WE
	60	Gr	10yr61		C	9	8	xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
CR7B-4 485305 374009	35	V Dk Gr Br	10yr32		HCL	1	1			III	3b	2	3b	WE
	65	Dk Gr Br	10yr42		C			xxx	yes	Droughtiness Calculation				
	120	Br	75yr42		MSL			xxx	no	MDW	MDP	MBW	MBP	Grade
CR9A-1 483703 371406	38	Dk Br	75yr32		MSL	1	1			I	1	3a	3a	DR
	81	Br	10yr53		LMS			o	no	Droughtiness Calculation				
	120	Dk Yl Br	10yr46		MSL			xxx	no	MDW	MDP	MBW	MBP	Grade
CR9A-2 483800 371403	40	Dk Br	75yr32		LMS	1	1			I	1	3b	3b	DR
	120	Br	10yr53		LMS			x	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
CR9A-3 483899 371405	37	Dk Br	75yr32		LMS	1	1			II	1	3a	3a	DR
	78	Br + Gr	10yr53	10yr61	SCL			xxx	no	Droughtiness Calculation				
	120	Dk Yl Br + Gr Br	10yr46	10yr52	MSL			xxx	no	MDW	MDP	MBW	MBP	Grade
CR9A-4 483800 371305	40	Dk Br	75yr32		LMS	1	1			I	1	3b	3b	DR
	71	Gr Br	10yr52		LMS			xxx	no	Droughtiness Calculation				
	120	Dk Yl Br	10yr44		MS			x	no	MDW	MDP	MBW	MBP	Grade
CR9A-5 483898 371304	39	Dk Br	75yr32		LMS	1	1			I	1	3b	3b	DR
	120	Br	10yr53		LMS			o	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	-24.248	-37.448	3b

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR9A-6 483705 371203	40	Dk Br	75yr32		MSL	1	1	xxx	no	I	1	3a	3a	DR
	120	Gr Br	10yr52		LMS					Droughtiness Calculation				
										MDW 116	MDP 110	MBW -7.84	MBP -21.04	Grade 3a
CR9A-7 483800 371203	38	Dk Br	75yr32		LMS	1	1	xxx	no	I	1	3b	3b	DR
	120	Gr Br	10yr52		LMS					Droughtiness Calculation				
										MDW 116	MDP 110	MBW -24.816	MBP -38.016	Grade 3b
CR9A-8 483897 371203	40	Dk Br	75yr32		LMS	1	1	o xxx x	no no no	I	1	3b	3b	DR
	85	Dk Gr Br	10yr42		LMS					Droughtiness Calculation				
	103	Gr Br	10yr52		LMS					MDW 116	MDP 110	MBW -13.14	MBP -36.88	Grade 3b
	120	Br	10yr53		MSL									
CR9B-1 484000 371302	34	Dk Br	75yr32		SCL	1	1	xxx	no	II	2	2	2	DR,WE
	90	Br + Gr	10yr53	10yr61	SCL					Droughtiness Calculation				
										MDW 116	MDP 110	MBW 35.256	MBP 1.256	Grade 2
CR9B-2 484000 371198	29	Dk Br	75yr33		LMS	3	1	xxx o	no no	I	1	3b	3b	DR
	75	St Br + Pi Gr	75yr46	75yr62	MS					Droughtiness Calculation				
	120	Li Br + Gr Br	75yr63	10yr52	MS					MDW 116	MDP 110	MBW -39.584	MBP -50.384	Grade 3b
CR9B-3 483997 371102	34	Dk Br	75yr32		MSL	1	1	o	no	I	1	3a	3a	DR
	120	Rd Br	5yr44		LMS					Droughtiness Calculation				
										MDW 116	MDP 110	MBW -13.624	MBP -26.824	Grade 3a
CR9B-4 484000 371000	29	Dk Br	75yr33		MSL	1	1	xxx xxx	no no	II	1	3a	3a	DR
	70	Br + Li Br Gr	75yr43	10yr62	SCL					Droughtiness Calculation				
	120	Li Br + Gr Br	75yr63	10yr52	MS					MDW 116	MDP 110	MBW 4.336	MBP 0.336	Grade 3a
CR9B-5 484000 370906	36	Dk Br	75yr32		MSL	1	1	xxx	no	I	1	3a	3a	DR
	120	Gr Br	10yr52		LMS					Droughtiness Calculation				
										MDW 116	MDP 110	MBW -11.696	MBP -24.896	Grade 3a
CR9C-1 484000 371398	29	Dk Br	10yr33		SCL	1	1	xxx xxx xxx	no no no	I	1	3b	3b	DR
	38	Br + Pi Gr	75yr44	75yr62	LCS	3	1			Droughtiness Calculation				
	69	St Br + Gr Br	75yr58	10yr52	LCS					MDW 116	MDP 110	MBW 0.4448	MBP -35.1552	Grade 3b
	89	Li Br	75yr63		MS									
	120	Gr	10yr61		FS									

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR9C-2 484101 371402	34 80	Dk Br Gr	75yr32 10yr61		MSL SC	1	1	xxx	yes	III	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW 18.056	MBP -5.944	Grade 2
CR9C-3 484099 371301	37 63 120	Dk Br Li Br Gr Gr Br	75yr32 10yr62 10yr52		LMS MS LMS	1	1	xx xxx	no no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -28.504	MBP -42.744	Grade 3b
CR9C-4 484102 371203	34 120	Dk Br Gr Br	75yr32 10yr52		LMS LMS	1	1	xxx	no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -27.088	MBP -40.288	Grade 3b
CR9C-5 484101 371103	36 120	Dk Br Gr Br + Li Gr	75yr32 10yr52	10yr71	LMS SCL	1	1	xxx	no	II	1	3a	3a	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW 21.368	MBP -12.632	Grade 3a
CR9C-6 484100 371004	39 120	Dk Br Gr Br + Gr	75yr32 10yr52	10yr61	LMS LMS	1	1	xxx	no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -24.248	MBP -37.448	Grade 3b
CR9D-1 484200 371400	35 50 100	Dk Gr Br Gr Gr	10yr42 10yr61 10yr51		LMS LMS MS			xx(x) xx	no no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -31.7	MBP -42.5	Grade 3b
CR9D-2 484299 371396	39 100	V Dk Gr Br Gr	10yr32 10yr51		MSL MS			x	no	I	1	3a	3a	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -15.54	MBP -26.34	Grade 3a
CR9D-3 484401 371400	37 65 85 100	Dk Gr Br Gr Li Br Gr Li Br Gr	10yr42 10yr61 10yr62 10yr62		LMS SC LMS MS	5	2	xxx x o	yes no no	III	2	3a	3a	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -16.5	MBP -23.3	Grade 3a
CR9D-4 484499 371402	33 80 100	Dk Gr Br Br Yl Li Br Gr	10yr42 10yr68 10yr62		LMS LMS MS			xx(x) xx	no no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -30.46	MBP -40.46	Grade 3b

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR9D-5 484196 371294	40	Dk Gr Br	10yr42		SCL	1	1			II	2	2	2	DR,WE
	42	Bk	10yr21		Pty L			o	no	Droughtiness Calculation				
	80	V Dk Br	10yr22		HCL			x	no	MDW	MDP	MBW	MBP	Grade
	100	V Dk Gr Br	10yr32		LMS	1	1	xxx	yes	116	110	18.584	7.56	2
CR9D-6 484302 371305	31	Dk Gr Br	10yr42		LMS					I	1	3b	3b	DR
	100	Pl Br	25y74		MS			xx	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	-37.06	-47.86	3b
CR9D-7 484400 371303	35	Dk Gr Br	10yr42		LMS					I	1	3a	3a	DR
	60	Li Br Gr	10yr62		SCL			xx(x)	no	Droughtiness Calculation				
	100	Li Br Gr	10yr62		LMS			xx	no	MDW	MDP	MBW	MBP	Grade
										116	110	-9.2	-19.8	3a
CR9D-8 484495 371304	31	Br	10yr43		LMS					I	1	3b	3b	DR
	55	Br Yl	10yr68		LMS			xx(x)	no	Droughtiness Calculation				
	100	Li Rd Br	5yr64		MS			xx	no	MDW	MDP	MBW	MBP	Grade
										116	110	-33.62	-44.02	3b
CR9D-9 484195 371201	39	V Dk Gr	10yr31		MSL	1	1			III	2	3a	3a	DR,FL
	41	V Dk Gr	10yr31		MSL	1	1	o	no	Droughtiness Calculation				
	100	St Br	75yr58		MS	1	1	xxx	no	MDW	MDP	MBW	MBP	Grade
										116	110	-14.6072	-25.2512	3a
CR9D-10 484301 371204	39	Dk Gr Br	10yr42		LMS					I	1	3b	3b	DR
	100	Pl Br	25y74		MS			xx	no	Droughtiness Calculation				
	100	Li Rd Br	5yr64		MS			xx	no	MDW	MDP	MBW	MBP	Grade
										116	110	-31.14	-41.94	3b
CR9D-11 484399 371200	35	Dk Gr Br	10yr42		LMS					I	1	3b	3b	DR
	50	Li Br Gr	25y62		LMS			xx	no	Droughtiness Calculation				
	55	Gr	10yr51		C			xxx	no	MDW	MDP	MBW	MBP	Grade
	100	Pl Br	25y74		MS			o	no	116	110	-30.2	-38.8	3b
CR9D-12 484495 371201	32	Dk Gr Br	10yr42		LMS					I	1	3b	3b	DR
	70	Pl Br	25y74		LMS			xx(x)	no	Droughtiness Calculation				
	100	Li Rd Br	5yr64		MS			xx	no	MDW	MDP	MBW	MBP	Grade
										116	110	-31.84	-41.04	3b
CR9D-13 484207 371103	30	Dk Gr Br	10yr42		MSL					II	1	3a	3a	DR
	45	Pl Br	25y74		LMS			xxx	no	Droughtiness Calculation				
	65	Li Br Gr	10yr62		SC			xxx	yes	MDW	MDP	MBW	MBP	Grade
	100	Gr + Rd Br	10yr51	5yr43	C			xxx	yes	116	110	2.8	-15.7	3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR9D-14 484283 371105	35	Dk Gr Br	10yr42		MSL					I	1	3a	3a	DR
	55	Pl Br	25y74		LMS			xx(x)	no	Droughtiness Calculation				
	100	Li Rd Br	5yr64		MS			xx	no	MDW 116	MDP 110	MBW -17.3	MBP -27.7	Grade 3a
CR9D-15 484397 371101	35	Dk Gr Br	10yr42		LMS					I	1	3b	3b	DR
	100	Pl Br	25y74		MS			o	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -34.1	MBP -44.9	Grade 3b
CR9D-16 484495 371115	32	Dk Gr Br	10yr42		LMS					I	1	3b	3b	DR
	60	Pl Br	25y74		LMS			xx(x)	no	Droughtiness Calculation				
	120	Li Rd Br	5yr64		MS			o	no	MDW 116	MDP 110	MBW -32.64	MBP -42.64	Grade 3b
CR9D-17 484220 370998	32	Dk Gr Br	10yr42		LMS					I	1	3b	3b	DR
	100	Li Br Gr	10yr62		MS			x	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -36.32	MBP -47.12	Grade 3b
CR9E-1 483713 371599	39	Dk Br	75yr32		LMS	1	1			II	1	3b	3b	DR
	73	Br + Gr Br	75yr54	10yr52	LMS			xxx	no	Droughtiness Calculation				
	120	Yl Br + Li Br Gr	10yr54	25y62	SCL			xxx	yes	MDW 116	MDP 110	MBW 0.192	MBP -37.448	Grade 3b
CR9E-2 483800 371600	31	V Dk Gr Br	10yr32		LMS	3	1			I	1	3b	3b	DR
	43	Li Br	75yr63		LMS	3	1	x	no	Droughtiness Calculation				
	120	St Br + Pi Gr	75yr46	75yr62	MS			xxx	no	MDW 116	MDP 110	MBW -36.4864	MBP -47.2864	Grade 3b
CR9E-3 483901 371605	37	Dk Br	75yr32		LMS	1	1			I	1	3b	3b	DR
	120	Rd Br + Br	5yr54	75yr52	MS			xxx	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -33.064	MBP -43.864	Grade 3b
CR9E-4 484000 371600	30	V Dk Gr Br	10yr32		MSL	1	1			I	1	3a	3a	DR
	48	Li Br	75yr63		SCL	1	1	xxx	no	Droughtiness Calculation				
	120	Li Br + Yl Rd	75yr63	5yr46	MS			xxx	no	MDW 116	MDP 110	MBW -9.612	MBP -20.412	Grade 3a
CR9E-5 484098 371603	35	Dk Br	75yr32		LMS	1	1			I	1	3b	3b	DR
	85	Br + Gr	75yr54	10yr61	MS			xxx	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -34.52	MBP -45.32	Grade 3b

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR9E-6 484200 371600	28	V Dk Gr Br	10yr32		MSL	3	1			I	1	3b	3b	DR
	41	Dk Br	75yr34		LMS	3	1	o	no	Droughtiness Calculation				
	105	Li Br + Yl Rd	75yr63	5yr46	MS			xxx	no	MDW 116	MDP 110	MBW -27.5936	MBP -38.3936	Grade 3b
CR9E-7 484296 371602	37	Dk Br	75yr32		LMS	1	1			I	1	3b	3b	DR
	120	Br + Gr Br	75yr54	10yr52	MS			xxx	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -33.064	MBP -43.864	Grade 3b
CR9E-8 484400 371600	30	V Dk Gr	75yr31		MSL	1	1			I	1	3b	3b	DR
	49	Dk Br + Pi Gr	75yr34	75yr62	LMS	3	1	o	no	Droughtiness Calculation				
	68	Dk Rd Br	5yr34		LMS			x	no	MDW 116	MDP 110	MBW 19.5952	MBP -29.6848	Grade 3a
	120	Pi Gr	75yr62		FS			o	no					
CR9E-9 484503 371608	38	Dk Br	75yr32		LMS	1	1			I	1	3b	3b	DR
	94	Br + Gr Br	75yr54	10yr52	LMS			xxx	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -24.816	MBP -38.016	Grade 3b
CR9E-10 483714 371501	39	Dk Br	75yr32		LMS	1	1			II	1	3b	3b	DR
	91	Br + Gr Br	75yr54	10yr52	LMS			xxx	no	Droughtiness Calculation				
	120	Rd Gr + Pi Gr	5yr52	75yr62	SCL	4	8	xxx	no	MDW 116	MDP 110	MBW -10.212	MBP -37.448	Grade 3b
CR9E-11 483800 371507	36	Dk Br	75yr32		LMS	1	1			II	1	3a	3a	DR
	68	Br + Gr Br	75yr54	10yr52	SCL			xxx	no	Droughtiness Calculation				
	120	Gr Br + Rd Br	10yr52	5yr54	LMS			xxx	no	MDW 116	MDP 110	MBW -5.672	MBP -14.192	Grade 3a
CR9E-12 483901 371506	39	Dk Br	75yr32		LMS	1	1			I	1	3b	3b	DR
	93	Br + Gr	75yr52	10yr51	MS			o	no	Droughtiness Calculation				
	120	Yl Br + Gr	10yr54	10yr61	SCL			xxx	no	MDW 116	MDP 110	MBW -15.408	MBP -42.408	Grade 3b
CR9E-13 483987 371504	38	Dk Br	75yr32		MSL	1	1			II	1	2	2	DR
	74	Br + Gr Br	75yr54	10yr52	SCL			xxx	no	Droughtiness Calculation				
	120	Rd Br + Gr	5yr43	n6	ZC			xxx	yes	MDW 116	MDP 110	MBW 22.192	MBP 1.992	Grade 2
CR9E-14 484100 371505	35	Dk Br	75yr32		MSL	1	1			II	1	3a	3a	DR
	59	Br + Gr Br	75yr54	10yr52	LMS			xxx	no	Droughtiness Calculation				
	120	Rd Br + Gr	5yr43	n6	ZC			xxx	yes	MDW 116	MDP 110	MBW 0.76	MBP -20.58	Grade 3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR9E-15 484206 371516	36 120	Dk Br Br + Gr Br	75yr32 75yr54	10yr52	MSL LMS	1	1	xxx	no	II	1	3a	3a	DR
						Droughtiness Calculation								
	MDW 116	MDP 110	MBW -11.696	MBP -24.896	Grade 3a									
CR9E-16 484301 371506	34 76	Dk Br Gr Br	75yr32 10yr52		MSL LMS	1	1	xxx	no	II	1	3a	3a	DR
						Droughtiness Calculation								
	MDW 116	MDP 110	MBW -13.624	MBP -26.824	Grade 3a									
CR9E-17 484405 371501	33 90	Dk Br Br + Gr Br	75yr32 75yr54	10yr52	MSL MSL	1	1	xxx	no	I	1	2	2	DR
						Droughtiness Calculation								
	MDW 116	MDP 110	MBW 42.072	MBP 1.072	Grade 2									
CR9E-18 484498 371505	38 80 120	Dk Br Br + Gr Br Gr + Yl Br	75yr32 75yr54 10yr61	10yr52 10yr54	MSL LMS SCL	1	1	xxx xxx	no no	I	1	3a	3a	DR
						Droughtiness Calculation								
	MDW 116	MDP 110	MBW 11.032	MBP -22.968	Grade 3a									
CR9F-1 484000 371998	40 100	Dk Br Br	75yr32 75yr43		LMS MS	1 2	1 1	x	no	I	1	3b	3b	DR
						Droughtiness Calculation								
	MDW 116	MDP 110	MBW -31.48	MBP -41.968	Grade 3b									
CR9F-2 484090 372008	30 74 120	Dk Br Rd Yl Yl Rd	75yr32 75yr66 5yr56		LMS MS MS			xxx xxx	no no	I	1	3b	3b	DR
						Droughtiness Calculation								
	MDW 116	MDP 110	MBW -37.8	MBP -48.6	Grade 3b									
CR9F-3 484200 371998	40 100	Dk Br Li Yl Br	75yr32 10yr64		LMS MS	1 2	1 1	x	no	I	1	3b	3b	DR
						Droughtiness Calculation								
	MDW 116	MDP 110	MBW -31.48	MBP -41.968	Grade 3b									
CR9F-4 484290 372006	39 44 61 73 120	Dk Br Dk Br Br + Gr Gr Gr	75yr32 75yr32 10yr53 10yr51 10yr51	10yr51	LMS LMS MS SCL MS			o xxx xxx	no no no	I	1	3b	3b	DR
						Droughtiness Calculation								
	MDW 116	MDP 110	MBW -23.14	MBP -32.68	Grade 3b									
CR9F-5 483790 371901	39 47 120	Dk Br Dk Br Yl Rd	75yr32 75yr32 5yr56		LMS LMS MS			o xxx	no no	I	1	3b	3b	DR
						Droughtiness Calculation								
	MDW 116	MDP 110	MBW -29.86	MBP -40.66	Grade 3b									

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR9F-6 483904 371909	39	Dk Br	75yr32		LMS	1	1			I	1	3b	3b	DR
	120	Li Br + Gr	75yr64	10yr51	MS	1	1	o	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	-31.9128	-42.5568	3b
CR9F-7 484009 371900	40	Dk Br	75yr32		LMS	1	1			II	1	3a	3a	DR
	47	Dk Br + Gr	75yr32	10yr51	LMS	1	1	o	no	Droughtiness Calculation				
	56	Li Br Gr	10yr62		SCL			xxx	yes	MDW	MDP	MBW	MBP	Grade
	120	Gr	10yr51		C			xxx	yes	116	110	-4.1848	-21.7848	3a
CR9F-8 484110 371905	40	Dk Br	75yr32		LMS	1	1			I	1	3b	3b	DR
	120	Pi Gr	75yr72		MS	1	1	xxx	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	-31.18	-41.824	3b
CR9F-9 484203 371905	37	Dk Br	75yr32		LMS	1	1			I	1	3b	3b	DR
	120	Li Br	75yr63		MS	1	1	xxx	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	-33.3784	-44.0224	3b
CR9F-10 484305 371906	38	Dk Br	75yr32		LMS					I	1	3b	3b	DR
	65	Dk Gr	75yr41		LMS			xxx	no	Droughtiness Calculation				
	120	Pi Gr	75yr72		MS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	110	-28.76	-38.36	3b
CR9F-11 484415 371898	39	Dk Br	75yr32		LMS					I	1	3b	3b	DR
	41	V Dk Gr Br	10yr32		LMS			o	no	Droughtiness Calculation				
	120	Pi Gr	75yr72		MS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	110	-30.82	-41.62	3b
CR9F-12 484503 371902	39	Dk Br	75yr32		LMS					I	1	3a	3a	DR
	42	Dk Br	75yr32		LMS			o	no	Droughtiness Calculation				
	65	Gr	10yr61		SCL			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Pi Gr	75yr72		MS			xxx	no	116	110	-14.14	-19.84	3a
CR9F-13 483699 371814	40	Dk Br	75yr32		LMS	1	1			I	1	3b	3b	DR
	45	Dk Br	75yr32		LMS	1	1	o	no	Droughtiness Calculation				
	105	Br + Br	75yr43	75yr54	MS			o	no	MDW	MDP	MBW	MBP	Grade
										116	110	-30.112	-40.912	3b
CR9F-14 483807 371795	40	Dk Br	75yr32		MSL	1	1			I	1	3a	3a	DR
	55	Br	75yr43		CS			o	no	Droughtiness Calculation				
	100	Gr	75yr51		CSL	2	1	o	no	MDW	MDP	MBW	MBP	Grade
										116	110	27.095	-13.09	3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR9F-15 483901 371804	39	Dk Br	75yr32		LMS	1	1			I	1	3b	3b	DR
	120	Li Br + Gr	75yr63	10yr51	LMS	1	1	xxx	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -24.6264	MBP -37.6464	Grade 3b
CR9F-16 484000 371800	40	Dk Br	75yr32		MSL	1	1			II	1	2	2	DR
	60	Br	75yr43		SCL			x	no	Droughtiness Calculation				
	100	Gr	75yr61		C			xxx	yes	MDW 116	MDP 110	MBW 18.36	MBP 0.36	Grade 2
CR9F-17 484090 371799	40	Dk Br	75yr32		LMS					I	1	3b	3b	DR
	65	Pi Gr + Yl Rd	75yr72	5yr56	MS			xxx	no	Droughtiness Calculation				
	120	Yl Rd	5yr56		MS			xxx	no	MDW 116	MDP 110	MBW -30.4	MBP -41.2	Grade 3b
CR9F-18 484200 371800	40	Dk Br	75yr32		MSL	1	1			I	1	3a	3a	DR
	100	Br	75yr43		MS			x	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -15.04	MBP -25.84	Grade 3a
CR9F-19 484400 371798	37	Dk Br	75yr32		MSL					I	1	3a	3a	DR
	45	Yl Br	10yr54		MS			xxx	borderline	Droughtiness Calculation				
	60	Gr	75yr51		SC			xxx	no	MDW 116	MDP 110	MBW -10.12	MBP -17.52	Grade 3a
	100	Gr	75yr51		MS			xxx	no					
CR9F-20 484499 371803	30	Dk Br	75yr32		MSL					I	1	3b	3b	DR
	50	Pi Gr	75yr62		MS			xxx	no	Droughtiness Calculation				
	120	St Br	75yr58		MS			xxx	no	MDW 116	MDP 110	MBW -25.8	MBP -36.6	Grade 3b
CR9F-21 483988 371706	39	Dk Br	75yr32		MSL					I	1	2	2	DR
	50	Dk Br	75yr32		MSL			o	no	Droughtiness Calculation				
	120	Pi Gr	75yr72		SCL			xxx	no	MDW 116	MDP 110	MBW 36.8	MBP 2.8	Grade 2
CR9F-22 484105 371706	38	Dk Br	75yr32		LMS					I	1	3b	3b	DR
	52	Pi Gr	75yr62		LMS			xxx	no	Droughtiness Calculation				
	120	Pi Gr	75yr62		MS			xxx	no	MDW 116	MDP 110	MBW -29.8	MBP -40.44	Grade 3b
CR9F-23 484207 371711	35	Dk Br	75yr32		MSL					I	1	3b	3b	DR
	120	Pi Gr	75yr62		MS			xxx	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -20.1	MBP -30.9	Grade 3b

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR9F-24 484305 371695	30	Dk Br	75yr32		LMS					I	1	3b	3b	DR
	51	St Br	75yr58		LMS			xxx	no	Droughtiness Calculation				
	59	Gr	25y51		SC			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Pi Gr	75yr62		MS			xxx	no	116	110	-31.32	-39.32	3b
CR9F-25 484410 371702	30	V Dk Br	75yr252		MSL					I	1	3a	3a	DR
	54	St Br	75yr58		LMS			xxx	no	Droughtiness Calculation				
	65	Li Br	75yr63		LMS			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Gr	5y51		SCL			xxx	yes	116	111	11.6	-27.3	3a
CR9F-26 484511 371697	33	Dk Br	75yr32		LMS					I	1	3b	3b	DR
	51	Li Br	75yr63		MS			xxx	no	Droughtiness Calculation				
	60	Li Gr	10yr71		C			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Pi Gr	75yr62		MS			xxx	no	116	111	-32.88	-40.72	3b
CR9F-27 484196 371294	39	Bk	10yr21		SCL	1	1			I	1	3a	3a	DR
	55	Bk	10yr21		SCL	1	1	o	no	Droughtiness Calculation				
	100	Dk Gr Br	10yr42		MS	1	1	xx	no	MDW	MDP	MBW	MBP	Grade
										116	111	-3.2595	-13.22	3a
CR9G-1 484600 372106	40	V Dk Gr	10yr31		MSZL					I	1	3a	3a	DR
	100	Pl Br	10yr63		MS			o	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	111	-6.4	-18.2	3a
CR9G-2 484682 372111	40	V Dk Gr	10yr31		MSL	1	1			I	1	3a	3a	DR
	100	Dk Gr Br	10yr42		MS	1	1	o	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	111	-15.34	-26.984	3a
CR9G-3 484601 372007	38	Dk Gr Br	10yr42		MSZL					I	1	3a	3a	DR
	50	Gr	10yr51		SC			xxx	no	Droughtiness Calculation				
	100	Gr	10yr51		MS			o	no	MDW	MDP	MBW	MBP	Grade
										116	111	-0.2	-12	3a
CR9G-4 484701 372010	39	V Dk Gr	10yr31		MSL					I	1	3a	3a	DR
	100	Gr	10yr51		MS			o	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	111	-15.54	-27.34	3a
CR9G-5 484602 371907	40	Dk Gr Br	10yr42		MSL					I	1	3a	3a	DR
	60	Gr	10yr51		MS			o	no	Droughtiness Calculation				
	80	Pl Br	10yr63		LMS			x	no	MDW	MDP	MBW	MBP	Grade
	100	Pl Br	10yr63		MS			o	no	116	112	-12.8	-25.6	3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
CR9G-6 484702 371906	38	Dk Gr Br	10yr42		MSL					I	1	3a	3a	DR
	50	Yl Br	10yr56		MS			o	no	Droughtiness Calculation				
	70	Li Br Gr	10yr62		SCL			xx	no	MDW	MDP	MBW	MBP	Grade
	100	Yl Br	10yr56		MS			o	no	116	112	-4.68	-10.68	3a
CR9G-7 484823 371895	40	Dk Gr Br	10yr42		MSL					I	1	3a	3a	DR
	100	Yl Br	10yr56		MS			o	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	112	-14.4	-27.2	3a
CR9G-8 484597 371806	39	Dk Br	75yr32		LMS	1	1			I	1	3b	3b	DR
	120	Br + Br	75yr44	75yr52	LMS			xxx	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	112	-24.248	-39.448	3b
CR9G-9 484704 371804	31	Dk Br	75yr32		MSL	1	1			I	1	3a	3a	DR
	64	Br + Gr	75yr54	10yr51	SCL			xxx	no	Droughtiness Calculation				
	120	Li Br Gr	10yr62		LMS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	112	5.584	-5.976	2
CR9G-10 484800 371804	36	Dk Br	75yr32		LMS	1	1			I	1	3b	3b	DR
	74	Br	75yr44		LMS			o	no	Droughtiness Calculation				
	120	Gr Br	10yr52		MS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	112	-29.632	-41.152	3b
CR9G-11 484602 371710	39	Dk Br	75yr32		MSL	1	1			I	1	2	2	DR
	76	Br + Gr	75yr54	10yr51	SCL			xxx	no	Droughtiness Calculation				
	120	Br	75yr54		LMS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	112	13.296	0.176	2
CR9G-12 484701 371704	39	Dk Br	75yr32		MSL	1	1			I	1	2	2	DR
	59	Br + Gr Br	75yr54	10yr52	MSL			xxx	no	Droughtiness Calculation				
	120	Gr	25y51		SCL	5	8	xxx	no	MDW	MDP	MBW	MBP	Grade
										116	112	34.331	-0.539	2
DHG1A-1 480400 371700	37	Dk Gr	10yr41		HCL	1	1			III	3b	2	3b	WE
	120	Rd Br + Rd Gr	5yr54	5yr52	C			xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										117	112	14.871	-3.129	2
DHG1A-2 480300 371600	30	Dk Br	75yr32		HCL	1	1			III	3b	2	3b	WE
	50	Br	75yr44		C			xx	yes	Droughtiness Calculation				
	120	Br + Br	75yr44	75yr52	C			xxx	yes	MDW	MDP	MBW	MBP	Grade
										117	112	11.49	-6.51	2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
DHG1A-3 480400 371600	35 120	Dk Gr Rd Br + Rd Gr	10yr41 5yr54	5yr52	HZCL C	1 1	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 16.735	MBP -1.05	Grade 2
DHG1A-4 480300 371500	39 120	Dk Gr Rd Br + Rd Gr	10yr41 5yr54	5yr52	HCL C	1	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 15.837	MBP -2.163	Grade 2
DHG1A-5 480400 371500	33 120	Dk Gr St Br + Gr	10yr41 75yr46	75yr51	HZCL C	1	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 16.206	MBP -0.794	Grade 2
DHG1A-6 480300 371400	38 120	Dk Gr Rd Br + Gr	10yr41 5yr54	5yr51	HCL C	1	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 15.354	MBP -1.646	Grade 2
DHG1A-7 480400 371400	39 120	V Dk Gr Gr + Dk Yl Br	10yr31 10yr51	10yr36	HZCL HCL	1 1	1	xxx	yes	III	3b	1	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 43.168	MBP 11.533	Grade 1
DHG1B-1 480700 372300	39 120	V Dk Gr Br Gr Br + Dk Yl Br	10yr32 10yr52	10yr46	HCL C			xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 16.5	MBP -0.5	Grade 2
DHG1B-2 480800 372300	39 120	V Dk Gr Br Yl Br	10yr32 10yr54		SCL SCL	1 1	1 8	o	no	I	1	2	2	DR
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 34.403	MBP 0.773	Grade 2
DHG1B-3 480900 372300	38 120	V Dk Gr Br Yl Br	10yr32 10yr54		SCL SCL	1 2	8 8	o	no	I	1	2	2	DR
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 33.458	MBP 0.198	Grade 2
DHG1B-4 481000 372300	39 120	V Dk Gr Br Yl Br	10yr32 10yr54		SCL SCL	1 2	8 8	x	no	I	1	2	2	DR
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 33.669	MBP 0.409	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
DHG1B-5 481100 372300	39 120	V Dk Gr Br Yl Br	10yr32 10yr54		SCL SCL	1 2	8 8	 x	 no	I	1	2	2	DR
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 33.669	MBP 0.409	Grade 2
DHG1B-6 480700 372200	38 120	V Dk Gr Br Yl Br	10yr32 10yr54		SCL SCL	1 1	8 8	 o	 no	I	1	2	2	DR
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 34.244	MBP 0.614	Grade 2
DHG1B-7 480800 372200	38 120	V Dk Gr Br Yl Br	10yr32 10yr54		SCL SCL	1 1	8 8	 o	 no	I	1	2	2	DR
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 34.244	MBP 0.614	Grade 2
DHG1B-8 480900 372200	39 95 120	V Dk Gr Br Yl Br Yl Br	10yr32 10yr54 10yr54		SCL SCL MSL	 1	 8	 o x	 no no	I	1	2	2	DR
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 37.752	MBP 1.397	Grade 2
DHG1B-9 481000 372200	39	V Dk Gr Br	10yr32		SCL					I	1	2	2	DR
	52	V Dk Gr Br	10yr32		SCL			o	no	Droughtiness Calculation				
	70	Yl Br	10yr54		MSL			x	no	MDW	MDP	MBW	MBP	Grade
	120	Yl Br	10yr54		LMS	1	1	x	no	117	111	11.38	1.8	2
DHG1B-10 481100 372200	39 90 120	V Dk Gr Br Yl Br Yl Br	10yr32 10yr54 10yr54		SCL SCL MSL	1 2 10	1 1 8	 x o	 no no	I	1	2	2	DR,FL
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 34.108	MBP 0.308	Grade 2
DHG1B-11 480700 372100	36 120	V Dk Gr Br Yl Br	10yr32 10yr54		SCL SCL	1 1	8 8	 o	 no	I	1	2	2	DR
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 33.848	MBP 0.218	Grade 2
DHG1B-12 480800 372100	38 85 120	V Dk Gr Br Yl Br Yl Br	10yr32 10yr54 10yr54		SCL SCL MSL	1 1 10	8 8 8	 o x	 no no	I	1	2	2	DR
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 35.129	MBP 1.184	Grade 2
DHG1C-1 480413 371984	35	V Dk Gr Br	10yr32		C	1	1			III	3b	2	3b	WE
	50	V Dk Gr Br + Gr Br	10yr32	10yr52	C	1	1	xxx	yes	Droughtiness Calculation				
	75	Dk Gr Br + Rd Br	10yr42	5yr44	C	1	1	xxx	yes	MDW 117	MDP 111	MBW 9.805	MBP -6.98	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
DHG1C-2 480497 372003	42 120	V Dk Gr Br Rd Br	10yr32 5yr44		HCL C	1	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 17.286	MBP 0.286	Grade 2
DHG1C-3 480598 372003	44 120	V Dk Gr Br Dk Gr Br	10yr32 10yr42		HCL SCL	1	1	xxx	no	I	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 40.452	MBP 6.452	Grade 2
DHG1C-4 480700 372000	39 58 120	V Dk Gr Br Br Yl Rd + Br	10yr32 75yr43 5yr46	75yr53	SCL SCL C	1 1 1	1 1 1	x xxx	no yes	II	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 15.943	MBP -1.634	Grade 2
DHG1C-5 480797 372003	33 49 120	V Dk Gr Br Yl Br Gn Gr + Rd Br	10yr32 10yr54 5gy51	5yr44	SCL LCS C	1	1	o xxx	no yes	II	2	3a	3a	DR
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW -0.888	MBP -17.888	Grade 3a
DHG1C-6 480898 372001	42 68 120	V Dk Gr Br Yl Br Pl Br	10yr32 10yr54 10yr63		HCL SCL LCS	1 5	1 1	xxx o	no no	I	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 11.431	MBP 2.346	Grade 2
DHG1C-7 481000 372003	34 120	V Dk Gr Br Gn Gr	10yr32 5gy51		HCL C	1	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 13.422	MBP -3.578	Grade 2
DHG1C-8 480400 371900	37 53 120	Dk Br Yl Br Gr Br + Dk Yl Br	10yr33 10yr54 10yr52	10yr46	SCL MSZL SC			x xxx	no yes	II	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 24.9	MBP 1.2	Grade 2
DHG1C-9 480500 371900	38 120	Dk Br Br + St Br	10yr33 10yr53	75yr46	MZCL HZCL	1	1	xxx	yes	III	3a	1	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 44.916	MBP 14.916	Grade 1
DHG1C-10 480600 371900	39 120	V Dk Gr Br Gr Br	10yr32 10yr52		MZCL HZCL	1 1	1 1	xxx	yes	III	3a	1	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 44.257	MBP 14.602	Grade 1

