Great North Road Solar and Biodiversity Park

Environmental Statement

Volume 4 – Technical Appendices

Technical Appendix A17.1: Agricultural Land Classification – Part 1 of 2

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1. EXECUTIVE SUMMARY

1.1 This report assesses the Agricultural Land Classification (ALC) grading of 2869.1 hectares of land to the north of Newark.

1.2 The limiting factor is found to be soil wetness, a combination of the climatic regime, soil water regime and texture of the top 25cm of the soil on the clay soils and droughtiness on the sandy and gravelly areas of the site.

1.3 The land within the survey area is graded as follows:

Grade 1:	**24.5 Ha**
Grade 2:	**199.1 Ha**
Grade 3a:	**1488.1 Ha**
Grade 3b:	**1132.5 Ha**
Grade 4:	**11 Ha**
Non-Agricultural:	**13.9 Ha**
Total:	**2869.1 Ha**

1.4 The survey area is larger than the order limits on which the land is graded as follows:

Grade 1:	**0 Ha**
Grade 2:	**149.5 Ha**
Grade 3a:	**943.9 Ha**
Grade 3b:	**595.9 Ha**
Grade 4:	**0.5 Ha**
Grade 5:	**0 Ha**
Non-Agricultural:	39.9 **Ha**
Not surveyed:	**31.5 Ha**
Total:	**1764.**2 **Ha**

2. INTRODUCTION

2.1 Amet Property Ltd have been instructed by Elements Green Trent Ltd to produce an Agricultural Land Classification (ALC) report on 2869.1-hectares of land to the north of Newark-on-Trent. The ALC report is being prepared to accompany a development consent order application to be submitted for a solar and biodiversity park.

2.2 The report's author is James Fulton BSc (Hons) MRICS FAAV who has worked as a chartered surveyor, agricultural valuer, and agricultural consultant since 2004, has a degree in agriculture which included modules on soils and over 10 years' experience in advising farmers on soil structure and cultivation methods and in producing agricultural land classification reports. Additional information on authors experience is found at ***appendix 1***.

2.3 The report is based on a site visit conducted by James Fulton and 4 assistant surveyors between May 2022 and March 2023 with small additional areas added and inspected in June and October 2024. The weather during site surveys varied although they were mostly dry days with some sunshine and cloud. Soil conditions were generally moist during survey work. The ground became too hard to survey in August and September 2022 and so we had to wait for ground conditions to improve before continuing.

2.4 During the inspections 23 trial pits were dug to a depth of 120cm. In addition to the trial pits an auger was used to take approximately one sample per hectare on the proposed development site to a depth of 120cm with smaller trial pits at some of these locations to confirm soil structure and colour where it was not clear from the auger samples. A plan of auger points and trial pit locations can be found at ***appendix 2***. The trial pit locations were selected as they were representative of the soils found on site. Where subsoils were inspected with a spade, descriptions of structure have been recorded based on the soil survey field handbook[1]; where an auger has been used the structure is described as good, moderate or poor based on figure 9,10 and 11 in the MAFF[2] guidance. Colours are described using Munsell Colours[3].

2.5 Parts of the site is described in literature as likely to be calcareous and so hydrochloric acid was used to test in field for a reaction that would indicate calcareous soils.

2.6 The surveyed area extends to 2869.1Ha of predominantly arable land. The land is not in a single block but is bounded broadly by the A1 to the east, the A617 to the south, extends to approximately Eakring in the west and Tuxford in the north. Due to the size of the site we have broken it down into 6 maps in order to be able to map it.

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[1] Hodgson, JM (1997) Soil Survey Field Handbook

[2] MAFF (1988) - *Agricultural Land Classification of England and Wales. Revised guidelines and criteria for grading the quality of agricultural land*. MAFF Publications

[3] Munsell Color (2009) Munsell Soil Color Charts

Area a

529.7 hectares to the west of the A1 and north of Ossington.

Area b

531.5 hectares to west of the A1 to the south of Ossington Road and North of Bathley.

Area c

333.1 hectares around Knapthorpe.

Area d

403.1 hectares around Little Carlton

Area e

552.3 hectares around Maplebeck and Eakring.

Area f

466.3 hectares between Kersall and Norwell Woodhouse.

Area g

53.1 Hectares east of Averham Park

2.7 Further information has been obtained from the MAGIC website, the Soil Survey of England and Wales, the British Geological Survey, the Meteorological Office and 1:250,000 series Agricultural Land Classification maps.

2.8 The collected information has been judged against the Ministry of Agriculture Fisheries and Food Agricultural Land Classification of England and Wales revised guidelines and criteria for grading the quality of agricultural land.

2.9 The principal factors influencing agricultural production are climate, site and soil and the interaction between them MAFF (1988) & Natural England (2012)[4].

2.10 The report is prepared and formatted considering the latest BSSS guidance[5].

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[4] MAFF (1988) - *Agricultural Land Classification of England and Wales. Revised guidelines and criteria for grading the quality of agricultural land*. MAFF Publications

Natural England (2012) - *Technical Information Note 049 - Agricultural Land Classification: protecting the best and most versatile agricultural land*, Second Edition

[5] BSSS (2022) Working with Soil Guidance Note on Assessing Agricultural Land Classification Surveys in England and Wales

3. PUBLISHED INFORMATION

3.1 The British Geological Survey 1:50,000 scale map shows the bedrock and superficial geology across the site to be:

Area a

Mercia Mudstone Group – Mudstone with superficial deposits of Alluvium – Clay, silt, sand and gravel around the watercourses.

Area b

Mercia Mudstone Group – Mudstone with superficial deposits of Alluvium – Clay, silt, sand and gravel around the watercourses and superficial deposits of Holme Pierrepoint Sand and Gravel Member – sand and gravel nearest to the A1.

Area c

Mercia Mudstone Group - Mudstone

Area d

Mercia Mudstone Group – Mudstone with superficial deposits of Alluvium – Clay, silt, sand and gravel around the watercourses and superficial deposits of Holme Pierrepoint Sand and Gravel Member – sand and gravel nearest to the A1.

Area e

Mercia Mudstone Group – Mudstone with superficial deposits of Alluvium – Clay, silt, sand and gravel around the watercourses and bedrock recorded as Tarporley Siltstone Formation – Siltstone, mudstone and sandstone in the fields nearest to Eakring.

Area f

Mercia Mudstone Group – Mudstone with superficial deposits of Alluvium – Clay, silt, sand and gravel around the watercourses and superficial deposits of Till, Mid Pleistocene- Diamicton and Glaciofluvial Deposits, Mid Pleistocene – sand and gravel around Kersall Lodge.

Area g

Mercia Mudstone Group – Mudstone with superficial deposits of Alluvium – Clay, silt, sand and gravel to the west and Holme Pierrepont Sand and Gravel Member - Sand and gravel to the east.

3.2 The soils on the site are identified as:

Area a

To the north and west - Worcester Association – Slowly permeable non-calcareous and calcareous reddish clayey soils over mudstone, shallow on steeper slopes.

Around watercourses – Compton Association – stoneless mostly reddish clayey soils affected by groundwater

To the southeast – Whimple 3 Association – Reddish fine loamy or fine silty over clayey soils with slowly permeable subsoils and slight seasonal waterlogging

Area b

To the west – Worcester Association – Slowly permeable non-calcareous and calcareous reddish clayey soils over mudstone, shallow on steeper slopes.

Around watercourses – Compton Association – stoneless mostly reddish clayey soils affected by groundwater

To the northeast – Whimple 3 Association – Reddish fine loamy or fine silty over clayey soils with slowly permeable subsoils and slight seasonal waterlogging

To the east – Arrow Association – Deep permeable coarse loamy soils affected by groundwater

Area c

The centre of the site – Brockhurst 1 Association – Slowly permeable, seasonally waterlogged reddish fine loamy over clayey soils

To the north west, east and south – Worcester Association – Slowly permeable non-calcareous and calcareous reddish clayey soils over mudstone, shallow on steeper slopes.

Area d

To the west – Worcester Association – Slowly permeable non-calcareous and calcareous reddish clayey soils over mudstone, shallow on steeper slopes.

Around watercourses – Compton Association – stoneless mostly reddish clayey soils affected by groundwater

To the east – Arrow Association – Deep permeable coarse loamy soils affected by groundwater

Area e

On the higher ground – Brockhurst 1 Association – Slowly permeable, seasonally waterlogged reddish fine loamy over clayey soils

Around watercourses – Compton Association – stoneless mostly reddish clayey soils affected by groundwater

Between the higher ground and watercourses from about half way down the slopes – Worcester Association – Slowly permeable non-calcareous and calcareous reddish clayey soils over mudstone, shallow on steeper slopes.

The fields nearest to Eakring – Hodnet Association – Reddish fine and coarse loamy soils with slowly permeable subsoils and slight seasonal waterlogging

Area f

Most of this site – Worcester Association – Slowly permeable non-calcareous and calcareous reddish clayey soils over mudstone, shallow on steeper slopes.

Around watercourses – Compton Association – stoneless mostly reddish clayey soils affected by groundwater

Around Kneesall Lodge and either side of the A616 – Salop Association – Slowly permeable seasonally waterlogged reddish fine loamy over clayey, fine loamy and clayey soils.

While there are a variety of different soil types identified across the various parts of the site they are fairly consistent being slowly permeable reddish clayey soil across most of the fields with the areas closest to the A1 recorded as being deep coarse loamy soils.

Area g

To the west - Worcester Association – Slowly permeable non-calcareous and calcareous reddish clayey soils over mudstone, shallow on steeper slopes.

Around watercourses – Compton Association – stoneless mostly reddish clayey soils affected by groundwater.

To the east - Arrow Association – Deep permeable coarse loamy soils affected by groundwater.

3.3 The 1:250,000 series Agricultural Land Classification maps show the land to be Grade mostly grade 3 with some grade 2 near to the A1 between North Muskham and Cromwell and extending towards Bathley and Norwell. These plans are of strictly limited value, using an out-of-date methodology at a very small scale (low detail) level of survey. Further information on the limits of their use can be found in TIN049.

4. CLIMATE

4.1 Climate has a major, and in places overriding, influence on land quality affecting both the range of potential agricultural uses and the cost and level of production.

4.2 There is published agro-climatic data for England and Wales provided by the Meteorological Office, such data for the subject site is listed in the table below.