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
DHG1C-11 480697 371905	38 120	V Dk Gr Br Yl Br	10yr32 10yr54		HCL SCL	1	1	xxx	no	II	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 38.754	MBP 4.754	Grade 2
DHG1C-12 480800 371900	39 50	Dk Br Yl Br	10yr33 10yr54		SCL SCL			o	no	I	1	2	2	DR,FL
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 35.8	MBP 1.8	Grade 2
DHG1C-13 480902 371905	30 120	V Dk Gr Br Yl Br	10yr32 10yr54		SCL LCS	1	1	o	no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW -20.08	MBP -34.88	Grade 3b
DHG1C-14 480998 371905	31 120	V Dk Gr Br Yl Br	10yr32 10yr54		SCL SCL	1 5	1 1	xxx	no	II	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 29.049	MBP -3.026	Grade 2
DHG1C-15 481100 371900	38 70	V Dk Gr Br Yl Br	10yr32 10yr54		SCL SCL	1 1	1 1	o	no	I	1	2	2	DR
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 34.159	MBP 0.544	Grade 2
DHG1C-16 480400 371800	36 62 120	Dk Br Yl Br + Gr Br Br + St Br	10yr33 10yr54 10yr53	10yr52 10yr46	SCL MSZL SC			x xxx	no yes	II	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 27.6	MBP 4.8	Grade 2
DHG1C-17 480500 371800	35 120	V Dk Gr Br Dk Yl Br	10yr32 10yr46		MZCL SCL	1 1	1 8	xx	no	I	1	2	2	DR
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 40.545	MBP 6.915	Grade 2
DHG1C-18 480600 371800	39 120	V Dk Gr Br Gr Br + Dk Yl Br	10yr32 10yr52	10yr46	HZCL HZCL	1 1	1 1	xxx	yes	III	3b	1	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 44.257	MBP 14.602	Grade 1
DHG1C-19 480700 371800	39 120	Dk Br Yl Br	10yr33 10yr54		MZCL SCL	1	1	xx	no	I	1	2	2	DR
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 42.781	MBP 9.166	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
DHG1C-20 480800 371800	37 120	V Dk Gr Br Dk Yl Br	10yr32 10yr44		SCL MSL	1	1	o	no	I	1	2	2	DR
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 41.808	MBP 0.808	Grade 2
DHG1C-21 481001 371805	34 120	V Dk Gr Br Yl Br	10yr32 10yr54		SCL CSL	1	1	xxx	no	I	1	2	2	DR
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 42.856	MBP 3.856	Grade 2
DHG1C-22 481100 371800	25 50	V Dk Gr Br Yl Br	10yr32 10yr54		SCL SCL	1	8	o	no	I	1	2	2	DR,FL
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 32.625	MBP -1.375	Grade 2
DHG1C-23 480500 371700	37 120	V Dk Gr Br Br + Dk Yl Br	10yr32 10yr53	10yr46	HCL C	2 2	8 8	xxx	yes	III	3b	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 13.19	MBP -3.41	Grade 2
DHG1C-24 480602 371702	36 68	V Dk Gr Br Rd Br	10yr32 5yr44		HCL C	3	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 13.164	MBP -4.836	Grade 2
DHG1C-25 480704 371707	35 68	V Dk Gr Br Gn Gr + Rd Br	10yr32 5gy51	5yr44	HCL C	3	1 1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 12.715	MBP -5.285	Grade 2
DHG1C-26 480801 371704	32 68 120	V Dk Gr Br Yl Br Rd Br	10yr32 10yr54 5yr44		HCL SCL C	3 15	1 1	o xxx	no yes	II	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 14.023	MBP -6.992	Grade 2
DHG1C-27 480901 371706	39 76 120	V Dk Gr Br Yl Br Gn Gr	10yr32 10yr54 5gy51		SCL LCS C	15	1	xxx xxx	no yes	II	2	3b	3b	DR
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW -9.74	MBP -35.22	Grade 3b
DHG1C-28 481000 371700	37 45	V Dk Gr Br Yl Br	10yr32 10yr54		SCL SCL	2	8	o	no	I	1	2	2	DR,FL
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 34.29	MBP -0.71	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
DHG1C-29 481100 371700	39	V Dk Gr Br	10yr32		SCL	2	8			I	1	2	2	DR,FL
	65	Yl Br	10yr54		SCL			o	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 34.63	MBP -0.37	Grade 2
DHG1C-30 480500 371600	36	V Dk Gr Br	10yr32		HCL	2	8			III	3b	2	3a	WE
	120	Br + Gr Br	10yr53	10yr52	C	1	8	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 13.274	MBP -4.526	Grade 2
DHG1C-31 480600 371600	37	V Dk Gr Br	10yr32		SCL	3	8			III	3a	2	3a	WE
	53	Dk Gr Br + Dk Yl Br	10yr42	10yr36	SCL	1	8	xxx	borderline	Droughtiness Calculation				
	72	Br	10yr53		SCL	20	8	xxx	yes	MDW 117	MDP 112	MBW 15.719	MBP -5.893	Grade 2
	120	Br + Gr	75yr53	75yr51	C			xxx	yes					
DHG1C-32 480700 371606	33	V Dk Gr Br	10yr32		HCL	5	1			I	2	3b	3b	DR
	72	Yl Br	10yr54		LCS	2	1	o	no	Droughtiness Calculation				
	120	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW -5.749	MBP -32.1394	Grade 3b
DHG1C-33 480800 371600	39	V Dk Gr Br	10yr32		SCL	1	8			I	1	2	2	DR,FL
	65	Yl Br	10yr54		SCL			o	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 35.215	MBP 0.215	Grade 2
DHG1C-34 480900 371600	39	V Dk Gr Br	10yr32		SCL	1	8			I	1	2	2	DR,FL
	60	Yl Br	10yr54		SCL			o	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 35.215	MBP 0.215	Grade 2
DHG1C-35 481000 371600	39	V Dk Gr Br	10yr32		SCL	2	8			I	1	2	2	DR,FL
	60	Yl Br	10yr54		SCL			o	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 34.63	MBP -0.37	Grade 2
DHG1C-36 480500 371500	33	V Dk Gr Br	10yr32		HCL	1	1			III	3b	2	3b	WE
	120	Br + Gr	10yr53	10yr51	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 12.939	MBP -5.061	Grade 2
DHG1C-37 480600 371500	39	V Dk Gr Br	10yr32		SCL	1	8			II	2	2	2	DR,WE
	57	Yl Br	10yr54		MSL	1	8	x	no	Droughtiness Calculation				
	120	Br + Gr	75yr44	75yr51	C	1	1	xxx	yes	MDW 117	MDP 112	MBW 16.3925	MBP -2.775	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
DHG1C-38 480700 371500	39	V Dk Gr Br	10yr32		SCL	1	8			I	1	2	2	DR
	83	Br	75yr54		MSL	1	8	o	no	Droughtiness Calculation				
	120	St Br	75yr56		LMS			o	no	MDW 117	MDP 112	MBW 18.802	MBP -0.188	Grade 2
DHG2A-1 480000 372400	32	Dk Rd Br	5yr32		HZCL	1	1			III	3b	2	3b	WE
	80	Gr Br + Rd Br	10yr52	5yr44	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 15.624	MBP -2.376	Grade 2
DHG2A-2 479701 372291	25	Dk Rd Br	5yr32		HZCL	1	1			III	3b	2	3b	WE
	80	Gr + Rd Br	25y51	5yr44	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.55	MBP -6.45	Grade 2
DHG2A-3 479801 372302	25	V Dk Gr	5yr31		HZCL	1	1			III	3b	2	3b	WE
	80	Gr Br + Rd Br	25y52	5yr44	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.55	MBP -6.45	Grade 2
DHG2A-4 479906 372289	31	Dk Rd Br	5yr32		HZCL	1	1			III	3b	2	3b	WE
	80	Gr Br + Rd Br	10yr52	5yr44	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 15.042	MBP -2.958	Grade 2
DHG2A-5 479996 372298	29	Dk Br	75yr32		HZCL	1	1			III	3b	2	3b	WE
	80	Gr Br + Rd Br	10yr52	5yr44	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 13.878	MBP -4.122	Grade 2
DHG2A-6 479599 372205	32	Dk Rd Br	5yr32		HZCL	1	1			III	3b	2	3b	WE
	80	Rd Br + Gr Br	5yr44	25y52	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 15.624	MBP -2.376	Grade 2
DHG2A-7 479696 372195	29	Dk Rd Br	5yr32		HCL	1	1			III	3b	2	3b	WE
	80	Gr Br + Rd Br	25y52	5yr44	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.007	MBP -6.993	Grade 2
DHG2A-8 479798 372206	31	Dk Rd Br	5yr32		HCL	1	1			III	3b	2	3b	WE
	80	Gr Br + Rd Br	10yr52	5yr44	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.973	MBP -6.027	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
DHG2A-9 479904 372191	32	Dk Rd Br	5yr32		HZCL	1	1			III	3b	2	3b	WE
	75	Gr Br + Rd Br	10yr52	5yr44	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 15.624	MBP -2.376	Grade 2
DHG2B-1 478803 372502	27	Br	75yr42		C					III	3b	3a	3b	WE
	60	Br	75yr53		C			xxx	yes	Droughtiness Calculation				
	100	Yl Br	10yr54		SCL-SC	5	1	xxx	yes	MDW 117	MDP 112	MBW 11.55	MBP -10.8	Grade 3a
DHG2B-2 478498 372396	30	Br	75yr42		HZCL-C					III	3b	2	3b	WE
	65	Gr	75yr51		C			xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 15	MBP -3	Grade 2
DHG2B-3 478594 372403	30	Br	75yr42		C					III	3b	2	3b	WE
	40	Br	75yr53		SC			xxx	no	Droughtiness Calculation				
	100	Yl Br	10yr54		SCL			xxx	no	MDW 117	MDP 112	MBW 32	MBP -3	Grade 2
DHG2B-4 478700 372395	30	Br	75yr42		C					III	3b	2	3b	WE
	50	Br	75yr53		SC			xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 9	MBP -9	Grade 2
DHG2B-5 478800 372394	30	Br	75yr42		C					III	3b	2	3b	WE
	55	Br	75yr53		C			xxx	yes	Droughtiness Calculation				
	100	Yl Br	10yr54		SC			xxx	yes	MDW 117	MDP 112	MBW 15.5	MBP -9	Grade 2
DHG2B-6 478501 372296	31	Br	75yr42		C					III	3b	2	3b	WE
	55	Br	75yr53		C	1	1	xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 9.1395	MBP -8.888	Grade 2
DHG2B-7 478605 372300	31	Br	75yr42		C					III	3b	2	3b	WE
	55	Gr	75yr51		C			xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 9.4	MBP -8.6	Grade 2
DHG2B-8 478706 372301	32	Br	75yr42		C					III	3b	2	3b	WE
	65	Br	75yr53		C			xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		C	5	2	xxx	yes	MDW 117	MDP 112	MBW 8.425	MBP -8.45	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
DHG2B-9 478798 372299	35	Br	75yr42		C					III	3b	2	3b	WE
	60	Br	75yr53		C			xxx	yes	Droughtiness Calculation				
	100	Br	10yr53		SCL			xxx	no	MDW 117	MDP 112	MBW 29	MBP -5	Grade 2
DHG2B-10 478504 372205	35	Br	75yr42		C					III	3b	2	3b	WE
	108	Rd Br	5yr44		C	2	2	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 10	MBP -7.7	Grade 2
DHG2B-11 478601 372199	33	Br	75yr42		C					III	3b	2	3b	WE
	60	Gr	75yr51		SC	5	2	xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		C	5	2	xxx	yes	MDW 117	MDP 112	MBW 8.55	MBP -9.65	Grade 2
DHG2B-12 478698 372201	35	Br	75yr42		C					III	3b	2	3b	WE
	100	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11	MBP -7	Grade 2
DHG2B-13 478600 372102	30	Br	75yr42		C					III	3b	2	3b	WE
	45	Br	75yr43		C			xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		SCL-SC			xxx	yes	MDW 117	MDP 112	MBW 16	MBP -9	Grade 2
DHG2B-14 478697 372114	29	Br	75yr42		C					III	3b	2	3b	WE
	50	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 8.6	MBP -9.4	Grade 2
DHG2C-1 479305 372580	32	Dk Gr	10yr41		C	1	1			III	3b	2	3b	WE
	75	Gr + Li Br	75yr51	75yr63	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 9.288	MBP -8.712	Grade 2
DHG2C-2 479402 372602	30	Br	75yr43		HZCL					III	3b	2	3b	WE
	70	Br	75yr53		C			xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		SC			xxx	yes	MDW 117	MDP 112	MBW 20	MBP -3	Grade 2
DHG2C-3 479497 372599	33	V Dk Gr Br	10yr32		C	1	1			III	3b	2	3b	WE
	50	Br + Gr Br	75yr42	25y52	C			xxx	yes	Droughtiness Calculation				
	100	Rd Br	25yr44		C	5	3	xxx	yes	MDW 117	MDP 112	MBW 7.922	MBP -9.228	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
DHG2C-4 479597 372601	32	Dk Rd Br	5yr32		HCL	1	1			III	3b	2	3b	WE
	100	Br	10yr43		HCL			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 38.856	MBP 5.856	Grade 2
DHG2C-5 479700 372602	34	Dk Br	75yr33		HCL	1	1			III	3b	2	3b	WE
	60	Br	75yr43		HCL			xxx	yes	Droughtiness Calculation				
	80	Yl Br	10yr54		SCL			xxx	no	MDW 117	MDP 112	MBW 43.222	MBP 5.222	Grade 2
	100	Li Ol Br	25y53		MSL			xxx	no					
DHG2C-6 479794 372604	32	Dk Rd Br	5yr32		HCL	1	1			III	3b	2	3b	WE
	65	Br	10yr53		HCL			xxx	yes	Droughtiness Calculation				
	85	St Br	75yr46		SCL			xxx	no	MDW 117	MDP 112	MBW 42.356	MBP 5.356	Grade 2
	100	Rd Br	5yr54		MSL			xxx	no					
DHG2C-7 479898 372604	36	Dk Rd Br	5yr32		HCL	1	1			III	3b	2	3b	WE
	55	Br	75yr42		HCL			xxx	yes	Droughtiness Calculation				
	75	Yl Br	10yr56		SCL			xxx	no	MDW 117	MDP 112	MBW 44.088	MBP 5.088	Grade 2
	100	Rd Br	5yr44		MSL			xxx	no					
DHG2C-8 479995 372603	25	V Dk Gr	5yr31		C	1	1			III	3b	2	3b	WE
	55	Br + Rd Yl	10yr43	75yr66	C			xxx	yes	Droughtiness Calculation				
	80	Br Yl + Yl Rd	10yr66	5yr56	SCL			xxx	yes	MDW 117	MDP 112	MBW 26.1	MBP -8.4	Grade 2
DHG2C-9 478904 372502	30	Br	75yr43		HZCL-C					III	3b	2	3b	WE
	100	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 15	MBP -3	Grade 2
DHG2C-10 479002 372500	38	Br	75yr43		MZCL					III	3a	2	3a	WE
	100	Br	75yr53		SCL-SC	5	6	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 25.45	MBP 1	Grade 2
DHG2C-11 479101 372497	32	Br	75yr43		MZCL					III	3a	2	3a	WE
	108	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 16.2	MBP -1.8	Grade 2
DHG2C-12 479203 372501	33	Br	75yr43		ZC					III	3b	2	3b	WE
	53	Br	75yr53		C			xxx	yes	Droughtiness Calculation				
	100	Gr	5yr51		SCL-SC			xxx	yes	MDW 117	MDP 112	MBW 16.9	MBP -7.8	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
DHG2C-13 479303 372504	26	Br	75yr43		HZCL					III	3b	2	3b	WE
	60	Br	75yr53		SC			xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		SC	5	2	xxx	yes	MDW 117	MDP 112	MBW 17.8	MBP -5.9	Grade 2
DHG2C-14 479402 372492	34	Dk Br	10yr33		HCL	1	1			III	3b	2	3b	WE
	62	Br + Gr	75yr53	75yr51	C	3	1	xxx	yes	Droughtiness Calculation				
	90	Rd	25yr56		C	3	1	xxx	yes	MDW 117	MDP 112	MBW 11.481	MBP -5.874	Grade 2
DHG2C-15 479502 372502	36	Dk Br	75yr32		HCL	1	1			III	3b	2	3b	WE
	80	Br	75yr42		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 14.388	MBP -3.612	Grade 2
DHG2C-16 479602 372506	33	Dk Br	75yr32		C	1	1			III	3b	2	3b	WE
	45	Gr Br	10yr52		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 9.672	MBP -8.328	Grade 2
DHG2C-17 479707 372502	32	V Dk Gr Br	10yr32		HZCL	1	1			III	3b	2	3b	WE
	52	Dk Yl Br	10yr44		HCL			xxx	yes	Droughtiness Calculation				
	85	Rd	25yr46		SCL			xxx	no	MDW 117	MDP 112	MBW 42.024	MBP 7.224	Grade 2
DHG2C-18 479804 372496	32	Dk Br	75yr32		HCL	1	1			III	3b	2	3b	WE
	78	Li Ol Br	25y53		SCL			xxx	no	Droughtiness Calculation				
	100	Rd Br	5yr44		SCL			xxx	no	MDW 117	MDP 112	MBW 37.056	MBP 2.056	Grade 2
DHG2C-19 479895 372501	33	Dk Rd Br	5yr32		C	1	1			III	3b	2	3b	WE
	45	Br	75yr42		C			xxx	yes	Droughtiness Calculation				
	70	Gr	5y51		HCL			xxx	yes	MDW 117	MDP 112	MBW 32.172	MBP -0.828	Grade 2
DHG2C-20 480002 372498	28	V Dk Gr	5yr31		C	1	1			III	3b	3a	3b	WE
	90	Dk Gr Br + Rd	10yr42	25yr46	C	5	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 5.012	MBP -12.138	Grade 3a
DHG2C-21 478901 372391	32	Dk Br	75yr32		HZCL	1	1			III	3b	2	3b	WE
	75	Rd Br	25yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 15.624	MBP -2.376	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
DHG2C-22 478984 372407	36	Dk Gr Br	10yr42		MCL	1	1			III	3a	2	3a	WE
	75	Rd Br + Rd Gr	5yr44	5yr52	C	5	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.273	MBP -5.652	Grade 2
DHG2C-23 479106 372390	31	Dk Gr Br	10yr42		MCL	1	1			II	2	2	2	DR,WE
	75	Pi Gr + Br	75yr62	75yr52	SCL	1	1	xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 35.842	MBP 1.227	Grade 2
DHG2C-24 479202 372398	39	Dk Br	10yr33		HCL	1	1			III	3b	2	3b	WE
	75	Br + Gr	75yr44	75yr51	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 15.837	MBP -2.163	Grade 2
DHG2C-25 479297 372403	40	Dk Br	10yr33		MCL	1	1			II	2	2	2	DR,WE
	90	Li Br + Gr	75yr63	75yr51	SCL	3	1	xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 36.905	MBP 3.06	Grade 2
DHG2C-26 479394 372402	36	Dk Gr Br	10yr42		HCL	1	1			III	3b	2	3b	WE
	55	Li Br + Gr	75yr63	75yr51	SCL			xxx	no	Droughtiness Calculation				
	90	Gr	75yr61		C	3	1	xxx	yes	MDW 117	MDP 112	MBW 17.4205	MBP -0.352	Grade 2
DHG2C-27 479502 372396	33	Dk Rd Br	5yr32		HCL	1	1			III	3b	2	3b	WE
	56	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
	90	Br	10yr53		SCL			xxx	yes	MDW 117	MDP 112	MBW 23.139	MBP -2.261	Grade 2
	100	Br	10yr53		C			xxx	no					
DHG2C-28 479597 372402	34	Dk Rd Br	5yr32		HCL	1	1			III	3b	2	3b	WE
	45	Dk Yl Br	10yr44		HCL			xxx	no	Droughtiness Calculation				
	85	Li Ol Br	25y54		SCL			xxx	no	MDW 117	MDP 112	MBW 17.722	MBP 3.722	Grade 2
	100	Li Ol Br	25y53		MS			xxx	no					
DHG2C-29 479685 372403	25	Dk Rd Br	5yr32		C	1	1			III	3b	2	3b	WE
	50	Rd Gr	5yr52		C			xxx	yes	Droughtiness Calculation				
	80	Yl Br	10yr54		HCL			xxx	yes	MDW 117	MDP 112	MBW 27.6	MBP -5.4	Grade 2
DHG2C-30 479806 372403	32	V Dk Gr	5yr31		C	1	1			III	3b	3a	3b	WE
	90	Dk Gr Br + Rd	10yr42	25yr46	C	5	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 6.728	MBP -10.422	Grade 3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
DHG2C-31 479898 372412	30	V Dk Gr	5yr31		C	1	1			III	3b	3a	3b	WE
	90	Dk Gr + Rd	10yr41	25yr46	C	5	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 5.87	MBP -11.28	Grade 3a
DHG2C-32 479591 372325	33	Dk Rd Br	5yr32		C	1	1			III	3b	2	3b	WE
	42	Br	10yr43		C			xxx	yes	Droughtiness Calculation				
	55	Ol Br	25y44		C			xxx	yes	MDW 117	MDP 112	MBW 10.972	MBP -5.328	Grade 2
DHG2C-33 478914 372303	85	Rd Br	25yr44		SCL			xxx	no					
	100	Rd Br	25yr44		LMS									
										III	3b	2	3b	WE
DHG2C-34 479007 372296	34	Dk Br	75yr32		MCL	1	1			Droughtiness Calculation				
	67	Br + Gr	75yr52	10yr51	SCL			xxx	no	MDW 117	MDP 112	MBW 19.072	MBP 1.752	Grade 2
	90	Rd Br	5yr44		C	10	3	xxx	yes					
DHG2C-35 479106 372303	39	Dk Br	75yr32		SCL	1	1			III	3a	3a	3a	DR,WE
	75	Gr + Gr Br	75yr51	10yr52	ZC	30	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW -2.264	MBP -16.564	Grade 3a
DHG2C-36 479206 372295	27	V Dk Gr	75yr31		HZCL	1	1			III	3b	2	3b	WE
	75	Rd Br + Gr	5yr44	75yr51	ZC			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 10.414	MBP -9.586	Grade 2
DHG2C-37 479308 372294	30	Dk Br	75yr32		HZCL	1	1			II	3a	2	3a	WE
	75	Br + Gr Br	75yr53	10yr52	SCL			xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 39.46	MBP 4.46	Grade 2
DHG2C-38 479409 372303	39	Dk Br	75yr32		MZCL	1	1			II	2	2	2	DR,WE
	75	Gr + Gr Br	75yr51	10yr52	SCL			xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 42.898	MBP 7.898	Grade 2
DHG2C-39 479496 372306	40	V Dk Gr	75yr31		HZCL	1	1			III	3b	2	3b	WE
	75	Gr	75yr51		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 20.28	MBP 2.28	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
DHG2C-40 479004 372187	37	Dk Br	75yr32		ZC					III	3b	2	3b	WE
	90	Rd Br + Gr	5yr43	5yr51	C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.189	MBP -6.596	Grade 2
DHG2C-41 479102 372187	37	Dk Br	75yr32		SCL					II	2	2	2	DR,WE
	57	Br + Gr	75yr53	75yr51	SCL	1	1	xxx	no	Droughtiness Calculation				
	90	Br	75yr52		SCL	5	1	xxx	no	MDW 117	MDP 112	MBW 32.159	MBP -0.79	Grade 2
DHG2C-42 479213 372204	39	Dk Br	75yr32		SCL					II	2	2	2	DR,WE
	48	Gr + Br	75yr51	75yr52	SCL	1	1	xxx	no	Droughtiness Calculation				
	90	Br	75yr52		SCL	20	3	xxx	no	MDW 117	MDP 112	MBW 24.034	MBP -4.166	Grade 2
DHG2C-43 479298 372201	26	Dk Br	75yr32		HZCL					III	3b	2	3b	WE
	48	Gr + Rd Br	75yr51	5yr43	C			xxx	yes	Droughtiness Calculation				
	90	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 111	MBW 12.6	MBP -4.4	Grade 2
DHG2C-44 479398 372200	36	V Dk Gr	75yr31		HZCL	1	1			III	3b	2	3b	WE
	53	Gr	75yr51		C			xxx	yes	Droughtiness Calculation				
	90	Br + Gr	75yr52	10yr51	C			xxx	yes	MDW 117	MDP 111	MBW 17.952	MBP 0.952	Grade 2
DHG2C-45 479493 372200	35	V Dk Gr	75yr31		HZCL	1	1			III	3b	2	3b	WE
	75	Gr	75yr51		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 17.37	MBP 0.37	Grade 2
DHG2C-46 478998 372103	31	Br	75yr43		HZCL-C					III	3b	2	3b	WE
	100	Br	75yr53		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 15.6	MBP -1.4	Grade 2
DHG2C-47 479100 372106	35	Br	75yr43		MZCL					III	3a	2	3a	WE
	100	Rd Br	5yr44		SC			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 25	MBP 1	Grade 2
DHG2C-48 479196 372102	33	Br	75yr43		MZCL					III	3a	2	3a	WE
	65	Br	75yr53		SCL			xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		SCL-SC			xxx	yes	MDW 117	MDP 111	MBW 30.2	MBP 6.2	Grade 2

Name	Depth (cm)	Colour	Munsell 1 Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
DHG2C-49 479297 372107	40	Br	75yr43	MZCL					III	3a	2	3a	WE
	65	Br	75yr53	HZCL			xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44	C			xxx	yes	MDW 117	MDP 111	MBW 29.5	MBP 14	Grade 2
DHG2C-50 478999 371997	27	Br	75yr43	HZCL					III	3b	2	3b	WE
	100	Br	75yr53	C			xxx	yes	Droughtiness Calculation				
									MDW 117	MDP 111	MBW 13.2	MBP -3.8	Grade 2
DHG2C-51 479100 372005	32	Br	75yr43	HZCL					III	3b	2	3b	WE
	60	Rd Br	5yr44	C			xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44	SC			xxx	yes	MDW 117	MDP 111	MBW 22.2	MBP -0.8	Grade 2
DHG2C-52 479198 371999	36	Br	75yr43	MZCL					III	3a	2	3a	WE
	70	Br	75yr53	SCL-SC			xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44	C	5	6	xxx	yes	MDW 117	MDP 111	MBW 20.1	MBP 1.6	Grade 2
DHG2C-53 479301 372006	33	Br	75yr43	MZCL					III	3a	2	3a	WE
	100	Rd Br	5yr44	C			xxx	yes	Droughtiness Calculation				
									MDW 117	MDP 111	MBW 16.8	MBP -0.2	Grade 2
DHG2C-54 479012 371902	30	Br	75yr43	HZCL					III	3b	2	3b	WE
	100	Br	75yr53	SC			xxx	yes	Droughtiness Calculation				
									MDW 117	MDP 111	MBW 22	MBP -2	Grade 2
DHG2C-55 479097 371906	28	Br	75yr43	HZCL-C					III	3b	2	3b	WE
	100	Rd Br	5yr44	C			xxx	yes	Droughtiness Calculation				
									MDW 117	MDP 111	MBW 13.8	MBP -3.2	Grade 2
DHG2C-56 479197 371903	40	Br	75yr43	MZCL					III	3a	2	3a	WE
	70	Br	75yr53	SCL-SC			xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44	SC			xxx	yes	MDW 117	MDP 111	MBW 28	MBP 4	Grade 2
DHG2C-57 479300 371907	30	Br	75yr43	HZCL					III	3b	2	3b	WE
	100	Rd Br	5yr44	C			xxx	yes	Droughtiness Calculation				
									MDW 117	MDP 111	MBW 15	MBP -2	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
DHG3A-1 479676 370987	35 120	V Dk Gr Br Br + Gr	10yr32 75yr53	75yr51	HZCL C	2	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 16.74	MBP -0.26	Grade 2
DHG3A-2 479500 370903	33 45 120	Dk Rd Br Rd Gr + Rd Br Rd Br	5yr32 25yr51 5yr44	5yr44	C C C	2	1	xxx xxx	yes yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 9.144	MBP -7.856	Grade 2
DHG3A-3 479598 370904	35 65 120	Dk Br Wk Rd + Rd Br Rd Br	75yr32 25yr42 5yr44	5yr44	HZCL C C	2	1	xxx xxx	yes yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 16.74	MBP -0.26	Grade 2
DHG3A-4 479688 370904	27 75	V Dk Gr Br Rd Br + Gr	10yr32 25yr44	10yr51	HZCL C	2	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 12.228	MBP -4.772	Grade 2
DHG3A-5 479505 370804	31 100	Dk Rd Br Rd Br + Gr	5yr32 5yr54	10yr61	C C	1	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 8.904	MBP -8.096	Grade 2
DHG3A-6 479608 370802	29 75	V Dk Gr Rd Br + Gr	5yr31 5yr43	10yr61	C C	2	1	xxx	yes	III	3b	3a	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 7.672	MBP -9.328	Grade 2
DHG3A-7 479498 370700	34 100	Dk Rd Br Rd Gr + Rd Br	5yr33 25yr51	5yr44	HZCL C	2	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 16.176	MBP -0.824	Grade 2
DHG3A-8 479608 370698	29 75	V Dk Gr Rd Br	5yr31 5yr44		HZCL C	2	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 13.356	MBP -3.644	Grade 2
DHG3A-9 479696 370702	34 75	V Dk Gr Rd Br	5yr31 5yr44		HCL C	2	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 12.844	MBP -4.156	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
DHG3A-10 479500 370599	31 100	Dk Br Dk Rd Gr	75yr32 5yr42		HZCL C	1	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 15.042	MBP -1.958	Grade 2
DHG3A-11 479603 370601	33 75	V Dk Gr Rd Br	5yr31 5yr44		HCL C	2	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 12.378	MBP -4.622	Grade 2
DHG3A-12 479707 370598	32 75	V Dk Gr Rd Br + Rd Gr	5yr31 5yr44	25yr51	C C	2	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 8.776	MBP -8.224	Grade 2
DHG3A-13 479799 370604	35 75	V Dk Gr Rd Br	5yr31 5yr44		C C	2	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 9.88	MBP -7.12	Grade 2
DHG3A-14 479601 370508	35 100	Dk Rd Br Rd Br + Li Br Gr	5yr32 5yr44	10yr62	MZCL C	2	1	xxx	yes	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 16.74	MBP -0.26	Grade 2
DHG3A-15 479697 370509	32 100	Dk Rd Br Rd Br + Pl Rd	5yr32 5yr44	25yr62	C C	2	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 8.776	MBP -8.224	Grade 2
DHG3A-16 479798 370508	32 75	Dk Rd Br Rd Br	5yr32 5yr44		HZCL C	4	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 13.896	MBP -3.104	Grade 2
EH2A-1 483000 370798	39 58 100	Br Rd Br Rd	75yr43 5yr43 25yr56		SCL CSL MS	2 2 1	1 2 2	x x	no no	I	1	3a	3a	DR
										Droughtiness Calculation				
										MDW 116	MDP 111	MBW -0.3268	MBP -9.3604	Grade 3a
EH2A-2 483194 370798	34 58 100	Br Rd Br Rd Yl	75yr43 5yr43 75yr66		MSL CSL MS	2 1 1	1 2 2	x x	no no	I	1	3a	3a	DR
										Droughtiness Calculation				
										MDW 116	MDP 111	MBW -0.5168	MBP -9.5184	Grade 3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
EH2B-1 483501 371202	38	Dk Gr Br	10yr42		MSL					I	1	3a	3a	DR
	65	Br	75yr44		LMS			xx(x)	no	Droughtiness Calculation				
	80	Rd Br	5yr44		SCL	20	3	xx	no	MDW	MDP	MBW	MBP	Grade
	100	Rd Br + Li Gr Gn	5yr44	5gy62	C	5	6	o	no	116	111	4.64	-20.56	3a
EH2B-2 483600 371200	37	Dk Br	75yr33		LMS					I	1	3b	3b	DR
	64	Rd Br	5yr44		LMS			o	no	Droughtiness Calculation				
	120	Rd Yl + Gr	75yr66	75yr61	MS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	111	-29.42	-40.1	3b
EH2C-1 482901 370802	37	Dk Br	75yr32		SCL	1	1			II	2	2	2	DR,WE
	79	Br	75yr52		SCL			xxx	no	Droughtiness Calculation				
	120	Br	75yr52		MSL			o	no	MDW	MDP	MBW	MBP	Grade
										116	111	39.908	0.808	2
EH2C-2 482902 370708	40	Dk Br	75yr32		SCL	1	1			I	1	2	2	DR
	52	Br	75yr42		HCL			xxx	no	Droughtiness Calculation				
	70	Gr Br	10yr52		MSL			o	no	MDW	MDP	MBW	MBP	Grade
	120	Gr Br	10yr52		MS			o	no	116	111	9.16	2.56	2
EH2C-3 483003 370705	49	Dk Br	75yr32		MSL	1	1			I	1	2	2	DR
	76	Br	75yr52		MSL			xxx	no	Droughtiness Calculation				
	120	Br	75yr52		LMS			o	no	MDW	MDP	MBW	MBP	Grade
										116	111	17.736	3.016	2
EH2D-1 483203 371100	39	Dk Gr Br	10yr42		SCL					III	3a	2	3a	WE
	80	Li Yl Br	10yr64		SC			xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	111	20.6	-4.4	2
EH2D-2 483304 371103	39	Dk Gr Br	10yr42		SCL					I	1	3a	3a	DR
	50	Li Yl Br	10yr64		C			xxx	no	Droughtiness Calculation				
	100	Pl Br	10yr63		MS			xx	no	MDW	MDP	MBW	MBP	Grade
										116	111	-7.4	-19.2	3a
EH2D-3 483200 371000	38	Dk Rd Br	5yr34		SCL					I	1	3a	3a	DR
	51	Br + Li Br Gr	75yr44	10yr62	MS	5	1	o	no	Droughtiness Calculation				
	66	Rd Br	5yr43		MSL			o	no	MDW	MDP	MBW	MBP	Grade
	120	Yl Rd	5yr46		MS			o	no	116	111	-6.486	-14.692	3a
EH2E-1 483301 370904	29	Wk Rd	10r42		HCL	2	1			III	3b	2	3b	WE
	54	Wk Rd	10r52		HCL	1	1	xxx	yes	Droughtiness Calculation				
	100	Wk Rd	10r43		SCL			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	111	38.461	3.839	2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
EH2E-2 483398 370904	40	Br	75yr42		CSL	2	1			I	1	2	2	DR
	68	Rd Br	25yr43		CSL	1	1	o	no	Droughtiness Calculation				
	85	Br	75yr53		LCS			xx	no	MDW	MDP	MBW	MBP	Grade
	100	Gn Gr	10gy61		C			xxx	yes	116	111	18.841	1.38	2
EH2E-3 483500 370904	40	Du Rd	25yr32		LCS	2	1			I	1	3b	3b	DR
	82	Rd Br	5yr53		LCS		1	o	no	Droughtiness Calculation				
	120	Br	75yr53		LCS			o	no	MDW	MDP	MBW	MBP	Grade
										116	111	-32.8	-48.6	3b
EH2E-4 483583 370908	40	Wk Rd	25yr42		LCS	1	1			I	1	3b	3b	DR
	46	Wk Rd	25yr42		LCS			o	no	Droughtiness Calculation				
	120	Br	75yr53		CS			o	no	MDW	MDP	MBW	MBP	Grade
										116	111	-44.56	-53.96	3b
EH2E-5 483300 370803	38	Dk Rd Gr	5yr42		CSL	1	1			I	1	3b	3b	DR
	64	Rd Br	5yr53		LCS	1	1	xxx	no	Droughtiness Calculation				
	120	Li Rd Br	5yr63		CS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	111	-19.8168	-28.1136	3a
EH2E-6 483400 370800	28	Br	75yr43		MSL	2	1			I	1	2	2	DR
	50	Rd Br	25yr44		HCL	3	1	o	no	Droughtiness Calculation				
	84	Rd Br + Gn Gr	25yr44	10y51	HCL	2	2	xxx	no	MDW	MDP	MBW	MBP	Grade
	100	Gn Gr	10y51		HCL	1	2	xxx	no	116	111	34.082	1.394	2
EH2E-7 483500 370804	40	Rd Br	25yr53		CSL	2	1			II	1	2	2	DR
	54	Rd Br	25yr43		CSL	1	1	o	no	Droughtiness Calculation				
	68	Wk Rd	25yr42		SCL			xxx	no	MDW	MDP	MBW	MBP	Grade
	100	Gn Gr	10gy61		C			xxx	yes	116	111	21.328	1.51	2
EH2E-8 483600 370800	42	Br	75yr43		LMS	2	1			I	1	3b	3b	DR
	72	Li Br Gr	10yr62		LMS	1	2	xx	no	Droughtiness Calculation				
	100	Li Br	75yr64		MS	1	2	x	no	MDW	MDP	MBW	MBP	Grade
										116	111	-27.112	-37.3824	3b
EH2E-9 483324 370727	39	Br	75yr42		CSL	1	1			I	1	2	2	DR
	120	Li Br	75yr63		CSL	1	1	xxx	no	Droughtiness Calculation				
	120	Br	75yr53		LMS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	111	43.376	3.811	2
EH2F-1 483395 371098	39	Rd Br	5yr43		SCL					III	3a	2	3a	WE
	100	Dk Rd Br	5yr33		C			xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	111	13.6	-4.4	2

Name	Depth (cm)	Colour	Munsell 1 Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
EH2F-2 483497 371094	35	Dk Gr Br	10yr42	MSL					I	1	3a	3a	DR
	50	Br	10yr43	MSL			o	no	Droughtiness Calculation				
	100	Yl Br	10yr54	LMS			xx(x)	no	MDW 116	MDP 111	MBW -0.4	MBP -14.6	Grade 3a
EH2F-3 483603 371096	30	Dk Gr Br	10yr42	MSL					I	1	3a	3a	DR
	50	Br	10yr43	MSL			o	no	Droughtiness Calculation				
	70	Br Yl	10yr68	LMS	2	1	xx	no	MDW 116	MDP 111	MBW -5.576	MBP -15.856	Grade 3a
	100	Li Br Gr	10yr62	MS			o	no					
EH2F-4 483301 371001	38	Dk Gr Br	10yr42	MSL					I	1	2	2	DR
	100	Yl Br	10yr54	MSL			o	no	Droughtiness Calculation				
									MDW 116	MDP 111	MBW 43.6	MBP 1.6	Grade 2
EH2F-5 483400 370998	39	Dk Br	75yr33	MSL					I	1	3a	3a	DR
	85	Rd Br	5yr44	LMS			o	no	Droughtiness Calculation				
	120	St Br	75yr46	MS			o	no	MDW 116	MDP 111	MBW -10.98	MBP -22.38	Grade 3a
EH2F-6 483496 370995	39	Dk Gr Br	10yr42	MSL					I	1	3a	3a	DR
	90	Yl Br	10yr54	MS			o	no	Droughtiness Calculation				
	100	Yl Br	10yr54	LMS			o	no	MDW 116	MDP 111	MBW -13.14	MBP -27.34	Grade 3a
EH2F-7 483600 370998	35	Dk Br	75yr32	LMS					I	1	3b	3b	DR
	55	Rd Br	5yr44	MS			o	no	Droughtiness Calculation				
	120	Gr	75yr61	MS			o	no	MDW 116	MDP 111	MBW -34.1	MBP -45.9	Grade 3b
EH2G-1 482904 371104	35	Dk Rd Gr	5yr42	HCL	1	1			I	2	2	2	DR,WE
	60	Br	75yr52	HCL	1	1	xxx	no	Droughtiness Calculation				
	120	Li Rd Br	5yr63	MSL			xxx	no	MDW 116	MDP 111	MBW 46.085	MBP 6.03	Grade 2
EH2G-2 483002 371103	33	Rd Gr	5yr52	MCL	1	1			I	1	2	2	DR
	57	Rd Br	5yr53	SCL	1	1	xxx	no	Droughtiness Calculation				
	70	Rd Br	5yr53	SCL			xxx	no	MDW 116	MDP 111	MBW 43.0345	MBP 3.003	Grade 2
	120	Rd Gr	5yr52	MSL			xxx	no					
EH2G-3 483103 371102	38	Br	75yr42	SCL	1	1			I	1	2	2	DR
	62	Gr	75yr61	SCL	1	1	xxx	no	Droughtiness Calculation				
	66	Pi Gr	75yr62	MSL			xxx	no	MDW 116	MDP 111	MBW 8.03	MBP -2.464	Grade 2
	120	Pi Gr	75yr62	LMS			xxx	no					

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
EH2G-4 482903 371004	39	Br	75yr43		SCL	1	1			I	1	3a	3a	DR
	60	Rd Br	5yr53		SCL	1	1	xxx	no	Droughtiness Calculation				
	77	Li Rd Br	5yr63		MS			o	no	MDW	MDP	MBW	MBP	Grade
	120	Rd Br	5yr53		LMS			xxx	no	116	111	3.367	-8.518	3a
EH2G-5 483000 371000	38	Dk Br	75yr34		MSL					I	1	3a	3a	DR
	56	Br + Li Br Gr	75yr44	10yr62	MSL			xxx	no	Droughtiness Calculation				
	120	Rd Br	5yr44		LMS			o	no	MDW	MDP	MBW	MBP	Grade
										116	111	3.92	-9.32	3a
EH2G-6 483101 371004	35	Dk Gr Br	10yr42		CSL	1	1			I	1	3b	3b	DR
	120	Rd Br	5yr53		CS			xx	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	111	-28.66	-38.06	3b
EH2G-7 482904 370904	40	Br	75yr53		SCL	2	1			I	1	2	2	DR
	66	Li Br	75yr63		SCL	1	1	xxx	no	Droughtiness Calculation				
	120	Br	75yr53		LMS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	111	7.348	-2.764	2
EH2G-8 483002 370904	40	Dk Rd Gr	5yr42		SCL	2	1			I	1	2	2	DR
	49	Dk Rd Gr	5yr42		SCL	2	1	o	no	Droughtiness Calculation				
	69	Rd Br	5yr53		HCL			xxx	yes	MDW	MDP	MBW	MBP	Grade
	120	Rd Br	5yr53		LCS			xxx	no	116	111	9.048	1.608	2
EH2G-9 483103 370924	40	Dk Rd Gr	5yr42		CSL	2	1			I	1	3a	3a	DR
	50	Gr	5yr61		LCS	1	1	xxx	no	Droughtiness Calculation				
	63	Gr	5yr61		C	1	1	xxx	no	MDW	MDP	MBW	MBP	Grade
	90	Gr	5yr61		CSL			xxx	no	116	111	5.3795	-9.992	2
EH2H-1 483190 370894	36	Dk Br	75yr32		LMS	1	1			I	1	3a	3a	DR
	70	Br + Gr Br	75yr54	10yr52	SCL			xxx	no	Droughtiness Calculation				
	120	Yl Br	10yr54		LMS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	111	-4.632	-13.632	3a
EH2Z-1 483095 370802	40	Dk Br	75yr32		MSL	1	1			I	1	3a	3a	DR
	55	St Br + Gr	75yr56	10yr51	LMS			xxx	no	Droughtiness Calculation				
	120	Yl Br	10yr54		MS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	111	-13.04	-24.44	3a
EH2Z-2 483101 370704	34	V Dk Gr	75yr31		MSL	1	1			I	1	3a	3a	DR
	70	Gr Br + Gr	10yr52	10yr51	LMS			xxx	no	Droughtiness Calculation				
	120	Br	75yr54		MS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	111	-17.624	-27.824	3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)	
EH2Z-3 483192 370706	38	Dk Br	75yr32		MSL	1	1			I	1	2	2	DR	
	64	Yl Br + Gr	10yr54	10yr51	SCL			xxx	no	Droughtiness Calculation					
	120	Yl Br	10yr54		LMS			x	no	MDW 116	MDP 111	MBW 6.872	MBP -3.688	Grade 2	
EH4A-1 483000 370580	37	Br	75yr43		SCL	2	1			I	1	2	2	DR	
	68	Rd Br	5yr43		MSL	1	2	xx	no	Droughtiness Calculation					
	100	Li Br	75yr64		LMS	1	2	xxx	no	MDW 116	MDP 111	MBW 9.4916	MBP -1.7256	Grade 2	
EH4A-2 483099 370603	36	Dk Br	75yr32		MSL	1	1			I	1	2	2	DR	
	90	Dk Gr Br	10yr42		MSL	8	8	xxx	no	Droughtiness Calculation					
	120	Br	10yr43		MS			o	no	MDW 116	MDP 111	MBW 16.968	MBP -2.912	Grade 2	
EH4A-3 483003 370506	37	V Dk Gr Br	10yr32		MSL	1	1			I	1	3a	3a	DR	
	51	Dk Gr Br	10yr42		MSL			xxx	no	Droughtiness Calculation					
	60	Gr Br	10yr52		SCL			xxx	no	MDW 116	MDP 111	MBW 4.708	MBP -6.992	Grade 3a	
	120	Gr Br	10yr52		LMS			xx	no						
EH4A-4 483097 370509	35	Dk Br	75yr32		MSL	1	1			I	1	2	2	DR	
	120	Gr Br	25y52		MSL			xxx	no	Droughtiness Calculation					
GHS1A-1 479197 371096	26	Br	75yr42		HZCL	1	1			III	3b	2	3b	WE	
	41	Rd Br + Gr Br	5yr44	10yr52	HZCL	1	1	xxx	no	Droughtiness Calculation					
	75	Rd Br + Gr Br	25yr43	10yr52	C			xxx	yes	MDW 117	MDP 111	MBW 17.892	MBP 0.892	Grade 2	
GHS1A-2 479306 371100	25	Br	75yr42		ZC	1	1			III	3b	3a	3b	WE	
	42	Rd Br + Gr	5yr44	5yr51	ZC	1	1	xxx	yes	Droughtiness Calculation					
	75	Rd Br + Gr	25yr44	5yr51	C	20	3	xxx	yes	MDW 117	MDP 111	MBW -3.727	MBP -17.327	Grade 3a	
GHS1A-3 479406 371099	25	Br	75yr42		HZCL	1	1			III	3b	3a	3b	WE	
	41	Rd Br + Pi Gr	5yr44	5yr62	ZC	1	1	xxx	yes	Droughtiness Calculation					
	63	Rd Br	25yr44		C	10	3	xxx	yes	MDW 117	MDP 111	MBW 8.314	MBP -9.206	Grade 2	
	90	Rd Br + Pl Rd	25yr44	25yr62	C			xxx	yes						
GHS1A-4 479513 371094	28	Dk Rd Gr	5yr42		ZC	1	1			III	3b	3a	3b	WE	
	75	Rd Br + Li Rd Br	25yr44	25yr64	C	1	1	xxx	yes	Droughtiness Calculation					
											MDW 117	MDP 111	MBW 7.033	MBP -9.752	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
GHS1A-5 479593 371101	22	Dk Rd Gr	5yr42		HZCL	2	1			III	3b	2	3b	WE
	48	Rd Br + Gr	25yr44	5yr51	C	2	1	xxx	yes	Droughtiness Calculation				
	75	Rd Br	25yr44		SC	2	1	xxx	yes	MDW 117	MDP 111	MBW 14.686	MBP -8.744	Grade 2
GHS1A-6 479200 370998	31	Dk Rd Gr	5yr42		HZCL	1	1			III	3b	2	3b	WE
	72	Rd Br + Pi Gr	25yr44	75yr62	C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 14.359	MBP -2.426	Grade 2
GHS1A-7 479301 370999	29	Br	75yr42		HZCL	1	1			III	3b	3a	3b	WE
	62	Rd Br + Gr	5yr44	5yr51	ZC	20	3	xxx	yes	Droughtiness Calculation				
	90	Rd Br + Pi Gr	25yr44	5yr62	C	40	3	xxx	yes	MDW 117	MDP 111	MBW -4.382	MBP -14.582	Grade 3a
GHS1B-1 478102 371304	30	Br	75yr43		ZC					III	3b	2	3b	WE
	100	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 9	MBP -8	Grade 2
GHS1B-2 478199 371304	32	Br	75yr43		ZC					III	3b	2	3b	WE
	100	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 9.8	MBP -7.2	Grade 2
GHS1B-3 478301 371301	32	Br	75yr43		HZCL-C					III	3b	2	3b	WE
	50	Br	75yr53		C			xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		SC			xxx	yes	MDW 117	MDP 111	MBW 23.2	MBP -0.8	Grade 2
GHS1B-4 478303 371201	32	Br	75yr43		ZC					III	3b	2	3b	WE
	50	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		SC			xxx	yes	MDW 117	MDP 111	MBW 16.8	MBP -7.2	Grade 2
GHS1B-5 478406 371200	35	Br	75yr43		HZCL					III	3b	2	3b	WE
	55	Br	75yr53		C			xxx	yes	Droughtiness Calculation				
	70	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 111	MBW 18	MBP 1	Grade 2
GHS1B-6 478502 371195	35	Br	75yr43		ZC					III	3b	2	3b	WE
	70	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 11	MBP -6	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
GHS1B-7 478579 371199	35	Br	75yr43		C					III	3b	2	3b	WE
	50	Br + Rd Br	75yr53	5yr44	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 11	MBP -6	Grade 2
GHS1C-1 478697 371201	24	Br	75yr53		ZC					III	3b	3a	3b	WE
	100	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 6.6	MBP -10.4	Grade 3a
GHS1C-2 478803 371198	24	Br	75yr53		ZC	2	1			III	3b	3a	3b	WE
	100	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 5.832	MBP -11.168	Grade 3a
GHS1C-3 478504 371104	35	Br	75yr53		ZC					III	3b	2	3b	WE
	60	Br	10yr53		C			xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 111	MBW 11	MBP -6	Grade 2
GHS1C-4 478600 371107	30	Br	75yr53		C					III	3b	2	3b	WE
	100	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 9	MBP -8	Grade 2
GHS1C-5 478705 371094	36	Br	75yr53		ZC					III	3b	2	3b	WE
	100	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 11.4	MBP -5.6	Grade 2
GHS1C-6 478493 371002	27	Br	75yr53		ZC					III	3b	3a	3b	WE
	100	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 7.8	MBP -9.2	Grade 2
GHS1C-7 478592 371007	29	Br	75yr53		ZC					III	3b	2	3b	WE
	60	Br	10yr53		C			xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 111	MBW 8.6	MBP -8.4	Grade 2
GHS1C-8 478694 371000	29	Br	75yr53		HZCL-C					III	3b	2	3b	WE
	50	Br	10yr53		ZC			xxx	no	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 111	MBW 12.3	MBP -4.7	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
GHS1C-9 478404 370904	30	Br	75yr42		ZC	1	1			III	3b	2	3b	WE
	75	Rd Br	5yr44		C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 7.825	MBP -8.96	Grade 2
GHS1C-10 478506 370904	30	Br	75yr53		ZC	1	1			III	3b	2	3b	WE
	60	Br	10yr53		C	1	1	xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		C	1	1	xxx	no	MDW 117	MDP 111	MBW 7.825	MBP -8.96	Grade 2
GHS1C-11 478599 370906	32	Dk Rd Gr	5yr42		HZCL	1	1			III	3b	2	3b	WE
	75	Rd Br + Rd Gr	5yr44	5yr52	C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 14.953	MBP -1.832	Grade 2
GHS1C-12 478409 370795	29	Dk Gr	10yr41		HZCL	1	1			III	3b	2	3b	WE
	90	Gr + Br	10yr51	10yr53	C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 13.171	MBP -3.614	Grade 2
GHS1C-13 478510 370811	27	Br	75yr42		HZCL	1	1			III	3b	2	3b	WE
	55	Rd Br + Rd Gr	5yr44	5yr52	C	1	1	xxx	yes	Droughtiness Calculation				
	100	Rd Br + Gr	25yr44	5yr51	C	1	1	xxx	no	MDW 117	MDP 111	MBW 11.983	MBP -4.802	Grade 2
GHS1C-14 478609 370804	26	Dk Rd Gr	5yr42		HZCL	1	1			III	3b	2	3b	WE
	75	Rd Br	25yr44		C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 11.389	MBP -5.396	Grade 2
GHS1C-15 478682 370744	28	Br	75yr42		HZCL	1	1			III	3b	2	3b	WE
	52	Gr + Rd Gr	5yr51	5yr52	ZC	1	1	xxx	yes	Droughtiness Calculation				
	75	Rd Br	25yr44		C	1	1	xxx	no	MDW 117	MDP 111	MBW 10.399	MBP -6.584	Grade 2
GHS1C-16 478402 370701	28	Pi Gr	75yr62		MZCL	1	1			III	3a	2	3a	WE
	52	Rd Br + Rd Gr	5yr44	5yr52	SCL	1	1	xxx	no	Droughtiness Calculation				
	75	Wk Rd + Rd Gr	25yr42	25yr51	C	1	1	xxx	yes	MDW 117	MDP 111	MBW 17.527	MBP 0.544	Grade 2
GHS1C-17 478504 370707	34	Dk Rd Gr	5yr42		HZCL	1	1			III	3b	2	3b	WE
	60	Rd Br + Gr	5yr44	5yr51	ZC	1	1	xxx	yes	Droughtiness Calculation				
	100	Rd Br	25yr44		ZC	5	6	xxx	no	MDW 117	MDP 111	MBW 14.347	MBP -4.298	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
GHS1C-18 478611 370695	29	Dk Rd Gr	5yr42		HZCL	1	1			III	3b	2	3b	WE
	90	Rd Br + Rd Gr	5yr44	5yr52	ZC	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 11.092	MBP -7.673	Grade 2
GHS1C-19 478408 370601	29	Rd Gr	5yr52		HZCL	1	1			III	3b	2	3b	WE
	75	Rd Br + Rd Gr	5yr44	5yr52	C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 13.171	MBP -3.614	Grade 2
GHS1D-1 478899 371192	32	Dk Gr Br	10yr42		ZC					III	3b	2	3b	WE
	55	Br	10yr53		C			xxx	yes	Droughtiness Calculation				
	70	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 111	MBW 9.8	MBP -7.2	Grade 2
GHS1D-2 478996 371199	33	Dk Gr Br	10yr42		MZCL					II	2	2	2	DR,WE
	55	Rd Br	5yr54		SCL	3	6	xxx	no	Droughtiness Calculation				
	100	Rd Br	5yr44		SCL	5	2	xxx	no	MDW 117	MDP 111	MBW 38.168	MBP 5.838	Grade 2
GHS1D-3 479098 371195	35	Dk Gr Br	10yr42		MZCL					III	3a	2	3a	WE
	45	Br	10yr53		HCL	3	1	xxx	yes	Droughtiness Calculation				
	60	Pi Gr	5yr62		HCL	5	2	xxx	yes	MDW 117	MDP 111	MBW 39.925	MBP 9.425	Grade 2
GHS1D-4 478797 371098	37	Dk Gr Br	10yr42		HZCL					III	3b	2	3b	WE
	55	Rd Br	5yr44		C	3	1	xxx	yes	Droughtiness Calculation				
	100	Pi Gr	5yr62		HCL			xxx	yes	MDW 117	MDP 111	MBW 38.1345	MBP 6.052	Grade 2
GHS1D-5 478899 371099	34	Dk Gr Br	10yr42		MZCL					III	3a	2	3a	WE
	45	Rd Br	5yr44		SC			xxx	no	Droughtiness Calculation				
	100	Pi Gr	5yr62		C			xxx	yes	MDW 117	MDP 111	MBW 17.4	MBP 0.4	Grade 2
GHS1D-6 479008 371096	35	Dk Gr Br	10yr42		MZCL					III	3a	2	3a	WE
	45	Br	10yr53		C			xxx	yes	Droughtiness Calculation				
	90	Pi Gr	5yr62		C			xxx	yes	MDW 117	MDP 111	MBW 18	MBP 1	Grade 2
GHS1D-7 479100 371104	30	Dk Gr Br	10yr42		MZCL					III	3a	2	3a	WE
	45	Br	10yr53		ZC			xxx	yes	Droughtiness Calculation				
	70	Pi Gr	5yr62		HZCL	10	1	xxx	yes	MDW 117	MDP 111	MBW 29.05	MBP 2.5	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
GHS1D-8 478799 371001	40	Dk Gr Br	10yr42		MZCL					III	3a	2	3a	WE
	100	Br	10yr53		SC	2	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 26.71	MBP 3.28	Grade 2
GHS1D-9 478896 370999	40	Dk Gr Br	10yr42		HZCL					II	3a	2	3a	WE
	60	Br	10yr53		SCL-SC			xxx	no	Droughtiness Calculation				
	75	Rd Br	5yr44		C	5	6	xxx	yes	MDW 117	MDP 111	MBW 24.95	MBP 7.75	Grade 2
	100	Pi Gr	5yr62		C	10	6	xxx	yes					
GHS1D-10 478998 370998	35	Dk Gr Br	10yr42		HZCL					II	3a	2	3a	WE
	65	Br	10yr53		SCL			xxx	no	Droughtiness Calculation				
	100	Rd Br	5yr44		SC	2	2	xxx	yes	MDW 117	MDP 111	MBW 30.34	MBP 6.9	Grade 2
GHS1D-11 479102 370996	37	Dk Gr Br	10yr42		HZCL					III	3b	2	3b	WE
	50	Br	10yr53		C	2	2	xxx	yes	Droughtiness Calculation				
	100	Pi Gr	5yr62		ZC	3	2	xxx	yes	MDW 117	MDP 111	MBW 17.89	MBP -0.6	Grade 2
GHS1D-12 478722 370896	30	Dk Gr Br	10yr42		HZCL					III	3b	1	3b	WE,TX
	85	Br	10yr53		HZCL			xxx	yes	Droughtiness Calculation				
	100	Pi Gr	5yr62		SCL			xxx	yes	MDW 117	MDP 111	MBW 44	MBP 14	Grade 1
GHS1D-13 478797 370906	35	Dk Gr Br	10yr42		MZCL					III	3a	2	3a	WE
	60	Pi Gr	5yr62		SCL-SC			xxx	yes	Droughtiness Calculation				
	100	Pi Gr	5yr62		SC			xxx	yes	MDW 117	MDP 111	MBW 25	MBP 1	Grade 2
GHS1D-14 478906 370899	32	Dk Gr Br	10yr42		MZCL					III	3a	2	3a	WE
	70	Br	10yr53		HZCL			xxx	yes	Droughtiness Calculation				
	100	Pi Gr + Rd Br	5yr62	5yr44	C			xxx	yes	MDW 117	MDP 111	MBW 29.4	MBP 14.4	Grade 2
GHS1D-15 479003 370899	37	Dk Gr Br	10yr42		HZCL					III	3b	2	3b	WE
	55	Br	10yr53		HZCL			xxx	no	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 111	MBW 25.9	MBP 9.4	Grade 2
GHS1D-16 478706 370791	30	Dk Gr Br	10yr42		HZCL					III	3b	2	3b	WE
	50	Br	10yr53		ZC	3	1	xxx	yes	Droughtiness Calculation				
	100	Pi Gr	5yr62		C			xxx	yes	MDW 117	MDP 111	MBW 12.34	MBP -4.66	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
GHS1D-17 478805 370807	38	Dk Gr Br	10yr42		HZCL					III	3b	2	3b	WE
	50	Br	10yr53		HZCL			xxx	no	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 111	MBW 24.6	MBP 7.6	Grade 2
GHS1E-1 479098 370094	32	Dk Rd Br	5yr32		SCL	1	1			II	2	2	2	DR,WE
	75	Rd Br	5yr43		SCL	5	1	xxx	no	Droughtiness Calculation				
	90	Rd Br	25yr43		C	5	1	xxx	yes	MDW 117	MDP 111	MBW 16.478	MBP -2.772	Grade 2
GHS1E-2 479200 370102	26	Dk Br	75yr32		SCL	3	1			II	2	2	2	DR,WE
	120	Rd Br + Gr	5yr44	5yr51	SCL	3	1	xxx	no	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 28.949	MBP -3.896	Grade 2
GHS1E-3 479301 370099	32	Dk Rd Br	5yr32		SCL	1	1			I	1	2	2	DR
	120	Rd Br	5yr43		SCL			o	no	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 33.888	MBP -0.112	Grade 2
GHS1E-4 478800 370000	42	Dk Rd Br	5yr32		HZCL	1	1			II	3a	1	3a	WE
	75	Rd Br	5yr44		HCL	1	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 44.188	MBP 12.508	Grade 1
GHS1E-5 478906 369998	32	Dk Br	75yr32		HZCL	1	1			III	3b	2	3b	WE
	60	Rd	25yr46		C	3	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 14.088	MBP -2.402	Grade 2
GHS1E-6 479001 369996	40	Dk Rd Br	5yr32		HCL	1	1			III	3b	2	3b	WE
	75	Rd	25yr46		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 16.32	MBP -0.68	Grade 2
GHS1E-7 479102 370001	31	Dk Br	75yr32		HZCL	1	1			III	3b	2	3b	WE
	41	Rd	25yr46		C	3	3	xxx	yes	Droughtiness Calculation				
	75	Rd	25yr46		C	10	3	xxx	yes	MDW 117	MDP 111	MBW 10.462	MBP -4.838	Grade 2
GHS1E-8 479197 370001	31	Dk Rd Br	5yr32		C	1	1			III	3b	3a	3b	WE
	72	Rd Br	5yr44		C	3	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 7.341	MBP -9.149	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
GHS1E-9 479296 369992	36	Dk Br	75yr32		HCL	1	1			III	3b	2	3b	WE
	75	Rd	25yr46		C	3	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 12.96	MBP -3.53	Grade 2
GHS1E-10 479399 370002	36	Dk Rd Br	5yr32		HCL	1	1			III	3b	2	3b	WE
	60	Rd Br	25yr44		C	1	1	xxx	yes	Droughtiness Calculation				
	72	Rd Br	5yr53		C	10	2	xxx	yes	MDW 117	MDP 111	MBW 11.155	MBP -3.9	Grade 2
GHS1E-11 478811 369904	34	Dk Rd Br	5yr32		C	1	1			III	3b	2	3b	WE
	75	Dk Rd	25yr36		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 10.056	MBP -6.944	Grade 2
GHS1E-12 478903 369903	26	Br	75yr42		HZCL	1	1			III	3b	2	3b	WE
	90	Rd Br	25yr44		C	3	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 10.434	MBP -6.056	Grade 2
GHS1E-13 478998 369902	20	Dk Br	75yr32		HZCL	1	1			III	3b	3a	3b	WE
	75	Rd Br	25yr44		C	3	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 6.78	MBP -9.71	Grade 2
GHS1E-14 479096 369896	34	Br	75yr42		HZCL	1	1			III	3b	2	3b	WE
	60	Rd Br	25yr44		C	5	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 14.318	MBP -1.832	Grade 2
GHS1E-15 479202 369902	33	Dk Br	75yr32		HZCL	1	1			III	3b	2	3b	WE
	75	Rd Br	5yr44		C	3	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 14.697	MBP -1.793	Grade 2
GHS1E-16 479304 369907	38	Dk Rd Br	5yr32		C	1	1			III	3b	2	3b	WE
	72	Rd Br	25yr44		C	3	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 10.218	MBP -6.272	Grade 2
GHS1E-17 478805 369800	39	Dk Br	75yr32		HCL	1	1			III	3b	2	3b	WE
	75	Rd Br + Gr	5yr44	5yr51	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 15.837	MBP -1.163	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
GHS1E-18 478895 369798	31	Dk Br	75yr32		HZCL	1	1			III	3b	2	3b	WE
	75	Rd Br	5yr44		C	3	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 13.479	MBP -3.011	Grade 2
GHS1E-19 478997 369797	35	Dk Br	75yr32		HZCL	1	1			III	3b	2	3b	WE
	75	Rd Br	25yr44		C	3	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 15.915	MBP -0.575	Grade 2
GHS1E-20 479087 369803	28	Dk Br	75yr32		C	1	1			III	3b	3a	3b	WE
	75	Rd Br	5yr44		C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 7.033	MBP -9.752	Grade 2
GHS1E-21 478806 369701	35	Dk Br	75yr32		C	1	1			III	3b	2	3b	WE
	75	Rd Br	5yr44		C	5	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 8.015	MBP -8.135	Grade 2
GHS1E-22 478903 369696	35	Dk Br	75yr32		HZCL	1	1			III	3b	2	3b	WE
	75	Gr + Rd Br	25y61	5yr44	C	2	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 16.4	MBP -0.26	Grade 2
GHS1E-23 478995 369703	30	Dk Br	75yr32		C	1	1			III	3b	2	3b	WE
	75	Gr	25y61		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 8.52	MBP -8.48	Grade 2
GHS1E-24 479099 369701	40	Dk Br	75yr32		C	1	1			III	3b	2	3b	WE
	75	Rd Br	5yr44		C	5	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 10.16	MBP -5.99	Grade 2
GHS1G-1 478707 370395	30	Br	75yr42		ZC					III	3b	2	3b	WE
	70	Br	75yr52		C			xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		SC			xxx	yes	MDW 117	MDP 111	MBW 14	MBP -8	Grade 2
GHS1G-2 478775 370396	31	Br	75yr42		ZC					III	3b	2	3b	WE
	100	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 9.4	MBP -7.6	Grade 2

Name	Depth (cm)	Colour	Munsell 1 Munsell 2	Texture	Total stones %	Lith	Mottling/Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
GHS1G-3 479000 370398	27 100	Br Br	75yr42 75yr52	ZC C			xxx	yes	III	3b	3a	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 111	MBW 7.8	MBP -9.2	Grade 2
GHS1G-4 478797 370296	30 100	Br Rd Br	75yr42 5yr44	ZC C			xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 111	MBW 9	MBP -8	Grade 2
GHS1G-5 478898 370302	38 100	Br Rd Br	75yr42 5yr44	ZC C			xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 111	MBW 12.2	MBP -4.8	Grade 2
GHS1G-6 479001 370298	33 100	Br Rd Br	75yr42 5yr44	HZCL-C SC			xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 111	MBW 23.8	MBP -0.2	Grade 2
GHS1G-7 479097 370304	36 100	Br Rd Br	75yr42 5yr44	HZCL SCL-SC			xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 111	MBW 25.6	MBP 1.6	Grade 2
GHS1G-8 478800 370200	32 100	Br Rd Br	75yr42 5yr44	HZCL C			xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 111	MBW 16.2	MBP -0.8	Grade 2
GHS1G-9 478900 370201	27 60 100	Br Br Rd Br	75yr42 75yr53 5yr44	HZCL SC C	5	6	xxx xxx	yes yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 111	MBW 13.6	MBP -4.05	Grade 2
GHS1G-10 478998 370204	32 100	Br Rd Br	75yr42 5yr44	HZCL C			xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 111	MBW 16.2	MBP -0.8	Grade 2
GHS1G-11 479104 370208	32 52 70	Br Br Rd Br	75yr42 75yr53 5yr44	HZCL C C	10	6	xxx xxx	yes yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 111	MBW 14.84	MBP -1.7	Grade 2

Name	Depth (cm)	Colour	Munsell 1 Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
GHS1G-12 478700 370103	30 100	Br Rd Br	75yr42 5yr44	HZCL-C C	2	1	xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 111	MBW 13.61	MBP -2.96	Grade 2
GHS1G-13 478802 370100	32 55 100	Br Br Rd Br	75yr42 75yr53 5yr44	HZCL HZCL C			xxx xxx	no yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 111	MBW 24.9	MBP 8.4	Grade 2
GHS1G-14 478899 370103	32 100	Br Rd Br	75yr42 5yr44	HZCL SC	2	6	xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 111	MBW 22.6	MBP -1.18	Grade 2
GHS1G-15 479005 370098	35 55 70	Br Br Rd Br	75yr42 75yr53 5yr44	HZCL C C		6	xxx xxx	yes yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 111	MBW 17.35	MBP 0.625	Grade 2
GHS1H-1 479400 370400	31 80	Dk Ye Br Re Br	10yr44 5yr44	C C	1 1	1 1	xxx	Yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 111	MBW 8.221	MBP -8.564	Grade 2
GHS1H-2 479500 370400	31 80	V Dk Gr Br Gr Br	10yr44 10yr52	C C	1 1	1 1	xxx	Yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 111	MBW 8.221	MBP -8.564	Grade 2
GHS1H-3 479600 370400	33 40 80	V Dk Gr Br Re Br Re Br	10yr32 5yr44 5yr44	HZCL HCL C	3 1 1	1 1 1	xxx xxx	No Yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 111	MBW 16.438	MBP -0.347	Grade 2
GHS1H-4 479703 370388	35 75	V Dk Gr Rd Br	5yr31 5yr43	HCL C	2 4	1 3	xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 111	MBW 11.37	MBP -4.95	Grade 2
GHS1H-5 479400 370300	34 80	Dk Ye Br Re Br	10yr44 5yr44	C C	1 1	1 1	xxx	Yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 111	MBW 9.409	MBP -7.376	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
GHS1H-6 479500 370300	34	Dk Ye Br	10yr44		C	1	1			III	3b	2	3b	WE
	80	V Dk Gr Br	10yr32		C	1	1	xxx	Yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 9.409	MBP -7.376	Grade 2
GHS1H-7 479600 370300	29	V Dk Gr Br	10yr32		C	1	1			III	3b	3a	3b	WE
	80	Re Br	5yr44		C	1	1	xxx	Yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 7.429	MBP -9.356	Grade 2
GHS1H-8 479705 370298	31	Dk Rd Br	5yr32		HCL	1	1			III	3b	2	3b	WE
	75	Rd Br	5yr44		C	1	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 11.452	MBP -5.378	Grade 2
GHS1H-9 479792 370306	30	V Dk Gr	5yr31		HZCL	2	1			III	3b	2	3b	WE
	75	Rd Br + Gr	5yr43	10yr51	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 13.92	MBP -3.08	Grade 2
GHS1H-10 479400 370200	32	Dk Ye Br	10yr44		C	1	1			III	3b	2	3b	WE
	80	V Dk Re br	10yr32		C	1	1	xxx	Yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 8.617	MBP -8.168	Grade 2
GHS1H-11 479500 370200	31	Dk Ye Br	10yr44		C	1	1			III	3b	2	3b	WE
	80	V Dk Gr Br	10yr32		C	1	1	xxx	Yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 8.221	MBP -8.564	Grade 2
GHS1H-12 479600 370200	28	V Dk Gr Br	10yr32		C	1	1			III	3b	3a	3b	WE
	80	Re Br	5yr44		C	1	1	xxx	Yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 7.033	MBP -10.752	Grade 3a
GHS1H-13 479700 370200	31	V Dk Gr Br	10yr32		C	1	1			III	3b	2	3b	WE
	80	Re Br	5yr44		C	1	1	xxx	Yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 8.19	MBP -9.595	Grade 2
GHS1H-14 479796 370197	24	Dk Rd Br	5yr32		HZCL	1	1			III	3b	2	3b	WE
	75	Rd Br	5yr44		C	1	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 10.384	MBP -7.446	Grade 2

Name	Depth (cm)	Colour	Munsell 1 Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
GHS1H-15 479895 370215	31	V Dk Gr	5yr31	HCL	2	1			III	3b	2	3b	WE
	60	Rd Br	5yr43	HCL		3	xxx	yes	Droughtiness Calculation				
	75	Gr	5y51	C			xxx	yes	MDW 117	MDP 112	MBW 20.146	MBP 2.146	Grade 2
GHS1H-16 479400 370100	29	Dk Ye Br	10yr44	ZC	1	1			III	3b	3a	3b	WE
	100	V Dk Re br	10yr32	C	1	1	xxx	Yes	Droughtiness Calculation				
									MDW 117	MDP 112	MBW 7.429	MBP -10.356	Grade 3a
GHS1H-17 479500 370100	32	Dk Ye Br	10yr44	MCL	1	1			III	3a	2	3a	WE
	55	Re Br	5yr44	MCL	1	1	xxx	No	Droughtiness Calculation				
	80	Re Br	5yr44	HCL	1	1	xxx	Yes	MDW 117	MDP 112	MBW 37.921	MBP 5.286	Grade 2
GHS1H-18 479600 370100	38	V Dk Gr Br	10yr32	C	1	1			III	3b	2	3b	WE
	80	Re Br	5yr44	C	1	1	xxx	Yes	Droughtiness Calculation				
									MDW 117	MDP 112	MBW 10.993	MBP -6.792	Grade 2
GHS1H-19 479700 370100	29	V Dk Gr Br	10yr32	HZLC	1	1			III	3b	2	3b	WE
	80	Re Br	5yr44	C	1	1	xxx	Yes	Droughtiness Calculation				
									MDW 117	MDP 112	MBW 13.171	MBP -4.614	Grade 2
GHS1H-20 479793 370102	30	Dk Rd Br	5yr32	C	1	1			III	3b	2	3b	WE
	75	Rd Br	5yr44	C	1	3	xxx	yes	Droughtiness Calculation				
									MDW 117	MDP 112	MBW 7.99	MBP -9.84	Grade 2
GHS1H-21 479908 370099	39	V Dk Gr	5yr31	MCL	2	1			II	2	2	2	DR,WE
	46	Rd Br	5yr44	MCL			x	no	Droughtiness Calculation				
	75	Rd Br	5yr43	C			xxx	yes	MDW 117	MDP 112	MBW 17.274	MBP -0.726	Grade 2
GHS1H-22 479500 370000	35	Dk Ye Br	10yr44	HCL	1	1			III	3b	2	3b	WE
	90	Re Br	5yr44	HCL	1	1	xxx	Yes	Droughtiness Calculation				
	100	Re Br	5yr43	C	1	1	xxx	Yes	MDW 117	MDP 112	MBW 29.605	MBP 5.88	Grade 2
GHS1H-23 479600 370000	34	V Dk Gr Br	10yr32	HCL	1	1			III	3b	2	3b	WE
	40	Re Br	5yr44	HCL	1	1	xxx	Yes	Droughtiness Calculation				
	80	Dk Ye Br	10yr44	C	1	1	xxx	Yes	MDW 117	MDP 112	MBW 14.557	MBP -3.228	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
GHS1H-24 479700 370000	32	V Dk Gr Br	10yr32		MZCL	3	1			II	2	2	2	DR,WE
	85	Re Br	75yr44		MCL	2	1	xxx	No	Droughtiness Calculation				
	100	Re Br	5yr44		HCL	1	1	xxx	Yes	MDW 117	MDP 110	MBW 39.3345	MBP 8.732	Grade 2
GHS1H-25 479803 370004	29	Dk Rd Br	5yr32		MZCL	1	1			I	1	2	2	DR
	75	Dk Rd Gr	5yr42		SCL	1	3	o	no	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 110	MBW 25.147	MBP 5.627	Grade 2
GHS1H-26 479898 370016	32	Dk Rd Br	5yr32		C	1	1			III	3b	2	3b	WE
	75	Rd Br	5yr43		C	1	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 110	MBW 8.776	MBP -7.054	Grade 2
PL1-1 480102 372798	39	V Dk Gr Br	10yr32		SCL	1	1			II	2	2	2	DR,WE
	120	Yl Br + Gr Br	10yr56	10yr52	SCL			xxx	no	Droughtiness Calculation				
										MDW 117	MDP 110	MBW 35.176	MBP 2.176	Grade 2
PL1-2 480208 372813	34	V Dk Gr Br	10yr32		SCL	1	1			II	2	2	2	DR,WE
	120	Yl Br + Gr Br	10yr56	10yr52	SCL			xxx	no	Droughtiness Calculation				
										MDW 117	MDP 110	MBW 34.256	MBP 1.256	Grade 2
PL1-3 480296 372802	29	V Dk Gr Br	10yr32		HCL	1	1			III	3b	2	3b	WE
	120	Br + Dk Br	75yr42	75yr32	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.007	MBP -6.993	Grade 2
PL1-4 480396 372794	40	V Dk Gr Br	10yr32		HCL	1	1			II	3a	2	3a	WE
	70	Li Gr + Gr Br	25y71	10yr52	SCL			xxx	no	Droughtiness Calculation				
	85	Li Gr	25y71		MSL			xxx	no	MDW 117	MDP 112	MBW 22.62	MBP 4.32	Grade 2
	120	Gr	25y61		LMS			xxx	no					
PL1-5 480100 372698	31	V Dk Gr Br	10yr32		MCL	1	1			II	2	2	2	DR,WE
	120	Br + Gr	10yr53	10yr61	MSL			xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 43.773	MBP 1.773	Grade 2
PL1-6 480204 372701	31	V Dk Gr Br	10yr32		HCL	1	1			II	3a	2	3a	WE
	48	Dk Gr	25y41		SCL			xxx	no	Droughtiness Calculation				
	120	Gr + Br	10yr51	10yr53	SCL	1	1	xxx	no	MDW 117	MDP 112	MBW 36.08	MBP 1.465	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
PL1-7 480299 372704	31 120	V Dk Gr Br Yl Br + Gr Br	10yr32 10yr54	10yr52	HCL SCL	1	1	xxx	no	II	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 36.773	MBP 1.773	Grade 2
PL1-8 480096 372601	15 60 120	V Dk Gr Br Br Br + Yl Rd	10yr32 75yr42 75yr52	5yr56	HCL C MSL	1	1	xxx xx	yes no	III	3b	3a	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 28.245	MBP -11.755	Grade 3a
PL1-9 480203 372602	30 120	V Dk Gr Br Rd Br	10yr32 5yr44		HCL C	1	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.49	MBP -6.51	Grade 2
PL1-10 480300 372599	31 52 120	V Dk Gr Br Li Yl Br Rd Br	10yr32 10yr64 5yr44		HCL SCL CSL	1	1	xxx o	no no	I	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 43.573	MBP 3.573	Grade 2
PL1-11 480104 372506	34 120	V Dk Gr Br Rd Br	10yr32 5yr44		HCL C	1	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 13.422	MBP -4.578	Grade 2
PL1-12 480198 372502	36 120	V Dk Gr Br Rd Br	10yr32 5yr54		HCL C	1	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 14.388	MBP -3.612	Grade 2
PR1-1 483202 373202	32 68 100	Dk Gr Br Dk Gr Br Li Gr Gn + Rd Br	10yr42 10yr42 5gy62	5yr44	SCL SCL C	2 2	1 1	xx xxxx	no yes	II	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 116	MDP 112	MBW	MBP	Grade
PR1-2 483299 373193	35 100	Dk Gr Br Rd Br	10yr42 5yr44		HCL C		1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 116	MDP 112	MBW	MBP	Grade
PR1-3 483403 373204	39 45 100	Dk Gr Br Dk Gr Br Li Gr Gn + Gr Br	10yr42 10yr42 5gy62	10yr52	SCL SCL C		1 1	xxx	no yes	II	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 116	MDP 112	MBW	MBP	Grade

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
PR1-4 483500 373203	35	Dk Gr Br	10yr42		SCL					III	3a	2	3a	WE
	100	Rd Br + Li Gr Gn	5yr44	5gy62	C			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 112	MBW	MBP	Grade
PR1-5 483601 373200	38	Dk Gr Br	10yr42		SCL					I	1	3a	3a	DR
	70	Dk Gr Br	10yr42		SCL			x	no	Droughtiness Calculation				
	85	Pl Br	10yr63		MS	5	1	x	no	MDW 116	MDP 112	MBW	MBP	Grade
SP1B-1 479803 374098	28	Dk Gr	75yr41		MCL	1	1			III	3a	2	3a	WE
	60	Rd	25yr46		C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 9.805	MBP -7.98	Grade 2
SP1B-2 479902 374086	30	Dk Gr	75yr41		MCL	1	1			II	2	2	2	DR,WE
	56	Rd Gr	5yr52		SCL	1	1	o	no	Droughtiness Calculation				
	70	Rd Gr + Gr	5yr52	75yr51	SCL	1	1	xxx	no	MDW 117	MDP 112	MBW 21.02	MBP 0.93	Grade 2
	90	Gr	75yr61		C			xxx	yes					
SP1B-3 480002 374092	28	V Dk Gr Br	10yr32		SCL	3	1			III	3a	2	3a	WE
	48	Li Rd Br + Gr	5yr63	75yr51	SCL	1	1	xxx	no	Droughtiness Calculation				
	75	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 10.576	MBP -7.424	Grade 2
SP1B-4 480093 374092	30	V Dk Gr Br	10yr32		SCL	5	1			III	3a	3a	3a	DR,WE
	60	Rd Br	5yr44		C	3	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 4.515	MBP -12.84	Grade 3a
SP1B-5 480192 374097	27	V Dk Gr Br	10yr32		HCL	2	1			II	3a	2	3a	WE
	41	Dk Gr	75yr41		HCL	1	1	x	no	Droughtiness Calculation				
	69	Pi Gr + Gr	75yr62	75yr51	C			xxx	yes	MDW 117	MDP 112	MBW 13.572	MBP -4.428	Grade 2
	90	Rd Br	5yr44		C			xxx	yes					
SP1B-6 480303 374086	31	Dk Gr Br	10yr42		SCL	3	1			III	3a	2	3a	WE
	47	Li Rd Br + Gr	5yr63	75yr51	SCL	1	1	xxx	no	Droughtiness Calculation				
	75	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 10.888	MBP -7.112	Grade 2
SP1B-7 479600 373998	32	Dk Rd Br	5yr32		ZL					II	2	1	2	WE
	65	Rd Br	5yr44		MSZL			o	no	Droughtiness Calculation				
	100	Rd Br	5yr44		ZL			xxx	yes	MDW 117	MDP 112	MBW 80.7	MBP 28.7	Grade 1
	90	Rd Br + Gr	5yr44	5yr51	C			xxx	yes					