Agro-Climatic Data – Full details can be found at ***appendix 3***

Area a

Grid Reference	475947 366589
Altitude (ALT)	38
Average Annual Rainfall (AAR)	592
Accumulated Temperature - Jan to June (ATO)	1394
Duration of Field Capacity (FCD)	116
Moisture Deficit Wheat	114
Moisture Deficit Potatoes	104

Area b

Grid Reference	478732 362451
Altitude (ALT)	22
Average Annual Rainfall (AAR)	580
Accumulated Temperature - Jan to June (ATO)	1413
Duration of Field Capacity (FCD)	114
Moisture Deficit Wheat	116
Moisture Deficit Potatoes	110

Area c

Grid Reference	474344 357600
Altitude (ALT)	59
Average Annual Rainfall (AAR)	620
Accumulated Temperature - Jan to June (ATO)	1374
Duration of Field Capacity (FCD)	124
Moisture Deficit Wheat	108
Moisture Deficit Potatoes	100

Area d

Grid Reference	478215 358377
Altitude (ALT)	16
Average Annual Rainfall (AAR)	571
Accumulated Temperature - Jan to June (ATO)	1423
Duration of Field Capacity (FCD)	112
Moisture Deficit Wheat	117
Moisture Deficit Potatoes	111

Area e

Grid Reference	470205 361225
Altitude (ALT)	65
Average Annual Rainfall (AAR)	620
Accumulated Temperature - Jan to June (ATO)	1367
Duration of Field Capacity (FCD)	127
Moisture Deficit Wheat	107
Moisture Deficit Potatoes	99

Area f

Grid Reference	472607 362904
Altitude (ALT)	69
Average Annual Rainfall (AAR)	620
Accumulated Temperature - Jan to June (ATO)	1360
Duration of Field Capacity (FCD)	124
Moisture Deficit Wheat	107
Moisture Deficit Potatoes	98

Area g

Grid Reference	475776 355667
Altitude (ALT)	17
Average Annual Rainfall (AAR)	572
Accumulated Temperature - Jan to June (ATO)	1425
Duration of Field Capacity (FCD)	112
Moisture Deficit Wheat	117
Moisture Deficit Potatoes	117

4.3 The main parameters used in assessing the climatic limitation are average annual rainfall (AAR), as a measure of overall wetness; and accumulated temperature (ATO), as a measure of the relative warmth of a locality.

4.4 The AAR and ATO provide no climatic limitation to grade.

4.5 The majority of the site is shown to be in flood zone 1 – areas with a less than 1 in 1000 annual chance of flooding with some areas shown to be Flood Zone 2 – areas with between a 1 in 100 and 1 in 1000 annual chance of flooding or Flood Zone 3 – areas with greater than 1 in 100 annual chance of flooding. There was a very small area in block aidentified as too wet to survey even after a dry period and limited to grade 4 due to flood risk but there is no flood risk limit across most of the site.

5. STONINESS

5.1 Almost all the slowly permeable, clayey land is stoneless or very slightly stoney. The sandy soil to the east have extremely variable quantities of stone recorded as between 5% and 40% stone in the topsoil with subsoils often recorded as having even higher quantities of stone. The stones recorded were almost all small and very small, occasionally slightly larger but never a high enough quantity of the larger stones to affect cultivation or cropping decisions or affect land grade. The quantity of small stones will, however, have a significant impact on droughtiness calculation.

6. GRADIENT AND MICRORELIEF

6.1 The land is mostly gently sloping with areas that are almost flat and occasionally some slightly steeper slopes. Even at the steepest point the gradient never exceeds 5-6 degrees and so gradient and microrelief are determined not to impact land grade.

7. SOILS

7.1 The soils found on site largely follow the expectations set by the national soils map. Full information on the sample points along with trial pit descriptions and photographs and lab test results can be found at ***appendix 4***.

7.2 The soils to the north and west are largely reddish clay loam or clay topsoils – occasionally slightly silty over slowly permeable gleyed subsoils. Most of the subsoils are reddish with some being very red and resistant to gleying. For such a big area the soils are extremely consistent.

7.3 The soils to the east have more variability with topsoils recorded as sandy clay loam, medium sandy loam and loamy medium sand over subsoils that are recorded as sandy loam, loamy sand and sand. Colours vary quite significantly with lots of reddish and brown sand soils and areas where the sands are grey or pale having been affected by groundwater. The biggest variation across the sandy soils is the amount of very small and small stones found throughout the topsoil and subsoil which has a significant impact on droughtiness calculations.

7.4 A lot of time was spent looking at whether topsoils were naturally calcareous. Topsoils are recorded as naturally calcareous where there was a reaction to hydrochloric acid on site, the lab tests showed a calcium carbonate equivalent of more than 1% and where subsoils were also found to be calcareous. In the survey point data no subsoils are recorded as calcareous due to a error in the processing of the data that deleted the information but topsoils were only recorded on site as calcareous where they were identified as naturally calcareous as set out above. Discussions were had with landowners about lime applications and timings and where pH maps were available, the areas of higher pH closely match the areas identified as naturally calcareous in this report.

INTERACTIVE FACTORS

8. WETNESS

8.1 An assessment of the wetness class of each sample point was made based on the flow chart at Figure 6 in the MAFF guidance. The wetness class and topsoil texture were then assessed against Table 6 of the MAFF guidance to determine the ALC grade according to wetness. The wetness assessment can be found at ***appendix 4***.

8.2 Wetness is the principal limiting factor across a large proportion of the site. Almost all of the clay soils have a gleyed horizon (or are resistant to gleying) from less than 40cm and so Figure 7 is used to determine wetness class. Due to the relatively low rainfall levels across the whole site all of these areas with slowly permeable horizons are found to be wetness class II or III.

8.3 Table 6, <126 FCD (or 126-150FCD for area E) is then used to determine land grade which ranges from 2 to 3b. A lot of the topsoils are calcareous and so the grading increases by one grade compared to non-calcareous soils.

9. DROUGHTINESS

9.1 Droughtiness limits are defined in terms of moisture balance for wheat and potatoes using the formula:

MB (Wheat) = AP (Wheat) - MD (Wheat)

and

MB (Potatoes) = AP (Potatoes) - MD (Potatoes)

Where:
MB = Moisture Balance
AP = Crop Adjusted available water capacity
MD = Moisture deficit

9.2 Moisture deficit for wheat and potatoes can be found in the agro-climatic data.

9.3 Crop adjusted available water is calculated by reference to the total available water and easily available water which is calculated by reference to soil texture and structural condition and the stone content.

9.4 The moisture balance was calculated for the trial pit locations and locations where droughtiness was considered to be a potential limiting factor. This assessment can be found at ***appendix 4***.

9.5 Droughtiness is found to be the limiting factor across most of the sandy soils to the east of the site. The droughtiness limitation is most severe where subsoils are extremely stony or made up of coarse sand.

10. AGRICULTURAL LAND CLASSIFICATION

10.1 The Agricultural Land Classification provides a framework for classifying land according to which its physical or chemical characteristics impose long-term limitations on agricultural use. The limitations can operate in one or more of four principle ways: they may affect the range of crops that can be grown, the level of yield, the consistency of yield and the cost of obtaining it.

10.2 The principle physical factors influencing agricultural production are climate, site and soil and the interactions between them which together form the basis for classifying land into one of 5 grades; grade 1 being of excellent quality and grade 5 being land of very poor quality. Grade 3 land, which constitutes approximately half of all agricultural land in the United Kingdom is divided into 2 subgrades – 3a and 3b. A full definition of all of the grades can be found at ***appendix 5.***

10.3 This assessment sets out that different areas of the site are limited by both wetness and droughtiness.

10.4 The breakdown of land by classification is:

Block a

Grade 2:	26.6 Ha
Grade 3a:	435.8 Ha
Grade 3b:	62.6 Ha
Grade 4:	1.1 Ha
Non-agricultural:	3.6 Ha
Total:	529.7 Ha

Block b

Grade 1:	2.1 Ha
Grade 2:	68 Ha
Grade 3a:	219 Ha
Grade 3b:	226.3 Ha
Grade 4:	9.9 Ha
Non-agricultural:	6.2 Ha
Total	531.5 Ha

Block c

Grade 2:	8.5 Ha
Grade 3a:	105.9 Ha
Grade 3b:	218.7 Ha
Total:	333.1 Ha

Block d

Grade 1:	22.4 Ha
Grade 2:	1 Ha
Grade 3a:	94.6 Ha
Grade 3b:	281.9 Ha
Non-Agricultural:	3.2 Ha
Total:	403.1 Ha

Block e

Grade 2:	46.9 Ha
Grade 3a:	225.3 Ha
Grade 3b:	280.1 Ha
Total:	552.3 Ha

Block f

Grade 2:	48.1Ha
Grade 3a:	391.5 Ha
Grade 3b:	25.8 Ha
Non-agricultural:	0.9 Ha
Total:	466.3 Ha

Block g

Grade 3a:	16 Ha
Grade 3b:	37.1 Ha
Total:	53.1 Ha

Total area

Grade 1:	**24.5 Ha**
Grade 2:	**199.1 Ha**
Grade 3a:	**1488.1 Ha**
Grade 3b:	**1132.5 Ha**
Grade 4:	**11 Ha**
Non-Agricultural:	**13.9 Ha**
Total:	**2869.1 Ha**

10.5 A plan of the land grading can be found at ***appendix 6***.

10.6 Following amendments to the scheme and the breakdown of land grade within the order limits is:

Grade 1:	**0 Ha**
Grade 2:	**149.5 Ha**
Grade 3a:	**943.9 Ha**
Grade 3b:	**595.9 Ha**
Grade 4:	**0.5 Ha**
Grade 5:	**0 Ha**
Non-Agricultural:	**43.3 Ha**
Not surveyed:	**31.5 Ha**
Total:	**1764.6 Ha**

Appendix 1 – Details of the Authors Experience

James Fulton

Professional Education and Qualifications

BSc (Hons) Agriculture, University of Nottingham (2004)

Member of the Royal Institution of Chartered Surveyors (MRICS) (2008)

Fellow of the Central Association of Agricultural Valuers (FAAV) (2009)

Relevant Work Experience

While working for a regional firm from 2004 until 2016 as part of my work I provided advice to farmers on soils, cultivation techniques and cropping and was involved in field trials which assessed cropping and cultivation techniques and how they impacted soil structure. At the same time I worked alongside an experienced surveyor who produced Agricultural Land Classification reports and I received training in field survey techniques and the ALC process to the point where I was able to produce ALC reports.

In 2016 I left my employer and formed Amet Property Ltd providing development consultancy and other rural practice surveying services. Of all of the services that we provide Agricultural Land Classification reports is the single largest area of work accounting for approximately 70% of all of my working time.