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
SP1B-8 479708 373999	30	Br	75yr42		MCL	1	1			III	3a	2	3a	WE
	42	Rd Gr	5yr52		HCL	3	1	xxx	no	Droughtiness Calculation				
	75	Gr	75yr61		C			xxx	yes	MDW 117	MDP 112	MBW 14.55	MBP -3.45	Grade 2
SP1B-9 479800 373998	32	Dk Rd Br	5yr32		ZL					III	3a	2	3a	WE
	45	Rd Br	5yr44		C			xxx	no	Droughtiness Calculation				
	100	Ol Gr + Rd Br	5y52 5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 29	MBP 11	Grade 2
SP1B-10 479900 373988	32	Dk Gr	75yr41		HCL	3	1			III	3b	2	3b	WE
	60	Rd Br	25yr44		C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 10.697	MBP -7.088	Grade 2
SP1B-11 480000 373998	30	Dk Rd Br	5yr32		MCL					III	3a	2	3a	WE
	35	Rd Br	5yr44		C			xxx	no	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 12	MBP -6	Grade 2
SP1B-12 480093 373993	27	Dk Br	75yr32		HCL	2	1			III	3b	2	3b	WE
	53	Rd Br	5yr44		SC	1	1	xxx	yes	Droughtiness Calculation				
	75	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 9.5835	MBP -8.73	Grade 2
SP1B-13 480200 374000	30	V Dk Gr	5yr31		MSL					III	2	2	2	DR,WE
	54	Rd Br	5yr44		C			xxx	no	Droughtiness Calculation				
	60	Gr + Rd Br	5yr51 5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 9	MBP -9	Grade 2
	90	Rd Br + Gr	5yr44 5yr51		C			xxx	yes					
SP1B-14 480291 374007	32	Dk Gr Br	10yr42		SCL	1	1			III	3a	2	3a	WE
	50	Rd Gr + Gr	5yr52 75yr51		SCL	1	1	xxx	no	Droughtiness Calculation				
	75	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 12.636	MBP -5.364	Grade 2
SP1B-15 479392 373895	36	Dk Gr	75yr41		HZCL	5	1			III	3b	2	3b	WE
	75	Rd Br	25yr44		C	2	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 14.114	MBP -3.456	Grade 2
SP1B-16 479492 373899	26	Dk Gr	75yr41		HZCL	3	1			III	3b	2	3b	WE
	60	Rd Br	25yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.196	MBP -6.804	Grade 2

Name	Depth (cm)	Colour	Munsell 1 Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
SP1B-17 479598 373899	27	Dk Gr	75yr41	HZCL	10	1			III	3b	3a	3b	WE
	60	Rd Br	25yr44	C	5	3	xxx	yes	Droughtiness Calculation				
									MDW 117	MDP 112	MBW 5.555	MBP -11.595	Grade 3a
SP1B-18 479696 373901	29	Dk Gr	75yr41	MCL	5	1			II	2	2	2	DR,WE
	66	Rd Br	25yr44	SCL	5	1	xxx	no	Droughtiness Calculation				
	75	Rd	25yr46	C			xxx	yes	MDW 117	MDP 112	MBW 15.805	MBP -4.155	Grade 2
SP1B-19 479793 373898	35	Dk Gr	75yr41	MCL	5	1			III	3a	2	3a	WE
	60	Rd Br	25yr43	C	1	1	xxx	yes	Droughtiness Calculation				
									MDW 117	MDP 112	MBW 10.89	MBP -6.895	Grade 2
SP1B-20 479892 373900	30	Br	75yr42	MCL	5	1			III	3a	3a	3a	DR,WE
	60	Rd Br	25yr44	C	5	1	xxx	yes	Droughtiness Calculation				
									MDW 117	MDP 112	MBW 5.975	MBP -10.95	Grade 3a
SP1B-21 479997 373905	28	Dk Gr Br	10yr42	MCL	3	1			III	3a	2	3a	WE
	75	Rd Br	5yr44	C			xxx	yes	Droughtiness Calculation				
									MDW 117	MDP 112	MBW 9.572	MBP -8.428	Grade 2
SP1B-22 480100 373904	28	Dk Gr Br	10yr42	MCL	2	1			III	3a	2	3a	WE
	41	Rd Br	5yr44	SCL	3	1	xxx	no	Droughtiness Calculation				
	72	Rd Br	5yr44	C			xxx	yes	MDW 117	MDP 112	MBW 12.102	MBP -5.898	Grade 2
SP1B-23 479400 373800	28	Dk Rd Br	5yr32	MSZL	2	1			III	2	2	2	DR,WE
	40	Rd Br	5yr43	MSZL	2	1	xx	no	Droughtiness Calculation				
	100	Rd Br	5yr43	C	2	1	xxx	yes	MDW 117	MDP 112	MBW 16.058	MBP -1.512	Grade 2
SP1B-24 479505 373804	29	Dk Gr Br	10yr42	SCL	1	1			II	2	2	2	DR,WE
	60	Br	10yr53	SCL-SC	3	1	xxx	no	Droughtiness Calculation				
									MDW 117	MDP 112	MBW 30.459	MBP -3.386	Grade 2
SP1B-25 479600 373798	28	Rd Br	5yr43	MSZL					I	1	1	1	
	80	Br	75yr43	ZL	1	2	x	no	Droughtiness Calculation				
	100	Br	75yr53	ZL	2	2	xxx	no	MDW 117	MDP 112	MBW 80.862	MBP 32.802	Grade 1

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
SP1B-26 479703 373803	28	Dk Gr Br	10yr42		SCL	1	1			II	2	2	2	DR,WE
	100	Gr Br	10yr52		SCL-SC	1	1	xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 32.179	MBP -2.436	Grade 2
SP1B-27 479800 373798	30	V Dk Gr	5yr31		MZCL					III	3a	2	3a	WE
	35	Br	75yr54		HZCL	2	2	xxx	no	Droughtiness Calculation				
	100	Br	75yr54		C			xxx	yes	MDW 117	MDP 112	MBW 16.86	MBP -1.14	Grade 2
SP1B-28 479899 373804	28	Dk Gr Br	10yr42		HZCL	1	1			III	3b	2	3b	WE
	100	Rd Br	5yr44		SC	2	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 18.718	MBP -5.712	Grade 2
SP1B-29 480000 373798	28	Br	75yr43		MSZL					II	1	2	2	DR
	37	Br	75yr54		MSZL			o	no	Droughtiness Calculation				
	64	Br	75yr53		HZCL			xxx	no	MDW 117	MDP 112	MBW 26.8	MBP 10.2	Grade 2
	100	Rd Br	5yr44		C			xxx	yes					
SP1B-30 480099 373799	30	Dk Gr Br	10yr42		SCL	1	1			III	3a	3a	3a	DR,WE
	100	Br + Rd Br	10yr53	5yr44	SC	10	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 7.87	MBP -14.28	Grade 3a
SP1B-31 479398 373695	30	Dk Gr Br	10yr42		SCL	1	1			III	3a	2	3a	WE
	100	Rd Br	5yr44		C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 7.825	MBP -9.96	Grade 2
SP1B-32 479501 373704	29	Dk Gr Br	10yr42		SCL	1	1			III	3a	2	3a	WE
	100	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 8.136	MBP -9.864	Grade 2
SP1B-33 479600 373702	30	Dk Gr Br	10yr42		SCL	1	1			III	3a	3a	3a	DR,WE
	100	Br + Rd Br	10yr53	5yr44	SC	3	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 13.225	MBP -10.92	Grade 3a
SP1B-34 479699 373703	34	Dk Gr Br	10yr42		MZCL	1	1			III	3a	2	3a	WE
	100	Br + Rd Br	10yr53	5yr44	SC	2	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 22.354	MBP -2.076	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
SP1B-35 479796 373692	30 100	Dk Gr Br Gr Br	10yr42 10yr52		SCL SC	1 2	1 1	xxx	yes	III	3a	3a	3a	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 13.99	MBP -10.44	Grade 3a
SP1B-36 479900 373700	31 100	Dk Gr Br Gr Br	10yr42 10yr52		MZCL HZCL	1 1	1 1	xxx	yes	III	3a	1	3a	WE, TX
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 42.673	MBP 12.018	Grade 1
SP1B-37 480003 373701	27 100	Dk Gr Br Gr Br	10yr42 10yr52		SCL SCL	1 5	1 1	xxx	no	II	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 28.033	MBP -5.042	Grade 2
SP1B-38 479400 373598	28 69 80	Dk Yl Br Rd Br + Gr Rd Br	10yr44 5yr44 5yr44	10yr61	MCL C SCL	2 1 1	1 1 1	xxx x	yes no	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 24.476	MBP -8.258	Grade 2
SP1B-39 479500 373594	28 100	Dk Gr Br Rd Br	10yr42 5yr44		HZCL C	1	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 13.296	MBP -4.704	Grade 2
SP1B-40 479600 373598	28 42 65	Dk Yl Br Rd Br Rd Br + Gr	10yr44 5yr44 5yr44	10yr61	C C C	5 1 1	1 1 1	xxx xxx	yes yes	III	3b	3a	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 5.241	MBP -12.544	Grade 3a
SP1B-41 479708 373605	29 58 100	Dk Gr Br Br Rd Br	10yr42 10yr53 5yr44		SCL SC C	1 2 2	1 1 2	xxx xxx	yes yes	III	3a	3a	3a	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 7.692	MBP -10.8	Grade 3a
SP1B-42 479800 373598	26 52 80	Dk Yl Br Rd Br Gr + Rd Br	10yr44 5yr44 10yr61	5yr44	MCL C C	2 1 1	1 1 1	xxx xxx	yes yes	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 8.373	MBP -9.412	Grade 2
SP1B-43 479896 373598	32 55 100	Dk Gr Br Br Rd Br	10yr42 10yr53 5yr44		MZCL SC C	1 1	1 1	xxx xxx	yes yes	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 15.8705	MBP -2.652	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
SP1B-44 480000 373598	32	Dk Yl Br	10yr44		MCL	3	1			III	3a	2	3a	WE
	74	Rd Br + Gr	5yr44	10yr61	C	1	1	xxx	yes	Droughtiness Calculation				
	120	Pi Gr + Gr	75yr62	10yr61	C	1	1	xxx	yes	MDW 117	MDP 112	MBW 10.697	MBP -7.088	Grade 2
SP1B-45 479497 373501	25	Dk Gr Br	10yr42		HZCL	1	1			III	3b	2	3b	WE
	100	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.55	MBP -6.45	Grade 2
SP1B-46 479601 373504	28	Dk Gr Br	10yr42		SCL	1	1			III	3a	3a	3a	DR,WE
	50	Br	10yr53		SCL-SC	2	1	xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 7.224	MBP -10.776	Grade 3a
SP1B-47 479693 373497	34	Dk Gr Br	10yr42		SCL	1	1			II	2	2	2	DR,WE
	60	Br	10yr53		SCL	1	1	xxx	no	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 15.937	MBP -3.108	Grade 2
SP1B-48 479800 373502	29	Dk Gr Br	10yr42		SCL	1	1			III	3a	2	3a	WE
	40	Rd Br	5yr44		SCL	1	1	xxx	no	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 10.182	MBP -7.818	Grade 2
SP1B-49 479901 373495	31	Dk Gr Br	10yr42		SCL	1	1			III	3a	3a	3a	DR,WE
	100	Br + Rd Br	10yr53	5yr44	C	3	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 6.855	MBP -10.5	Grade 3a
SP1B-50 480002 373495	27	Dk Gr Br	10yr42		SCL	1	1			II	2	2	2	DR,WE
	100	Br	10yr53		SCL	1	1	xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 31.981	MBP -2.634	Grade 2
SP1B-51 479500 373394	33	Dk Gr Br	10yr42		SCL	1	1			II	2	2	2	DR,WE
	70	Br	10yr53		SC	1	1	xxx	no	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 11.318	MBP -8.772	Grade 2
SP1B-52 479600 373398	33	Dk Yl Br	10yr44		MCL	2	1			III	3a	2	3a	WE
	65	Yl Rd + Gr	5yr56	10yr61	C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.719	MBP -6.066	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
SP1B-53 479695 373395	35	Dk Gr Br	10yr42		MZCL	1	1			III	3a	2	3a	WE
	55	Br	10yr53		SC	2	1	xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		C	5	6	xxx	yes	MDW 117	MDP 112	MBW 16.785	MBP -1.485	Grade 2
SP1B-54 479800 373398	36	Dk Yl Br	10yr44		MCL	5	1			III	3a	2	3a	WE
	80	Yl Rd + Gr	5yr56	10yr61	C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.317	MBP -6.468	Grade 2
SP1B-55 479902 373404	32	Dk Gr Br	10yr42		SCL	1	1			III	3a	2	3a	WE
	100	Rd Br	5yr44		C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 8.617	MBP -9.168	Grade 2
SP1B-56 479499 373299	29	Dk Gr Br	10yr42		SCL	1	1			III	3a	2	3a	WE
	100	Br	10yr53		SCL-SC	5	1	xxx	borderline	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 28.541	MBP -4.534	Grade 2
SP1B-57 479595 373298	30	Dk Gr Br	10yr42		SCL	1	1			III	3a	3a	3a	DR,WE
	60	Br	10yr53		SC	2	1	xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 8.89	MBP -10.2	Grade 3a
SP1B-58 479703 373300	36	Dk Gr Br	10yr42		MZCL	1	1			III	3a	2	3a	WE
	100	Br	10yr53		SC	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 24.259	MBP -0.456	Grade 2
SP1B-59 479797 373308	30	Dk Gr Br	10yr42		MZCL	1	1			III	3a	2	3a	WE
	100	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 14.46	MBP -3.54	Grade 2
SP1B-60 479906 373301	30	Dk Gr Br	10yr42		SCL	1	1			III	3a	2	3a	WE
	50	Br	10yr53		SCL	1	1	xxx	no	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 12.24	MBP -5.76	Grade 2
SP1B-61 479992 373302	40	Bk	10yr21		MZCL	1	1			III	3a	2	3a	WE
	100	Br	10yr53		SCL-SC			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 27.28	MBP 2.28	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
SP2A-1 480499 373099	32	Dk Gr Br	10yr42		HCL	1	1			I	2	3a	3a	DR
	120	Pl Br	10yr63		LMS	1	1	xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW -13.8072	MBP -27.8272	Grade 3a
SP2A-2 480601 373098	38	Dk Gr Br	10yr42		HCL	1	1			I	2	3a	3a	DR
	120	Li Yl Br	10yr64		LMS			xx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW -7.006	MBP -21.206	Grade 3a
SP2A-3 480701 373101	33	Dk Gr Br	10yr42		HCL	1	1			III	3b	3a	3b	WE
	65	Pl Br	10yr63		C			xxx	yes	Droughtiness Calculation				
	120	Gr	10yr51		MS			xxx	yes	MDW 117	MDP 112	MBW -3.561	MBP -8.761	Grade 3a
SP2A-4 480796 373101	33	Dk Br	75yr32		HCL	1	1			III	3b	2	3b	WE
	70	Br + Gr	75yr44	25y51	HCL			xxx	yes	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 24.039	MBP 6.039	Grade 2
SP2A-5 480500 373001	30	Dk Gr Br	10yr42		HCL	1	1			III	3b	2	3b	WE
	100	Li Br Gr	10yr62		SC			xxx	yes	Droughtiness Calculation				
	120	Pl Br	10yr63		MS			xx(x)	no	MDW 117	MDP 112	MBW 10.49	MBP -6.51	Grade 2
SP2A-6 480600 372998	34	Dk Br	75yr34		MCL					II	2	2	2	DR,WE
	49	Br + Pl Br	75yr44	10yr63	SCL	1	1	xxx	no	Droughtiness Calculation				
	98	Br + Pl Br	75yr44	10yr63	MSL			xxx	no	MDW 117	MDP 112	MBW 31.35	MBP 2.99	Grade 2
	120	St Br	75yr56		LMS			xxx	no					
SP2A-7 480696 373007	31	Dk Gr Br	10yr42		SCL	1	1			III	3a	2	3a	WE
	100	Pl Br	10yr63		SC			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 15.904	MBP -9.096	Grade 2
SP2A-8 480800 372998	28	Dk Br	75yr33		SCL					II	2	3a	3a	DR
	53	Pl Br + Pl Br	10yr63	10yr63	SCL	2	1	xxx	no	Droughtiness Calculation				
	85	St Br + Pi Gr	75yr46	75yr62	LMS			xxx	no	MDW 117	MDP 112	MBW 19.787	MBP -15.36	Grade 3a
	120	St Br + Gr	75yr46	10yr61	MSZL			xxx	no					
SP2A-9 480493 372903	30	Dk Br	75yr32		HCL	1	1			III	3b	2	3b	WE
	60	Br	75yr44		HCL			xxx	yes	Droughtiness Calculation				
	80	Yl Br	10yr54		MSL			xxx	no	MDW 117	MDP 112	MBW 44.49	MBP 4.49	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
SP2A-10 480604 372910	32	Dk Br	75yr32		SCL	1	1			II	2	2	2	DR,WE
	80	Br + Rd Br	75yr44	25yr44	SCL			xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 33.888	MBP -1.112	Grade 2
SP2A-11 480702 372899	30	Dk Gr Br	10yr42		HCL	1	1			II	3a	2	3a	WE
	70	Yl Br + Gr Br	10yr54	10yr52	SCL	1	1	xxx	no	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 21.02	MBP 0.93	Grade 2
SP2A-12 480791 372889	35	Dk Br	75yr32		SCL	1	1			II	2	2	2	DR,WE
	65	Br	75yr44		HCL	1	1	xxx	borderline	Droughtiness Calculation				
	90	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 19.0725	MBP 0.99	Grade 2
SP2A-13 480503 372797	33	Dk Gr Br	10yr42		HCL	1	1			III	3b	2	3b	WE
	100	Li Br Gr	10yr62		SC			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 19.939	MBP -5.061	Grade 2
SP2A-14 480600 372798	34	Dk Gr Br	10yr42		SCL					I	1	3a	3a	DR
	43	St Br + Pl Br	75yr46	10yr63	MSL		1	o	no	Droughtiness Calculation				
	93	St Br + Pi Gr	75yr56	75yr62	LMS			xxx	no	MDW 117	MDP 112	MBW -1.12	MBP -21.26	Grade 3a
SP2A-15 480702 372806	120	Dk Rd Br	5yr32		C			xxx	no	Droughtiness Calculation				
	33	Dk Gr Br	10yr42		HCL	1	1			II	3a	3a	3a	DR,WE
	55	Yl Br + Gr Br	10yr54	10yr52	SCL			xxx	no	Droughtiness Calculation				
SP2B-1 480207 373394	80	Li Yl Br	10yr64		MS			xx	no	MDW 117	MDP 112	MBW 10.339	MBP -11.761	Grade 3a
	120	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 43.28	MBP 8.28	Grade 2
SP2B-2 480087 373296	40	V Dk Gr Br	10yr32		HZCL	1	1			I	2	2	2	DR,WE
	60	Br	10yr53		SCL			xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 43.28	MBP 8.28	Grade 2
SP2B-3 480087 373296	31	Dk Rd Br	5yr32		MZCL	1	1			II	2	2	2	DR,WE
	65	Br	75yr42		SCL			xxx	no	Droughtiness Calculation				
	80	Rd Br	5yr44		HCL			xxx	yes	MDW 117	MDP 112	MBW 39.842	MBP 5.342	Grade 2
SP2B-3 480207 373296	29	Dk Rd Br	5yr32		MZCL	1	1			II	2	2	2	DR,WE
	60	Br	75yr42		SCL	2	9	xxx	no	Droughtiness Calculation				
	80	Rd Br	5yr44		MSL			xxx	no	MDW 117	MDP 112	MBW 19.718	MBP 3.458	Grade 2
	100	Rd Br	5yr44		LMS			o	no	Droughtiness Calculation				

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
SP2B-4 480292 373311	32	Dk Rd Br	5yr32		MZCL	1	1			II	2	1	2	WE
	75	Gr Br	25y52		MZCL			xxx	no	Droughtiness Calculation				
	85	Rd Br	5yr44		HZCL			xxx	yes	MDW 117	MDP 112	MBW 43.824	MBP 12.824	Grade 1
SP2B-5 480102 373202	31	Dk Br	75yr32		HZCL	1	1			III	3b	2	3b	WE
	85	Rd Br + Gr	5yr44	10yr51	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 15.042	MBP -2.958	Grade 2
SP2B-6 480200 373200	35	V Dk Gr Br	10yr32		SCL					II	2	2	2	DR,WE
	57	Ol Br	25y44		MSL			xx		Droughtiness Calculation				
	74	Br + Br	10yr53	75yr44	C	2	8	xxx	no	MDW 117	MDP 112	MBW 22.996	MBP -2.886	Grade 2
	90	Br + Br	75yr44	75yr53	MSL			xx	yes					
SP2B-7 480296 373200	120	Gn Gr	5gy61		C				no					
	31	Dk Br	75yr32		MZCL	1	1			II	2	2	2	DR,WE
	55	Rd Br	5yr44		SCL			xxx	no	Droughtiness Calculation				
	65	Yl Br + Gr	10yr54	10yr51	MSL			xxx	no	MDW 117	MDP 112	MBW 24.342	MBP 3.842	Grade 2
SP2C-1 480600 373598	80	Rd Br	5yr44		C			xxx	yes					
	28	Br	75yr42		HZCL					III	3b	2	3b	WE
	50	Li Br	75yr64		FSZL			xx(x)	no	Droughtiness Calculation				
	100	Gr	75yr51		C	10	2	xxx	yes	MDW 117	MDP 112	MBW 27.9	MBP 11.4	Grade 2
SP2C-2 480699 373599	30	Dk Gr Br	10yr42		HCL					III	3b	3a	3b	WE
	54	Pl Br	10yr63		SC	1	3	xxx	no	Droughtiness Calculation				
	100	Pl Br	10yr63		MS	1	1	xx(x)	no	MDW 117	MDP 112	MBW -7.8416	MBP -18.1328	Grade 3a
SP2C-3 480800 373598	29	Br	75yr42		HZCL	2	1			I	2	3a	3a	DR
	63	Gr	75yr51		MSL	15	2	o	no	Droughtiness Calculation				
	80	Rd Br	5yr43		LMS	15	2	o	no	MDW 117	MDP 112	MBW 0.377	MBP -8.528	Grade 3a
	100	St Br	75yr56		MS	2	1	o	no					
SP2C-4 480403 373503	31	Dk Br	75yr32		MZCL	1	1			II	2	2	2	DR,WE
	60	Li Br Gr	25y62		SCL			xxx	no	Droughtiness Calculation				
	80	Rd Br + Gr	5yr44	25y61	HCL			xxx	yes	MDW 117	MDP 112	MBW 39.842	MBP 5.842	Grade 2
SP2C-5 480501 373501	35	Dk Br	75yr32		HZCL	1	1			II	3a	2	3a	WE
	60	Li Br Gr + Rd Br	25y62	25yr44	SCL			xxx	no	Droughtiness Calculation				
	75	Rd Br + Gr	5yr44	25y61	MSL			xxx	yes	MDW 117	MDP 112	MBW 29.37	MBP 6.37	Grade 2
	85	Gr	25y51		C			xxx	yes					

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
SP2C-6 480603 373490	29	Dk Br	75yr32		MZCL	1	1			II	2	2	2	DR,WE
	80	Rd Br	5yr44		MSL			xxx	no	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 30.078	MBP 4.078	Grade 2
SP2C-7 480700 373497	27	Dk Gr Br	10yr42		HCL					III	3b	3a	3b	WE
	50	Pl Br	10yr63		SC			xxx	yes	Droughtiness Calculation				
	100	Pl Br	10yr63		MS			xx(x)	no	MDW 117	MDP 112	MBW -10.5	MBP -22.3	Grade 3a
SP2C-8 480800 373500	40	Dk Gr Br	10yr42		ZL	1	1			I	1	2	2	DR
	65	Gr	10yr51		MS			x	no	Droughtiness Calculation				
	100	Pl Br	10yr63		SCL			xxx	no	MDW 117	MDP 112	MBW 40.72	MBP 0.62	Grade 2
SP2D-1 480299 373503	32	V Dk Br	10yr22		HCL	1	1			II	3a	2	3a	WE
	73	Pl Br	10yr63		SCL	1	1	xxx	no	Droughtiness Calculation				
	87	Pl Br	10yr63		CSL			o	no	MDW 117	MDP 112	MBW 28.0855	MBP 1.524	Grade 2
	120	Gn Gr	5gy51		C			xxx	yes					
SP2D-2 480299 373401	28	V Dk Br	10yr22		HCL	1	1			II	3a	2	3a	WE
	71	V Pl Br	10yr83		SCL	1	1	xxx	no	Droughtiness Calculation				
	120	Rd Br	5yr54		C			xxx	yes	MDW 117	MDP 112	MBW 20.7165	MBP 0.336	Grade 2
SP2D-3 480400 373398	22	Br	75yr43		HZCL	2	1			III	3b	2	3b	WE
	55	Gr	75yr61		HZCL	15	2	xxx	yes	Droughtiness Calculation				
	100	Rd Br + Gr	5yr43	75yr61	C	15	2	xxx	yes	MDW 117	MDP 112	MBW 10.753	MBP -4.572	Grade 2
SP2D-4 480505 373401	28	V Dk Br	10yr22		HCL	1	1			III	3b	2	3b	WE
	52	Pl Br	10yr63		C	1	1	xxx	yes	Droughtiness Calculation				
	120	Pl Br	10yr63		CSL			o	no	MDW 117	MDP 112	MBW 37.447	MBP -2.364	Grade 2
SP2D-5 480600 373398	37	V Dk Gr Br	10yr32		SCL	1	1			I	1	3a	3a	DR
	62	St Br	75yr46		LMS			x	no	Droughtiness Calculation				
	120	Rd Br	5yr44		FSL			o	no	MDW 117	MDP 112	MBW 35.828	MBP -17.292	Grade 3a
SP2D-6 480693 373400	28	Dk Br	75yr32		HCL	1	1			III	3b	3a	3b	WE
	46	Rd Br	5yr44		LMS			xxx	no	Droughtiness Calculation				
	80	Rd Br	5yr43		C			xxx	yes	MDW 117	MDP 112	MBW 0.084	MBP -17.916	Grade 3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
SP2D-16 480498 373206	27 120	V Dk Br Gn Gr	10yr22 5gy51		HCL C	1	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 10.041	MBP -7.959	Grade 2
SP2D-17 480600 373198	26 60	Dk Yl Br St Br + Li Gr	10yr34 75yr46	75yr71	HCL C	1	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 9.558	MBP -8.442	Grade 2
SP2D-18 480700 373204	26 80 90	Dk Br Rd Br Rd Br	75yr32 5yr44 5yr43		MCL HCL MSL	1	1	xxx xxx	yes no	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 41.758	MBP 4.758	Grade 2
SP2E-1 481000 373395	30 76 95 120	Dk Br St Br St Br + Pi Gr St Br	75yr33 75yr46 75yr46	75yr62	MSL MSL LMS MS			o o o	no no no	I	1	2	2	DR
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.72	MBP -1	Grade 2
SP2E-2 480997 373303	32 60 100	Dk Gr Br Dk Yl Br Dk Yl Br	10yr42 10yr44 10yr44		MSL MSL SCL	3 2 2	1 1 1	xxx xxx	no yes	II	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 32.01	MBP -3.2	Grade 2
SP2E-3 481099 373297	32 100	Dk Gr Br Br	10yr42 10yr43		MSL MSL	3 10	1 1	xxx	no	II	2	2	2	DR,WE
										Droughtiness Calculation				
SP2E-4 481199 373299	35 60 100	Dk Gr Br Gr Br Gr	10yr42 10yr52 10yr51		MSL MSL C	3 3	1 1	xxx xxx	no yes	II	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 15.375	MBP -4.73	Grade 2
SP2E-5 481296 373299	30 65 100	Dk Gr Br Br Gr	10yr42 10yr43 10yr51		MSL MSL SCL	3 2 2	1 1 1	xxx xxx	no yes	II	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 32.14	MBP -3.56	Grade 2
SP2E-6 481374 373300	30 100	Dk Gr Br Dk Br	10yr42 75yr33		MSL MSL	3 5	1 1	xxx	no	II	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 34.485	MBP -5.24	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
SP2E-7 481491 373297	36	V Dk Gr Br	10yr32		ZC					III	3b	2	3b	WE
	60	Dk Gr + Yl Br	10yr41	10yr54	ZC			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 10	MBP -10	Grade 2
SP2E-8 480820 373202	30	Dk Br	75yr32		MCL	1	1			II	2	2	2	DR,WE
	60	Br	75yr44		MCL			xxx	no	Droughtiness Calculation				
	80	Rd Br	5yr44		HCL			xxx	yes	MDW 117	MDP 112	MBW 26.49	MBP 5.49	Grade 2
	100	Rd Br	5yr44		C			xxx	yes					
SP2E-9 480900 373199	31	Dk Br	75yr32		MCL	1	1			II	2	2	2	DR,WE
	50	Br	75yr44		SCL			xxx	no	Droughtiness Calculation				
	70	Rd Br	5yr44		MSL			xxx	no	MDW 117	MDP 112	MBW 8.613	MBP 1.773	Grade 2
	85	Rd Br	25yr44		MS	2	9	xxx	no					
SP2E-10 481000 373198	27	Dk Br	75yr33		MSL	2	1			I	1	3b	3b	DR
	65	Br	75yr43		LMS	3	1	o	no	Droughtiness Calculation				
	120	St Br	75yr46		MS			o	no	MDW 117	MDP 112	MBW -26.8436	MBP -37.5336	Grade 3b
	120	Rd Br	5yr54		MS			o	no					
SP2E-11 481105 373196	31	Dk Gr Br	10yr42		MSL	3	1			II	2	2	2	DR,WE
	100	Gr Br	10yr52		MSL	5	1	xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 34.707	MBP -5.018	Grade 2
SP2E-12 481200 373198	31	Dk Br	75yr32		MSL	3	1			I	1	3a	3a	DR
	44	Br + Gr	75yr43	75yr51	MSL	3	1	xxx	no	Droughtiness Calculation				
	120	Br + Pi Gr	75yr53	75yr62	LMS	3	1	o	no	MDW 117	MDP 112	MBW -9.9532	MBP -23.6132	Grade 3a
SP2E-13 481300 373198	30	Dk Gr Br	10yr42		HZCL	3	1			III	3b	2	3b	WE
	100	Dk Gr	10yr41		SC	2	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 18.85	MBP -5.58	Grade 2
SP2E-14 481391 373198	32	Dk Br	75yr33		MSL	2	1			I	1	3b	3b	DR
	62	Br + Pi Gr	75yr53	75yr62	LMS			xxx	no	Droughtiness Calculation				
	120	Br	75yr44		MS	2	1	o	no	MDW 117	MDP 112	MBW -22.1216	MBP -32.6208	Grade 3b
SP2E-15 481500 373200	29	V Dk Gr Br	10yr32		ZC					III	3b	3a	3b	WE
	50	Dk Gr	10yr41		ZC			xxx	yes	Droughtiness Calculation				
	75	Gr	10yr51		ZC			xxx	yes	MDW 117	MDP 112	MBW 6.5	MBP -13.5	Grade 3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
SP2E-16 481600 373198	27	Br	75yr44		C	1	1			III	3b	3a	3b	WE
	46	Br	75yr44		ZC	1	1	xx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 4.36	MBP -15.405	Grade 3a
SP2E-17 480901 373098	31	Dk Br	75yr32		MSL	1	1			II	2	2	2	DR,WE
	70	Br	75yr44		MSL	4	1	xxx	no	Droughtiness Calculation				
	90	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 18.8	MBP -3.48	Grade 2
SP2E-18 480999 373099	30	Dk Br	75yr32		MSL	1	1			III	3a	3a	3a	DR,WE
	50	Gr Br	10yr52		MSL			xxx	no	Droughtiness Calculation				
	63	Br	75yr54		SC			xxx	yes	MDW 117	MDP 112	MBW 1.28	MBP -9.54	Grade 3a
	100	Rd Br	5yr44		LMS			xxx	no					
SP2E-19 481098 373101	31	Dk Gr Br	10yr42		MSL	3	1			III	3a	2	3a	DR,WE
	100	Dk Br	10yr33		SCL	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 31.781	MBP -2.834	Grade 2
SP2E-20 481203 373100	35	Dk Gr Br	10yr42		MSL	3	1			II	2	2	2	DR,WE
	100	Dk Br	10yr33		MSL	2	1	xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 38.43	MBP -2.66	Grade 2
SP2E-21 481299 373101	34	Dk Gr Br	10yr42		MCL	3	1			II	2	2	2	DR,WE
	70	Gr	10yr51		SCL	5	1	xxx	no	Droughtiness Calculation				
	108	Gr	10yr51		SC	2	1	xxx	yes	MDW 117	MDP 112	MBW 23.646	MBP -1.054	Grade 2
SP2E-22 481399 373095	28	Dk Gr Br	10yr42		MSL	3	1			II	2	2	2	DR,WE
	100	Dk Br	75yr33		MSL	3	1	xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 36.127	MBP -4.508	Grade 2
SP2E-23 481504 373098	29	V Dk Gr Br	10yr32		ZC					III	3b	3a	3b	WE
	60	Dk Gr + Gr Br	10yr41	10yr52	ZC			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 6.5	MBP -13.5	Grade 3a
SP2E-24 481606 373099	30	V Dk Gr Br	10yr32		ZC					III	3b	3a	3b	WE
	60	Dk Gr	10yr41		ZC			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 7	MBP -13	Grade 3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
SP2E-25 480900 372997	31	Dk Br	75yr32		MSL	1	1			II	2	2	2	DR,WE
	60	Br	75yr44		SCL			xxx	no	Droughtiness Calculation				
	85	Rd Br	5yr44		MSL			xxx	no	MDW 117	MDP 112	MBW 33.704	MBP -1.296	Grade 2
SP2E-26 481000 372998	25	Dk Br	75yr34		HZCL	2	1			II	3a	2	3a	WE
	55	Br + Gr Br	75yr43	10yr52	HZCL	10	1	xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 31.45	MBP 3.9	Grade 2
SP2E-27 481098 372991	36	Dk Gr Br	10yr42		MSL	3	1			II	2	3a	3a	DR
	65	Br	10yr53		MSL	3	1	xxx	no	Droughtiness Calculation				
	100	Br	10yr53		MS	1	1	xxx	no	MDW 117	MDP 112	MBW 0.7135	MBP -7.47	Grade 3a
SP2E-28 481200 372998	27	Dk Br	75yr33		MSL					I	1	3a	3a	DR
	52	Br	75yr43		MSL			o	no	Droughtiness Calculation				
	84	Br + Pi Gr	75yr44	75yr62	LMS			o	no	MDW 117	MDP 112	MBW -4.64	MBP -15.64	Grade 3a
SP2E-29 481295 373001	30	Dk Gr Br	10yr42		MSL	3	1			III	3a	2	3a	DR,WE
	100	Gr Br	10yr52		SCL	5	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 27.835	MBP -5.24	Grade 2
SP2E-30 481400 372998	38	Dk Br	75yr33		MSL	2	1			I	1	3a	3a	DR
	56	Dk Rd Br	5yr34		LMS			o	no	Droughtiness Calculation				
	120	Br + V Dk Br	75yr44	10yr22	LMS			o	no	MDW 117	MDP 112	MBW -11.376	MBP -25.576	Grade 3a
SP2E-31 481487 372994	30	V Dk Gr Br	10yr32		ZC					III	3b	3a	3b	WE
	60	Dk Gr + Yl Br	10yr41	10yr54	ZC			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 7	MBP -13	Grade 3a
SP2E-32 481600 372998	28	Br	75yr44		C	1	1			III	3b	3a	3b	WE
	100	Br + Gr Br	75yr44	10yr52	C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 7.033	MBP -10.752	Grade 3a
SP2E-33 480901 372898	31	Dk Br	75yr32		MSL	1	1			II	2	2	2	DR,WE
	65	Br	75yr44		MSL			xxx	no	Droughtiness Calculation				
	80	Rd Br	5yr44		LMS			xxx	no	MDW 117	MDP 112	MBW 15.404	MBP -5.196	Grade 2
	100	Rd Br	5yr44		C			xxx	yes					

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
SP2E-34 481002 372899	33	Dk Br	75yr32		MSL	1	1			II	2	3a	3a	DR
	45	Br	75yr44		MSL			xxx	no	Droughtiness Calculation				
	100	Br	75yr54		LMS			xxx	no	MDW 117	MDP 112	MBW -6.228	MBP -20.428	Grade 3a
SP2E-35 481106 372898	34	Dk Br	75yr32		MSL	1	1			II	2	2	2	DR,WE
	80	Br	75yr44		MSL			xxx	no	Droughtiness Calculation				
	90	Br	75yr54		MSL			xxx	no	MDW 117	MDP 112	MBW 41.256	MBP -0.744	Grade 2
SP2E-36 481200 372888	30	Dk Gr Br	10yr42		MSL	3	1			II	2	2	2	DR,WE
	75	Br	10yr43		MSL	2	1	xxx	no	Droughtiness Calculation				
	100	Br	10yr43		MSL	1	1	xxx	no	MDW 117	MDP 112	MBW 38.0025	MBP -3.56	Grade 2
SP2E-37 481296 372902	29	Dk Gr Br	10yr42		MSL	3	1			II	2	2	2	DR,WE
	60	Gr Br	10yr52		MSL	7	1	xxx	no	Droughtiness Calculation				
	100	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 12.615	MBP -7.63	Grade 2
SP2E-38 481402 372901	29	Dk Gr Br	10yr42		MSL	3	1			II	2	2	2	DR,WE
	100	Gr Br	10yr52		MSL	5	1	xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 34.263	MBP -5.462	Grade 2
SP2E-39 481500 372896	30	V Dk Gr Br	10yr32		ZC					III	3b	3a	3b	WE
	48	Dk Gr	10yr41		ZC			xxx	yes	Droughtiness Calculation				
	75	Gr	10yr51		ZC			xxx	yes	MDW 117	MDP 112	MBW 7	MBP -13	Grade 3a
SP2E-40 481602 372901	33	V Dk Gr Br	10yr32		ZC					III	3b	3a	3b	WE
	60	Dk Gr	10yr41		ZC			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 8.5	MBP -11.5	Grade 3a
SP2E-41 480804 372798	25	V Dk Gr Br	10yr32		HCL	2	1			II	3a	2	3a	WE
	47	Gr Br	10yr52		SCL	1	1	xxx	no	Droughtiness Calculation				
	80	Pi Gr + Gr	75yr62	75yr61	SCL	2	1	xxx	no	MDW 117	MDP 112	MBW 41.688	MBP -1.302	Grade 2
	100	Pi Gr	75yr62		FS			xxx	no					
SP2E-42 480806 372797	26	Dk Br	75yr32		HCL	1	1			III	3b	2	3b	WE
	60	Br	75yr44		HCL			xxx	yes	Droughtiness Calculation				
	70	Rd Br	5yr44		C			xxx	yes	MDW 117	MDP 112	MBW 19.758	MBP 1.758	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
SP2E-43 480904 372798	32	Dk Br	75yr32		MCL	1	1			II	2	2	2	DR,WE
	100	Br	75yr44		MCL	3	9	xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 36.792	MBP 4.602	Grade 2
SP2E-44 481000 372798	30	Dk Br	75yr34		MSL	3	1			II	2	2	2	DR,WE
	48	Br + Gr Br	75yr44	10yr52	MSL	3	1	xxx	no	Droughtiness Calculation				
	64	Dk Gr Br + Pi Gr	10yr42	75yr62	SCL	5	1	xxx	no	MDW 117	MDP 111	MBW 11.604	MBP -6.776	Grade 2
	90	St Br	75yr56		MSL	5	1	xxx	no					
	120	St Br	75yr56		LMS	5								
SP2E-45 481101 372799	34	Br	75yr42		MSL	1	1			I	1	2	2	DR
	90	Br	75yr44		MSL			o	no	Droughtiness Calculation				
	100	Br	75yr54		MSL	4	9	o	no	MDW 117	MDP 111	MBW 40.296	MBP 0.256	Grade 2
SP2E-46 481200 372798	32	Dk Br	75yr33		MSL	2	1			I	1	3b	3b	DR
	44	St Br	75yr46		LMS	15	1	o	no	Droughtiness Calculation				
	55	St Br + Pi Gr	75yr46	75yr62	LMS	3	1	o	no	MDW 117	MDP 111	MBW -23.5972	MBP -34.0272	Grade 3b
	120	Rd Br	5yr54		MS			o	no					
SP2E-47 481295 372805	30	Dk Gr Br	10yr42		MSL	3	1			II	2	2	2	DR,WE
	100	Gr Br	10yr52		MSL	5	1	xxx	no	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 34.485	MBP -4.24	Grade 2
SP2E-48 481400 372800	32	Dk Br	75yr33		MCL					III	3a	2	3a	WE
	50	St Br + Gr	75yr46	75yr51	HCL			xxx	no	Droughtiness Calculation				
	85	St Br + Pi Gr	75yr46	75yr62	HCL	3	1	xxx	yes	MDW 117	MDP 111	MBW 26.765	MBP 6.5	Grade 2
	120	Dk Rd Br	5yr34		C	5	1	xxx	yes					
SP2E-49 481503 372799	30	Dk Rd Br	5yr32		SCL	1	1			III	3b	2	3b	WE
	75	Rd Gr	5yr52		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 8.52	MBP -8.48	Grade 2
SP2E-50 481600 372800	25	Br	75yr44		C	1	1			III	3b	3a	3b	WE
	86	Br	75yr44		C	1	1	xxx	yes	Droughtiness Calculation				
	120	St Br + Br	75yr46	75yr52	SC	1	1	xxx	no	MDW 117	MDP 111	MBW 9.211	MBP -10.94	Grade 3a
SP3A-1 480301 373102	32	Dk Br	75yr32		HCL	1	1			III	3b	2	3b	WE
	55	Gr + Yl Br	25y61	10yr54	MCL			xxx	no	Droughtiness Calculation				
	80	Rd Br + Gr	5yr43	25y51	HCL			xxx	yes	MDW 117	MDP 111	MBW 38.856	MBP 6.856	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
SP3A-2 480391 373103	29	Dk Br	75yr32		HCL	1	1			III	3b	2	3b	WE
	60	Br	75yr54		C			xxx	yes	Droughtiness Calculation				
	75	Rd Br	25yr54		MSL	2	2	xxx	no	MDW	MDP	MBW	MBP	Grade
	90	Rd Br + Gr	5yr44	25y51	C			xxx	yes	117	111	16.737	-4.233	2
SP3A-3 480200 372998	28	V Dk Gr	10yr31		Org L	2	1			II	2	1	2	WE
	50	Gr + Wh	10yr61	n8	MSZL	1	1	x	no	Droughtiness Calculation				
	64	St Br	75yr56		MS	1	1	x	no	MDW	MDP	MBW	MBP	Grade
	100	Gr + Yl Br	10yr61	10yr58	ZC	1	1	xxx	yes	117	111	41.3216	17.8428	1
SP3A-4 480298 372999	25	Dk Br	75yr32		HCL	1	1			III	3b	3a	3b	WE
	55	Yl Br + Gr	10yr56	25y51	C			xxx	yes	Droughtiness Calculation				
	65	Yl Br	10yr54		MS			xxx	no	MDW	MDP	MBW	MBP	Grade
	100	Rd Br	25yr44		C			xxx	yes	117	111	6.075	-15.325	3a
SP3A-5 480400 372998	28	Br	75yr44		HCL	1	1			III	3b	2	3b	WE
	45	Br Yl	10yr66		HCL	1	1	xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										117	111	37.129	5.494	2
SP3A-6 480198 372897	27	Dk Br	75yr32		C	1	1			III	3b	3a	3b	WE
	60	Rd Br + Gr	5yr44	25y51	C			xxx	yes	Droughtiness Calculation				
	100	Gr	25y51		C			xxx	yes	MDW	MDP	MBW	MBP	Grade
										117	111	7.368	-9.632	2
SP3A-7 480299 372901	28	Dk Br	75yr32		HCL	1	1			II	3a	3a	3a	DR,WE
	42	Br	75yr44		HCL			xxx	no	Droughtiness Calculation				
	68	Yl Br	10yr54		LMS			xxx	no	MDW	MDP	MBW	MBP	Grade
	100	Rd Br	25yr44		C			xxx	yes	117	111	6.124	-17.356	3a
SP3A-8 480391 372899	31	Dk Br	75yr32		HCL	1	1			III	3b	2	3b	WE
	80	Br + Rd Br	75yr54	25yr54	C			xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										117	111	11.973	-5.027	2
STD1A-1 480099 371905	32	Dk Rd Gr	25yr41		HCL	2	1			III	3b	2	3b	WE
	100	Rd Br	25yr43		C	1	1	xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										117	111	11.241	-5.544	2
STD1A-2 480200 371903	29	Dk Br	75yr32		HCL	1	1			III	3b	2	3b	WE
	53	Br	75yr52		SC	1	1	xxx	no	Droughtiness Calculation				
	71	Gr	10yr61		C	1	1	xxx	yes	MDW	MDP	MBW	MBP	Grade
	100	Wk Rd	10r43		C			xxx	yes	117	111	10.9155	-6.485	2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
STD1A-3 480298 371904	28	Gr	10yr51		HCL	2	1			III	3b	2	3b	WE
	100	Gr	n6		C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 9.329	MBP -7.456	Grade 2
STD1A-4 480097 371803	30	Rd Gr	25yr51		HCL	2	1			III	3b	2	3b	WE
	50	Pi Gr	75yr62		HCL	1	1	xxx	no	Droughtiness Calculation				
	80	Gr	75yr61		C			xxx	yes	MDW 117	MDP 111	MBW 16.68	MBP -0.32	Grade 2
	100	Gr + Rd Br	75yr61	25yr53	C			xxx	yes					
STD1A-5 480202 371807	28	Dk Gr	75yr41		HCL	2	1			III	3b	2	3b	WE
	73	Gr	75yr51		C	1	1	xxx	yes	Droughtiness Calculation				
	100	Wk Rd	10r53		C	1	1	xxx	yes	MDW 117	MDP 111	MBW 9.329	MBP -7.456	Grade 2
STD1A-6 480302 371799	27	Dk Gr	10yr41		HCL	1	1			III	3b	2	3b	WE
	100	Gr Br	10yr52		C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 9.31	MBP -8.475	Grade 2
STD1A-7 480030 371713	33	Dk Yl Br	10yr44		C	1	1			III	3b	2	3b	WE
	100	Rd Br	5yr44		C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 9.013	MBP -8.772	Grade 2
STD1A-8 480098 371701	27	V Dk Gr Br	10yr32		C	2	1			III	3b	3a	3b	WE
	100	Rd Br	25yr54		C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 6.205	MBP -11.58	Grade 3a
STD1A-9 480197 371704	28	Dk Br	75yr32		HCL	1	1			III	3b	2	3b	WE
	100	Rd Br	5yr43		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 10.524	MBP -7.476	Grade 2
STD1A-10 480290 371717	28	Gr	10yr51		HCL	1	1			III	3b	2	3b	WE
	100	Gr	10yr61		C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 9.805	MBP -7.98	Grade 2
STD1B-1 480198 371604	28	V Dk Gr Br	10yr32		C	2	1			III	3b	3a	3b	WE
	100	Rd Br	25yr43		C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 6.585	MBP -11.2	Grade 3a

Name	Depth (cm)	Colour	Munsell 1 Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
STD1B-2 480199 371503	33 100	Wk Rd Rd Br	25yr42 25yr43	MCL C	2 1	1 1	xxx	yes	III	3a	2	3a	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 11.719	MBP -6.066	Grade 2
STD1C-1 479900 371402	30 100	Dk Rd Gr Rd Br	25yr41 25yr43	HCL C	1 1	1 1	xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 10.795	MBP -6.99	Grade 2
STD1C-2 479998 371401	31 100	Dk Rd Gr Rd Br	25yr41 25yr44	C C	1 1	1 1	xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 8.221	MBP -9.564	Grade 2
STD1C-3 480101 371400	31 100	Rd Gr Gn Gr	25yr51 5gy61	C C	1 1	1 1	xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 8.221	MBP -9.564	Grade 2
STD1C-4 480199 371395	28 100	Dk Gr Gn Gr	10yr41 10y51	HCL C	2 1	1 1	xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 9.329	MBP -8.456	Grade 2
STD1C-5 479902 371304	23 100	V Dk Gr Br Rd Br	10yr32 25yr43	MCL C	2 1	1 1	xxx	yes	III	3a	3a	3a	DR,WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 6.939	MBP -10.846	Grade 3a
STD1C-6 479998 371302	21 100	V Dk Gr Rd Br	75yr31 25yr43	MCL C	2 1	1 1	xxx	yes	III	3a	3a	3a	DR,WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 5.983	MBP -11.802	Grade 3a
STD1C-7 480102 371301	28 100	V Dk Gr Rd Br	75yr31 25yr43	HCL C	2 1	1 1	xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 9.329	MBP -8.456	Grade 2
STD1C-8 479813 371209	31 51 100	Dk Gr Gn Gr Rd Br	75yr41 10y61 25yr43	C C C	2 1 1	1 1 1	xxx xxx	yes yes	III	3b	3a	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 7.725	MBP -10.06	Grade 3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
STJ1A-1 478509 373781	25 100	Gr Br	75yr51 75yr54		HCL SCL	1	1	xxx	no	II	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 35.075	MBP 0.075	Grade 2
STJ1A-2 478201 373706	27 100	Wk Rd Rd Br	25yr42 25yr54		HCL C	1	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 10.041	MBP -7.959	Grade 2
STJ1A-3 478300 373705	38 100	Dk Rd Gr Rd Br	25yr41 5yr54		HCL C	1	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 15.354	MBP -2.646	Grade 2
STJ1A-4 478396 373702	36 100	Gr Wk Rd + Rd Gr	5yr51	10r51	HCL	1	1	xxx	yes	III	3b	2	3b	WE
			10r54		C					Droughtiness Calculation				
										MDW 117	MDP 112	MBW 14.388	MBP -3.612	Grade 2
STJ1A-5 478498 373702	30 65 100	Dk Rd Gr Rd Gr Rd Br	25yr41	25yr51 25yr44	HCL	1	1	xxx	yes no	III	3b	2	3b	WE
					SC C			xxx		Droughtiness Calculation				
										MDW 117	MDP 112	MBW 12.99	MBP -6.51	Grade 2
STJ1A-6 478200 373598	31 120	Dk Yl Br Rd	10yr44	25yr46	HCL	1	1	xxx	yes	III	3b	2	3b	WE
					C					Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.973	MBP -6.027	Grade 2
STJ1A-7 478298 373597	30 100	Gr Wk Rd	5yr51	10r54	C	1	1	xxx	yes	III	3b	2	3b	WE
					C					Droughtiness Calculation				
										MDW 117	MDP 112	MBW 8.52	MBP -9.48	Grade 2
STJ1A-8 478400 373598	32 50 80	Dk Br Rd Br Rd Br	75yr33	5yr43 5yr44	SCL	1	1		no yes	III	3a	2	3a	WE
					SCL C	2 2	2 2	x xxx		Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.756	MBP -5.944	Grade 2
STJ1A-9 478502 373601	30 100	Wk Rd Wk Rd	25yr42	10r44	HCL	1	1	xxx	yes	III	3b	2	3b	WE
					C					Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.49	MBP -6.51	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
STJ1B-1 478801 373876	23 100	Dk Rd Gr Rd Gr	25yr41 25yr51		MSZL MSZL	2	1	xxx	no	III	2	1	2	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 48.772	MBP 10.772	Grade 1
STJ1B-2 478600 373800	23 60 120	Dk Yl Br Yl Br + Pl Br Rd Br	10yr44 10yr54 5yr44	10yr63	Org L SCL C	1 1	1	xxx xxx	no yes	II	1	1	1	
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 38.806	MBP 19.761	Grade 1
STJ1B-3 478704 373810	28 80 100	Rd Gr Rd Gr Rd Br + Wk Rd	25yr51 25yr61 25yr54	25yr52	MSZL SC C	2	1	xxx xxx	yes yes	III	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 15.792	MBP -5.208	Grade 2
STJ1B-4 478800 373798	23 80	Br Rd Br + Gn Gr	10yr53 5yr44	5gy51	MCL C	1 1	1	xxx	yes	III	3a	3a	3a	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 7.33	MBP -10.455	Grade 3a
STJ1B-5 478604 373702	32 100	Wk Rd Wk Rd	25yr42 10r54		HCL C	2	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.912	MBP -6.088	Grade 2
STJ1B-6 478707 373701	27 100	Wk Rd Rd Br	25yr42 25yr44		MCL C	2	1	xxx	yes	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 9.582	MBP -8.418	Grade 2
STJ1B-7 478802 373709	38 72 100	Dk Rd Gr Rd Gr Rd Br + Wk Rd	25yr41 25yr51 25yr44	25yr52	MSZL MCL HCL	2 1	1	xxx xxx	no yes	II	1	2	2	DR
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 42.643	MBP 9.552	Grade 2
STJ1B-8 478889 373694	31 68 88 100	Rd Gr Rd Gr Rd Gr + Wk Rd Wk Rd	5yr52 5yr52 25yr51 10r54	25yr52	MCL SCL HCL C	2	1	xx xxx xxx	no yes yes	II	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 26.646	MBP 1.446	Grade 2
STJ1B-9 478600 373598	26 50	Br Rd Br	10yr43 5yr54		MCL C	2 1	1	xxx	yes	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 8.373	MBP -9.412	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
STJ1B-10 478699 373607	31	Wk Rd	25yr42		FSZL	2	1			III	3a	1	3a	WE
	53	Rd Br	25yr53		MCL			xxx	no	Droughtiness Calculation				
	100	Wk Rd	10r54		C			xxx	yes	MDW 117	MDP 112	MBW 30.198	MBP 12.198	Grade 1
STJ1C-1 478202 373498	28	Gr	5yr61		C	2	1			III	3b	3a	3b	WE
	52	Rd Br + Gn Gr	25yr53	5gy51	C			xxx	yes	Droughtiness Calculation				
	100	Rd Br + Rd	5yr54	25yr56	C	5	3	xxx	no	MDW 117	MDP 112	MBW 5.604	MBP -11.506	Grade 3a
STJ1C-2 478301 373501	38	Dk Gr	5yr41		HCL	2	1			III	3b	2	3b	WE
	46	Gr	5yr51		C	1	1	xxx	yes	Droughtiness Calculation				
	100	Rd Br	25yr53		C			xxx	no	MDW 117	MDP 112	MBW 14.612	MBP -3.388	Grade 2
STJ1C-3 478400 373500	30	Dk Rd Gr	5yr42		C	2	1			III	3b	2	3b	WE
	50	Li Gr	n7		C			xxx	yes	Droughtiness Calculation				
	100	Rd Br	25yr53		C			xxx	no	MDW 117	MDP 112	MBW 8.04	MBP -9.96	Grade 2
STJ1C-4 478498 373509	35	Rd Gr	25yr51		MCL	2	1			III	3a	2	3a	WE
	48	Rd Br	5yr53		C	1	2	xxx	yes	Droughtiness Calculation				
	100	Rd Br	25yr54		C	1	2	xxx	no	MDW 117	MDP 112	MBW 12.81	MBP -5.04	Grade 2
STJ1C-5 478599 373506	32	Gr	5yr51		HCL	2	1			III	3b	2	3b	WE
	100	Rd Br	25yr54		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.912	MBP -6.088	Grade 2
STJ1C-6 478200 373400	34	Br	10yr43		HCL	1	1			III	3b	2	3b	WE
	120	Rd + Gn Gr	25yr46	5gy51	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 13.422	MBP -4.578	Grade 2
STJ1C-7 478304 373402	25	Br	10yr53		C	2	1			III	3b	3a	3b	WE
	100	Rd Br + Gr	25yr54	10yr61	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 6.2	MBP -11.8	Grade 3a
STJ1C-8 478400 373400	32	Br	10yr43		HCL	1	1			III	3b	2	3b	WE
	39	Yl Br	10yr54		C			xxx	yes	Droughtiness Calculation				
	50	Rd + Gn Gr	25yr46	5gy51	C	1	1	xxx	yes	MDW 117	MDP 112	MBW 11.869	MBP -5.916	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
STJ1C-9 478500 373400	38	Gr	5yr51		HCL	2	1			III	3b	2	3b	WE
	64	Gr	5yr61		C	1	1	xxx	yes	Droughtiness Calculation				
	100	Rd Br	25yr53		C			xxx	no	MDW 117	MDP 112	MBW 14.473	MBP -3.604	Grade 2
STJ1C-10 478600 373398	39	Dk Br	75yr33		HCL	2	2			III	3b	2	3b	WE
	70	Rd Br	5yr44		C	1	2	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 14.87	MBP -2.98	Grade 2
STJ1C-11 478219 373316	29	Gr	10yr51		C	2	1			III	3b	3a	3b	WE
	41	Rd Gr	25yr51		C			xxx	yes	Droughtiness Calculation				
	100	Rd Br	25yr53		C			xxx	no	MDW 117	MDP 112	MBW 7.672	MBP -10.328	Grade 3a
STJ1C-12 478296 373318	38	Dk Rd Gr	25yr41		C	2	1			III	3b	2	3b	WE
	100	Rd Br	25yr53		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 10.984	MBP -7.016	Grade 2
STJ1D-1 478800 373598	36	V Dk Gr Br	10yr32		SCL	3	1			I	1	2	2	DR
	62	Dk Rd Br + Gr	25yr34	25y51	SC	5	9	xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 14.362	MBP -9.688	Grade 2
STJ1D-2 478702 373505	38	Wk Rd	25yr42		MCL	1	1			III	3a	2	3a	WE
	46	Rd Br	25yr44		HCL			xxx	no	Droughtiness Calculation				
	100	Rd Br + Gn Gr	25yr43	5gy51	C	1	1	xxx	yes	MDW 117	MDP 112	MBW 17.251	MBP -0.534	Grade 2
STJ1D-3 478798 373506	38	Dk Rd Gr	25yr41		MCL	1	1			III	3a	2	3a	WE
	61	Wk Rd	10r43		MCL			xxx	no	Droughtiness Calculation				
	100	Wk Rd + Gn Gr	10r44	5gy51	C			xxx	yes	MDW 117	MDP 112	MBW 22.254	MBP 4.254	Grade 2
STJ1D-4 478699 373401	28	Rd Br	25yr44		MCL	1	1			III	3a	2	3a	WE
	50	Wk Rd	10r44		C	1	1	xxx	yes	Droughtiness Calculation				
	70	Rd Br	25yr44		SCL	1	1	xxx	no	MDW 117	MDP 112	MBW 15.745	MBP -4.02	Grade 2
	100	Wk Rd	10r44		C	1	1	xxx	no					
STJ1D-5 478800 373398	34	Gr Br	10yr52		MCL	5	1			I	1	2	2	DR
	60	Rd Br + Gr	25yr44	75yr61	SCL	2	1	xxx	no	Droughtiness Calculation				
	75	Gr	75yr61		C	10	1	xxx	no	MDW 117	MDP 112	MBW 12.772	MBP -3.618	Grade 2

Name	Depth (cm)	Colour	Munsell 1 Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
STJ1D-6 478712 373307	28 100	Wk Rd Rd Br	25yr42 25yr44	HCL C	1	1	xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 10.524	MBP -7.476	Grade 2
STJ1D-7 478799 373300	28 100	Dk Rd Gr Wk Rd	25yr41 10r43	MCL C	1	1	xxx	yes	III	3a	2	3a	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 10.524	MBP -7.476	Grade 2
STJ1D-8 478800 373198	35 66 100	Dk Br Rd Br Br + Li Gr	10yr33 5yr43 75yr44 5y71	SCL SCL C	1 1 1	2 2 2	o xxx	no yes	III	3a	2	3a	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 17.732	MBP -1.702	Grade 2
STJ1D-9 478863 373205	29 53 100	Dk Rd Gr Rd Br Yl Br	25yr41 25yr53 10yr54	MCL SCL C	1	1	xxx xxx	no yes	III	3a	2	3a	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 16.107	MBP -2.193	Grade 2
STJ1E-1 478899 373605	30 90 100	Rd Gr Rd Gr Rd Br	25yr51 25yr61 25yr43	MCL MCL SCL	1	1	xxx xxx	no no	II	2	2	2	DR,WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 38.49	MBP 5.49	Grade 2
STJ1E-2 478898 373500	29 100	Rd Gr Rd Br	5yr52 5yr53	MCL SCL	1	1	xxx	no	II	2	2	2	DR,WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 36.207	MBP 1.207	Grade 2
STJ1E-3 478897 373403	30 100	Dk Rd Gr Rd Br	25yr41 25yr43	HCL C	1	1	xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 11.49	MBP -6.51	Grade 2
STJ1E-4 478908 373299	31 100	Wk Rd Rd Br	25yr42 25yr44	MCL C	2	1	xxx	yes	III	3a	2	3a	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 11.446	MBP -6.554	Grade 2
STJ1E-5 478984 373303	26 100	Wk Rd Wk Rd	10r42 10r44	C C	2	1	xxx	yes	III	3b	3a	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 6.568	MBP -11.432	Grade 3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
STJ1E-6 479000 373198	34	V Dk Gr Br	10yr32		SCL	3	1		no	III	3a	2	3a	WE
	52	Dk Rd Br	25yr34		SCL	2	1	o	no	Droughtiness Calculation				
	75	Dk Rd Br + Gr	25yr34	10yr61	SC	1	1	xxx	yes	MDW 117	MDP 112	MBW 18.572	MBP -6.152	Grade 2
STJ1F-1 479000 373600	35	V Dk Gr Br	10yr32		SCL	3	1		yes	III	3a	2	3a	WE
	68	Rd Br	25yr43		SC	3	1	o	yes	Droughtiness Calculation				
	100	Gr	10yr61		SC	1	1	xxx	yes	MDW 117	MDP 112	MBW 14.985	MBP -9.892	Grade 2
STJ1F-2 479099 373598	30	Dk Br	75yr33		MCL	3	1		yes	III	3a	2	3a	WE
	75	Rd	25yr46		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 10.47	MBP -7.53	Grade 2
STJ1F-3 479188 373597	36	Br	75yr42		MCL	5	1		yes	III	3a	2	3a	WE
	65	Rd Br + Gr	25yr44	25y51	C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.317	MBP -6.468	Grade 2
STJ1F-4 479005 373498	23	Dk Br	75yr33		HCL	2	1		yes	III	3b	3a	3b	WE
	60	Rd Br	25yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 7.718	MBP -10.282	Grade 3a
STJ1F-5 479098 373496	26	Dk Br	75yr33		HCL	2	1		yes	III	3b	2	3b	WE
	60	Rd	25yr46		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 9.116	MBP -8.884	Grade 2
STJ1F-6 479194 373502	28	Dk Br	75yr33		MCL	1	1		no	II	2	2	2	DR,WE
	90	Rd Br + Pi Gr	5yr53	75yr62	SCL			xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 35.924	MBP 0.924	Grade 2
STJ1F-7 479000 373398	27	Br	75yr42		MCL	5	1		yes	III	3a	3a	3a	DR,WE
	50	Rd Br + Gr	25yr44	25y51	C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 7.474	MBP -10.311	Grade 3a
STJ1F-8 479098 373394	31	Dk Br	75yr33		SCL	3	1		yes	III	3a	3a	3a	DR,WE
	75	Rd Br	25yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 7.912	MBP -10.088	Grade 3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
STJ1F-9 479200 373398	38	Br	75yr42		MCL	5	1			III	3a	2	3a	WE
	75	Rd Br + Gr	25yr44	25y51	C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 12.171	MBP -5.614	Grade 2
STJ1F-10 479105 373300	29	Dk Br	10yr33		MCL	3	1			III	3a	2	3a	WE
	72	Rd Br	25yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 10.021	MBP -7.979	Grade 2
STJ1F-11 479203 373304	30	Dk Br	10yr33		MCL	1	1			II	2	2	2	DR,WE
	90	Dk Rd Gr	5yr42		SCL	3	1	xxx	no	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 33.655	MBP -0.19	Grade 2
STJ1G-1 479206 373703	32	Rd Br	25yr44		MCL	2	1			III	3a	2	3a	WE
	100	Wk Rd	10r43		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.912	MBP -6.088	Grade 2
STJ1G-2 479298 373703	28	Rd Br	25yr44		MCL	4	1			III	3a	2	3a	WE
	58	Wk Rd	10r52		SC			xxx	yes	Droughtiness Calculation				
	100	Wk Rd	10r54		C			xxx	yes	MDW 117	MDP 112	MBW 9.896	MBP -8.904	Grade 2
STJ1G-3 479300 373601	30	Dk Rd Gr	10r41		HCL	2	1			III	3b	2	3b	WE
	100	Wk Rd	10r43		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 10.98	MBP -7.02	Grade 2
STJ1G-4 479302 373506	32	Dk Rd Br	5yr33		MCL	1	1			III	3a	2	3a	WE
	75	Dk Rd Gr	5yr42		C	2	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.432	MBP -6.228	Grade 2
STJ1G-5 479395 373509	34	Dk Rd Br	5yr33		MCL	1	1			III	3a	2	3a	WE
	80	Rd Br + Dk Rd Gr	5yr44	5yr42	HCL			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 39.222	MBP 6.222	Grade 2
STJ1G-6 479299 373406	32	V Dk Gr Br	10yr32		MCL	1	1			II	2	2	2	DR,WE
	55	Rd Br	5yr43		MCL	1	1	xxx	no	Droughtiness Calculation				
	90	Rd Br	5yr53		SCL	1	1	xxx	no	MDW 117	MDP 112	MBW 37.921	MBP 3.801	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
STJ1G-7 479400 373398	38 90	V Dk Gr Br Rd Br	10yr32 5yr43		MZCL HZCL	1 1	2 2	x	no	I	1	1	1	
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 44.264	MBP 13.544	Grade 1
STJ1G-8 479304 373303	34 46 90	V Dk Gr Br Rd Br + Gr Br Rd Br	10yr32 5yr43 5yr53	10yr52	MCL MCL SCL	1 3 3	1 1 1	xxx xxx	no no	II	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 36.119	MBP 2.274	Grade 2
STJ1G-9 479402 373299	32 75	V Dk Gr Br Rd Br	10yr32 5yr43		MCL C	1 5	1 3	xxx	yes	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 9.896	MBP -7.254	Grade 2
STJ1H-1 478505 373276	40 100	Gr Rd Br	5yr51 25yr43		HCL C	1	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 16.32	MBP -1.68	Grade 2
STJ1H-2 478606 373300	38 100	Gr Rd Br	5yr51 25yr53		MCL C	1	1	xxx	yes	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 15.354	MBP -2.646	Grade 2
STJ1H-3 478523 373208	38 68 100	Gr Rd Gr Rd Br	5yr51 5yr52 5yr44		HCL C C	1	1	xxx xxx	yes yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 15.354	MBP -2.646	Grade 2
STJ1H-4 478600 373198	39 69 90	V Dk Gr Br Br Rd Br	10yr32 75yr43 5yr44		SCL SCL C	1 2 1	2 2 2	o xxx	no yes	II	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 19.131	MBP -0.676	Grade 2
STJ1H-5 478684 373210	26 60	Dk Rd Br Rd Br	5yr32 5yr44		HCL C	1	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 9.558	MBP -8.442	Grade 2
STJ1I-1 478598 373108	32 75	Dk Br Rd Br + Gr	75yr32 5yr44	75yr61	MCL HCL	1 1	1 1	xxx	yes	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 37.921	MBP 5.286	Grade 2