While I am not a member of the BSSS I meet the minimum competencies set out by the BSSS in Document 1 *Foundation skills in field soil investigation, description and interpretation* and Document 2 *Agricultural Land Classification (England and Wales)*

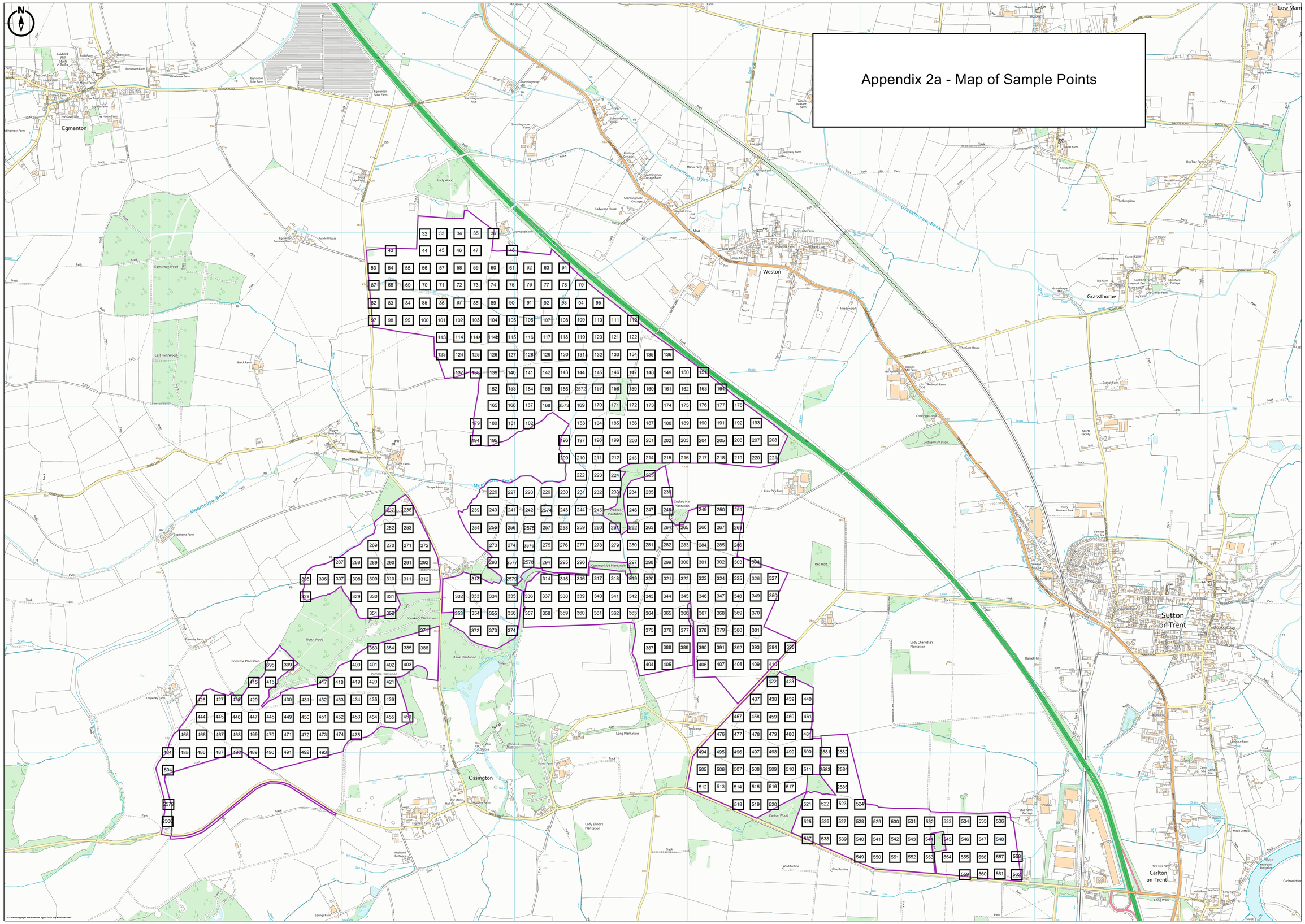
Professional Standards

As a member of the Royal Institution of Chartered Surveyors and Fellow of the Central Association of Agricultural Valuers I am bound by their professional standards and am only able to carry out work where I am suitably qualified and experienced to do so. Due to the formal and practical training that I have received I am able to competently produce Agricultural Land Classification reports.

Assistant Surveyors

The BSSS acknowledges a significant lack of suitably qualified individuals able to produce ALC reports and so I have trained individuals to meet the requirements of BSSS Document 1 *Foundation skills in field soil investigation, description, and interpretation.*

Appendix 2a - Map of Sample Points



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Plotted Scale - 1:10000. Paper Size - A1

Appendix 2b - Map of Sample Points

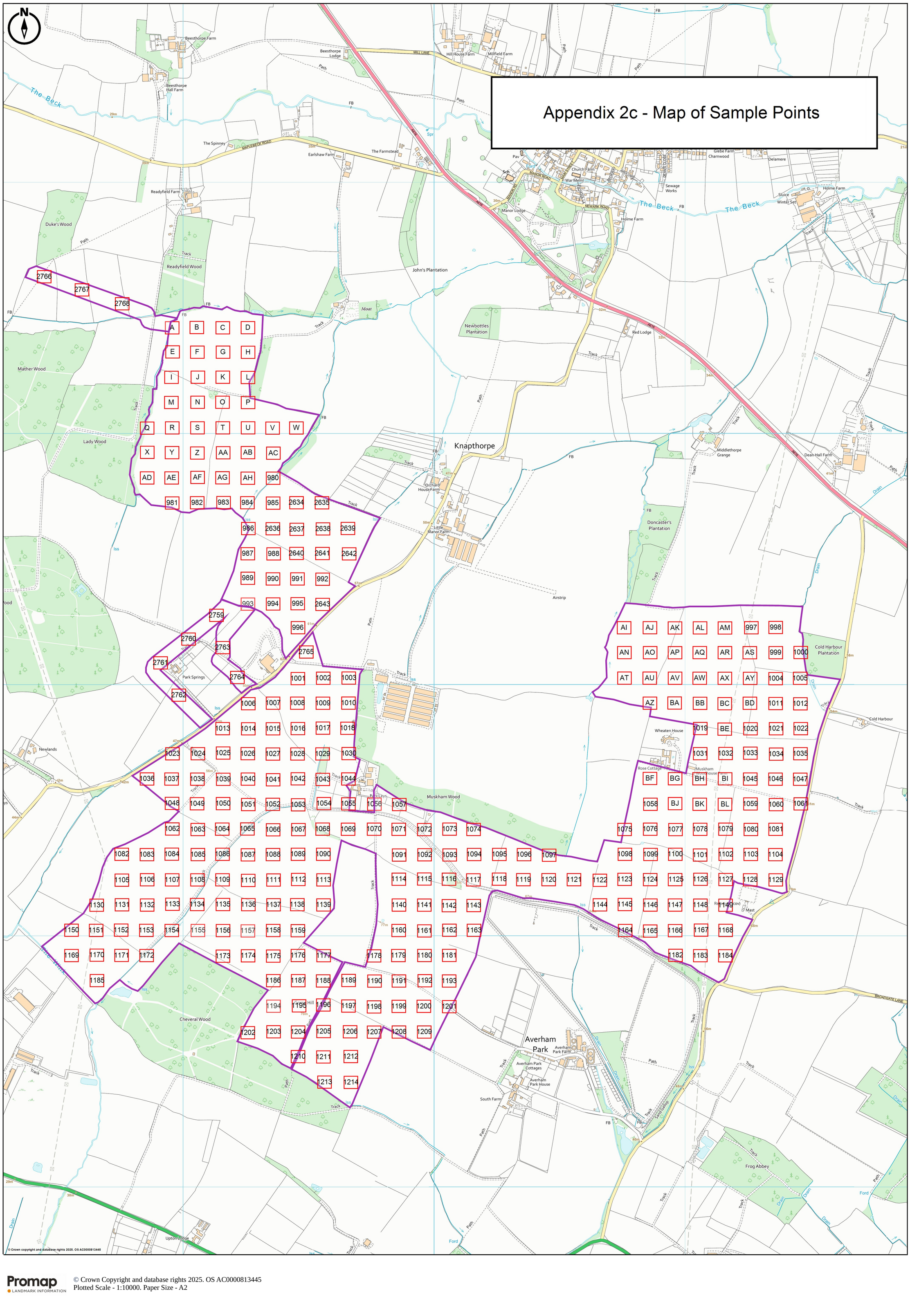
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Promap LANDMARK INFORMATION

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Appendix 2c - Map of Sample Points

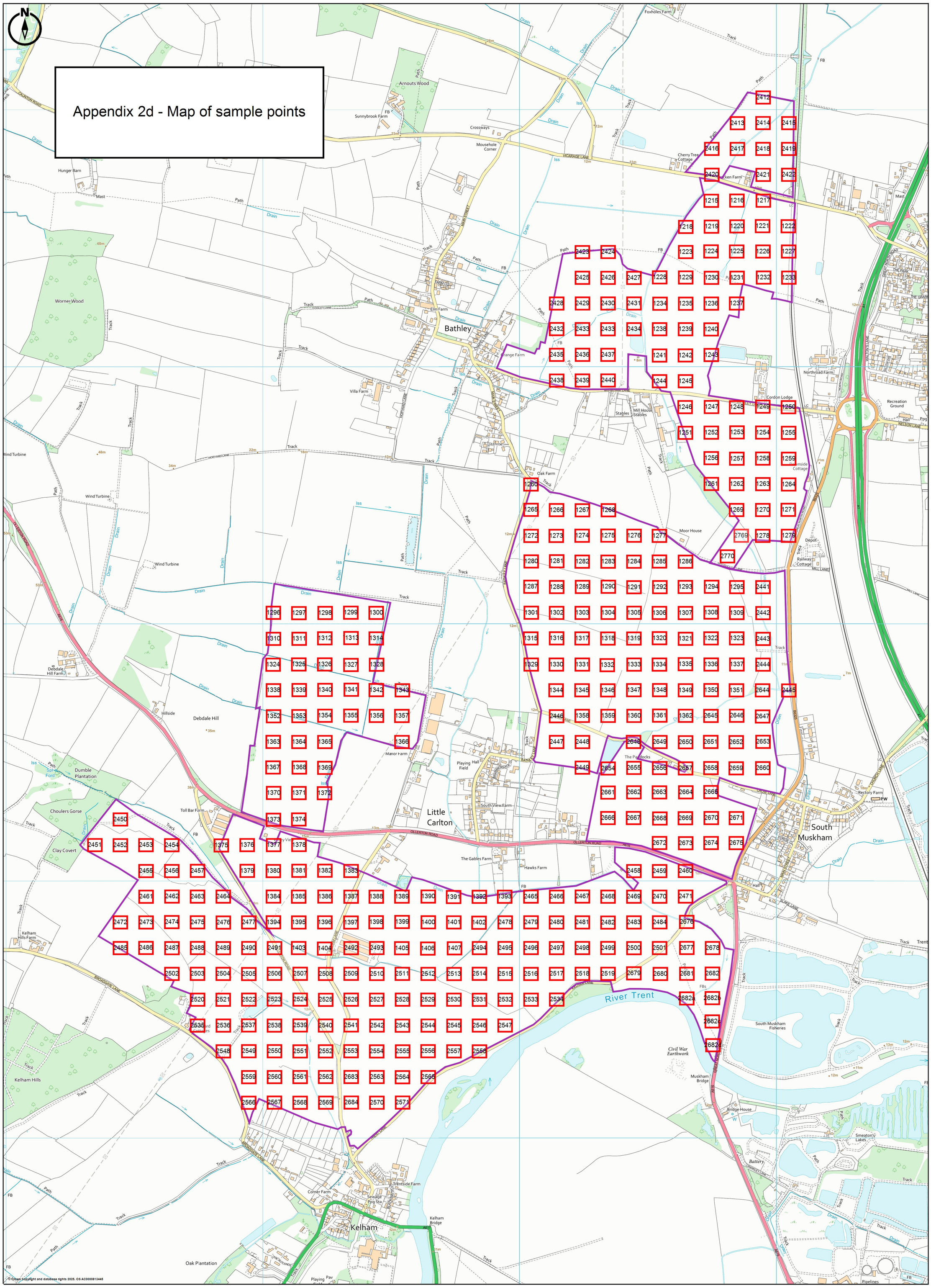


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LANDMARK INFORMATION

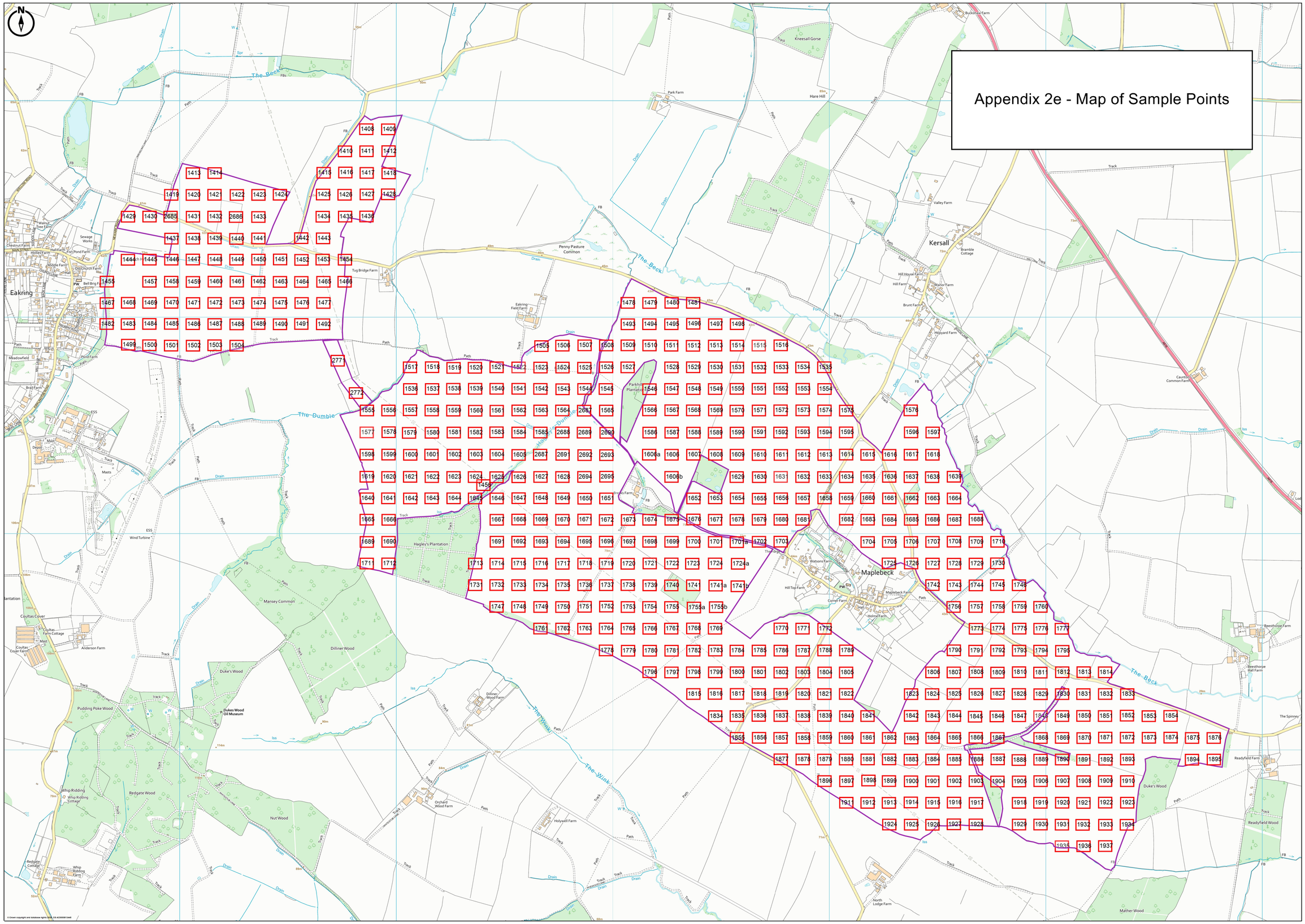
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Appendix 2d - Map of sample points



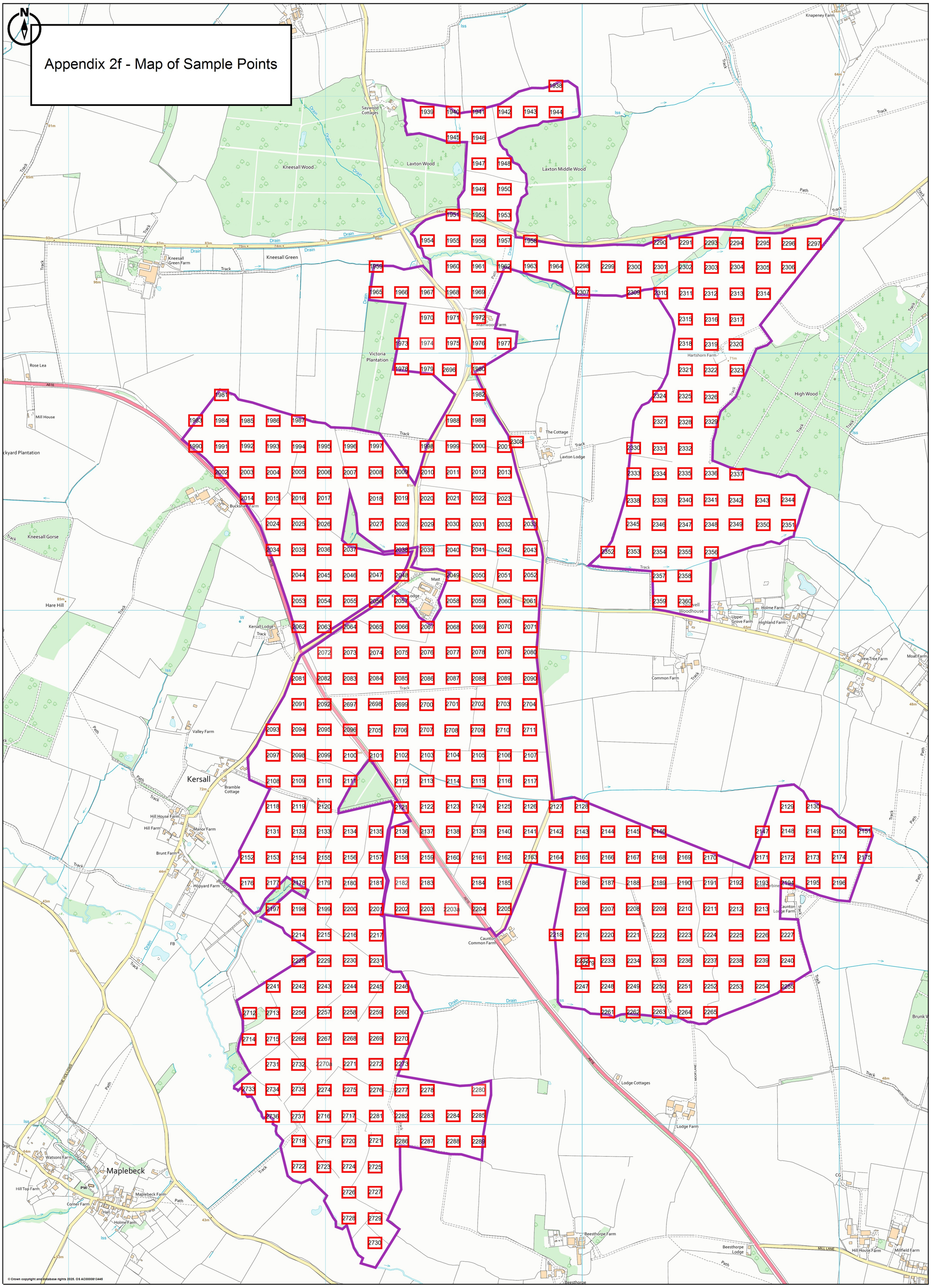
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Appendix 2e - Map of Sample Points



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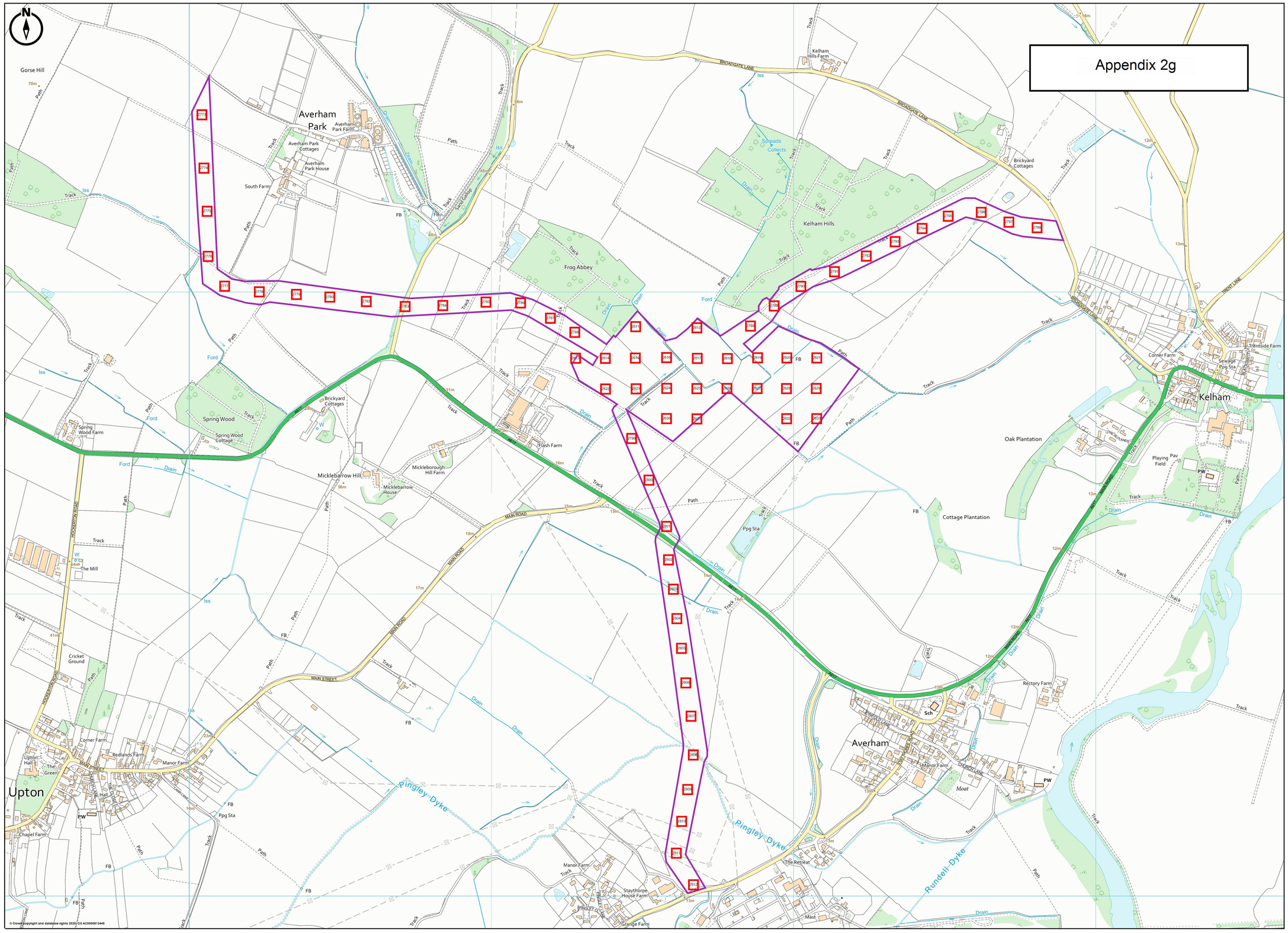
Appendix 2f - Map of Sample Points