Name	Depth (cm)	Colour	Munsell 1 Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
STJ1I-2 478699 373104	26 60	Dk Rd Br Rd Br	5yr33 5yr44	C C	1	1	xxx	yes	III	3b	3a	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 6.984	MBP -11.016	Grade 3a
STJ1I-3 478793 373108	35 40 75	Dk Br Br Rd Br	75yr33 75yr43 5yr44	HZCL HCL C	1 20	1 3	xxx xxx	yes yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 10.07	MBP -4.53	Grade 2
STJ1I-4 478600 373000	35 62 90	V Dk Gr Br Br Br	10yr32 10yr43 10yr53	HCL C C	1	1	x xxx	yes yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 13.905	MBP -4.095	Grade 2
STJ1I-5 478695 372999	35 75 75	Dk Rd Br Rd Br Rd Br	5yr33 5yr44 5yr44	C C C	1 20	1 3	xxx xxx	yes yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 10.44	MBP -7.56	Grade 2
STJ1I-6 478800 372998	42 75	V Dk Gr Br Li Gr	10yr32 5y71	SCL C	1 1	2 2	xxx	yes	III	3a	2	3a	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 12.782	MBP -5.068	Grade 2
STJ1J-1 478599 372905	25 75	Dk Br Rd Br	75yr33 5yr44	HCL C	1	1	xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 9.075	MBP -8.925	Grade 2
STJ1J-2 478700 372902	30 75	Dk Rd Br Rd Br	5yr32 5yr44	C C	1	1	xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 8.52	MBP -9.48	Grade 2
STJ1J-3 478799 372902	26 44 75	Dk Gr Dk Rd Gr Rd Br	75yr41 5yr42 5yr44	MCL HCL C	1 1	1 1	xxx xxx	no yes	III	3a	2	3a	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 14.431	MBP -3.354	Grade 2
STJ1J-4 478700 372803	24 75	Dk Br Rd Br	75yr34 5yr44	HCL C	1	1	xxx	yes	III	3b	2	3b	WE
									Droughtiness Calculation				
									MDW 117	MDP 112	MBW 8.592	MBP -9.408	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
STJ1J-5 478800 372798	42 100	Dk Br Rd Br	75yr33 5yr43		MCL HCL	1 1	2 2	o	no	I	1	2	2	DR
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 40.106	MBP 7.406	Grade 2
STJ1J-6 478703 372706	25 75	Dk Br Rd Br	10yr33 5yr44		C C	1	1	xxx	yes	III	3b	3a	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 6.6	MBP -11.4	Grade 3a
STJ1J-7 478804 372708	29 39 75	Dk Br Dk Rd Gr Rd Br	75yr34 5yr42 25yr44		HCL HCL C	1	1	xxx xxx	yes yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 14.007	MBP -3.993	Grade 2
STJ1J-8 478704 372611	29 45 60	Dk Rd Gr Br Rd Br	5yr42 75yr42 25yr44		HZCL HCL C	1 10	1 3	xxx xxx	yes yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 14.728	MBP -1.572	Grade 2
STJ1J-9 478800 372598	32 55 90	Dk Br Rd Br Rd Br	10yr33 5yr43 5yr44		MCL C C	2 1 1	2 2 2	x xxx	yes yes	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.51	MBP -6.34	Grade 2
STJ1K-1 478901 373103	28 75	Dk Rd Br Rd Br	5yr33 25yr44		HCL HZCL	2	1	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 39.848	MBP 8.848	Grade 2
STJ1K-2 479000 373106	30 75	Dk Rd Br Rd Br	5yr33 25yr44		C C	1 5	1 3	xxx	yes	III	3b	3a	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 5.87	MBP -11.28	Grade 3a
STJ1K-3 478901 373003	30 75	Dk Br Rd Br	75yr33 25yr44		HCL C	1 1	1 3	xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 10.96	MBP -6.87	Grade 2
STJ1K-4 479000 372998	36 59 100	V Dk Gr Br Dk Rd Br Dk Rd Br + Gr	10yr32 25yr34 25yr34		SCL SC SC	3 2 1	1 1 1	o xxx	yes yes	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 15.7435	MBP -9.012	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
STJ1K-5 478897 372905	27	Dk Rd Br	5yr33		MCL	1	1			III	3a	2	3a	WE
	50	Rd Br	5yr43		MCL	1	3	xxx	no	Droughtiness Calculation				
	75	Rd Br	25yr44		C	5	3	xxx	yes	MDW 117	MDP 112	MBW 14.915	MBP -2.235	Grade 2
STJ1K-6 478903 372803	30	Dk Rd Br	5yr33		MCL	1	1			III	3a	2	3a	WE
	60	Rd Br	5yr44		HCL			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 38.49	MBP 5.49	Grade 2
STJ1k-7 479000 372798	38	V Dk Gr Br	10yr32		SCL	1	2			III	3a	2	3a	WE
	75	Li Gr	5y71		C	1	2	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.198	MBP -6.652	Grade 2
STJ1K-8 478899 372713	28	Br	75yr42		MCL	1	1			III	3a	2	3a	WE
	60	Rd Br	5yr44		HCL			xxx	yes	Droughtiness Calculation				
	90	Rd Br	5yr44		HCL	5	3	xxx	yes	MDW 117	MDP 112	MBW 35.724	MBP 4.524	Grade 2
STJ1K-9 479002 372709	30	Dk Rd Br	5yr32		HCL	1	1			III	3b	2	3b	WE
	50	Rd Br	5yr43		HCL			xxx	yes	Droughtiness Calculation				
	75	Rd Br	25yr44		C			xxx	yes	MDW 117	MDP 112	MBW 17.49	MBP -0.51	Grade 2
STJ1K-10 478897 372601	33	Dk Br	10yr33		HCL	1	1			III	3b	2	3b	WE
	47	Rd Br	5yr44		HCL			xxx	yes	Droughtiness Calculation				
	75	Rd	25yr46		C			xxx	yes	MDW 117	MDP 112	MBW 17.139	MBP -0.861	Grade 2
STJ1K-11 479000 372598	33	Dk Br	10yr33		HCL	1	2			III	3b	2	3b	WE
	55	Rd Br	5yr43		C	1	2	x	yes	Droughtiness Calculation				
	90	Rd Br	5yr44		C	1	2	xxx	yes	MDW 117	MDP 112	MBW 12.485	MBP -5.365	Grade 2
STJ1M-1 479099 373192	32	Dk Br	75yr32		MZCL					II	2	1	2	WE
	75	Br + Gr Br	75yr43	10yr52	MZCL			xxx	no	Droughtiness Calculation				
	90	Br + Gr	75yr42	10yr51	C			xxx	yes	MDW 117	MDP 112	MBW 30.9	MBP 13.4	Grade 1
STJ1M-2 479100 373104	27	Dk Rd Br	5yr32		MZCL	1	1			III	3a	2	3a	WE
	75	Rd Br	5yr43		C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 12.714	MBP -5.286	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
STJ1M-3 479100 373005	30	Dk Rd Br	5yr32		MCL	1	1			III	3a	2	3a	WE
	41	Dk Rd Gr	5yr42		HCL			xxx	yes	Droughtiness Calculation				
	75	Rd	25yr46		HCL	2	3	xxx	yes	MDW 117	MDP 112	MBW 37.154	MBP 4.794	Grade 2
STJ1M-4 479105 372907	26	Dk Rd Br	5yr32		MCL	1	1			III	3a	2	3a	WE
	70	Rd Br	5yr43		C	1	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 8.992	MBP -8.838	Grade 2
STJ1N-1 479101 372803	33	Dk Rd Br	5yr33		MCL	1	1			III	3a	2	3a	WE
	75	Rd Br + Dk Rd Gr	5yr44	5yr42	HCL	2	3	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 37.511	MBP 5.151	Grade 2
STJ1N-2 479200 372798	43	Dk Br	75yr34		HCL	1	2			III	3b	2	3b	WE
	70	Rd Br + Li Gr	5yr44	5yr71	C	1	2	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 17.435	MBP -0.415	Grade 2
STJ1N-3 479301 372800	32	Dk Rd Br	5yr33		MCL	1	1			III	3a	2	3a	WE
	43	Rd Br + Dk Rd Gr	5yr43	5yr42	HCL	2	3	xxx	yes	Droughtiness Calculation				
	85	Rd Br	25yr44		HCL			xxx	yes	MDW 117	MDP 112	MBW 38.592	MBP 5.592	Grade 2
STJ1N-4 479098 372702	32	Dk Rd Br	5yr33		MCL	1	1			II	2	2	2	DR,WE
	80	Rd Br + Dk Rd Gr	5yr43	5yr42	MCL			xxx	no	Droughtiness Calculation				
	95	Rd Br	25yr44		HCL			xxx	yes	MDW 117	MDP 112	MBW 38.856	MBP 5.856	Grade 2
STJ1N-5 479201 372710	27	Dk Rd Br	5yr33		MCL	1	1			II	2	2	2	DR,WE
	65	Rd Br + Dk Rd Gr	5yr43	5yr42	MCL			xxx	no	Droughtiness Calculation				
	90	Rd Br	25yr44		HCL			xxx	yes	MDW 117	MDP 112	MBW 37.941	MBP 4.941	Grade 2
STJ1N-6 479297 372711	32	Dk Rd Br	5yr33		HCL	1	1			III	3b	2	3b	WE
	80	Br + Br	75yr54	75yr52	HCL			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 112	MBW 38.856	MBP 5.856	Grade 2
STJ1N-7 479200 372606	42	V Dk Gr Br	10yr32		MCL	1	2			III	3a	2	3a	WE
	55	Rd Br + Li Gr	5yr44	5yr71	C	1	2	xxx	yes	Droughtiness Calculation				
	80	Li Gr	5yr71		C	1	2	xxx	yes	MDW 117	MDP 112	MBW 16.94	MBP -0.91	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
STJ10-1 479200 373198	40 90	V Dk Gr Br Rd Br	10yr32 5yr43		MZCL HZCL	1 1	2 2	x	no	I	1	1	1	
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 44.66	MBP 13.94	Grade 1
STJ10-2 479195 373096	27 63 90	Dk Br Br + Gr Br Dk Rd Gr + Gr	75yr32 75yr43 5yr42	10yr52 10yr51	MCL MCL C			xxx xxx	no yes	II	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 21.3	MBP 3.3	Grade 2
STJ10-3 479200 373000	32 45 80	V Dk Gr Br Rd Br Rd Br	10yr32 5yr43 5yr44		MCL C C	1 1 1	2 2 2	xx xxx	yes yes	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 112	MBW 11.99	MBP -5.86	Grade 2
STJ10-4 479302 373006	27 75	Dk Br Rd Br	75yr32 5yr44		MCL C	2	1	xxx	yes	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 9.582	MBP -7.418	Grade 2
STJ10-5 479208 372902	32 48 90	Dk Br Br + Gr Br Rd Br	75yr32 75yr43 5yr43	10yr52	MCL MCL C			xxx xxx	no yes	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 17.8	MBP 0.8	Grade 2
STJ10-6 479299 372901	32 56 75	Dk Br Rd Br Rd Br	75yr32 5yr44 25yr44		MCL C C	20	3	xxx xxx	yes yes	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 9.16	MBP -8.32	Grade 2
STJ1P-1 479308 373200	30 72	Dk Br Rd	75yr32 25yr46		MCL C	1	1	xxx	yes	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 11.49	MBP -5.51	Grade 2
STJ1P-2 479400 373198	33 90	V Dk Gr Br Rd Br	10yr32 5yr43		MZCL HZCL	1 1	2 2	x	no	I	1	1	1	
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 43.274	MBP 13.554	Grade 1
STJ1P-3 479304 373102	31 47 75	Dk Br Rd Gr Dk Rd Gr	75yr32 5yr52 5yr42		MCL HCL C	1 5	1 1	xxx xxx	yes yes	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 117	MDP 111	MBW 15.573	MBP -1.427	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
STJ1P-4 479403 373096	31	Dk Gr Br	10yr42		SCL	1	1			II	2	2	2	DR,WE
	63	Br + Gr	75yr52	10yr51	SCL			xxx	no	Droughtiness Calculation				
	75	Rd Br	25yr44		C	10	3	xxx	yes	MDW 117	MDP 111	MBW 13.754	MBP -2.326	Grade 2
STJ1P-5 479400 372998	37	Br	75yr43		HCL	2	1			III	3b	2	3b	WE
	65	Dk Rd Br	5yr34		C	1	1	x	yes	Droughtiness Calculation				
	80	Dk Rd Br + Gr	5yr34	5yr61	C			xxx	yes	MDW 117	MDP 111	MBW 13.9885	MBP -3.094	Grade 2
STJ1P-6 479489 373002	32	Br	75yr42		MCL	1	1			III	3a	3a	3a	DR,WE
	65	Br + Gr	75yr52	10yr51	C			xxx	yes	Droughtiness Calculation				
	75	Gr	25y51		C	33	3	xxx	yes	MDW 117	MDP 111	MBW 3.381	MBP -6.029	Grade 3a
STJ1P-7 479403 372899	32	Br	75yr42		MCL					III	3a	3a	3a	DR,WE
	47	Dk Gr	75yr41		C			xxx	yes	Droughtiness Calculation				
	75	Rd Br	5yr44		C	33	3	xxx	yes	MDW 117	MDP 111	MBW 0.559	MBP -10.831	Grade 3a
STJ1P-8 479502 372906	29	Br	75yr42		MCL					III	3a	2	3a	WE
	75	Gr	75yr51		C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 10.793	MBP -5.992	Grade 2
STJ1P-9 479400 372800	40	V Dk Gr Br	10yr32		MCL	1	2			III	3a	2	3a	WE
	65	Br	75yr54		C	1	2	xxx	no	Droughtiness Calculation				
	85	Br	75yr53		C	1	2	xxx	yes	MDW 117	MDP 111	MBW 15.95	MBP -0.9	Grade 2
STJ1Q-1 479499 372795	26	Br	75yr42		HCL	1	1			III	3b	2	3b	WE
	54	Dk Rd Gr	5yr42		C			xxx	yes	Droughtiness Calculation				
	75	Rd Br + Gr	5yr44	10yr51	C	1	1	xxx	yes	MDW 117	MDP 111	MBW 9.129	MBP -7.634	Grade 2
STJ1Q-2 479401 372705	29	Dk Rd Br	5yr33		C	1	1			III	3b	2	3b	WE
	85	Rd Br + Rd Gr	5yr44	5yr52	C			xxx	yes	Droughtiness Calculation				
										MDW 117	MDP 111	MBW 8.136	MBP -8.864	Grade 2
STJ1Q-3 479496 372703	30	Dk Gr Br	10yr42		HCL					III	3b	2	3b	WE
	46	Br + Gr	75yr42	10yr51	C			xxx	yes	Droughtiness Calculation				
	90	Dk Rd Gr + Gr	5yr42	10yr51	C			xxx	yes	MDW 117	MDP 111	MBW 12	MBP -5	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WAC1-1 483692 372402	39 120	Dk Gr Br Br	10yr42 75yr54		CSL CS	1	1	o	no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 111	MBW -23.524	MBP -32.924	Grade 3b
WAC1A-1 483301 372604	36 42 100	Dk Gr Br Gr Br Gn Gr	10yr42 10yr52 5gy61		CSL SCL C	1	1	xx xxx	no yes	II	1	2	2	DR
										Droughtiness Calculation				
										MDW 116	MDP 111	MBW 13.024	MBP -4.976	Grade 2
WAC1A-2 483400 372600	32 90 100 120	V Dk Gr Br Dk Yl Br Dk Br Li Gn Gr	10yr32 10yr44 75yr33 5gy71		SCL LMS SCL SC	3 2	6 2	x xxx xxx	no yes yes	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 111	MBW -4.7328	MBP -30.4688	Grade 3b
WAC1B-1 483500 372600	31 40 60 100	Dk Br Br Gn Gr Wk Rd	10yr33 10yr53 10gy61 10r43		CSL SCL C C	1	1	xxx xxx xxx	no yes yes	III	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 116	MDP 111	MBW 11.704	MBP -6.296	Grade 2
WAC1B-2 483600 372600	35 60	V Dk Gr Br Dk Yl Br	10yr32 10yr44		LMS LMS	1 5	6 2	o	no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 111	MBW -27.755	MBP -41.315	Grade 3b
WAC1B-3 483510 372502	35 56 79 100	Dk Gr Br Li Br Gr Br Br	10yr42 10yr62 75yr53 75yr52		CSL CSL CSL C	1	1	xxx xxx xxx	no no yes	II	1	2	2	DR
										Droughtiness Calculation				
										MDW 116	MDP 111	MBW 27.54	MBP 3.94	Grade 2
WAC1B-4 483605 372507	39 48 71 100	Br Br Li Br Gr Gn Gr	10yr43 10yr53 10yr62 5bg61		CSL CSL CS ZC	1 5	1 1	xxx xxx xxx	no no yes	II	1	3a	3a	DR
										Droughtiness Calculation				
										MDW 116	MDP 111	MBW 5.57	MBP -22.476	Grade 3a
WAC1C-1 483800 372600	38 110	V Dk Gr Br Ol Br	10yr32 25y44		LMS CS	2 2	8 2	x	no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 111	MBW -40.4984	MBP -49.7384	Grade 3b
WAC1C-2 483900 372605	36 120	V Dk Gr Br Rd Br + Gr Br	10yr32 5yr44	10yr52	SCL C	1 1	1 1	xxx	yes	III	3a	2	3a	WE
										Droughtiness Calculation				
										MDW 116	MDP 111	MBW 11.201	MBP -6.584	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WAC1C-3 484000 372598	26	Br	10yr43		SCL	2	8			I	1	2	2	DR
	85	Br	75yr42		SCL	5	8	xxx	no	Droughtiness Calculation				
	120	Bu Gr + Dk Br	5b61	75yr32	SC			xxx	yes	MDW 116	MDP 111	MBW 23.285	MBP -4.44	Grade 2
WAC1C-4 483899 372505	33	V Dk Gr Br	10yr32		SCL	1	1			I	1	2	2	DR
	120	Gr Br	10yr52		CSL	1	1	xx(x)	no	Droughtiness Calculation				
										MDW 116	MDP 111	MBW 42.782	MBP 3.217	Grade 2
WAC1C-5 483999 372503	33	V Dk Gr Br	10yr32		SCL	1	1			II	2	3a	3a	DR
	54	Gr Br	10yr52		LCS			o	no	Droughtiness Calculation				
	120	Rd Br	5yr44		C			xxx	yes	MDW 116	MDP 111	MBW -1.428	MBP -21.188	Grade 3a
WAC1C-6 484098 372503	37	V Dk Gr Br	10yr32		HCL	1	1			III	3b	2	3b	WE
	120	Rd Br + Gr Br	5yr44	10yr52	C	1	1	xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 111	MBW 15.26	MBP -2.525	Grade 2
WAC1D-1 483503 372403	36	Dk Br	10yr33		SCL	1	1			II	2	3a	3a	DR
	48	Gr Br	10yr52		CSL			xxx	no	Droughtiness Calculation				
	70	Br	10yr53		LCS			xxx	no	MDW 116	MDP 111	MBW 9.704	MBP -17.096	Grade 3a
	100	Li Gn Gr	10bg71		ZC			xxx	yes					
WAC1D-2 483600 372398	38	Br	10yr43		LFS	4	8			I	1	3a	3a	DR
	120	Yl Br	10yr54		LMS	3	2	o	no	Droughtiness Calculation				
										MDW 116	MDP 111	MBW -8.6368	MBP -22.4528	Grade 3a
WAC1D-3 483800 372398	39	V Dk Gr Br	10yr32		SCL	3	8			II	2	3a	3a	DR
	42	V Dk Gr Br	10yr32		SCL	3	8	o	no	Droughtiness Calculation				
	63	Dk Yl Br	10yr44		LMS	1	4	xx	no	MDW 116	MDP 111	MBW 4.7648	MBP -17.936	Grade 3a
	120	Gn Gr + Dk Rd Br	10bg61	5yr32	C			xxx	yes					
WAC1E-1 484000 372400	25	V Dk Gr Br	10yr32		MSL					I	1	3b	3b	DR
	38	Wh + Br	25y81	10yr53	LMS			xxx	no	Droughtiness Calculation				
	110	Gr	10yr61		MS			xxx	no	MDW 116	MDP 110	MBW -29.42	MBP -40.22	Grade 3b
WAC1F-1 483901 372306	35	V Dk Gr	10yr31		MSZL					II	1	2	2	DR
	50	Dk Yl Br	10yr34		SCL	2	1	xx	no	Droughtiness Calculation				
	100	Gr + Rd Br	10yr51	5yr44	C			xxx	yes	MDW 116	MDP 110	MBW 21.58	MBP 4.58	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WAC1F-2 483994 372303	39	V Dk Gr	10yr31		MSL					I	1	3a	3a	DR
	60	Li Gr	10yr72		MS			xx	no	Droughtiness Calculation				
	75	Gr + St Br	10yr61	75yr58	SC			xxx	no	MDW	MDP	MBW	MBP	Grade
	100	Gr	10yr61		MSL			x	no	116	110	21.96	-18.94	3a
WAC1F-3 483894 372199	40	V Dk Gr	10yr31		MSL					I	1	3a	3a	DR
	55	Dk Yl Br	10yr34		MSL			xx	no	Droughtiness Calculation				
	120	Rd Br + Gr	5yr44	10yr61	LMS	1	1	x	no	MDW	MDP	MBW	MBP	Grade
										116	110	3.414	-8.796	3a
WAC1F-4 484000 372198	35	V Dk Gr Br	10yr32		SCL	1	1			I	1	3a	3a	DR
	48	Dk Gr	10yr41		SC	1	1	xxx	no	Droughtiness Calculation				
	75	Gr	75yr51		LMS			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Pi Gr	75yr62		MS			o	no	116	110	-8.876	-18.476	3a
WAC1F-5 484008 372138	40	Dk Gr Br	10yr42		MSL	3	2			III	2	2	2	DR,WE
	100	Li Gr + St Br	10yr71	75yr58	C			xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	12.32	-4.68	2
WAC1F-6 483907 372106	40	Dk Gr Br	10yr42		MSL	2	1			I	1	3a	3a	DR
	100	V Pl Br	10yr73		MS			x	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	-15.68	-26.48	3a
WAC1H-1 484199 372502	30	Dk Gr Br	10yr42		ZC					III	3b	2	3b	WE
	100	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	10	-7	2
WAC1H-2 484300 372501	30	Dk Gr Br	10yr42		C					III	3b	2	3b	WE
	100	Rd Br + Li Gn Gr	5yr44	5gy71	C			xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	10	-7	2
WAC1H-3 484396 372504	39	Dk Gr Br	10yr42		HCL	1	1			II	3a	3a	3a	DR,WE
	45	Gr	10yr51		C			o	yes	Droughtiness Calculation				
	120	Gr Br	10yr52		LMS			x	no	MDW	MDP	MBW	MBP	Grade
										116	110	-1.463	-14.663	3a
WAC1H-4 484200 372400	24	Dk Br	75yr33		C	1	1			III	3b	3a	3b	WE
	70	Dk Rd Br	5yr34		C	1	1	xxx	yes	Droughtiness Calculation				
	120	Rd Br + Gr	5yr43	5yr61	C	3	1	xxx	yes	MDW	MDP	MBW	MBP	Grade
										116	110	5.799	-10.336	3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WAC1H-5 484305 372407	37 100	Dk Gr Br Rd Br	10yr42 5yr44		ZC C			xxx	yes	III	3b	2	3b	WE
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW 12.8	MBP -4.2	Grade 2
WAC1H-6 484400 372398	28 51 77 120	V Dk Gr Br Br Gr + Li Rd Br Pi Gr	10yr32 10yr53 10yr61 5yr63 75yr62		SCL LMS C SCL	1 1	1	o xxx xxx	no yes no	II	2	3a	3a	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW 8.5268	MBP -21.7352	Grade 3a
WAC1I-1 484485 372591	40 70 120	V Dk Gr Yl Br Gr	10yr31 10yr54 10yr61		MSZL MS SC			o xx	no no	I	1	3a	3a	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW 13.6	MBP -17.2	Grade 3a
WAC1I-2 484486 372508	40 90 120	V Dk Gr Gr Gr	10yr31 10yr61 10yr61		MSL MS SC			o x	no no	I	1	3a	3a	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -2.4	MBP -25.2	Grade 3a
WACP1A-5 482091 371602	37 100	Dk Gr Br Li Yl Br	10yr42 10yr64		LMS MS			o	no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -32.62	MBP -43.42	Grade 3b
WACP3B-1 482499 371803	40 120	V Dk Br Br	10yr22 10yr53		MSL LCS	1 1	2 2	o	no	I	1	3a	3a	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -8.824	MBP -23.48	Grade 3a
WACP3B-2 482600 371798	31 120	Dk Br St Br	75yr33 75yr46		LMS MS			o	no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -37.06	MBP -47.86	Grade 3b
WACP3B-3 482697 371797	28 120	V Dk Br Br	10yr22 10yr53		LCS LFS			o	no	I	1	3a	3a	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW 38.8	MBP -16.2	Grade 3a
WACP3B-4 482800 371798	36 58 120	Dk Br Dk Br St Br	75yr33 75yr34 75yr46		LMS LMS MS	1 1	1 1	o x	no no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -30.828	MBP -40.8384	Grade 3b

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WACP3B-5 482500 371699	33 120	V Dk Br Br	10yr22 10yr53		LCS LFS			o	no	I	1	3a	3a	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW 36.8	MBP -18.2	Grade 3a
WACP3B-6 482601 371701	30 120	V Dk Br Br	10yr22 10yr53		LCS LFS			o	no	I	1	3a	3a	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW 38	MBP -17	Grade 3a
WACP3B-7 482698 371696	32 45 120	V Dk Br Br Rd Br	10yr22 10yr53 5yr44		LCS LCS C			o xxx	no yes	II	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -16.98	MBP -33.98	Grade 3b
WACP3B-8 482795 371700	39 120	V Dk Br V Dk Br	10yr22 10yr22		LCS LCS			o	no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -32.46	MBP -47.26	Grade 3b
WACP3B-9 482495 371603	39 43 120	V Dk Br V Dk Br Br	10yr22 10yr22 10yr53		CSL CSL LCS			o o	no no	I	1	3a	3a	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -5.22	MBP -20.02	Grade 3a
WACP3B-10 482600 371600	27 68 120	Dk Br Dk Br Br + Li Br	75yr32 75yr33 75yr44	75yr63	LMS LMS MS			o o	no no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -34.9	MBP -44.26	Grade 3b
WACP3B-11 482701 371601	28 120	Dk Br Rd Br	75yr33 5yr44		SCL C			xxx	yes	III	2	2	2	DR,WE
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW 9.2	MBP -7.8	Grade 2
WACP3B-12 482791 371600	35 62 120	Dk Br Dk Br Br	75yr32 75yr33 75yr44		LMS LMS MS			o o	no no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -30.74	MBP -40.58	Grade 3b
WACP3B-13 482497 371504	35 120	V Dk Br Br	10yr22 10yr53		CSL LCS			o	no	I	1	3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -13.3	MBP -28.1	Grade 3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WACP3C-1 482200 371600	30	Dk Br	75yr33		LMS					I	1	3b	3b	DR
	72	Br + Li Br	75yr54	75yr63	MS			xxx	no	Droughtiness Calculation				
	120	Li Br	75yr63		MS			xxx	no	MDW 116	MDP 110	MBW -37.8	MBP -48.6	Grade 3b
WACP3C-2 482296 371615	39	Dk Br	75yr32		LMS		1			I	1	3b	3b	DR
	71	Br	75yr43		MS			o	no	Droughtiness Calculation				
	120	Rd Br	5yr44		MS			o	no	MDW 116	MDP 110	MBW -31.14	MBP -41.94	Grade 3b
WACP3C-3 482400 371600	27	Dk Br	75yr33		LMS					I	1	3b	3b	DR
	120	Br	75yr53		MS			o	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -40.02	MBP -50.82	Grade 3b
WACP3C-4 482087 371513	35	Dk Gr Br	10yr42		LMS					I	1	3b	3b	DR
	100	Li Yl Br	10yr64		MS			o	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -34.1	MBP -44.9	Grade 3b
WACP3C-5 482203 371507	30	Dk Gr Br	10yr42		LMS					I	1	3b	3b	DR
	100	Li Yl Br	10yr64		MS			o	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -37.8	MBP -48.6	Grade 3b
WACP3C-6 482307 371511	35	Dk Gr Br	10yr42		LMS					I	1	3b	3b	DR
	60	Dk Gr Br	10yr42		MS			o	no	Droughtiness Calculation				
	100	Li Yl Br	10yr64		MS			o	no	MDW 116	MDP 110	MBW -34.1	MBP -44.9	Grade 3b
WACP3C-7 482398 371507	36	V Dk Br	10yr22		CSL					I	1	3a	3a	DR
	120	Br	10yr53		LCS			o	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -12.24	MBP -27.04	Grade 3a
WACP4A-1 483200 372000	39	V Dk Gr Br	10yr32		SCL	2	1			III	3a	2	3a	WE
	92	Rd Br	5yr44		HZCL			xxx	yes	Droughtiness Calculation				
	110	Li Gn Gr	5gy71		ZC			xxx	yes	MDW 116	MDP 110	MBW 29.352	MBP 7.752	Grade 2
WACP4A-2 483297 372008	32	Dk Gr Br	10yr42		MSL					III	2	2	2	DR,WE
	42	Br	10yr43		MSL	2	2	xxx	no	Droughtiness Calculation				
	120	Rd Br	5yr44		C	1	6	xxx	yes	MDW 116	MDP 110	MBW 12.38	MBP -4.58	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WACP4A-3 483100 371884	36	Dk Gr Br	10yr42		MSL					I	1	3a	3a	DR
	60	Yl Br	10yr54		LMS			o	no	Droughtiness Calculation				
	75	Pl Br	10yr63		MSL	10	1	o	no	MDW	MDP	MBW	MBP	Grade
	100	Rd Br + Li Gr Gn	5yr44	5gy62	C	10	6	xxx	yes	116	110	5.605	-17.92	3a
WACP4A-4 483199 371904	39	Dk Gr Br	10yr42		MSL					III	2	2	2	DR,WE
	100	Li Gr Gn	5gy62		C			xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	13.6	-3.4	2
WACP4A-5 483300 371902	35	Dk Gr Br	10yr42		MSL					II	1	2	2	DR
	60	Br	10yr43		MSL			x	no	Droughtiness Calculation				
	75	Pl Br	10yr63		SCL-SC	10	2	xxx	no	MDW	MDP	MBW	MBP	Grade
	100	Rd Br	5yr44		C	10	6	xxx	yes	116	110	18.7	-1	2
WACP4A-6 483000 371798	30	Br	10yr43		MSL	2	1			I	1	2	2	DR
	100	Rd Br	5yr44		HCL			o	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	36.04	4.04	2
WACP4A-7 483097 371805	32	V Dk Gr Br	10yr32		SCL					III	3a	2	3a	WE
	120	Dk Rd Br	5yr33		C			xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	10.8	-6.2	2
WACP4A-8 483200 371800	39	Dk Br	10yr33		SCL	2	8			II	2	2	2	DR,WE
	48	Dk Br	10yr33		SCL	2	8	o	no	Droughtiness Calculation				
	76	Rd Br	5yr44		ZC			xxx	yes	MDW	MDP	MBW	MBP	Grade
	110	Li Gn Gr	5gy71		ZC			xxx	yes	116	110	13.796	-5.204	2
WACP4A-9 483296 371802	38	Dk Gr Br	10yr42		MSL					II	1	2	2	DR
	70	Yl Br	10yr54		SCL			xx	no	Droughtiness Calculation				
	120	Pl Br + Li Gr Gn	10yr63	5gy62	C	5	6	xxx	yes	MDW	MDP	MBW	MBP	Grade
										116	110	21.1	2.6	2
WACP4A-10 483400 371800	30	V Dk Gr Br	10yr32		MSL	1	7			II	1	2	2	DR
	68	Br	10yr43		MSL	1	7	xx(x)	no	Droughtiness Calculation				
	120	Ol Gr + Rd Br	5y52	5yr43	C			xxx	yes	MDW	MDP	MBW	MBP	Grade
										116	110	20.818	0.2	2
WACP4A-11 482997 371700	36	Dk Gr Br	10yr42		MSL					III	2	2	2	DR,WE
	60	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
	120	Li Gr Gn	5gy62		ZC			xxx	yes	MDW	MDP	MBW	MBP	Grade
										116	110	12.4	-5.6	2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WACP4A-12 483100 371697	38	Dk Gr Br	10yr42		SCL					III	3a	2	3a	WE
	55	Br	10yr53		SCL			xxx	no	Droughtiness Calculation				
	100	Rd Br	5yr44		C	3	6	xxx	yes	MDW 116	MDP 110	MBW 16.71	MBP -0.625	Grade 2
WACP4A-13 483204 371707	39	Dk Gr Br	10yr42		SCL					II	2	2	2	DR,WE
	75	Br	10yr53		SCL			xxx	no	Droughtiness Calculation				
	100	Li Yl Br	10yr64		C	10	6	xxx	yes	MDW 116	MDP 110	MBW 22.4	MBP 2.8	Grade 2
WACP4A-14 483300 371706	39	Dk Gr Br	10yr42		SCL					I	1	3a	3a	DR
	60	Yl Br	10yr54		SCL			xx	no	Droughtiness Calculation				
	120	Pl Br	10yr63		LMS			o	no	MDW 116	MDP 110	MBW 5.6	MBP -5	Grade 2
WACP4B-1 483397 372008	35	Dk Br	10yr33		MSL	1	1			I	1	3a	3a	DR
	120	St Br	75yr46		LMS	1	1	x	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -13.064	MBP -26.084	Grade 3a
WACP4B-2 483497 372007	37	Dk Br	10yr33		MSL					I	1	3a	3a	DR
	77	Yl Br	10yr54		LMS	1	1	x	no	Droughtiness Calculation				
	120	Br + Li Yl Br	10yr53	10yr64	HZCL			xxx	yes	MDW 116	MDP 110	MBW 12.018	MBP -23.5512	Grade 3a
WACP4B-3 483398 371905	39	Dk Br	10yr33		SCL	1	1			III	3a	2	3a	WE
	120	Gr Gn	5gy52		ZC			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 11.876	MBP -7.124	Grade 2
WACP4B-4 483495 371912	37	Dk Br	10yr33		LMS					I	1	3b	3b	DR
	47	Dk Br	10yr33		LMS			o	no	Droughtiness Calculation				
	80	Dk Yl Br + Li Yl Br	10yr46	10yr64	LMS			x	no	MDW 116	MDP 110	MBW 7.86	MBP -38.14	Grade 3b
	120	Dk Yl Br	10yr46		LFS			x	no					
WACP4B-5 483500 371811	39	Dk Br	10yr33		MSL					I	1	3a	3a	DR
	78	Dk Br	10yr33		LMS			x	no	Droughtiness Calculation				
	120	Br + Li Yl Br	10yr53	10yr64	HCL			xxx	yes	MDW 116	MDP 110	MBW 13.66	MBP -21.38	Grade 3a
	120	Dk Yl Br	10yr46		LFS			x	no					
WACP4B-6 483586 371800	39	V Dk Gr Br	10yr32		LMS					I	1	3b	3b	DR
	49	V Dk Gr Br	10yr32		LMS			o	no	Droughtiness Calculation				
	120	Yl Br	10yr54		LMS			o	no	MDW 116	MDP 110	MBW -23.78	MBP -36.98	Grade 3b

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WACP6A-1 483700 372302	45	V Dk Gr	10yr31		MSL	2	1			I	1	3a	3a	DR
	70	V Pl Br	10yr73		MS	5	1	xx	no	Droughtiness Calculation				
	80	Rd Br	5yr44		SCL	10	1	xxx	no	MDW 116	MDP 110	MBW 14.63	MBP -21.54	Grade 3a
WACP6A-2 483799 372302	39	V Dk Gr	10yr31		MSL	2	1			I	1	2	2	DR
	65	Gr Br	10yr52		SCL			xxx	no	Droughtiness Calculation				
	80	V Pl Br	10yr73		LMS			o	no	MDW 116	MDP 110	MBW 15.752	MBP -2.348	Grade 2
	120	Gr	10yr51		C			xxx	yes					
WACP6A-3 483699 372195	40	V Dk Gr	10yr31		MSL	2	1			I	1	3a	3a	DR
	120	Yl Br	10yr58		MS			xx	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -15.68	MBP -26.48	Grade 3a
WACP6A-4 483800 372198	39	V Dk Gr Br	10yr32		SCL	2	2			II	2	2	2	DR,WE
	42	V Dk Gr Br	10yr32		SCL	2	2	o	no	Droughtiness Calculation				
	54	Li Gr + Br Yl	10yr71	10yr68	SC	2	2	xxx	yes	MDW 116	MDP 110	MBW 15.524	MBP -4.684	Grade 2
	82	Gn Gr	10y51		SC	3	2	xxx	yes					
	120	Gn Gr + V Dk Br	10bg61		C									
WACP6A-5 483705 372101	35	V Dk Gr	10yr31		MSL					I	1	2	2	DR
	90	Br	10yr43		MSL			xx	no	Droughtiness Calculation				
	120	Pl Br	10yr63		MS			o	no	MDW 116	MDP 110	MBW 22	MBP 2	Grade 2
WACP6A-6 483795 372105	40	Dk Gr Br	10yr42		MSL	3	2			I	1	3a	3a	DR
	70	V Pl Br	10yr73		LMS			x	no	Droughtiness Calculation				
	120	Li Gr + St Br	10yr71	75yr58	SCL			xxx	no	MDW 116	MDP 110	MBW 17.12	MBP -22.08	Grade 3a
WACP7A-1 484093 372303	40	V Dk Gr	10yr31		MSL					I	1	3a	3a	DR
	120	Gr Br	10yr52		MS			xx	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -14.4	MBP -25.2	Grade 3a
WACP7A-2 484101 372211	40	Dk Gr Br	10yr42		MSL	3	2			III	2	2	2	DR,WE
	68	Li Gr	10yr72		SC			xxx	yes	Droughtiness Calculation				
	100	Li Gr	10yr72		SCL	2	1	o	no	MDW 116	MDP 110	MBW 28.732	MBP -4.336	Grade 2
WACP7A-3 484200 372200	35	V Dk Gr Br	10yr32		HCL	1	1			III	3b	2	3b	WE
	79	Rd Br	5yr43		C	1	1	xxx	yes	Droughtiness Calculation				
	105	Rd Br + Rd Gr	5yr44	5yr52	C			xxx	yes	MDW 116	MDP 111	MBW 14.5365	MBP -3.515	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WACP7B-1 484200 372299	38	Br	75yr42		HZCL	1	1			III	3b	2	3b	WE
	100	Rd Br	5yr44		C			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 111	MBW 20.116	MBP 2.116	Grade 2
WACP7B-2 484299 372309	37	Br	75yr42		HZCL	2	1			III	3b	2	3b	WE
	70	Br	75yr44		ZC			xxx	yes	Droughtiness Calculation				
	100	Rd Br + Li Gn Gr	5yr44	5gy71	C			xxx	yes	MDW 116	MDP 111	MBW 17.568	MBP -2.432	Grade 2
WACP7B-3 484395 372304	40	Dk Gr Br	10yr42		SCL	3	1			III	3a	2	3a	WE
	100	Rd Br + Li Gn Gr	5yr44	5gy71	C			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 111	MBW 12.08	MBP -5.92	Grade 2
WACP7B-4 484301 372214	36	Br	75yr42		MZCL					III	3a	2	3a	WE
	120	Rd Br + Li Gn Gr	5yr44	5gy71	C			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 111	MBW 19.6	MBP 1.6	Grade 2
WACP7B-5 484397 372201	28	V Dk Gr Br	10yr32		LMS	1	1			II	1	3b	3b	DR
	48	Br	75yr44		MS			o	no	Droughtiness Calculation				
	60	Pi Gr + Gr	75yr62	10yr61	C			xxx	yes	MDW 116	MDP 111	MBW -17.136	MBP -35.136	Grade 3b
	120	Gr	10yr61		C			xxx	yes					
WACP7C-1 484482 372296	40	V Dk Gr	10yr31		LMS					I	1	3a	3a	DR
	70	V Dk Gr	10yr31		MSL			o	no	Droughtiness Calculation				
	100	Gr	10yr51		MS			o	no	MDW 116	MDP 111	MBW -7	MBP -14	Grade 3a
WACP7C-2 484476 372204	40	V Dk Gr	10yr31		LMS					I	1	3b	3b	DR
	70	V Dk Gr	10yr31		LMS			o	no	Droughtiness Calculation				
	100	Gr	10yr51		MS			o	no	MDW 116	MDP 111	MBW -27.2	MBP -37.4	Grade 3b
WACP7C-3 484302 372100	40	V Dk Gr	10yr31		MSL					I	1	3a	3a	DR
	100	Pl Br	10yr63		MS			o	no	Droughtiness Calculation				
	100	Gr	10yr51		MS			o	no	MDW 116	MDP 110	MBW -14.4	MBP -25.2	Grade 3a
WACP7C-4 484397 372102	40	V Dk Gr	10yr31		MSL					I	1	3a	3a	DR
	90	Gr Br	10yr52		MS			o	no	Droughtiness Calculation				
	100	Gr	10yr51		SCL			xxx	no	MDW 116	MDP 110	MBW 3.6	MBP -25.2	Grade 3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WACP7C-5 484487 372101	40	V Dk Gr	10yr31		LMS					I	1	3b	3b	DR
	55	V Dk Gr Br	10yr32		LMS			x	no	Droughtiness Calculation				
	100	Gr	10yr51		MS			o	no	MDW 116	MDP 110	MBW -28.4	MBP -38.8	Grade 3b
WACP7C-6 484400 371998	35	V Dk Gr Br	10yr32		MSL	1	1			II	1	3a	3a	DR
	42	Li Br Gr	10yr62		FS	1	1	o	no	Droughtiness Calculation				
	69	Yl Rd + Li Rd Br	5yr46	5yr63	MS			xxx	no	MDW 116	MDP 110	MBW 0.429	MBP -24.931	Grade 3a
WACP7C-7 484502 371994	120	Gr	10yr61		C			xxx	yes					
	40	V Dk Gr	10yr31		MSL					I	1	3a	3a	DR
	100	Li Br Gr	10yr62		MS			x	no	Droughtiness Calculation				
WACP8A-1 483600 371913	100	Gr	10yr51		MS			o	no	MDW 116	MDP 110	MBW -14.4	MBP -25.2	Grade 3a
	37	Dk Br	10yr33		LMS					I	1	3b	3b	DR
	120	Gr Br	10yr52		LMS			o	no	Droughtiness Calculation				
WACP8A-2 483702 371909	80	Dk Yl Br + Li Yl Br	10yr46	10yr64	LMS			x	no	MDW 116	MDP 110	MBW 27.06	MBP -38.14	Grade 3b
	120	Dk Yl Br	10yr46		LFS			x	no					
	39	Dk Br	10yr33		MSL					I	1	3a	3a	DR
WAP2A-1 483501 372208	120	Dk Yl Br	10yr46		LMS			x	no	Droughtiness Calculation				
	80	Dk Yl Br + Li Yl Br	10yr46	10yr64	LMS			x	no	MDW 116	MDP 110	MBW 43.82	MBP -21.38	Grade 3a
	120	Dk Yl Br	10yr46		LFS			x	no					
WAP2A-2 483600 372198	38	Dk Gr Br	10yr42		MSL	1	1			III	2	2	2	DR,WE
	120	Li Gn Gr	5gy71		C			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 12.592	MBP -4.408	Grade 2
WAP2A-3 483502 372101	39	Br	10yr43		LMS	1	2			I	1	3b	3b	DR
	44	Br	10yr43		LMS	1	2	o	no	Droughtiness Calculation				
	110	Yl Br	10yr56		LCS	2	2	o	no	MDW 116	MDP 110	MBW -25.17	MBP -39.682	Grade 3b
WAP2A-4 483602 372105	45	Dk Gr Br	10yr42		MSL	1	2			II	1	2	2	DR
	120	Li Gn Gr	5gy71		C			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 15.37	MBP -1.63	Grade 2
WAP2A-4 483602 372105	40	Dk Br	10yr33		LMS					I	1	3b	3b	DR
	120	Br	10yr53		MS			o	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -30.4	MBP -41.2	Grade 3b

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WAP3A-1 483600 372000	35	Dk Br	75yr32		LMS	1	1			I	1	3b	3b	DR
	67	Rd Gr	5yr52		LMS	1	1	xxx	no	Droughtiness Calculation				
	120	Pi Gr + Rd Br	75yr72	5yr53	MS			xxx	no	MDW 116	MDP 110	MBW -30.9308	MBP -40.4048	Grade 3b
WAP3A-2 483693 372003	37	Dk Br	10yr33		LMS					I	1	3a	3a	DR
	47	Dk Br	10yr33		LMS			o	no	Droughtiness Calculation				
	120	Gr Br	10yr52		LFS			o	no	MDW 116	MDP 110	MBW 34.8	MBP -20.2	Grade 3a
	120	Dk Yl Br	10yr46		LFS			x	no					
WAP3A-3 483800 371998	33	V Dk Gr Br	10yr32		LMS	1	1			I	1	3b	3b	DR
	45	Gr	10yr61		LMS			x	no	Droughtiness Calculation				
	61	Rd Gr + Gr	5yr52	10yr61	LMS			xxx	no	MDW 116	MDP 110	MBW -29.576	MBP -42.296	Grade 3b
	85	Li Br Gr	10yr62		MS			xxx	no					
	120	Gr	10yr51		LMS									
WAP3A-4 483887 372004	39	Dk Br	10yr33		LMS					I	1	3b	3b	DR
	120	St Br	75yr46		LMS			o	no	Droughtiness Calculation				
	80	Dk Yl Br + Li Yl Br	10yr46	10yr64	LMS			x	no	MDW 116	MDP 110	MBW 28.22	MBP -36.98	Grade 3b
	120	Dk Yl Br	10yr46		LFS			x	no					
WAR1-1 484302 373693	30	Dk Gr Br	10yr42		MSL	1	1			I	1	3a	3a	DR
	45	Br	10yr53		LMS			x	no	Droughtiness Calculation				
	60	Li Br Gr	10yr62		SCL	2	2	xx(x)	no	MDW 116	MDP 110	MBW	MBP	Grade
	70	Rd Br	5yr43		SC	2	2	xxxx	no					
	120	Br Yl	10yr68		MS									
WAR1-2 484395 373699	34	Dk Gr Br	10yr42		MSL	2	2			I	1	3a	3a	DR
	65	Br Yl	10yr68		LMS	2	2	x	no	Droughtiness Calculation				
	75	Li Br Gr	10yr62		SCL	2	2	xx(x)	no	MDW 116	MDP 110	MBW	MBP	Grade
	100	Li Br Gr	10yr62		MS			o	no					
WAR1-3 484492 373694	34	Dk Gr Br	10yr42		SCL					III	3a	2	3a	WE
	100	Gr	10yr61		SCL	1	1	xxxx	yes	Droughtiness Calculation				
										MDW 116	MDP 110	MBW	MBP	Grade
WAR1-4 484202 373602	36	Dk Gr Br	10yr42		MSL	1	1			I	1	3b	3b	DR
	100	Gr	10yr61		MS			x	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW	MBP	Grade
WAR1-5 484291 373607	38	Dk Gr Br	10yr42		MSL	2	2			I	1	3a	3a	DR
	100	Li Br Gr	10yr62		MS	2	1	x	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW	MBP	Grade