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LANDMARK INFORMATION

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Appendix 2g



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Appendix 3 – Climatic Data

Site Details: Staythorpe a

Grid reference (centre of site): 475947 366589

Altitude: Mean 37.58m AOD

Climatic data from surrounding locations:

Grid Reference	ALT	AAR	LR_AAR	ASR	ATO	ATS	MDW	MDP	FCD
47503650	8	576	0.7	290	1428	2398	118	113	113
47503700	12	570	0.4	290	1421	1390	117	112	112
48003650	50	595	1	295	1381	2343	113	105	120
48003700	30	589	0.8	300	1402	2367	113	106	117

Altitude Adjusted

Grid Reference	AAR	ATO	FCD	MDW	MDP	Proximity Adjustment
48003650	596.71	1394.28	115.99	113.52	107.09	60.38%
47503650	580.23	1391.84	113.48	113.66	107.58	20.45%
48003700	582.58	1395.16	118.20	115.14	107.82	12.20%
47503700	595.06	1393.36	117.88	111.80	104.42	6.97%

Site Details: Staythorpe b

Grid reference (centre of site): 478732 362451

Altitude: Mean 22.39m AOD

Climatic data from surrounding locations:

Grid Reference	ALT	AAR	LR_AAR	ASR	ATO	ATS	MDW	MDP	FCD
47503600	25	583	1.1	295	1412	2378	115	109	116
47503650	50	595	1	295	1381	2343	113	105	120
48003600	10	570	0.6	295	1428	2398	117	111	112
48003650	8	576	0.7	290	1428	2398	118	113	113

Altitude Adjusted

Grid Reference	AAR	ATO	FCD	MDW	MDP	Proximity Adjustment
47503600	580.13	1414.97	115.59	115.47	109.61	13.59%
47503650	567.39	1412.47	116.01	117.76	111.26	13.17%
48003600	577.44	1413.87	113.08	115.21	108.64	37.57%
48003650	586.08	1411.59	114.46	115.82	110.12	35.67%

Site Details: Staythorpe c

Grid reference (centre of site): 474344 357600

Altitude: Mean 59.05m AOD

Climatic data from surrounding locations:

Grid Reference	ALT	AAR	LR_AAR	ASR	ATO	ATS	MDW	MDP	FCD
47003550	27	649	1.3	320	1413	2377	109	102	134
47003600	71	630	1.4	315	1360	2318	106	97	129
47503550	25	587	1.1	295	1414	2380	115	109	113
47503600	25	583	1.1	295	1412	2378	115	109	116

Altitude Adjusted

Grid Reference	AAR	ATO	FCD	MDW	MDP	Proximity Adjustment
47003550	690.67	1376.46	140.02	102.80	93.87	2.93%
47003600	613.27	1373.62	126.58	108.40	100.14	46.41%
47503550	624.46	1375.18	118.42	108.88	100.97	13.31%
47503600	620.46	1373.18	121.42	108.88	100.97	37.35%

Site Details: Staythorpe d

Grid reference (centre of site): 478215 358377

Altitude: Mean 15.59m AOD

Climatic data from surrounding locations:

Grid Reference	ALT	AAR	LR_AAR	ASR	ATO	ATS	MDW	MDP	FCD
47503550	25	587	1.1	295	1414	2380	115	109	113
47503600	25	583	1.1	295	1412	2378	115	109	116
48003550	10	559	0.7	285	1430	2400	120	115	108
48003600	10	570	0.6	295	1428	2398	117	111	112

Altitude Adjusted

Grid Reference	AAR	ATO	FCD	MDW	MDP	Proximity Adjustment
47503550	576.65	1424.73	111.50	116.69	111.22	12.15%
47503600	572.65	1422.73	114.50	116.69	111.22	22.56%
48003550	562.91	1423.63	108.57	119.15	113.88	19.82%
48003600	573.35	1421.63	112.48	116.19	109.93	45.47%

Site Details: Staythorpe e

Grid reference (centre of site): 470205 361225

Altitude: Mean 64.93m AOD

Climatic data from surrounding locations:

Grid Reference	ALT	AAR	LR_AAR	ASR	ATO	ATS	MDW	MDP	FCD
47003600	71	630	1.4	315	1360	2318	106	97	129
47003650	80	625	1.2	320	1348	2305	104	94	125
47503600	25	583	1.1	295	1412	2378	115	109	116
47503650	50	595	1	295	1381	2343	113	105	120

Altitude Adjusted

Grid Reference	AAR	ATO	FCD	MDW	MDP	Proximity Adjustment
47003600	621.50	1366.92	127.77	107.22	98.60	82.42%
47003650	606.91	1365.18	122.38	106.81	97.69	10.64%
47503600	626.92	1366.48	122.35	107.83	99.58	4.65%
47503650	609.93	1363.98	122.16	110.42	101.61	2.29%

Site Details: Staythorpe f

Grid reference (centre of site): 472607 362904

Altitude: Mean 69.49m AOD

Climatic data from surrounding locations:

Grid Reference	ALT	AAR	LR_AAR	ASR	ATO	ATS	MDW	MDP	FCD
47003600	71	630	1.4	315	1360	2318	106	97	129
47003650	80	625	1.2	320	1348	2305	104	94	125
47503600	25	583	1.1	295	1412	2378	115	109	116
47503650	50	595	1	295	1381	2343	113	105	120

Altitude Adjusted

Grid Reference	AAR	ATO	FCD	MDW	MDP	Proximity Adjustment
47003600	627.89	1361.72	128.69	106.30	97.40	20.15%
47003650	612.39	1359.98	123.18	105.96	96.57	27.67%
47503600	631.94	1361.28	123.08	107.01	98.51	21.81%
47503650	614.49	1358.78	122.82	109.64	100.58	30.37%

Site Details: Staythorpe g

Grid reference (centre of site): 475776 355667

Altitude: Mean 17.18m AOD

Climatic data from surrounding locations:

Grid Reference	ALT	AAR	LR_AAR	ASR	ATO	ATS	MDW	MDP	FCD
4750 3550	19	574	1.1	290	1423	2390	117	117	112
4750 3600	25	587	1.1	295	1414	2380	115	109	113
4800 3550	10	559	0.7	285	1430	2400	120	115	108
4800 3600	10	570	0.9	295	1428	2398	117	111	112

Altitude Adjusted

Grid Reference	AAR	ATO	FCD	MDW	MDP	Proximity Adjustment
4750 3550	572.00	1425.07	111.71	117.33	117.43	87.73%
4750 3600	578.40	1422.91	111.76	116.40	110.84	4.74%
4800 3550	564.03	1421.81	108.73	118.91	113.57	5.02%
4800 3600	576.46	1419.81	112.93	115.81	109.44	2.51%

Appendix 4a - Auger point assessment

		Topsoil					Subsoil 1						Subsoil 2						Wetness Assesment			Grade
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness
32	42	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
33	40	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
34	40	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
35	41	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
36	38	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
43	49	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
44	46	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
45	43	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
46	42	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
47	41	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
48	37	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
53	45	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
54	44	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
55	42	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
56	41	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
57	40	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
58	40	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
59	38	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
60	36	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
61	34	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
62	30	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
63	28	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
64	27	0-25	Calc C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3a
67	47	0-25	Calc C	7.5YR 4/2		FOB	25-45	C	2.5YR 4/4		CBG	C PRISM	45-55	C	2.5Y 5/1		FO	MASSIVE	25	25	III	3a
68	48	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
69	44	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
70	41	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
71	40	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
72	38	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
73	37	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
74	35	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
75	34	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
76	32	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
77	29	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
78	27	0-25	C	10YR 4/2			25-60	C	5YR 5/3		COB	CAB	60-120	C	10YR 5/1		MO	C PRISM	25	25	III	3b
79	24	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
82	44	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
83	43	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
84	42	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
85	40	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
86	39	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
87	38	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
88	37	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
89	35	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
90	35	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
91	34	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
92	33	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
93	31	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
94	29	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
95	26	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
97	50	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
98	44	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
99	46	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
100	43	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
101	42	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
102	41	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a

		Topsoil					Subsoil 1						Subsoil 2						Depth to		Wetness	According to
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness
103	40	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
104	38	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
105	36	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
106	34	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
107	34	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
108	32	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
109	31	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
110	29	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
111	26	0-25	Calc MCL	5YR 4/3			25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	2
112	23	0-25	Calc MCL	5YR 4/3			25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	2
113	39	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
114	36	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
114a	36	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
114b	36	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
115	35	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
116	33	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
117	31	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
118	29	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
119	25	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
120	38	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
121	36	0-25	Calc MCL	5YR 4/3			25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	2
122	34	0-25	Calc MCL	5YR 4/3			25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	2
123	31	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
124	31	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
125	30	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
126	29	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
127	27	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
128	27	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
129	26	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
130	24	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
131	24	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
132	23	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
133	22	0-25	Calc MCL	5YR 4/3			25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	2
134	34	0-25	Calc MCL	5YR 4/3			25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	2
135	33	0-25	Calc MCL	5YR 4/3			25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	2
136	32	0-25	Calc MCL	5YR 4/3			25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	2
137	31	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
138	30	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
139	29	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
140	28	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
141	28	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
142	27	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
143	26	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
144	25	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
145	25	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
146	23	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
147	27	0-25	Calc MCL	5YR 4/3			25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	2
148	22	0-25	Calc MCL	5YR 4/3			25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	2
149	26	0-25	Calc MCL	7.5YR 4/2			25-70	SCL	7.5YR 5/3		CO	POOR	70-120	SC	5YR 4/4		CB	POOR	25	25	III	2
150	23	0-25	Calc MCL	7.5YR 4/2			25-70	SCL	7.5YR 5/3		CO	POOR	70-120	SC	5YR 4/4		CB	POOR	25	25	III	2
151	23	0-25	Calc MCL	7.5YR 4/2			25-70	SCL	7.5YR 5/3		CO	POOR	70-120	SC	5YR 4/4		CB	POOR	25	25	III	2
152	35	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
153	34	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
154	32	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
155	28	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
156	31	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
157	25	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
158	31	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b