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WAR1-6 484412 373597	39	Dk Gr Br	10yr42		SCL					I	1	3a	3a	DR
	60	Br Yl	10yr68		MSL			x	no	Droughtiness Calculation				
	100	Li Br Gr	10yr62		MS			xx	no	MDW 116	MDP 110	MBW	MBP	Grade
WAR1-7 484465 373601	40	Dk Gr Br	10yr42		SCL					I	1	3a	3a	DR
	120	Li Br Gr	10yr62		MS			xx	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW	MBP	Grade
WAR1-8 484194 373505	40	Dk Gr Br	10yr42		MSL	2	2			I	1	3a	3a	DR
	100	Br Yl	10yr68		MS	2	1	x	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW	MBP	Grade
WAR1-9 484288 373534	39	Dk Gr Br	10yr42		MSL	1	1			I	1	3a	3a	DR
	100	Li Br Gr	10yr62		MS			xx	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW	MBP	Grade
WAT2A-1 482898 371602	44	Dk Br	75yr33		SCL					II	2	2	2	DR,WE
	62	Br	75yr44		SCL			o	no	Droughtiness Calculation				
	120	St Br + Br	75yr46	75yr53	C			xxx	yes	MDW 116	MDP 110	MBW 20.4	MBP 2.2	Grade 2
WAT2A-2 483000 371600	39	Br	10yr43		SCL					I	1	2	2	DR
	45	Br	10yr43		SCL			o	no	Droughtiness Calculation				
	62	Br	75yr43		SCL			o	no	MDW 116	MDP 110	MBW 36.8	MBP 2.8	Grade 2
WAT2A-3 483097 371606	42	Dk Br	75yr33		SCL	1	1			I	1	2	2	DR
	78	Rd Br + Gr	5yr44	75yr51	SCL			x	no	Droughtiness Calculation				
	120	Rd Br + Br	5yr44	75yr53	C			xxx	yes	MDW 116	MDP 110	MBW 24.128	MBP 2.728	Grade 2
WAT2A-4 483200 371600	37	Dk Br	75yr33		SCL	1	1			III	3a	2	3a	WE
	55	Rd Br	5yr44		C	1	1	x	no	Droughtiness Calculation				
	100	Rd Br	5yr44		C	1	1	xxx	yes	MDW 116	MDP 110	MBW 11.597	MBP -5.188	Grade 2
WAT2A-5 482902 371518	38	Dk Br	75yr33		SCL	1	1			III	3a	2	3a	WE
	120	Rd Br + Gr	5yr44	75yr51	C			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 12.592	MBP -4.408	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WAT2A-6 482998 371512	39	Dk Br	75yr33		SCL	1	1			III	3a	2	3a	WE
	120	Gr + Br	75yr51	75yr53	ZC			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 11.876	MBP -7.124	Grade 2
WAT2A-7 483101 371493	40	Dk Br	10yr33		SCL	1	1			II	2	2	2	DR,WE
	65	Rd Br	5yr43		HCL			o	no	Droughtiness Calculation				
	90	Rd Br	5yr44		C			xxx	yes	MDW 116	MDP 110	MBW 20.86	MBP 3.86	Grade 2
WAT2A-8 483199 371503	35	Dk Br	75yr33		SC	1	1			III	3b	2	3b	WE
	75	Rd + Pi Gr	25yr46	5yr62	C			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 11.44	MBP -5.56	Grade 2
WAT3A-1 483297 371604	35	Dk Br	10yr33		SCL	1	1			II	2	2	2	DR,WE
	50	Dk Br	75yr33		SCL			o	no	Droughtiness Calculation				
	90	Br + Gn Gr	75yr42	10y51	C			xxx	yes	MDW 116	MDP 110	MBW 14.44	MBP -2.56	Grade 2
WAT3A-2 483300 371600	48	Dk Br	75yr33		SCL	1	1			II	2	2	2	DR,WE
	120	Gr + Rd Br	75yr51	5yr44	C			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 16.432	MBP -0.568	Grade 2
WAT3A-3 483400 371600	39	Br	10yr43		FSL	3	1			I	1	3a	3a	DR
	42	Br	10yr43		FSL	3	1	o	no	Droughtiness Calculation				
	72	Dk Yl Br	10yr34		LMS	2	1	o	no	MDW 116	MDP 110	MBW 18.746	MBP -16.7404	Grade 3a
	85	Br	75yr44		SCL	6	1	x	no					
WAT3A-4 483307 371517	43	Dk Br	75yr33		SCL	1	1			II	2	2	2	DR,WE
	120	Rd Br + Gr	5yr44	75yr51	C			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 14.512	MBP -2.488	Grade 2
WAT3A-5 483402 371511	45	Dk Br	75yr33		SCL	1	2					3b	3b	DR
										Droughtiness Calculation				
										MDW 116	MDP 110	MBW -40.13	MBP -34.13	Grade 3b
WAT4A-1 483590 371705	38	Dk Br	10yr33		MSL					I	1	3a	3a	DR
	85	Yl Br	10yr54		LMS			x	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -9.16	MBP -22.36	Grade 3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WAT4A-2 483584 371605	39	V Dk Gr Br	10yr32		MSL					II	1	2	2	DR
	65	Br	10yr53		MSL			xxx	no	Droughtiness Calculation				
	120	St Br + Br	75yr46	75yr52	SC			xxx	yes	MDW 116	MDP 110	MBW 27.3	MBP 1.8	Grade 2
WAT4A-3 483592 371519	36	V Dk Gr Br	10yr32		HCL	5	8			III	3b	2	3b	WE
	120	Gr Br + Gr	10yr52	10yr51	C			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 13.12	MBP -3.88	Grade 2
WAT5A-1 482907 371409	32	Br	10yr43		HCL	2	2			III	3b	2	3b	WE
	100	Rd Br	5yr43		C			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 13.04	MBP -3.96	Grade 2
WAT5A-2 483000 371398	36	Dk Br	10yr33		MZCL	2	1			II	2	2	2	DR,WE
	62	Br	75yr42		MZCL	1	1	xx	no	Droughtiness Calculation				
	110	Gn Gr + Dk Br	10gy61	75yr33	ZC			xxx	yes	MDW 116	MDP 110	MBW 27.166	MBP 10.488	Grade 2
WAT5A-3 483105 371407	31	Br	10yr43		SCL					III	3a	2	3a	WE
	100	Rd Br	5yr43		SC			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 17.4	MBP -6.6	Grade 2
WAT5A-4 483200 371400	29	Dk Br	75yr33		ZC	2	1			III	3b	3a	3b	WE
	110	Dk Rd Br	5yr33		ZC	1	1	xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 5.886	MBP -12.879	Grade 3a
WAT5A-5 483302 371404	30	Br	10yr43		HCL					III	3b	2	3b	WE
	42	Rd Br	5yr43		HCL	2	2	xxx	no	Droughtiness Calculation				
	100	Rd Br	5yr43		SC			xxx	yes	MDW 116	MDP 110	MBW 23.288	MBP -0.712	Grade 2
WAT5A-6 483400 371398	37	Dk Br	75yr33		MZCL	6	1			II	2	2	2	DR,WE
	68	Dk Br	75yr32		MCL	4	1	xx	no	Droughtiness Calculation				
	92	Li Gn Gr	5gy71		HCL			xxx	yes	MDW 116	MDP 110	MBW 39.64	MBP 7.244	Grade 2
WAT5A-7 483501 371401	30	Br	10yr53		HCL-C					III	3b	2	3b	WE
	100	Li Br Gr	10yr62		C			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 13	MBP -4	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WAT5A-8 482907 371307	36	Br	10yr43		SCL					II	2	2	2	DR,WE
	45	Br	75yr43		SCL			xxx	no	Droughtiness Calculation				
	70	Rd Br	5yr43		SCL			o	no	MDW	MDP	MBW	MBP	Grade
	100	Rd Br	5yr43		SC			xxx	yes	116	110	26.2	2.2	2
WAT5A-9 483003 371307	37	Br	10yr43		SCL					III	3a	2	3a	WE
	55	Rd Br	5yr43		SC			xxx	no	Droughtiness Calculation				
	100	Rd Br + Li Gr Gn	5yr43	5gy62	C			xxx	yes	MDW	MDP	MBW	MBP	Grade
										116	110	13.3	-4.2	2
WAT5A-10 483098 371303	30	Dk Br	10yr33		HCL					III	3b	2	3b	WE
	52	Yl Br	10yr56		HCL			xxx	yes	Droughtiness Calculation				
	73	Yl Br	10yr56		CSL			o	no	MDW	MDP	MBW	MBP	Grade
	120	Rd Br	5yr44		C			xxx	yes	116	110	28	8	2
WAT5A-11 483198 371299	38	Dk Br	10yr33		HCL					III	3b	2	3b	WE
	51	Yl Br	10yr56		HCL			xxx	yes	Droughtiness Calculation				
	85	Yl Br	10yr56		CSL			o	no	MDW	MDP	MBW	MBP	Grade
	120	Rd Br	5yr44		C			xxx	yes	116	110	34.5	9.6	2
WAT5A-12 483291 371299	29	Br	10yr43		SCL					III	3a	2	3a	WE
	100	Li Yl Br	10yr64		SC			xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	16.6	-7.4	2
WAT5A-13 483398 371305	30	Br	10yr53		C					III	3b	3a	3b	WE
	60	Li Br Gr	10yr62		C			xxx	yes	Droughtiness Calculation				
	75	Gr	10yr61		SC	20	1	xxx	yes	MDW	MDP	MBW	MBP	Grade
										116	110	7	-9.4	2
WAT5A-14 482902 371204	31	Br	10yr43		SCL					III	3a	2	3a	WE
	100	Rd Br	5yr43		C			xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	10.4	-6.6	2
WAT5A-15 483000 371198	39	Br	10yr43		MZCL	2	1			I	1	2	2	DR
	44	Br	10yr43		MZCL	2	1	o	no	Droughtiness Calculation				
	65	Yl Br	10yr54		HZCL			xx	no	MDW	MDP	MBW	MBP	Grade
	73	V Dk Br	10yr22		LMS			xx	no	116	110	16.636	10.336	2
WAT5A-16 483095 371201	110	Gr + St Br	10yr61		LMS									
	31	Br	10yr43		SCL					III	3a	3a	3a	DR,WE
	75	Pl Br	10yr63		SC			xxx	yes	Droughtiness Calculation				
	100	Pl Br	10yr63		MS			o	no	MDW	MDP	MBW	MBP	Grade
										116	110	-0.6	-6.6	3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WAT5A-17 483200 371200	34	Br	10yr43		FSZL	3	1			I	1	2	2	DR
	61	Dk Yl Br	10yr44		MSZL	1	1	x	no	Droughtiness Calculation				
	93	Br	75yr54		LMS	1	1	xx	no	MDW 116	MDP 110	MBW 23.6469	MBP 14.5484	Grade 2
WAT5A-18 483296 371200	40	Br	10yr43		SCL					I	1	2	2	DR
	75	Rd Br	5yr43		SCL			xxx	no	Droughtiness Calculation				
	100	Pl Br	10yr63		MS			o	no	MDW 116	MDP 110	MBW 10	MBP 3	Grade 2
WAT5A-19 483400 371200	28	V Dk Gr Br	10yr32		MSZL	4	1			II	1	2	2	DR
	41	Br	10yr43		SCL	2	1	o	no	Droughtiness Calculation				
	76	Gn Gr + Rd Yl	10y51	75yr68	MZCL			xxx	yes	MDW 116	MDP 110	MBW 39.62	MBP 9.62	Grade 2
	97	Br	10yr43		SCL			x	no					
WAT5B-1 483602 371396	39	Dk Br	10yr33		MSL	3	1			I	1	3a	3a	DR
	50	Dk Br	10yr33		MSL	3	1	o	no	Droughtiness Calculation				
	62	Li Br Gr + Br Yl	10yr62	10yr68	LMS	2	1	xxx	no	MDW 116	MDP 110	MBW -2.55	MBP -15.39	Grade 3a
WAT5B-2 483501 371301	32	Dk Gr Br	10yr42		MSL					III	2	3a	3a	DR
	50	Pl Br	10yr63		LMS			xxx	no	Droughtiness Calculation				
	70	Gr	10yr51		C	5	3	xxx	yes	MDW 116	MDP 110	MBW -1.39	MBP -17.54	Grade 3a
WAT5B-3 483599 371305	35	Dk Gr Br	10yr42		MSL					I	1	3a	3a	DR
	55	Pl Br	10yr63		LMS	2	1	xxx	no	Droughtiness Calculation				
	120	Pl Br	10yr63		LMS	5	1	xxx	no	MDW 116	MDP 110	MBW -13.766	MBP -26.036	Grade 3a
WAT5B-4 483694 371302	40	Dk Br	75yr32		LMS	1	1			I	1	3b	3b	DR
	120	Gr Br	10yr52		LMS			x	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -23.68	MBP -36.88	Grade 3b
WE3B-1 483100 373602	30	Dk Rd Br	5yr32		MCL	1	1			I	1	2	2	DR
	45	Rd Br	5yr44		SCL			xxx	no	Droughtiness Calculation				
	62	Dk Rd Br	5yr33		MCL	1	3	xxx	no	MDW 116	MDP 110	MBW 37.37	MBP 5.69	Grade 2
WE3B-2 483200 373600	37	V Dk Gr Br	10yr32		SCL	3	2			II	2	2	2	DR,WE
	75	Dk Rd Br	5yr34		C	1	2	o	no	Droughtiness Calculation				
	100	Dk Rd Br	5yr34		FS	1	2	o	no	MDW 116	MDP 110	MBW 33.041	MBP -6.084	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WE3B-3 483299 373609	30	Dk Rd Br	5yr32		MSL	1	1			I	1	3a	3a	DR
	45	Rd Br	5yr44		LMS			xxx	no	Droughtiness Calculation				
	62	Dk Rd Br	5yr33		MCL	1	3	xxx	no	MDW 116	MDP 110	MBW 22.7	MBP -8.98	Grade 2
WE3B-4 483400 373598	38	V Dk Gr Br	10yr32		FSL	1	2			I	1	2	2	DR
	100	Dk Yl Br	10yr34		LFS	1	2	o	no	Droughtiness Calculation				
	120	Li Br Gr	10yr62		FS	1	2	o	no	MDW 116	MDP 110	MBW 57.936	MBP 5.446	Grade 2
WE3B-5 483005 373497	30	Dk Rd Br	5yr32		MCL	1	1			III	3a	2	2	WE
	50	Dk Rd Gr + Li Gr	5yr42	5y71	HCL			xxx	yes	Droughtiness Calculation				
	75	Dk Rd Br	5yr33		C	2	3	xxx	yes	MDW 116	MDP 110	MBW 17.79	MBP 1.13	Grade 2
WE3B-6 483100 373507	36	Dk Rd Br	5yr32		MCL	1	1			III	3a	2	3a	WE
	45	Dk Rd Br	5yr33		SCL			xxx	no	Droughtiness Calculation				
	90	Rd Br	5yr44		C	1	3	xxx	yes	MDW 116	MDP 110	MBW 16.793	MBP -0.037	Grade 2
WE3B-7 483200 373511	30	Dk Rd Br	5yr32		MCL	1	1			II	2	2	2	DR,WE
	61	Dk Rd Br	5yr33		MCL			xxx	no	Droughtiness Calculation				
	85	Rd Br	5yr44		SCL	1	3	xxx	no	MDW 116	MDP 110	MBW 28.798	MBP 6.491	Grade 2
WE3B-8 483298 373506	30	Dk Rd Br	5yr32		MSL	1	1			I	1	3a	3a	DR
	58	Rd Br	5yr44		LMS			o	no	Droughtiness Calculation				
	120	Dk Rd Br	5yr33		MSL			o	no	MDW 116	MDP 110	MBW 20.96	MBP -21.32	Grade 3a
WE3B-9 483405 373492	35	Dk Br	10yr33		LMS	1	1			I	1	3b	3b	DR
	69	Dk Br + Gr	75yr34	10yr51	LMS			xxx	no	Droughtiness Calculation				
	120	Br	75yr53		MS			o	no	MDW 116	MDP 110	MBW -30.6	MBP -39.88	Grade 3b
WE3B-10 483496 373501	34	V Dk Gr Br	10yr32		LMS	1	1			I	1	3b	3b	DR
	120	St Br + Gr	75yr56	10yr51	MS			o	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -35.248	MBP -46.048	Grade 3b
WE3B-11 483000 373398	35	V Dk Gr Br	10yr32		FSL	1	2			II	1	2	2	DR
	75	Dk Rd Br	5yr34		C	1	2	x	no	Droughtiness Calculation				
	120	Dk Rd Br	5yr34		FSL	1	2	o	no	MDW 116	MDP 110	MBW 41.205	MBP -2.375	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WE3C-10 483410 373299	36	V Dk Gr Br	10yr32		MSL					II	1	2	2	DR
	61	V Dk Gr Br + Yl Br	10yr32	10yr54	MSL			o	no	Droughtiness Calculation				
	70	Br + Gr Br	75yr44	10yr52	SCL			xxx	no	MDW	MDP	MBW	MBP	Grade
	105	Gr	75yr51		SC			xxx	yes	116	110	27.3	2.2	2
WE3C-11 483504 373298	35	V Dk Gr Br	10yr32		MSL	1	1			II	1	3a	3a	DR
	41	Dk Br + Yl Br	10yr33	10yr54	MSL	1	1	o	no	Droughtiness Calculation				
	65	Br	75yr44		C	50	3	xxx	yes	MDW	MDP	MBW	MBP	Grade
	120	Dk Gr	10yr41		C	80	3	xxx	yes	116	110	-17.244	-18.844	3a
WE3C-12 483580 373304	35	V Dk Gr Br	10yr32		MSL	1	1			I	1	2	2	DR
	105	Dk Br + Yl Br	10yr33	10yr54	MSL	1	1	o	no	Droughtiness Calculation				
	120	Br + Dk Br	75yr44	75yr34	MS	5	1	o	no	MDW	MDP	MBW	MBP	Grade
										116	110	30.8825	0.95	2
WE4A-1 483702 373604	40	Dk Gr Br	10yr42		MSL					I	1	3a	3a	DR
	100	V Pl Br	10yr73		MS			xx(x)	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	-14.4	-25.2	3a
WE4A-2 483602 373496	38	Dk Gr Br	10yr42		MSL					I	1	3a	3a	DR
	50	Br	10yr53		LMS			xx(x)	no	Droughtiness Calculation				
	100	Yl Br	10yr56		MS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	110	-14.76	-25.56	3a
WE4A-3 483705 373511	28	Dk Gr Br	10yr42		MSL	1	1			I	1	3b	3b	DR
	50	Br	10yr53		LMS			xx(x)	no	Droughtiness Calculation				
	100	V Pl Br	10yr73		MS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	110	-25.008	-35.808	3b
WE4A-4 483600 373400	38	V Dk Gr Br	10yr32		MSL	1	2			I	1	3b	3b	DR
	95	Yl Br	10yr56		MS	1	2	o	no	Droughtiness Calculation				
	120	Li Br Gr	10yr62		MS	1	2	o	no	MDW	MDP	MBW	MBP	Grade
										116	110	-17.4184	-28.1144	3a
WE4B-1 483505 373707	32	Dk Gr Br	10yr42		MSL	1	1			I	1	3b	3b	DR
	55	Br	10yr53		LMS			x	no	Droughtiness Calculation				
	100	V Pl Br	10yr73		MS			xx(x)	no	MDW	MDP	MBW	MBP	Grade
										116	110	-20.752	-31.152	3b
WE4C-1 483506 373769	32	Dk Gr Br	10yr42		MSL					I	1	3b	3b	DR
	55	Gr Br	10yr52		LMS			xx(x)	no	Droughtiness Calculation				
	100	V Pl Br	10yr73		MS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	110	-20.24	-30.64	3b

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WE4D-1 483611 373893	36	Dk Gr Br	10yr42		MSL					I	1	3b	3b	DR
	100	Br Yl	10yr66		MS	1	1	xx(x)	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -19.2792	MBP -29.9232	Grade 3a
WE4D-2 483600 373800	30	V Dk Gr Br	10yr32		LMS	1	1			I	1	3b	3b	DR
	42	Br	75yr44		LMS	1	1	o	no	Droughtiness Calculation				
	79	Br	75yr44		LMS	1	1	xx	no	MDW 116	MDP 110	MBW -29.9764	MBP -42.816	Grade 3b
	100	Pi Gr	75yr62		LMS	2	1	xxx	no					
WE4D-3 483698 373810	29	Dk Gr Br	10yr42		MSL					I	1	3b	3b	DR
	55	Br Yl	10yr66		LMS			xx(x)	no	Droughtiness Calculation				
	75	Li Yl Br	10yr64		MS			xx	no	MDW 116	MDP 110	MBW -19.58	MBP -33.58	Grade 3b
	100	Br Yl	10yr66		LMS			xx(x)	no					
WE4D-4 483598 373712	32	Dk Gr Br	10yr42		MSL	1	1			I	1	3b	3b	DR
	45	Br	10yr53		LMS			xx(x)	no	Droughtiness Calculation				
	100	V Pl Br	10yr73		MS			xxx	no	MDW 116	MDP 110	MBW -21.952	MBP -32.752	Grade 3b
WE4D-5 483703 373720	39	Dk Gr Br	10yr42		MSL	1	1			I	1	3a	3a	DR
	70	Br Yl	10yr66		LMS			xx(x)	no	Droughtiness Calculation				
	100	V Pl Br	10yr73		MS			xxx	no	MDW 116	MDP 110	MBW -12.804	MBP -22.004	Grade 3a
WE4D-6 483604 373601	32	V Dk Gr Br	10yr32		LMS	1	1			I	1	3b	3b	DR
	44	Br	75yr44		LMS	1	1	o	no	Droughtiness Calculation				
	73	Rd Br	5yr44		LMS	1	1	xxx	no	MDW 116	MDP 110	MBW -32.2004	MBP -41.6672	Grade 3b
	100	Br	75yr54		MS			x	no					
WE5A-1 483993 373973	32	V Dk Gr Br	10yr32		LMS	1	1			I	1	3b	3b	DR
	45	Br	10yr53		LMS			o	no	Droughtiness Calculation				
	54	Yl Br	10yr56		LMS			o	no	MDW 116	MDP 110	MBW 2.936	MBP -41.424	Grade 3b
	82	Yl Br + Gr	10yr56	10yr51	LMS			xxx	no					
	120	Gr	10yr61		LFS									
WE5A-2 483799 373901	40	Br	10yr43		MSL	1	1			I	1	3a	3a	DR
	48	Br	75yr43		SCL			xxx	no	Droughtiness Calculation				
	83	Li Br	75yr64		LMS			o	no	MDW 116	MDP 110	MBW -4.56	MBP -14.8	Grade 3a
	120	Li Br	75yr63		MS			o	no					
WE5A-3 483900 373903	30	Br	10yr43		MSL	1	1			I	1	3b	3b	DR
	61	Li Br	75yr64		MS			o	no	Droughtiness Calculation				
	120	Br	75yr54		LMS			o	no	MDW 116	MDP 110	MBW -21.56	MBP -35.64	Grade 3b
	120	Li Br	75yr63		MS			xxx	no					

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WE5A-4 484000 373905	32	Dk Br	10yr33		MSL	1	1			I	1	3b	3b	DR
	100	Br	75yr53		CS			xxx	no	Droughtiness Calculation				
	120	Li Br	75yr63		MS			o	no	MDW 116	MDP 110	MBW -38.912	MBP -40.912	Grade 3b
WE5A-5 483800 373800	26	Dk Br	75yr32		CSL	1	1			I	1	3a	3a	DR
	50	Br	75yr42		LCS			o	no	Droughtiness Calculation				
	62	Gr	10yr51		MSL			xxx	no	MDW 116	MDP 110	MBW 10.344	MBP -16.056	Grade 3a
	90	Gr	10yr61		FSZL			xxx	no					
	120	Dk Yl Br	10yr44		MS									
WE5A-6 483899 373803	30	Gr Br	10yr52		MSL	1	1			I	1	3b	3b	DR
	41	Li Br Gr	10yr62		MSL			xxx	no	Droughtiness Calculation				
	120	Br + Gr Br	75yr54	10yr52	CS			xxx	no	MDW 116	MDP 110	MBW -22.98	MBP -31.38	Grade 3b
	120	Li Br	75yr63		MS			o	no					
WE5A-7 484000 373800	37	Dk Br	10yr33		LCS					I	1	3b	3b	DR
	74	St Br + Dk Gr	75yr46	75yr41	LCS			o	no	Droughtiness Calculation				
	110	Li Yl Br + Dk Gr	10yr64	75yr41	LCS			xxx	no	MDW 116	MDP 110	MBW -33.38	MBP -48.18	Grade 3b
WE5A-8 483900 373707	36	Dk Br	10yr33		MSL	1	1			I	1	3a	3a	DR
	83	Yl Br	10yr54		LCS			xxx	no	Droughtiness Calculation				
	120	Yl Br	10yr54		MSL			xxx	no	MDW 116	MDP 110	MBW 10.124	MBP -27.616	Grade 3a
	120	Li Br	75yr63		MS			o	no					
WE5A-9 484000 373703	37	Dk Br	10yr33		LCS	1	1			I	1	4	4	DR
	83	Pl Br	10yr63		CS			xxx	no	Droughtiness Calculation				
	120	Yl Br	10yr54		CS			xxx	no	MDW 116	MDP 110	MBW -48.07	MBP -56.47	Grade 4
	120	Li Br	75yr63		MS			o	no					
WE6A-1 482894 373005	35	Dk Gr Br	10yr42		MSL	2	1			III	2	3a	3a	DR
	40	Br	10yr53		LMS	20	1	o	no	Droughtiness Calculation				
	100	Li Gr Gn + Rd Br	5gy62	5yr43	C	5	3	xxx	yes	MDW 116	MDP 110	MBW 5.14	MBP -11.01	Grade 3a
WE6A-2 483000 373000	32	Dk Br	75yr32		MSZL					III	2	2	2	DR,WE
	70	Rd Br	5yr43		C	10	1	xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 10.49	MBP -4.36	Grade 2
WE6A-3 483097 373005	25	Dk Gr Br	10yr42		MSL	2	1			III	2	2	2	DR,WE
	50	Br	10yr43		SCL			xx	no	Droughtiness Calculation				
	100	Li Gr Gn	5gy62		C			xxx	yes	MDW 116	MDP 110	MBW 12.2	MBP -4.8	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WE6A-4 483200 373000	30	V Dk Gr Br	10yr32		SCL					II	2	2	2	DR,WE
	41	Dk Br + Gr Br	10yr33	10yr52	SCL			xxx	no	Droughtiness Calculation				
	76	Br + Li Gr	75yr44	n7	C			xxx	yes	MDW	MDP	MBW	MBP	Grade
	120	Li Gr	n7		ZC			o	no	116	110	12.2	-4.8	2
WE6A-5 482909 372907	31	Dk Gr Br	10yr42		MSL	2	1			I	1	3a	3a	DR
	52	Br	10yr43		MSL	5	1	o	no	Droughtiness Calculation				
	70	Br	75yr43		LMS	8	8	x	no	MDW	MDP	MBW	MBP	Grade
	85	Gr Br	10yr52		LMS	8	8	xxx	no	116	110	4.257	-16.1084	3a
WE6A-6 483005 372916	40	Dk Gr Br	10yr42		MSL	2	1			III	2	2	2	DR,WE
	60	Li Gr Gn	5gy62		ZC			xxx	yes	Droughtiness Calculation				
	100	Li Gr Gn	5gy62		MZCL			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	110	29.72	-2.28	2
WE6A-7 483103 372919	33	Dk Gr Br	10yr42		MSL	2	1			I	1	3a	3a	DR
	50	Br	10yr43		MSL	5	1	o	no	Droughtiness Calculation				
	70	V Dk Gr Br	10yr32		LMS	10	1	o	no	MDW	MDP	MBW	MBP	Grade
	100	Li Gr Gn	5gy62		C			xxx	yes	116	110	7.074	-17.526	3a
WE6A-8 483206 372915	38	Dk Gr Br	10yr42		SCL	2	1			III	3a	2	3a	WE
	100	Li Gr Gn	5gy62		C			xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	11.984	-5.016	2
WE6B-1 483296 373106	35	Dk Gr Br	10yr42		SCL	1	1			II	2	2	2	DR,WE
	70	Rd Br	5yr43		SCL			xxx	no	Droughtiness Calculation				
	100	Rd Br	5yr43		C			xxx	yes	MDW	MDP	MBW	MBP	Grade
										116	110	20.44	1.44	2
WE6B-2 483398 373105	33	Dk Gr Br	10yr42		SCL	2	1			III	3a	2	3a	WE
	100	Li Gr Gn + Rd Br	5gy62	5yr43	C			xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	10.144	-6.856	2
WE6B-3 483498 373106	35	Dk Gr Br	10yr42		SCL	2	1			III	3a	3a	3a	DR,WE
	40	Pl Br	10yr63		MS	10	1	o	no	Droughtiness Calculation				
	70	Li Gr Gn	5gy62		C			xxx	yes	MDW	MDP	MBW	MBP	Grade
	120	Li Gr Gn	5gy62		ZC			xxx	yes	116	110	6.94	-10.06	3a
WE6B-4 483597 373119	35	Dk Gr Br	10yr42		MSL	2	1			I	1	3a	3a	DR
	80	Br	10yr43		LMS			o	no	Droughtiness Calculation				
	100	Pl Br	10yr63		MS			o	no	MDW	MDP	MBW	MBP	Grade
										116	110	-16.42	-26.42	3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WE6B-5 483298 373000	35	Dk Gr Br	10yr42		MSZL	2	1			II	1	2	2	DR
	60	Br	10yr43		SCL			xxx	no	Droughtiness Calculation				
	100	Rd Br + Li Gr Gn	5yr43	5gy62	C			xxx	yes	MDW 116	MDP 110	MBW 23.74	MBP 5.74	Grade 2
WE6B-6 483400 372998	36	Dk Br	75yr32		MSL	1	1			II	1	2	2	DR
	55	Dk Rd Br	5yr34		C			o	no	Droughtiness Calculation				
	90	Dk Rd Br	5yr34		C			xxx	no	MDW 116	MDP 110	MBW 11.824	MBP -5.176	Grade 2
WE6B-7 483503 373013	40	Dk Gr Br	10yr42		MSL	2	1			II	1	3a	3a	DR
	70	Br	10yr43		LMS			o	no	Droughtiness Calculation				
	100	Li Gr Gn	5gy62		C			xxx	yes	MDW 116	MDP 110	MBW 2.52	MBP -21.68	Grade 3a
WE6B-8 483600 373000	30	Dk Br	75yr32		LMS	2	1			I	1	3b	3b	DR
	46	Dk Br	75yr34		LMS	3	1	o	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -31.028	MBP -43.688	Grade 3b
WE6B-9 483303 372909	33	Dk Gr Br	10yr42		SCL	2	1			I	1	3a	3a	DR
	60	Br	10yr43		SCL			o	no	Droughtiness Calculation				
	100	Br	10yr43		LMS			o	no	MDW 116	MDP 110	MBW 3.344	MBP -7.256	Grade 3a
WE6C-1 482904 372805	37	Dk Gr Br	10yr42		LMS	1	1			III	2	3a	3a	DR
	64	Gr Br	25y52		C	5	3	xxx	yes	Droughtiness Calculation				
	79	Br	75yr53		SCL			xxx	no	MDW 116	MDP 110	MBW 1.121	MBP -19.459	Grade 3a
	120	Gr	5y61		C			xxx	yes					
WE6C-2 483000 372798	37	Dk Br	75yr32		MSL					III	2	2	2	DR,WE
	50	Br	75yr43		MSL	1	1	x	no	Droughtiness Calculation				
	100	Ol Gr + Rd Br	5y52	5yr43	C			xxx	yes	MDW 116	MDP 110	MBW 15.218	MBP -1.782	Grade 2
WE6C-3 483103 372805	33	Dk Gr Br	10yr42		SCL	1	1			III	3a	3a	3a	DR,WE
	80	Li Gn Gr	10y71		ZC			xxx	yes	Droughtiness Calculation				
	79	Br	75yr53		SCL			xxx	no	MDW 116	MDP 110	MBW 8.672	MBP -10.028	Grade 3a
	120	Gr	5y61		C			xxx	yes					
WE6C-4 483200 372800	27	Br	10yr43		SC	2	2			III	3b	3a	3b	WE
	90	Li Gn Gr	10gy81		C			xxx	yes	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 8.044	MBP -8.956	Grade 2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WE6C-5 483202 372711	36	Dk Gr Br	10yr42		SCL	1	1			III	3a	3a	3a	DR,WE
	70	Li Gn Gr	10y71		ZC			xxx	yes	Droughtiness Calculation				
	79	Br	75yr53		SCL			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Gr	5y61		C			xxx	yes	116	110	13.124	-8.576	2
WE6D-1 483403 372892	39	V Dk Gr Br	10yr32		SCL					II	2	2	2	DR,WE
	47	V Dk Gr Br	10yr32		SCL			x	no	Droughtiness Calculation				
	120	Gn Gr	5g51		ZC			xxx	yes	MDW	MDP	MBW	MBP	Grade
										116	110	14.9	-4.1	2
WE6D-2 483500 372893	39	V Dk Gr Br	10yr32		SCL	1	1			II	2	2	2	DR,WE
	44	V Dk Gr Br	10yr32		SCL			x	no	Droughtiness Calculation				
	120	Gn Gr	5g51		ZC			xxx	yes	MDW	MDP	MBW	MBP	Grade
										116	110	13.376	-5.624	2
WE6D-3 483602 372893	39	V Dk Gr Br	10yr32		MSL	2	1			I	1	3a	3a	DR
	52	V Dk Gr Br	10yr32		MSL			o	no	Droughtiness Calculation				
	76	Br	75yr44		LMS	5	1	x	no	MDW	MDP	MBW	MBP	Grade
	120	Gn Gr	10g51		ZC			xxx	yes	116	110	9.544	-13.064	3a
WE6D-4 483298 372807	35	Dk Gr Br	10yr42		MSL	1	1			III	2	2	2	DR,WE
	120	Br	75yr42		C	4	3	xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
	120	Gr	5y61		C			xxx	yes	116	110	9.5	-6.82	2
WE6D-5 483400 372798	35	Dk Gr Br	10yr42		MSL	1	1			II	1	2	2	DR
	60	Br	75yr42		SCL	5	2	x	no	Droughtiness Calculation				
	75	Rd Br	5yr43		SCL	5	2	xxx	no	MDW	MDP	MBW	MBP	Grade
	100	Rd Br	5yr43		C			xxx	yes	116	110	20.04	-0.66	2
WE6D-6 483502 372806	35	Dk Gr Br	10yr42		MSL	1	1			III	2	3a	3a	DR
	65	Br	10yr43		LMS	7	8	xxx	no	Droughtiness Calculation				
	100	Gn Gr	10gy61		ZC			xxx	yes	MDW	MDP	MBW	MBP	Grade
	120	Gr	5y61		C			xxx	yes	116	110	-1.568	-24.636	3a
WE6D-7 483600 372798	37	Br	75yr43		MSL					II	1	3b	3b	DR
	70	Br	75yr54		MS	5	1	o	no	Droughtiness Calculation				
	100	Ol Gr	5y52		C			xxx	yes	MDW	MDP	MBW	MBP	Grade
										116	110	-3.492	-29.412	3a
WE6D-8 483302 372706	38	Dk Gr Br	10yr42		SCL	1	1			III	2	2	2	DR,WE
	85	Li Gn Gr + Dk Gr Br	10y71	10yr42	C			xxx	yes	Droughtiness Calculation				
	120	Dk Gr Br	10yr42		MSL			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Gr	5y61		C			xxx	yes	116	110	26.592	-4.408	2

Name	Depth (cm)	Colour	Munsell 1 Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WE6D-9 483401 372704	33	Dk Gr Br	10yr42	MSL	1	1			III	2	3a	3a	DR
	90	Li Gn Gr	10y71	ZC			xxx	yes	Droughtiness Calculation				
	79	Br	75yr53	SCL			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Gr	5y61	C			xxx	yes	116	110	5.672	-10.028	3a
WE6D-10 483502 372707	37	Dk Gr Br	10yr42	MSL	1	1			I	1	3a	3a	DR
	85	Br	75yr43	LMS			xxx	no	Droughtiness Calculation				
	105	Br	75yr44	SCL	2	1	xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Gr	5y61	C			xxx	yes	116	110	2.588	-23.932	3a
WE6D-11 483600 372710	33	Dk Gr Br	10yr42	MSL	1	1			III	2	3a	3a	DR
	69	Br	10yr43	LMS	2	8	xxx	no	Droughtiness Calculation				
	100	Gn Gr	10gy61	C			xxx	yes	MDW	MDP	MBW	MBP	Grade
	120	Gr	5y61	C			xxx	yes	116	110	-3.7104	-27.6112	3a
WE7A-1 483900 373000	39	V Dk Gr	10yr31	LMS	1	1			II	1	3b	3b	DR,FL
	55	Yl Br	10yr54	LMS	1	1	x	no	Droughtiness Calculation				
	70	Yl Br	10yr56	HCL	1	1	xxx	yes	MDW	MDP	MBW	MBP	Grade
	100	Li Br Gr	10yr62	MS	1	1	xx	no	116	110	-20.8629	-24.5754	3b
WE7A-2 483700 372900	39	V Dk Gr Br	10yr32	LMS	1	1			II	1	3b	3b	DR
	41	V Dk Gr Br	10yr32	LMS	1	1	o	no	Droughtiness Calculation				
	55	Yl Br	10yr54	MS	1	1	xx	no	MDW	MDP	MBW	MBP	Grade
									116	110	-31.596	-42.24	3b
WE7A-3 483800 372900	33	V Dk Gr Br	10yr32	LMS	1	1			I	1	3b	3b	DR
	55	Dk Br	75yr34	MS	2	1	xx	no	Droughtiness Calculation				
	80	Br Yl	10yr66	MS	2	1	xx	no	MDW	MDP	MBW	MBP	Grade
									116	110	-36.6432	-47.1312	3b
WE7A-4 483900 372900	33	V Dk Gr Br	10yr32	MSL	1	1			II	1	3a	3a	DR
	50	Li Yl Br	10yr64	SCL	1	1	xx	no	Droughtiness Calculation				
	70	Li Yl Br	10yr64	LMS	1	1	xx(x)	no	MDW	MDP	MBW	MBP	Grade
	100	Dk Gr	10yr41	C	1	1	xxxx	yes	116	110	9.021	-14.894	3a
WE7B-1 483700 372800	39	V Dk Gr Br	10yr32	LMS	1	1			II	1	3b	3b	DR
	70	Br	10yr43	LMS	1	1	x	no	Droughtiness Calculation				
	100	Li Yl Br	10yr64	MS	1	1	o	no	MDW	MDP	MBW	MBP	Grade
									116	110	-28.5864	-37.6464	3b
WE7B-2 483800 372798	32	Dk Br	75yr32	MSL	1	1			I	1	3b	3b	DR
	50	Yl Br	10yr54	LMS	2	1	xx	no	Droughtiness Calculation				
	100	Li Yl Br	10yr64	MS	3	1	xx	no	MDW	MDP	MBW	MBP	Grade
									116	110	-22.1384	-32.4704	3b