		Topsoil					Subsoil 1						Subsoil 2						Depth to		Wetness	According to
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness
159	29	0-25	Calc HCL	7.5YR 4/2			25-70	SCL	7.5YR 5/3		CO	POOR	70-120	SC	5YR 4/4		CB	POOR	25	25	III	3a
160	29	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
161	26	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
162	31	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
163	33	0-25	Calc MCL	7.5YR 4/2			25-70	SCL	7.5YR 5/3		CO	WMAB	70-120	SC	5YR 4/4		CB	C PRISM	25	25	III	2
164	34	0-25	Calc MCL	7.5YR 4/2			25-70	SCL	7.5YR 5/3		CO	POOR	70-120	SC	5YR 4/4		CB	POOR	25	25	III	2
165	27	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
166	25	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
167	24	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
168	23	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
169	21	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
170	25	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
171	23	NON - AGRICULTURAL																				
172	25	0-25	Calc HCL	7.5YR 4/2			25-70	SCL	7.5YR 5/3		CO	POOR	70-120	SC	5YR 4/4		CB	POOR	25	25	III	3a
173	26	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
174	27	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
175	26	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
176	27	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
177	23	0-25	Calc C	7.5YR 4/2		FOB	25-40	C	10YR 5/2		CO	POOR	40-120	C	2.5YR 4/4		CB	POOR	25	25	III	3a
178	25	0-25	Calc C	7.5YR 4/2		FOB	25-40	C	10YR 5/2		CO	POOR	40-120	C	2.5YR 4/4		CB	POOR	25	25	III	3a
179	26	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
180	27	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
181	23	0-25	Calc HCL	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
182	25	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
183	26	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
184	26	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
185	21	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
186	24	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
187	26	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
188	27	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
189	28	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
190	24	0-25	Calc C	10YR 4/2		FOB	25-40	C	10YR 5/2		CO	POOR	40-120	C	2.5YR 4/4		CB	POOR	25	25	III	3a
191	24	0-25	Calc C	10YR 4/2		FOB	25-40	C	10YR 5/2		CO	POOR	40-120	C	2.5YR 4/4		CB	POOR	25	25	III	3a
192	23	0-25	Calc C	10YR 4/2		FOB	25-40	C	10YR 5/2		CO	POOR	40-120	C	2.5YR 4/4		CB	POOR	25	25	III	3a
193	22	0-25	Calc C	10YR 4/2		FOB	25-40	C	10YR 5/2		CO	POOR	40-120	C	2.5YR 4/4		CB	POOR	25	25	III	3a
194	25	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
195	26	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
196	28	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
197	26	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
198	24	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
199	26	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
200	24	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
201	28	0-25	Calc C	10YR 4/2		FOB	25-40	C	10YR 5/2		CO	POOR	40-120	C	2.5YR 4/4		CB	POOR	25	25	III	3a
202	29	0-25	Calc C	10YR 4/2		FOB	25-40	C	10YR 5/2		CO	POOR	40-120	C	2.5YR 4/4		CB	POOR	25	25	III	3a
203	23	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
204	24	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
205	21	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
206	27	0-25	Calc C	10YR 4/2		FOB	25-40	C	10YR 5/2		CO	POOR	40-120	C	2.5YR 4/4		CB	POOR	25	25	III	3a
207	24	0-25	Calc C	10YR 4/2		FOB	25-40	C	10YR 5/2		CO	POOR	40-120	C	2.5YR 4/4		CB	POOR	25	25	III	3a
208	25	0-25	Calc C	10YR 4/2		FOB	25-40	C	10YR 5/2		CO	POOR	40-120	C	2.5YR 4/4		CB	POOR	25	25	III	3a
209	24	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
210	21	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
211	23	0-25	C	10YR 4/2			25-60	C	5YR 5/3		CO	POOR	60-120	C	10YR 5/1		MO	POOR	25	25	III	3b
212	24	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
213	25	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
214	26	0-25	Calc C	10YR 4/2		FOB	25-40	C	10YR 5/2		CO	POOR	40-120	C	2.5YR 4/4		CB	POOR	25	25	III	3a
215	27	0-25	Calc C	10YR 4/2		FOB	25-40	C	10YR 5/2		CO	POOR	40-120	C	2.5YR 4/4		CB	POOR	25	25	III	3a
216	24	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a

		Topsoil					Subsoil 1					Subsoil 2						Depth to		Wetness	According to
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness
217	25	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
218	26	0-25	Calc C	7.5YR 4/2		FOB	25-120	C	2.5YR 4/4		MBG	POOR							25	25	III	3a
219	27	0-25	Calc C	10YR 4/2		FOB	25-40	C	10YR 5/2		CO	POOR	40-120	C	2.5YR 4/4		CB	POOR	25	25	III	3a
220	28	0-25	Calc C	10YR 4/2		FOB	25-40	C	10YR 5/2		CO	POOR	40-120	C	2.5YR 4/4		CB	POOR	25	25	III	3a
221	24	0-25	Calc C	10YR 4/2		FOB	25-40	C	10YR 5/2		CO	POOR	40-120	C	2.5YR 4/4		CB	POOR	25	25	III	3a
222	25	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
223	29	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
224	26	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
225	27	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
226	27	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
227	26	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
228	27	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
229	28	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
230	33	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
231	26	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
232	25	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
233	23	0-30	Calc C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3a
234	33	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
235	33	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
236	34	0-30	Calc C	7.5YR 3/3			30-60	CL	10YR 5/3		MOB	POOR	60-120	C	5YR 5/3		COB	POOR	30	30	III	3a
237	27	Ground so wet (in a very dry period) that access could not be gained - land seriously affected by groundwater																				
238	28	Ground so wet (in a very dry period) that access could not be gained - land seriously affected by groundwater																				
239	29	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
240	24	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
241	25	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
242	26	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
243	28	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
244	31	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
245	32	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
246	31	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
247	31	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
248	31	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
249	34	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
250	32	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
251	35	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
252	34	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3a
253	32	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3a
254	29	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
255	29	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
256	27	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
257	28	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
258	29	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
259	28	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
260	31	0-30	Calc C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3a
261	30	0-30	Calc C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3a
262	31	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
263	32	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
264	32	0-30	Calc HCL	10YR 3/2			30-120	C	5GY 7/1		MO	MASSIVE							30	30	III	3a
265	29	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
266	29	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
267	27	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
268	26	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
269	25	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
270	27	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
271	28	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
272	25	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
273	27	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
274	27	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a

		Topsoil					Subsoil 1						Subsoil 2					Depth to		Wetness	According to
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness
275	29	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
276	30	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
277	30	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
278	31	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
279	32	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
280	32	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
281	29	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
282	27	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
283	28	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
284	29	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
285	30	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
286	30	0-30	Calc C	10YR 3/2			30-70	C	5GY 7/1		MO	POOR	70	IMP					30	30	III	3a
287	29	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
288	28	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
289	29	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
290	26	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
291	28	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
292	28	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
293	29	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
294	30	0-30	Calc C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3a
295	31	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
296	32	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
297	33	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
298	34	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
299	33	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
300	34	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
301	35	0-30	Calc HCL	10YR 4/3	<5%		30-50	CL	10YR 5/3		MOB	POOR	50-120	C	5YR 5/3		COBG	POOR	30	30	III	3a
302	41	0-30	Calc HCL	10YR 4/3	<5%		30-50	CL	10YR 5/3		MOB	POOR	50-120	C	5YR 5/3		COBG	POOR	30	30	III	3a
303	42	0-30	Calc HCL	10YR 4/3	<5%		30-50	CL	10YR 5/3		MOB	POOR	50-120	C	5YR 5/3		COBG	POOR	30	30	III	3a
304	43	0-30	Calc HCL	10YR 4/3	<5%		30-50	CL	10YR 5/3		MOB	POOR	50-120	C	5YR 5/3		COBG	POOR	30	30	III	3a
305	45	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
306	43	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
307	42	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
308	43	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
309	39	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
310	37	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
311	36	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
312	37	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
313	36	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
314	35	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
315	35	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
316	34	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
317	34	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
318	32	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
319	31	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
320	33	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
321	35	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
322	40	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
323	43	0-30	Calc HCL	10YR 4/3	<5%		30-50	CL	10YR 5/3		MOB	POOR	50-120	C	5YR 5/3		COBG	POOR	30	30	III	3a
324	45	0-30	Calc HCL	10YR 4/3	<5%		30-50	CL	10YR 5/3		MOB	POOR	50-120	C	5YR 5/3		COBG	POOR	30	30	III	3a
325	45	0-30	Calc HCL	10YR 4/3	<5%		30-50	CL	10YR 5/3		MOB	POOR	50-120	C	5YR 5/3		COBG	POOR	30	30	III	3a
326	46	0-30	Calc HCL	10YR 4/3	<5%		30-50	CL	10YR 5/3		MOB	POOR	50-120	C	5YR 5/3		COBG	POOR	30	30	III	3a
327	44	0-30	Calc HCL	10YR 4/3	<5%		30-50	CL	10YR 5/3		MOB	POOR	50-120	C	5YR 5/3		COBG	POOR	30	30	III	3a
328	42	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
329	42	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
330	38	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
331	37	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
332	36	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a

		Topsoil					Subsoil 1						Subsoil 2						Depth to		Wetness	According to
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness
333	35	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
334	35	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
335	34	0-30	C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3b
336	35	0-30	Calc C	7.5YR 3/3			30-120	C	5YR 5/3		COB	C PRISM							30	30	III	3a
337	37	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
338	39	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
339	40	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
340	41	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
341	38	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
342	37	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
343	35	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
344	34	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
345	35	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
346	34	0-30	Calc HCL	10YR 4/3	<5%		30-50	CL	10YR 5/3		MOB	POOR	50-120	C	5YR 5/3		COBG	POOR	30	30	III	3a
347	35	0-30	Calc MCL	10YR 4/3	5%		30-50	St CL	10YR 5/3		MOB	MODERATE	50-120	C	5YR 5/3	COBG	POOR		30	30	III	2
348	50	0-30	Calc MCL	10YR 4/3	5%		30-50	St CL	10YR 5/3		MOB	MODERATE	50-120	C	5YR 5/3	COBG	POOR		30	30	III	2
349	48	0-30	Calc MCL	10YR 4/3	5%		30-50	St CL	10YR 5/3		MOB	MODERATE	50-120	C	5YR 5/3	COBG	POOR		30	30	III	2
350	46	0-30	Calc MCL	10YR 4/3	5%		30-50	St CL	10YR 5/3		MOB	MODERATE	50-120	C	5YR 5/3	COBG	POOR		30	30	III	2
351	43	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
352	40	0-30	Calc C	7.5YR 4/2			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
353	38	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
354	37	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
355	38	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
356	37	0-30	Calc C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3a
357	36	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
358	35	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
359	35	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
360	37	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
361	38	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
362	39	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
363	41	0-30	Calc C	7.5YR 3/3			30-120	C	5YR 5/3		COB	POOR							30	30	III	3a
364	42	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
365	43	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
366	43	0-30	Calc C	10YR 3/2			30-120	C	5YR 5/3		MOB	POOR							30	30	III	3a
367	45	0-30	Calc MCL	10YR 4/3	5%		30-50	St CL	10YR 5/3		MOB	MODERATE	50-120	C	5YR 5/3	COBG	POOR		30	30	III	2
368	39	0-30	Calc MCL	10YR 4/3	5%		30-50	St CL	10YR 5/3		MOB	MAB	50-120	C	5YR 5/3	COBG	MASSIVE		30	30	III	2
369	38	0-30	Calc MCL	10YR 4/3	5%		30-50	St CL	10YR 5/3		MOB	MODERATE	50-120	C	5YR 5/3	COBG	POOR		30	30	III	2
370	36	0-30	Calc MCL	10YR 4/3	5%		30-50	St CL	10YR 5/3		MOB	MODERATE	50-120	C	5YR 5/3	COBG	POOR		30	30	III	2
371	39	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
372	41	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
373	41	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
374	44	0-30	Calc C	10YR 3/3			30-60	C	10YR 5/3		MOG	POOR	60-120	C	10YR 5/1		MOB	POOR	30	30	III	3a
375	44	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
376	45	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
377	47	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
378	48	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
379	51	0-30	Calc MCL	10YR 4/3	5%		30-50	St CL	10YR 5/3		MOB	MODERATE	50-120	C	5YR 5/3	COBG	POOR		30	30	III	2
380	50	0-30	Calc MCL	10YR 4/3	5%		30-50	St CL	10YR 5/3		MOB	MODERATE	50-120	C	5YR 5/3	COBG	POOR		30	30	III	2
381	47	0-30	Calc MCL	10YR 4/3	5%		30-50	St CL	10YR 5/3		MOB	MODERATE	50-120	C	5YR 5/3	COBG	POOR		30	30	III	2
383	45	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
384	39	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
385	37	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
386	36	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
387	35	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
388	34	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
389	32	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		MOG	POOR							30	30	III	3a
390	31	0-30	Calc HCL	5YR 4/3			30-120	C	2.5YR 5/3		COBG	POOR							30	30	III	3a
391	31	0-30	Calc HCL	5YR 4/3			30-120	C	2.5YR 5/3		COBG	POOR							30	30	III	3a

		Topsoil					Subsoil 1						Subsoil 2						Depth to		Wetness	According to
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness
392	29	0-30	Calc HCL	5YR 4/3			30-120	C	2.5YR 5/3		COBG	POOR							30	30	III	3a
393	44	0-30	Calc HCL	5YR 4/3			30-120	C	2.5YR 5/3		COBG	POOR							30	30	III	3a
394	43	0-30	Calc HCL	5YR 4/3			30-120	C	2.5YR 5/3		COBG	POOR							30	30	III	3a
395	47	0-30	Calc HCL	5YR 4/3			30-120	C	2.5YR 5/3		COBG	POOR							30	30	III	3a
398	49	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
399	48	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
400	47	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
401	44	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
402	42	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
403	41	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
404	40	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		COB	POOR							30	30	III	3a
405	40	0-30	Calc HCL	7.5YR 3/3			30-120	C	5YR 5/3		COB	POOR							30	30	III	3a
406	39	0-30	Calc HCL	5YR 4/3			30-120	C	2.5YR 5/3		COBG	POOR							30	30	III	3a
407	36	0-30	Calc HCL	5YR 4/3			30-120	C	2.5YR 5/3		COBG	POOR							30	30	III	3a
408	47	0-30	Calc HCL	5YR 4/3			30-120	C	2.5YR 5/3		COBG	POOR							30	30	III	3a
409	48	0-30	Calc HCL	5YR 4/3			30-120	C	2.5YR 5/3		COBG	POOR							30	30	III	3a
410	49	0-30	Calc HCL	5YR 4/3			30-120	C	2.5YR 5/3		COBG	POOR							30	30	III	3a
415	49	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
416	48	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
417	46	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
418	44	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
419	26	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
420	28	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
421	45	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
422	47	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
423	48	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
426	51	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
427	51	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
428	51	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
429	49	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
430	49	0-30	Calc HCL	10YR 4/2			40-70	C	10YR 5/2		COBG	WMAB	70-90	C	2.5Y 5/1		COB	MASSIVE	30	30	III	3a
431	47	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
432	47	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
433	45	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
434	27	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
435	26	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
436	24	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
437	24	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
438	61	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
439	60	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
440	60	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
444	59	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
445	58	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
446	54	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
447	56	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
448	54	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
449	53	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
450	52	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
451	51	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
452	50	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
453	52	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
454	44	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
455	43	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
456	42	0-30	Calc HCL	10YR 4/2			30-50	C	2.5YR 4/4		FOBG	POOR	50	IMP					30	30	III	3a
457	41	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
458	39	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
459	62	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
460	61	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a

		Topsoil					Subsoil 1					Subsoil 2						Depth to		Wetness	According to
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness
461	60	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
465	57	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
466	55	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
467	54	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
468	54	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
469	53	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
470	51	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
471	49	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
472	48	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
473	42	0-25	Calc HCL	10YR 4/2			25-45	C	10YR 4/2		FBG	CAB	45-55	C	2.5Y 5/1		FOB	C PRISM	25	25	III	3a
474	41	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
475	40	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
476	40	0-25	Calc HCL	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
477	39	0-25	Calc HCL	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
478	38	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
479	63	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
480	58	0-25	Calc C	5YR 4/3			30-50	C	5YR 5/3		COBG	POOR	50-120	C	7.5YR 6/1			MASSIVE	25	25	III	3a
481	57	0-25	Calc C	5YR 4/3			30-50	C	5YR 5/3		COBG	POOR	50-120	C	7.5YR 6/1			MASSIVE	25	25	III	3a
484	53	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
485	52	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
486	51	0-25	Calc HCL	10YR 4/2	5%		25-70	C	2.5Y 5/1		CO	POOR	70-120	C	2.5YR 4/4		FOB	POOR	25	25	III	3a
487	50	0-25	Calc HCL	10YR 4/2	5%		25-35	C	2.5Y 5/1		CO	MASSIVE	35-120	C	2.5YR 4/4		FOB	C PRISM	25	25	III	3a
488	49	NON - AGRICULTURAL																				
489	48	0-30	Calc HCL	10YR 4/2			30-60	C	2.5YR 4/4		FOBG	POOR	60-120	C	2.5Y 5/1		MOB	POOR	30	30	III	3a
490	47	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
491	42	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
492	41	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
493	41	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
494	40	0-25	Calc HCL	5YR 4/3			30-120	C	5YR 5/3		COBG	CAB							25	25	III	3a
495	39	0-25	Calc HCL	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
496	38	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
497	37	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
498	64	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
499	62	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
500	61	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
504	45	0-30	Calc HCL	10YR 4/2			30-120	C	2.5YR 4/4		FOBG	POOR							30	30	III	3a
505	44	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
506	42	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
507	41	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
508	40	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
509	46	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
510	45	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
511	43	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
512	42	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
513	42	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
514	41	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
515	52	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
516	48	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
517	50	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
518	44	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
519	42	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
520	42	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
521	41	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
522	40	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
523	37	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
524	36	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
525	35	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
526	34	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a

		Topsoil					Subsoil 1					Subsoil 2						Depth to		Wetness	According to
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness
527	33	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
528	32	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
529	31	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
530	28	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
531	27	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
532	25	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
533	23	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
534	41	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
535	40	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
536	40	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
537	39	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
538	38	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
539	36	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
540	35	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
541	34	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
542	33	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
543	32	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
544	31	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
545	29	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
546	40	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
547	38	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
548	37	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
549	36	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
550	32	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
551	30	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
552	29	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
553	28	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
554	25	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
555	26	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
556	31	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
557	28	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
558	26	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
559	24	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
560	23	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
561	22	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
562	21	0-25	Calc C	5YR 4/3			30-120	C	5YR 5/3		COBG	POOR							25	25	III	3a
	36.74																					

Appendix 4b - Auger point assessment

																			Wetness Assesment			Grade	Droughtiness Assessment		Grade	Grade by
		Topsoil					Subsoil 1						Subsoil 2						Depth to		Wetness	According to			According to	most limiting
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness	MB Wheat	MB Potato	Droughtiness	factor
563	47	0-30	Calc HCL	5YR 4/3			30-60	Calc C	5YR 5/3		COBG	CAB	60-120	Calc C	7.5YR 5/1		COB	C PRISM	30	30	III	3a				3a
564	46	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
565	40	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
566	39	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
567	45	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
568	39	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
569	35	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
570	34	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
571	44	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
572	45	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
573	43	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
574	35	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
575	38	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
576	33	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
577	25	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
578	21	0-25	Calc MCL	7.5YR 3/2			25-120	Calc ZC	5YR 5/3		MOB	Poor							25	25	III	2				2
579	18	0-25	Calc MCL	7.5YR 3/2			25-120	Calc ZC	5YR 5/3		MOB	Poor							25	25	III	2				2
580	19	0-25	Calc MCL	7.5YR 3/2			25-120	Calc ZC	5YR 5/3		MOB	Poor							25	25	III	2				2
581	43	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
582	42	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
583	41	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
584	38	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
585	37	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
586	39	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
587	37	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
588	35	0-25	Calc MCL	7.5YR 3/2			25-120	Calc ZC	5YR 5/3		MOB	Poor							25	25	III	2				2
589	34	0-25	Calc MCL	7.5YR 3/2			25-120	Calc ZC	5YR 5/3		MOB	Poor							25	25	III	2				2
590	35	0-25	Calc MCL	7.5YR 3/2			25-120	Calc ZC	5YR 5/3		MOB	Poor							25	25	III	2				2
591	32	0-25	Calc MCL	7.5YR 3/2			25-120	Calc ZC	5YR 5/3		MOB	Poor							25	25	III	2				2
592	31	0-25	Calc MCL	7.5YR 3/2			25-120	Calc ZC	5YR 5/3		MOB	Poor							25	25	III	2				2
593	30	0-25	Calc MCL	7.5YR 3/2			25-120	Calc ZC	5YR 5/3		MOB	Poor							25	25	III	2				2
594	28	0-25	Calc MCL	7.5YR 3/2			25-120	Calc ZC	5YR 5/3		MOB	Poor							25	25	III	2				2
595	24	0-25	Calc MCL	7.5YR 3/2			25-120	Calc ZC	5YR 5/3		MOB	Poor							25	25	III	2				2
596	20	0-25	Calc MCL	7.5YR 3/2			25-120	Calc ZC	5YR 5/3		MOB	Poor							25	25	III	2				2
597	19	0-25	Calc MCL	7.5YR 3/2			25-120	Calc ZC	5YR 5/3		MOB	Poor							25	25	III	2				2
598	17	0-25	Calc MCL	7.5YR 3/2			25-120	Calc ZC	5YR 5/3		MOB	Poor							25	25	III	2				2
599	15	0-30	HCL	10YR 3/2			30-120	C	10YR 5/3		MOB	Poor							30	30	III	3b				3b
600	12	0-30	HCL	10YR 3/2			30-120	C	10YR 5/3		MOB	Poor							30	30	III	3b				3b
601	37	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
602	36	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
603	36	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
604	37	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
605	35	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
606	35	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
607	34	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
608	32	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
609	31	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							35	35	III	3a				3a
610	28	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							35	35	III	3a				3a
611	27	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							35	35	III	3a				3a
612	26	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							35	35	III	3a				3a
613	26	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							35	35	III	3a				3a
614	23	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							35	35	III	3a				3a
615	23	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							35	35	III	3a				3a
616	23	0-30	HCL	10YR 3/2			30-120	C	10YR 5/3		MOB	Poor							30	30	III	3b				3b
617	21	0-30	HCL	10YR 3/2			30-120	C	10YR 5/3		MOB	Poor							30	30	III	3b				3b
618	20	Non-Agricultural																								
619	17	0-30	Calc mSL	10YR 4/2	38%		30-120	LmS	10YR 5/2	60%		WMAB									I	1	-45	-55	3b	3b
620	14	0-30	Calc mSL	10YR 4/2	38%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-45	-55	3b	3b
621	44	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
622	46	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
623	42	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
624	41	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
625	38	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
626	37	0-25	C	10YR 4/1		FO	25-60	C	2.5Y 6/1		CO	CAB	60-120	C	2.5Y 6/1		CO	Massive	25	25	III	3b				3b
627	38	0-25	C	10YR 4/1		FO	25-120	C	2.5Y 6/1		CO	Poor							25	25	III	3b				3b
628	35	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
629	32	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
630	31	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
631	30	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
632	33	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
633	29	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
634	27	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
635	24	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
636	25	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
637	18	0-30	HCL	10YR 3/2			30-120	C	10YR 5/3		MOB	Poor							30	30	III	3b				3b