Name	Depth (cm)	Colour	Munsell 1 Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WE7C-4 484100 372800	23	V Dk Gr Br	10yr32	MCL	1	1			III	3a	2	3a	WE
	100	Gr	10yr61	C			xxx	yes	Droughtiness Calculation				
	68	Gr	10yr61	C	3	2	xxx	yes	MDW	MDP	MBW	MBP	Grade
	100	Rd Br	25yr44	C			xxx	yes	116	110	45.509	-5.291	2
WE7C-5 484100 372700	37	Dk Gr Br	10yr42	SCL	1	1			III	3a	3a	3a	DR,WE
	52	Gr	10yr51	HCL			xxx	yes	Droughtiness Calculation				
	80	Gr	10yr61	LCS			xxx	no	MDW	MDP	MBW	MBP	Grade
	100	Gr	10yr61	CSL			xxx	no	116	110	26.548	-12.172	3a
WE7C-6 484100 372610	23	V Dk Gr Br	10yr32	MCL					III	3a	2	3a	WE
	40	Dk Gr	10yr41	C			xxx	yes	Droughtiness Calculation				
	100	Gr	10yr51	C			xxx	yes	MDW	MDP	MBW	MBP	Grade
	100	Rd Br	25yr44	C			xxx	yes	116	110	9.5	-7.5	2
WE7D-1 484101 373000	25	Wk Rd	25yr42	HCL					III	3b	2	3b	WE
	100	Wk Rd	10r54	C			xxx	yes	Droughtiness Calculation				
									MDW	MDP	MBW	MBP	Grade
									116	110	10.5	-6.5	2
WE7D-2 484200 372998	36	Dk Br	75yr33	HCL	2	1			III	3b	2	3b	WE
	90	Dk Rd Br	5yr34	C	2	1	o	yes	Droughtiness Calculation				
									MDW	MDP	MBW	MBP	Grade
									116	110	13.53	-3.04	2
WE7D-3 484200 372900	33	Dk Rd Br	5yr32	HCL	1	1			III	3b	2	3b	WE
	57	Gr	n5	C	1	1	xxx	yes	Droughtiness Calculation				
	100	Gr	10yr61	SCL	1	1	xxx	yes	MDW	MDP	MBW	MBP	Grade
	100	Rd Br	25yr44	C			xxx	yes	116	110	31.991	-0.931	2
WE7D-4 484300 372900	32	Dk Br	75yr32	SCL	1	1			I	1	2	2	DR
	120	Gr	5yr61	CSL			xxx	no	Droughtiness Calculation				
	68	Gr	10yr61	C	3	2	xxx	yes	MDW	MDP	MBW	MBP	Grade
	100	Rd Br	25yr44	C			xxx	yes	116	110	66.088	7.288	2
WE7D-5 484200 372798	30	Dk Gr	75yr41	MCL	1	1			III	3a	2	3a	WE
	42	Br	75yr42	SC	1	1	xxx	yes	Droughtiness Calculation				
	78	Wk Rd	10r42	C			xxx	yes	MDW	MDP	MBW	MBP	Grade
	100	Pi Gr	75yr62	FSL			xxx	no	116	110	37.546	-4.654	2
WE7D-6 484200 372798	32	Br	10yr43	HZCL	2	8			III	3b	2	3b	WE
	55	Dk Yl Br	10yr44	ZC	9	8	xxx	yes	Droughtiness Calculation				
	78	Gn Gr	5gy61	C			xxx	yes	MDW	MDP	MBW	MBP	Grade
	110	Rd Br	5yr44	C			xxx	yes	116	110	12.422	-5.258	2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WE7D-7 484300 372800	27	Dk Gr Br	10yr42		C	1	1			III	3b	2	3b	WE
	66	Gr	10yr61		C			xxx	yes	Droughtiness Calculation				
	100	Gr	10yr61		FSL			xxx	no	MDW	MDP	MBW	MBP	Grade
	100	Rd Br	25yr44		C			xxx	yes	116	110	40.768	-6.632	2
WE7D-8 484200 372700	30	Br	75yr42		C	1	1			III	3b	2	3b	WE
	100	Wk Rd + Gn Gr	10r43	10y61	C			xxx	yes	Droughtiness Calculation				
	68	Gr	10yr61		C	3	2	xxx	yes	MDW	MDP	MBW	MBP	Grade
	100	Rd Br	25yr44		C			xxx	yes	116	110	45.92	-4.88	2
WE7D-9 484300 372700	28	Dk Gr Br	10yr42		SCL	1	1			III	3a	3a	3a	DR,WE
	73	Rd Br	25yr43		C			xxx	yes	Droughtiness Calculation				
	100	Gr	10yr61		FSL			xxx	no	MDW	MDP	MBW	MBP	Grade
	100	Rd Br	25yr44		C			xxx	yes	116	110	36.952	-8.248	2
WE7D-10 484200 372600	37	Br	10yr43		MCL	2	8			III	3a	2	3a	WE
	52	Li Gn Gr	5gy71		C	2	8	xxx	yes	Droughtiness Calculation				
	110	Rd Br	5yr43		C			xxx	yes	MDW	MDP	MBW	MBP	Grade
										116	110	15.006	-2.014	2
WE7E-1 484125 373848	36	V Dk Gr Br	10yr32		HCL	1	1			II	3a	2	3a	WE
	74	Gr	10yr61		SCL			xxx	no	Droughtiness Calculation				
	100	Gr	10yr51		C			xxx	yes	MDW	MDP	MBW	MBP	Grade
										116	110	25.388	5.188	2
WE7E-2 484494 373076	31	V Dk Gr	10yr31		SCL	1	1			III	3a	2	3a	WE
	62	Rd Gr + Gr	5yr52	75yr51	C			xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	9.904	-7.096	2
WE7E-3 484305 373004	32	V Dk Gr Br	10yr32		SCL	1	1			III	3a	2	3a	WE
	61	Gr	10yr61		C			xxx	yes	Droughtiness Calculation				
	90	Gr	10yr61		C			xxx	yes	MDW	MDP	MBW	MBP	Grade
										116	110	10.288	-6.712	2
WE7E-4 484400 373000	28	V Dk Gr Br	10yr32		SCL					I	1	3a	3a	DR
	53	Pi Gr	75yr62		MS			x	no	Droughtiness Calculation				
	81	Br + Gr	75yr53	10yr51	SCL	3	1	xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Dk Rd Br	5yr34		C	1	1	xxx	no	116	110	-0.6315	-23.614	3a
WE7E-5 484496 373008	30	V Dk Gr Br	10yr32		SCL	1	1			I	1	2	2	DR
	100	Dk Gr Br + Pi Gr	10yr42	75yr62	SCL			xxx	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	34.52	0.52	2

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WE7F-1 484125 373848	36	Dk Br	10yr33		SCL	1	1			II	2	2	2	DR,WE
	48	Dk Gr Br	10yr42		SCL	1	1	xxx	no	Droughtiness Calculation				
	75	Gr	10yr61		SCL			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Gr	10yr61		C			xxx	yes	116	110	21.956	1.456	2
WE7F-2 484495 372893	38	Dk Br	10yr33		MSL	1	1			I	1	3a	3a	DR
	47	Dk Br	10yr33		MSL	1	1	o	no	Droughtiness Calculation				
	120	Pi Gr + Gr	75yr62	10yr51	MS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	110	-8.954	-19.754	3a
WE7F-3 484400 372798	30	V Dk Gr Br	10yr32		SCL					II	2	2	2	DR,WE
	42	Br	10yr43		MSL			x	no	Droughtiness Calculation				
	53	Dk Gr Br	10yr42		HZCL			xx	no	MDW	MDP	MBW	MBP	Grade
	120	Gr Br	10yr52		C			xxx	yes	116	110	16.5	-0.2	2
WE7F-4 484492 372803	36	Dk Br	10yr33		MSL	1	1			I	1	3a	3a	DR
	64	Dk Gr Br	10yr42		MSL			xxx	no	Droughtiness Calculation				
	120	Gr + Gr	75yr61	10yr51	MS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	110	3.424	-4.016	3a
WE7F-5 484390 372676	31	V Dk Gr Br	10yr32		HCL	1	1			III	3b	3a	3b	WE
	74	Gr + Pi Gr	10yr51	75yr62	C			xxx	yes	Droughtiness Calculation				
	120	Li Gr	10yr72		LMS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	110	2.853	-4.027	3a
WE7F-6 484391 372606	39	V Dk Gr Br	10yr32		HZCL					II	3a	2	3a	WE
	48	V Dk Gr Br	10yr32		HZCL			o	no	Droughtiness Calculation				
	66	V Dk Br	10yr22		ZC			xx	no	MDW	MDP	MBW	MBP	Grade
	120	Gr	n5		ZC			xxx	yes	116	110	24.8	5.8	2
WE8A-1 482299 373006	40	Dk Gr Br	10yr42		SC	10	6			II	3a	3a	3a	DR,WE
	50	Li Gr Gn	5gy62		ZC			xxx	yes	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	9.4	-9.6	2
WE8A-2 482299 372901	32	Dk Gr Br	10yr42		MSL					I	1	2	2	DR
	72	Br	10yr53		MSL			xxxx	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	42.4	1.4	2
WE9A-1 484500 373971	29	Br	10yr43		CSL	1	1			I	1	3a	3a	DR
	48	Br	10yr53		LCS			xxx	no	Droughtiness Calculation				
	120	Li Br Gr	10yr62		CSL			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Li Br	75yr63		MS			o	no	116	110	25.196	-13.804	3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WE9A-2 484526 373875	30	Br	10yr43		CSL	1	1			I	1	3b	3b	DR
	39	Yl Br	10yr58		LCS			xxx	no	Droughtiness Calculation				
	59	Br Yl	10yr66		LCS			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Br Yl	10yr66		CS			xxx	no	116	110	-28.84	-36.52	3b
WE9A-3 484601 373905	32	Dk Br	10yr33		CSL	1	1			I	1	3a	3a	DR
	40	V Dk Gr Br	10yr32		CSL			xxx	no	Droughtiness Calculation				
	64	Pl Br	10yr63		CS			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Dk Yl Br	10yr46		C			xxx	yes	116	110	-1.632	-25.912	3a
WE9A-4 484598 373805	34	V Dk Gr Br	10yr32		CSL	1	1			I	1	3b	3b	DR
	120	Li Yl Br	10yr64		CS			xxx	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
	120	Li Br	75yr63		MS			o	no	116	110	-29.944	-38.344	3b
WO1A-1 484317 373805	30	Br	10yr43		MSZL	1	1			I	1	2	2	DR
	120	Li Yl Br	10yr64		CSL			xxx	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
	120	Li Br	75yr63		MS			o	no	116	110	49.46	10.46	1
WO1A-2 484400 373800	32	V Dk Gr Br	10yr32		SCL					I	1	2	3a	DR
	63	Pl Br + Br Yl	10yr63	10yr68	LFS			xxx	no	Droughtiness Calculation				
	110	Dk Gr Br	10yr42		LMS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	110	9.66	-4.06	2
WO1A-3 484502 373805	32	V Dk Gr	10yr31		MSZL	1	1			I	1	3a	3a	DR
	65	Gr	n6		SCL			xxx	no	Droughtiness Calculation				
	120	Gr	10yr61		CS			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Li Br	75yr63		MS			o	no	116	110	3.824	1.724	3a
WO1B-1 484101 373983	33	V Dk Gr Br	10yr32		CSL	1	1			I	1	3b	3b	DR
	120	Li Yl Br	10yr64		CS			xxx	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
	120	Li Br	75yr63		MS			o	no	116	110	-31.228	-39.628	3b
WO1B-2 484201 373979	39	V Dk Gr Br	10yr32		MSL					I	1	3a	3a	DR
	43	V Dk Gr Br	10yr32		MSL			o	no	Droughtiness Calculation				
	64	Li Gr + Yl Br	10yr71	10yr56	LMS			xxx	no	MDW	MDP	MBW	MBP	Grade
	110	Dk Gr Br	10yr42		LFS			xxx	no	116	110	40.86	-13.58	3a
WO1B-3 484101 373905	34	Dk Br	10yr33		CSL	1	1			I	1	2	2	DR
	51	Li Gr	10yr72		CSL			xxx	no	Droughtiness Calculation				
	87	Pl Br	10yr63		SCL			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Li Br	75yr63		CS			xxx	no	116	110	14.516	2.956	2

Name	Depth (cm)	Colour	Munsell 1 Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WO1B-4 484201 373904	36	Dk Br	10yr33	CSL	1	1			I	1	2	2	DR
	46	Gr Br	10yr52	CSL			xxx	no	Droughtiness Calculation				
	100	Pl Br	10yr63	CSL			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Li Br	75yr63	MS			o	no	116	110	44.024	5.024	2
WO1B-5 484275 373901	36	Dk Br	10yr33	CSL	1	1			I	1	3b	3b	DR
	58	V Pl Br	10yr73	CS			xxx	no	Droughtiness Calculation				
	100	Br Yl	10yr66	CS			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Li Br	75yr63	MS			o	no	116	110	-27.376	-35.776	3b
WO1B-6 484099 373803	39	Dk Br	10yr33	LCS	1	1			I	1	4	4	DR
	120	Yl Br	10yr56	CS			xxx	no	Droughtiness Calculation				
									MDW	MDP	MBW	MBP	Grade
									116	110	-46.69	-55.09	4
WO1B-7 484200 373800	39	Dk Br	10yr33	MSL					I	1	3a	3a	DR
	42	Dk Br	10yr33	MSL			o	no	Droughtiness Calculation				
	63	Br	10yr53	LMS			xxx	no	MDW	MDP	MBW	MBP	Grade
	110	Yl Br	10yr56	LMS			xxx	no	116	110	-5.84	-19.04	3a
WO1B-8 484117 373705	38	Dk Br	10yr33	LCS	1	1			I	1	3b	3b	DR
	58	Li Yl Br	10yr64	LCS			xxx	no	Droughtiness Calculation				
	100	Pl Br	10yr63	CS			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Li Br	75yr63	MS			o	no	116	110	-43.22	-50.98	3b
WO1B-9 484202 373719	40	Dk Yl Br	10yr34	LCS	1	1			I	1	3b	3b	DR
	55	Pl Br	10yr63	LCS	1	1	xxx	no	Droughtiness Calculation				
	100	Li Gr	10yr72	CSL			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Li Br	75yr63	MS			o	no	116	110	7.822	-32.884	3b
WO1C-1 483800 373600	32	V Dk Gr Br	10yr32	MSL	1	1			I	1	3a	3a	DR
	45	Dk Br	75yr33	MSL	1	1	o	no	Droughtiness Calculation				
	61	Li Br Gr	10yr62	LMS	1	1	xxx	no	MDW	MDP	MBW	MBP	Grade
	84	Br	75yr53	LMS	3	1	xxx	no	116	110	-8.858	-19.0692	3a
	120	Gr Br	10yr52	MS									
WO1C-2 483894 373604	40	Dk Gr Br	10yr42	MSL					I	1	3a	3a	DR
	100	Gr Br	10yr52	LMS			xx(x)	no	Droughtiness Calculation				
									MDW	MDP	MBW	MBP	Grade
									116	110	-7.2	-20.4	3a
WO1C-3 484000 373598	37	V Dk Gr Br	10yr32	LMS	1	2			I	1	3b	3b	DR
	52	Li Br Gr	10yr62	MS	1	2	o	no	Droughtiness Calculation				
	120	Yl Br	10yr56	MS	1	2	o	no	MDW	MDP	MBW	MBP	Grade
									116	110	-33.1996	-43.8956	3b

Name	Depth (cm)	Colour	Munsell 1 Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
W01C-4 484098 373606	38	Dk Gr Br	10yr42	MSL	1	1			I	1	3a	3a	DR
	50	Dk Gr Br	10yr42	MSL			xx	no	Droughtiness Calculation				
	60	Dk Gr Br	10yr42	SCL			xxx	no	MDW	MDP	MBW	MBP	Grade
	100	Gr	10yr61	MS			o	no	116	110	-0.008	-7.408	3a
W01C-5 483808 373505	40	Dk Gr Br	10yr42	MSL					I	1	3a	3a	DR
	70	Br	10yr53	LMS	5	1	xx	no	Droughtiness Calculation				
	100	Br	10yr43	MS	3	1	xx(x)	no	MDW	MDP	MBW	MBP	Grade
									116	110	-12.5	-21.36	3a
W01C-6 483903 373508	30	Dk Gr Br	10yr42	MSL					I	1	3a	3a	DR
	45	Dk Gr Br	10yr42	SCL			xx(x)	no	Droughtiness Calculation				
	60	Gr Br	10yr52	LMS	5	1	xxx	no	MDW	MDP	MBW	MBP	Grade
	80	Yl Br	10yr56	MS			xxx	no	116	110	13.52	-20.58	3a
	100	Gr Br	10yr52	SCL									
W01C-7 484008 373508	35	Dk Gr Br	10yr42	MSL					III	2	3a	3a	DR
	50	Gr Br	10yr52	LMS			xxx	no	Droughtiness Calculation				
	70	Gr	10yr51	SCL			xxx	yes	MDW	MDP	MBW	MBP	Grade
	100	Gr	10yr61	MSL			xxx	no	116	110	29.3	-9.7	2
W01C-8 484105 373506	25	Dk Gr Br	10yr42	MSL					I	1	3b	3b	DR
	55	Br	10yr53	LMS			xx(x)	no	Droughtiness Calculation				
	100	V Pl Br	10yr73	MS			xxx	no	MDW	MDP	MBW	MBP	Grade
									116	110	-27.1	-37.5	3b
W01D-1 483717 373969	40	Dk Gr Br	10yr42	MSL	1	2			III	2	3a	3a	DR
	60	V Pl Br	10yr73	SCL-SC			xxx	yes	Droughtiness Calculation				
	100	V Pl Br	10yr73	LMS			xxx	no	MDW	MDP	MBW	MBP	Grade
									116	110	1.24	-9.36	3a
W01D-2 483795 373702	37	Dk Gr Br	10yr42	MSL	1	1			I	1	3a	3a	DR
	54	Gr Br	10yr52	LMS			xx(x)	no	Droughtiness Calculation				
	70	Br Yl	10yr66	SCL			xxx	no	MDW	MDP	MBW	MBP	Grade
	100	Gr Br	10yr52	LMS			xx	no	116	110	-2.412	-11.452	3a
W01E-1 483700 373100	36	V Dk Gr	10yr31	LMS	1	1			III	2	3b	3b	DR,FL
	100	Gr	10yr51	MS	1	1	o	no	Droughtiness Calculation				
									MDW	MDP	MBW	MBP	Grade
									116	110	-34.1112	-44.7552	3b
W01E-2 483800 373100	36	V Dk Gr	10yr31	LMS	1	1			III	2	3b	3b	DR,FL
	120	Dk Gr	10yr41	LMS	1	1	xxx	no	Droughtiness Calculation				
									MDW	MDP	MBW	MBP	Grade
									116	110	-26.3496	-39.3696	3b

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
W01E-3 483900 373100	39	V Dk Gr	10yr31		LMS	1	1			III	2	3b	3b	DR,FL
	42	V Dk Gr	10yr31		LMS	1	1	o	no	Droughtiness Calculation				
	100	Dk Gr	10yr41		MS	1	1	o	no	MDW 116	MDP 110	MBW -31.4376	MBP -42.0816	Grade 3b
W01E-4 483700 373000	39	V Dk Gr	10yr31		LMS	1	1			II	1	3b	3b	DR,FL
	44	V Dk Gr	10yr31		LMS	1	1	o	no	Droughtiness Calculation				
	100	Yl Br	10yr54		MS	1	1	o	no	MDW 116	MDP 110	MBW -31.1208	MBP -41.7648	Grade 3b
W01E-5 483800 373004	40	Dk Br	75yr32		LMS					II	1	3b	3b	DR
	52	Br	10yr43		LMS			o	no	Droughtiness Calculation				
	70	Br Yl	10yr66		MS			o	no	MDW 116	MDP 110	MBW -20.64	MBP -39.28	Grade 3b
	90	Gr	10yr51		SC			xxx	yes					
	100	Gr	10yr51		MS									
W01G-1 484078 373425	38	V Dk Gr Br	10yr32		CSL	1	1			III	2	3b	3b	DR
	120	Pl Br	10yr63		CS			xxx	no	Droughtiness Calculation				
	120	Li Br	75yr63		MS			o	no	MDW 116	MDP 110	MBW -24.808	MBP -33.208	Grade 3b
W01G-2 483800 373398	39	V Dk Gr Br	10yr32		LMS	1	1			I	1	3b	3b	DR
	46	V Dk Gr Br	10yr32		LMS	1	1	o	no	Droughtiness Calculation				
	110	Dk Br + Pi Gr	75yr34	75yr62	LCS			xxx	no	MDW 116	MDP 110	MBW -24.6128	MBP -39.4128	Grade 3b
W01G-3 483883 373380	38	V Dk Gr Br	10yr32		CSL	1	1			III	2	3a	3a	DR
	48	Br	10yr53		LCS			xxx	no	Droughtiness Calculation				
	100	Br Yl	10yr66		LCS			xxx	no	MDW 116	MDP 110	MBW -10.728	MBP -25.528	Grade 3a
	120	Li Br	75yr63		MS			o	no					
W01G-4 484000 373398	39	Dk Yl Br	10yr34		LMS	3	1			I	1	3b	3b	DR
	58	Yl Br	10yr44		LMS	3	1	o	no	Droughtiness Calculation				
	110	Dk Br + Pi Gr	75yr34	75yr62	LCS			xxx	yes	MDW 116	MDP 110	MBW -25.5008	MBP -39.7088	Grade 3b
W01G-5 483713 373324	33	V Dk Gr Br	10yr32		CSL	1	1			III	2	3b	3b	DR
	120	Yl Br	10yr54		CS			xxx	no	Droughtiness Calculation				
	120	Li Br	75yr63		MS			o	no	MDW 116	MDP 110	MBW -31.228	MBP -39.628	Grade 3b
W01G-6 483824 373298	43	V Dk Gr Br	10yr32		CSL	1	1			III	2	3a	3a	DR
	120	Yl Br	10yr54		CS			xxx	no	Droughtiness Calculation				
	120	Li Br	75yr63		MS			o	no	MDW 116	MDP 110	MBW -18.388	MBP -26.788	Grade 3a

Name	Depth (cm)	Colour	Munsell 1 Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
W01G-7 483901 373303	38	Dk Gr	10yr41	CSL	1	1			III	2	2	2	DR,WE
	85	Pl Br	10yr63	CSL			xxx	no	Droughtiness Calculation				
	100	Wk Rd	10r52	C			xxx	yes	MDW	MDP	MBW	MBP	Grade
	120	Li Br	75yr63	MS			o	no	116	110	30.192	5.192	2
W01G-8 483993 373302	31	Dk Br	10yr33	CSL	2	1			III	2	3b	3b	DR
	90	Br	10yr53	CS			xxx	no	Droughtiness Calculation				
	100	Wk Rd	10r52	SCL			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Li Br	75yr63	MS			o	no	116	110	-13.892	-42.692	3b
W01G-9 484099 373302	30	Br	10yr43	CSL	1	1			III	2	2	2	DR,WE
	45	Li Yl Br	10yr64	CSL			xxx	no	Droughtiness Calculation				
	85	Gn Gr	10y61	SCL			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Rd Br	25yr53	MSL			xxx	no	116	110	39.52	2.02	2
W01G-10 483700 373200	42	Dk Gr Br	10yr42	CSL	1	1			III	2	3b	3b	DR
	120	Li Gr	10yr72	CS			xxx	no	Droughtiness Calculation				
									MDW	MDP	MBW	MBP	Grade
									116	110	-19.672	-28.072	3a
W01G-11 483800 373198	34	V Dk Gr Br	10yr32	LMS	1	1			I	1	3b	3b	DR
	46	Br	75yr43	LMS	2	1	o	no	Droughtiness Calculation				
	62	Li Br Gr	10yr62	LMS	3	1	xxx	no	MDW	MDP	MBW	MBP	Grade
	95	St Br	75yr56	FS	1	1	xxx	no	116	110	13.6162	-35.4128	3b
W01G-12 483902 373209	43	V Dk Gr Br	10yr32	CSL	1	1			III	2	3a	3a	DR
	65	Dk Br	10yr33	CS			xxx	no	Droughtiness Calculation				
	90	Wk Rd	10r53	C			xxx	yes	MDW	MDP	MBW	MBP	Grade
	120	Li Br	75yr63	MS			o	no	116	110	-6.488	-22.288	3a
W01G-13 483997 373204	29	V Dk Gr Br	10yr32	HCL	1	1			I	2	2	3a	DR,WE
	45	Br	10yr43	HCL	1	1	o	no	Droughtiness Calculation				
	90	Dk Rd Br	5yr34	C			o	no	MDW	MDP	MBW	MBP	Grade
									116	110	16.567	-0.433	2
W01H-1 484106 373200	23	Rd Gr	5yr52	HCL	1	1			III	3b	2	3b	WE
	35	Wk Rd	10r42	C			xxx	yes	Droughtiness Calculation				
	100	Br	75yr53	C			xxx	yes	MDW	MDP	MBW	MBP	Grade
									116	110	9.109	-7.891	2
W01H-2 484200 373198	38	Dk Br	10yr33	SCL	5	1			I	1	3a	3a	DR
	58	St Br	75yr58	MS	2	1	o	no	Droughtiness Calculation				
	70	Li Br Gr	10yr62	SCL	2	1	xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Gr	75yr51	MS	1	1	xxx	no	116	110	-13.1008	-19.768	3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
W01H-3 484300 373202	39	Dk Gr Br	10yr42		CSL	1	1			III	2	3a	3a	DR
	52	Li Gr	10yr72		SC			xxx	no	Droughtiness Calculation				
	100	Li Gr	10yr71		CS			xxx	no	MDW	MDP	MBW	MBP	Grade
	120	Li Br	75yr63		MS			o	no	116	110	-12.664	-20.224	3a
W01H-4 484400 373200	33	Dk Br	10yr33		LMS	1	1			I	1	3b	3b	DR
	38	Br	75yr43		LMS	1	1	o	no	Droughtiness Calculation				
	65	Li Br Gr	10yr62		LMS	1	1	xxx	no	MDW	MDP	MBW	MBP	Grade
	100	Gr	10yr51		SCL	1	1	xxx	no	116	110	0.2467	-37.2308	3b
W01H-5 484501 373205	43	Br	10yr43		CSL	1	1			III	2	3a	3a	DR
	120	V Pl Br	10yr74		CS			xxx	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	-18.388	-26.788	3a
W01H-6 484410 373137	31	Dk Br	10yr33		CSL	1	1			III	2	3b	3b	DR
	120	Li Gr	10yr72		CS			xxx	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	-33.796	-42.196	3b
W01H-7 484022 373104	34	Gr Br	10yr52		C					III	3b	2	3b	WE
	48	Gr	10yr51		C			xxx	yes	Droughtiness Calculation				
	68	Gr	10yr61		C	3	2	xxx	yes	MDW	MDP	MBW	MBP	Grade
	100	Rd Br	25yr44		C			xxx	yes	116	110	11.27	-6	2
W01H-8 484099 373102	20	Rd Gr	5yr52		C					III	3b	3a	3b	WE
	100	Rd Br	5yr53		C	2	1	xxx	yes	Droughtiness Calculation				
	68	Gr	10yr61		C	3	2	xxx	yes	MDW	MDP	MBW	MBP	Grade
	100	Rd Br	25yr44		C			xxx	yes	116	110	40.77	-9.6	2
W01H-9 484202 373103	35	Dk Gr Br	10yr42		SCL					III	3a	2	3a	WE
	100	Gr	10yr61		C	1	2	xxx	yes	Droughtiness Calculation				
	68	Gr	10yr61		C	3	2	xxx	yes	MDW	MDP	MBW	MBP	Grade
	100	Rd Br	25yr44		C			xxx	yes	116	110	47.9	-2.75	2
W01H-10 484305 373106	42	Br	10yr43		SCL	1	1			III	3a	3b	3b	DR
	120	Li Gr	10yr72		CS			xxx	no	Droughtiness Calculation				
										MDW	MDP	MBW	MBP	Grade
										116	110	-19.672	-28.072	3a
W01R-1 484200 373400	39	Dk Yl Br	10yr34		LFS	1	1			I	1	3a	3a	DR
	48	Dk Yl Br	10yr34		LFS	1	1	o	no	Droughtiness Calculation				
	110	Li Gr + Br Yl	10yr71	10yr68	LMS			xxx	no	MDW	MDP	MBW	MBP	Grade
										116	110	1.951	-11.249	3a

Name	Depth (cm)	Colour	Munsell 1	Munsell 2	Texture	Total stones %	Lith	Mottling/ Gleying	SPL?	WC	WE Grade	DR Grade	ALC Grade	Limit(s)
WO1R-2 484400 373400	39	Dk Br	10yr33		LFS	1	1			I	1	3a	3a	DR
	53	Dk Br	10yr33		LFS	1	1	o	no	Droughtiness Calculation				
	110	Yl Br + Gr	10yr58	10yr61	LMS			xxx	no	MDW 116	MDP 110	MBW 5.9055	MBP -7.419	Grade 2
WO1R-3 484205 373305	38	Br	10yr43		CSL	1	1			III	2	2	2	DR,WE
	120	Yl Br	10yr54		CSL			xxx	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 44.192	MBP 5.192	Grade 2
WO1R-4 484299 373324	32	Br	10yr43		CSL	1	1			III	2	2	2	DR,WE
	120	Gn Gr	5gy61		CSL			xxx	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW 43.688	MBP 4.688	Grade 2
WO1R-5 484405 373304	38	Br	10yr43		CSL	1	1			III	2	3b	3b	DR
	120	Yl Br	10yr54		CS			xxx	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -24.808	MBP -33.208	Grade 3b
WO1R-6 484404 373483	40	Br	10yr43		CSL	1	1			III	2	3a	3a	DR
	120	Br Yl	10yr66		LCS			xxx	no	Droughtiness Calculation				
										MDW 116	MDP 110	MBW -8.64	MBP -23.44	Grade 3a
WO1R-7 484500 373305	35	Dk Gr Br	10yr42		CSL	1	1			III	2	3b	3b	DR
	50	Br	10yr43		LCS			xxx	no	Droughtiness Calculation				
	85	Li Yl Br	10yr64		LCS			xxx	no	MDW 116	MDP 110	MBW -13.86	MBP -28.66	Grade 3a
	120	Li Rd Br	5yr63		LCS			xxx	no					
WO1R-8 484470 373484	41	Dk Gr Br	10yr42		SCL	1	1			III	3a	2	3a	WE
	52	Gr Br	10yr52		SCL			o	no	Droughtiness Calculation				
	100	Li Yl Br	10yr64		CSL			xxx	no	MDW 116	MDP 110	MBW 43.344	MBP 4.344	Grade 2
	120	Li Br	75yr63		MS			o	no					
WO1R-9 484303 373406	34	Dk Gr Br	10yr42		CSL	1	1			III	2	3b	3b	DR
	42	Yl Br	10yr54		CSL			xxx	no	Droughtiness Calculation				
	100	Yl Br	10yr56		CS			xxx	no	MDW 116	MDP 110	MBW -20.344	MBP -28.744	Grade 3b
	120	Li Br	75yr63		MS			o	no					
WO1R-10 484477 373404	24	Dk Gr Br	10yr42		CSL	1	1			III	2	3b	3b	DR
	44	Li Gr	5y72		SCL			xx	no	Droughtiness Calculation				
	100	Li Rd Br	25yr64		CS			xxx	no	MDW 116	MDP 110	MBW -20.784	MBP -29.184	Grade 3b
	120	Li Br	75yr63		MS			o	no					

Appendix G Laboratory PSD Results

Key to Laboratory Results for pit topsoil PSDs

Pit ID	NRM Sample ref	Lab reference	Lab results file
Pit 1	W11	SOIL699385	37222-24
Pit 2	W13	SOIL699387	37222-24
Pit 3	W12	SOIL699386	37222-24
Pit 4	W9	SOIL699384	37222-24
Pit 5	W8	SOIL699383	37222-24
Pit 6	W5	SOIL699381	37222-24
Pit 7	P7	SOIL704072	43301-24
Pit 8	P8	SOIL704073	43301-24
Pit 9	14	SOIL699388	37223-24
Pit 10	W7	SOIL699382	37222-24
Pit 11	4	SOIL699380	37222-24
Pit 12	W2	SOIL699379	37222-24
Pit 13	W1	SOIL699378	37222-24
Pit 14	P14	SOIL704074	43301-24
Pit 15	Pit 1	SOIL676112	19513-24
Pit 16	PIT 2	SOIL676113	19513-24
Pit 17	PIT 4	SOIL676115	19513-24
Pit 18	PIT 3	SOIL676114	19513-24
Pit 19	PIT 11	SOIL676120	19513-24
Pit 20	OE WE6A-1	SOIL634811	78605-23
Pit 21	OE WE7E	SOIL676127	19514-24
Pit 22	PIT 5	SOIL676116	19513-24
Pit 23	OE PIT A	SOIL676124	19514-24
Pit 24	PIT 12	SOIL676121	19513-24
Pit 25	PIT 17	SOIL676123	19514-24
Pit 26	OE CR9F	SOIL676125	19514-24
Pit 27	OE CR9D	SOIL676126	19514-24
Pit 28	PIT 8	SOIL676117	19513-24
Pit 29	PIT 13	SOIL676122	19514-24
Pit 30	PIT 9	SOIL676118	19513-24
Pit 31	PIT 10	SOIL676119	19513-24

ANALYTICAL REPORT

Report Number	19513-24	K474	SIMON MCMILLAN	Client	SOIL 15-12-2023
Date Received	31-JAN-2024		RSK ADAS LTD		
Date Reported	07-FEB-2024		26 HOLLY WALK		
Project	1011137		STRATFORD-UPON-AVON		
Reference	SIMON MCMILLAN		WARWICKSHIRE		
Order Number	P69101SM290124A		CV37 9LR		

Laboratory Reference		SOIL676112	SOIL676113	SOIL676114	SOIL676115	SOIL676116	SOIL676117	SOIL676118	SOIL676119	SOIL676120	SOIL676121
Sample Reference		OE PIT 1 TS	OE PIT 2 TS	OE PIT 3 TS	OE PIT 4 TS	OE PIT 5 TS	OE PIT 8 TS	OE PIT 9 TS	OE PIT 10 TS	OE PIT 11 TS	OE PIT 12 TS
Determinand	Unit	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sand 2.00-0.063mm	% w/w	81	79	68	80	62	82	70	80	54	75
Silt 0.063-0.002mm	% w/w	9	7	17	9	21	9	14	9	20	8
Clay <0.002mm	% w/w	10	14	15	11	17	9	16	11	26	17
Textural Class **		LS	SL	SL	SL	SL	LS	SL	SL	SCL	SL

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.

Reported by	** Please see the attached document for the definition of textural classes. [REDACTED] 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
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ANALYTICAL REPORT

Report Number	19514-24	K474	SIMON MCMILLAN	Client	SOIL 15-12-2023
Date Received	31-JAN-2024		RSK ADAS LTD		
Date Reported	08-FEB-2024		26 HOLLY WALK		
Project	1011137		STRATFORD-UPON-AVON		
Reference	SIMON MCMILLAN		WARWICKSHIRE		
Order Number	P69101SM290124A		CV37 9LR		

Laboratory Reference		SOIL676122	SOIL676123	SOIL676124	SOIL676125	SOIL676126	SOIL676127	SOIL676128	SOIL676129	SOIL676130	SOIL676131
Sample Reference		OE PIT 13 TS	OE PIT 17 TS	OE PIT A TS	OE CR9F PIT TS	OE CR9D PIT TS	OE WE7E PIT TS	OE WE7E PIT USS	OE PIT 2 USS	OE PIT 5 USS	OE PIT 9 USS
Determinand	Unit	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sand 2.00-0.063mm	% w/w	72	74	69	83	75	68	61	91	20	84
Silt 0.063-0.002mm	% w/w	13	13	16	8	10	11	10	2	35	5
Clay <0.002mm	% w/w	15	13	15	9	15	21	29	7	45	11
Textural Class **		SL	SL	SL	LS	SL	SCL	SCL	S	C	LS

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.
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ANALYTICAL REPORT

Report Number	37222-24	K474	SIMON MCMILLAN	Client	ONE EARTH PIT
Date Received	22-MAY-2024		RSK ADAS LTD		SOIL 17-04-2024
Date Reported	24-JUN-2024		26 HOLLY WALK		
Project	1011137		STRATFORD-UPON-AVON		
Reference	ONE EARTH PIT		WARWICKSHIRE		
Order Number	P69101SM210524		CV37 9LR		

Laboratory Reference		SOIL699378	SOIL699379	SOIL699380	SOIL699381	SOIL699382	SOIL699383	SOIL699384	SOIL699385	SOIL699386	SOIL699387
Sample Reference		W1 TOPSOIL	W2 TOPSOIL	4 TOPSOIL	W5 TOPSOIL	W7 TOPSOIL	W8 TOPSOIL	W9 TOPSOIL	W11 TOPSOIL	W12 TOPSOIL	W13 TOPSOIL
Determinand	Unit	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sand 2.00-0.063mm	% w/w	13	41	56	31	82	71	71	14	34	60
Silt 0.063-0.002mm	% w/w	42	34	28	22	10	16	16	33	33	28
Clay <0.002mm	% w/w	45	25	16	47	8	13	13	53	33	12
Textural Class **		C	MCL	SL	C	LS	SL	SL	C	HCL	SL

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.
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ANALYTICAL REPORT

Report Number	37223-24	K474	SIMON MCMILLAN	Client	ONE EARTH PIT
Date Received	22-MAY-2024		RSK ADAS LTD		SOIL 17-04-2024
Date Reported	24-JUN-2024		26 HOLLY WALK		
Project	1011137		STRATFORD-UPON-AVON		
Reference	ONE EARTH PIT		WARWICKSHIRE		
Order Number	P69102SM210524		CV37 9LR		

Laboratory Reference		SOIL699388									
Sample Reference		14 TOPSOIL									
Determinand	Unit	SOIL									
Sand 2.00-0.063mm	% w/w	15									
Silt 0.063-0.002mm	% w/w	25									
Clay <0.002mm	% w/w	60									
Textural Class **		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.
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** Please see the attached document for the definition of textural classes.	
Reported by	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	43301-24	K474	SIMON MCMILLAN	Client	SOIL 17-04-2024
Date Received	11-JUL-2024		RSK ADAS LTD		
Date Reported	30-JUL-2024		26 HOLLY WALK		
Project	1011137		STRATFORD-UPON-AVON		
Reference	SIMON MCMILLAN		WARWICKSHIRE		
Order Number	P69101SM10072024		CV37 9LR		

Laboratory Reference		SOIL704072	SOIL704073	SOIL704074						
Sample Reference		OE P7 TS	OE P8 TS	OE P14 TS						
Determinand	Unit	SOIL	SOIL	SOIL						
Sand 2.00-0.063mm	% w/w	15	43	33						
Silt 0.063-0.002mm	% w/w	34	27	37						
Clay <0.002mm	% w/w	51	30	30						
Textural Class **		C	HCL	HCL						

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.
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Reported by	** Please see the attached document for the definition of textural classes. [REDACTED] 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
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ANALYTICAL REPORT

Report Number	78605-23	K474	SIMON MCMILLAN	Client	SIMON MCMILLAN
Date Received	06-JUL-2023		RSK ADAS LTD		
Date Reported	25-JUL-2023		26 HOLLY WALK		
Project	1011137 SOIL		STRATFORD-UPON-AVON		
Reference	SIMON MCMILLAN		WARWICKSHIRE		
Order Number	P69101SM03072023a		CV37 9LR		

Laboratory Reference		SOIL634810	SOIL634811	SOIL634812	SOIL634813						
Sample Reference		OE WE6A-1 USS	OE WE6A-1 TS	OE WACP3B PIT TS	OE WACP3B PIT USS						
Determinand	Unit	SOIL	SOIL	SOIL	SOIL						
Sand 2.00-0.063mm	% w/w	48	91	68	93						
Silt 0.063-0.002mm	% w/w	28	3	17	3						
Clay <0.002mm	% w/w	24	6	15	4						
Textural Class **		MCL	S	SL	S						

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.
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Reported by	** Please see the attached document for the definition of textural classes. [REDACTED] 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
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ANALYTICAL REPORT

Report Number	81168-23	K474	SIMON MCMILLAN	Client	SIMON MCMILLAN
Date Received	25-JUL-2023		RSK ADAS LTD		
Date Reported	02-AUG-2023		26 HOLLY WALK		
Project	1011137 SOIL 30-06-2023		STRATFORD-UPON-AVON		
Reference	SIMON MCMILLAN		WARWICKSHIRE		
Order Number	P69101SM03072023A		CV37 9LR		

Laboratory Reference		SOIL637835									
Sample Reference		OE WACP3B PIT USS									
Determinand	Unit	SOIL									
Coarse Sand 2.00-0.60mm	% w/w	13									
Medium Sand 0.60-0.212mm	% w/w	73									
Fine Sand 0.212-0.106mm	% w/w	3									
Very Fine Sand 0.106-0.063mm	% w/w	1									
Silt 0.063-0.002mm	% w/w	2									
Clay <0.002mm	% w/w	8									
Textural Class **		mS									

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.
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Reported by	** Please see the attached document for the definition of textural classes. [REDACTED] 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
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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.



one earth
solar farm

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