Sample No	Altitude	Topsoil Depth	Texture	Colour	Stoniness	Mottles	Subsoil 1 Depth	Texture	Colour	Stoniness	Mottles	Structure	Subsoil 2 Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness	MB Wheat	MB Potato	According to Droughtiness	most limiting factor
638	15	0-30	Calc mSL	10YR 4/2	38%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-45	-55	3b	3b
639	14	0-30	Calc mSL	10YR 4/2	38%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-45	-55	3b	3b
640	14	0-30	Calc mSL	10YR 4/2	38%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-45	-55	3b	3b
641	12	0-30	Calc mSL	10YR 4/2	30%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-41	-51	3b	3b
642	38	0-25	C	10YR 4/1		FO	25-120	C	2.5Y 6/1		CO	Poor							25	25	III	3b				3b
643	36	0-25	C	10YR 4/1		FO	25-120	C	2.5Y 6/1		CO	Poor							25	25	III	3b				3b
644	36	0-25	C	10YR 4/1		FO	25-120	C	2.5Y 6/1		CO	Poor							25	25	III	3b				3b
645	35	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
646	35	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
647	33	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
648	31	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
649	31	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
650	32	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
651	29	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
652	29	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
653	24	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	C Prism							25	25	III	3a				3a
654	22	0-30	HCL	10YR 3/2			30-120	C	10YR 5/3		MOB	Poor							25	25	III	3b				3b
655	21	0-30	Calc mSL	10YR 4/2	38%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-45	-55	3b	3b
656	18	0-30	Calc mSL	10YR 4/2	38%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-45	-55	3b	3b
657	17	0-30	Calc mSL	10YR 4/2	30%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-41	-51	3b	3b
658	15	0-30	Calc mSL	10YR 4/2	30%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-41	-51	3b	3b
659	38	0-25	C	10YR 4/1		FO	25-120	C	2.5Y 6/1		CO	Poor							25	25	III	3b				3b
660	39	0-25	C	10YR 4/1		FO	25-120	C	2.5Y 6/1		CO	Poor							25	25	III	3b				3b
661	41	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
662	36	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
663	34	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
664	34	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
665	34	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
666	36	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	C Prism							25	25	III	3a				3a
667	33	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
668	34	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
669	34	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
670	32	Non-Agricultural																								
671	28	Non-Agricultural																								
672	27	0-30	HCL	10YR 3/2			30-120	C	10YR 5/3		MOB	Poor							30	30	III	3b				3b
673	23	0-30	Calc mSL	10YR 4/2	38%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-45	-55	3b	3b
674	21	0-30	Calc mSL	10YR 4/2	38%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-45	-55	3b	3b
675	17	0-30	Calc mSL	10YR 4/2	30%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-41	-51	3b	3b
676	15	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-39	-49	3b	3b
677	38	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
678	36	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
679	35	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
680	34	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
681	38	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
682	35	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
683	35	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
684	35	0-25	Calc HCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	3a				3a
685	32	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
686	34	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
687	28	0-25	Calc SL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	C Prism							25	25	III	2				2
688	26	0-25	Calc SL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	C Prism							25	25	III	2				2
689	24	0-30	HCL	10YR 3/2			30-120	C	10YR 5/3		MOB	Poor							30	30	III	3b				3b
690	23	0-30	HCL	10YR 3/2			30-120	C	10YR 5/3		MOB	Poor							30	30	III	3b				3b
691	22	0-30	Calc mSL	10YR 4/2	38%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-45	-55	3b	3b
692	21	0-30	Calc mSL	10YR 4/2	38%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-45	-55	3b	3b
693	20	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-39	-49	3b	3b
694	18	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-39	-49	3b	3b
695	17	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-39	-49	3b	3b
696	16	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
697	41	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
698	38	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
699	39	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
700	35	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
701	33	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
702	34	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
703	35	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
704	29	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
705	28	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
706	27	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
707	24	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
708	23	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
709	19	0-25	Calc SL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	C PRISM							25	25	III	2				2
710	18	0-30	HCL	10YR 3/2			30-120	C	10YR 5/3		MOB	Poor							30	30	III	3b				3b
711	15	0-30	HCL	10YR 3/2			30-120	C	10YR 5/3		MOB	Poor							30	30	III	3b				3b
712	14	0-30	Calc mSL	10YR 4/2	38%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-45	-55	3b	3b
713	12	0-30	Calc mSL	10YR 4/2	38%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-45	-55	3b	3b
714	34	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-39	-49	3b	3b

Sample No	Altitude	Topsoil Depth	Texture	Colour	Stoniness	Mottles	Subsoil 1 Depth	Texture	Colour	Stoniness	Mottles	Structure	Subsoil 2 Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness	MB Wheat	MB Potato	According to Droughtiness	most limiting factor
715	33	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-39	-49	3b	3b
716	32	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-39	-49	3b	3b
717	32	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
718	29	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
719	28	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
720	32	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
721	30	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
722	26	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
723	25	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
724	23	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
725	22	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
726	21	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
727	19	0-25	Calc SL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	C PRISM							25	25	III	2				2
728	17	0-30	HCL	10YR 3/2			30-120	C	10YR 5/3		MOB	CAB	90-120	SC	10YR 5/1		MO	C PRISM	30	30	III	3b				3b
729	18	0-30	HCL	10YR 3/2			30-120	C	10YR 5/3		MOB	Poor	90-120	SC	10YR 5/1		MO	Poor	30	30	III	3b				3b
730	16	0-30	Calc mSL	10YR 4/2	38%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-56	-58	4	4
731	14	0-30	Calc mSL	10YR 4/2	38%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-56	-58	4	4
732	12	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-46	-50	3b	3b
733	12	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-46	-50	3b	3b
734	11	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
735	10	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
736	34	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
737	32	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
738	31	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
739	30	Non-Agricultural																								
740	28	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
741	29	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
742	30	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
743	30	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
744	29	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
745	26	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
746	24	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
747	23	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
748	23	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
749	21	0-30	mSL	10YR 3/2	5%		30-60	mSL	2.5Y 5/3	5%	MO	WMAB (v firm)	60-120	mSL	10YR 5/1	5%	MO	WCAB (firm)			I	1	35	-1	1	1
750	19	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-46	-50	3b	3b
751	17	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-46	-50	3b	3b
752	16	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-46	-50	3b	3b
753	13	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-46	-50	3b	3b
754	12	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-46	-50	3b	3b
755	32	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-46	-50	3b	3b
756	34	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
757	32	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
758	32	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
759	30	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
760	31	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
761	26	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
762	27	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
763	25	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
764	24	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
765	16	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
766	14	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
767	13	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
768	12	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
769	12	0-30	mSL	10YR 3/2	5%		30-60	mSL	2.5Y 5/3	5%	MO	Moderate	60-120	mSL	10YR 5/1	5%	MO	Moderate			I	1	35	-1	1	1
770	13	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-46	-50	3b	3b
771	32	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-46	-50	3b	3b
772	31	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-46	-50	3b	3b
773	30	0-30	Calc SCL	10YR 3/2	5%		30-120	Calc StC	7.5YR 5/3	20%	MOB	CAB							30	30	III	2				2
774	30	0-30	Calc SCL	10YR 3/2	5%		30-50	Calc StC	7.5YR 5/3	20%	MOB	Poor	50	IMP					30	30	III	2				2
775	28	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-46	-50	3b	3b
776	29	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
777	28	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
778	27	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
779	25	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
780	17	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
781	15	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
782	14	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
783	13	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
784	15	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
785	30	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
786	30	0-30	mSL	10YR 3/2	5%		30-60	mSL	2.5Y 5/3	5%	MO	Moderate	60-120	mSL	10YR 5/1	5%	MO	Moderate			I	1	35	-1	1	1
787	28	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-46	-50	3b	3b
788	26	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-46	-50	3b	3b
789	25	0-30	Calc SCL	10YR 3/2	5%		30-50	Calc StC	7.5YR 5/3	20%	MOB	Poor	50	IMP					30	30	III	2				2
790	24	0-30	Calc SCL	10YR 3/2	5%		30-50	Calc StC	7.5YR 5/3	20%	MOB	Poor	50	IMP					30	30	III	2				2
791	23	0-30	Calc SCL	10YR 3/2	5%		30-50	Calc StC	7.5YR 5/3	20%	MOB	Poor	50	IMP					30	30	III	2				2

Sample No	Altitude	Topsoil Depth	Texture	Colour	Stoniness	Mottles	Subsoil 1 Depth	Texture	Colour	Stoniness	Mottles	Structure	Subsoil 2 Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness	MB Wheat	MB Potato	According to Droughtiness	most limiting factor
792	25	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
793	29	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
794	27	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
795	28	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
796	29	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
797	30	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
798	26	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
799	27	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
800	33	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
801	28	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-46	-50	3b	3b
802	27	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-46	-50	3b	3b
803	26	0-30	Calc mSL	10YR 4/2	25%		30-70	LmS	10YR 5/2	60%		Moderate	70	IMP							I	1	-46	-50	3b	3b
804	27	0-30	Calc SCL	10YR 3/2	5%		30-50	Calc StC	7.5YR 5/3	20%	MOB	Poor	50	IMP					30	30	III	2				2
805	25	0-30	Calc SCL	10YR 3/2	5%		30-50	Calc StC	7.5YR 5/3	20%	MOB	Poor	50	IMP					30	30	III	2				2
806	33	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
807	33	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
808	29	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
809	32	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
810	32	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
811	31	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
812	30	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
813	30	0-30	Calc MCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	2				2
814	35	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
815	37	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
816	36	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
817	38	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
818	35	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
819	34	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
820	28	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
821	11	0-30	HCL	10YR 4/2			30-60	C	7.5YR 5/3		MOB	Poor	60-120	C	10YR 5/1		CO	Poor	30	30	III	3b				3b
822	12	0-30	HCL	10YR 4/2			30-60	C	7.5YR 5/3		MOB	CAB	60-120	C	10YR 5/1		CO	Massive	30	30	III	3b				3b
823	13	0-30	HCL	10YR 4/2			30-60	C	7.5YR 5/3		MOB	Poor	60-120	C	10YR 5/1		CO	Poor	30	30	III	3b				3b
824	12	0-30	HCL	10YR 4/2			30-60	C	7.5YR 5/3		MOB	Poor	60-120	C	10YR 5/1		CO	Poor	30	30	III	3b				3b
825	12	0-30	HCL	10YR 4/2			30-60	C	7.5YR 5/3		MOB	Poor	60-120	C	10YR 5/1		CO	Poor	30	30	III	3b				3b
826	13	0-30	SCL	10YR 4/2			30-40	Msl	7.5yr 4/3	5%		Moderate	40-50	C	10YR 5/1		MO	Poor			I	1	11	-5	2	2
827	14	0-30	SCL	10YR 4/2			30-40	Msl	7.5yr 4/3	5%		Moderate	40-50	C	10YR 5/1		MO	Poor	40	40	II	2				2
828	16	0-30	HCL	10YR 4/2			30-60	C	7.5YR 5/3		MOB	Poor	60-120	C	10YR 5/1		CO	Poor	30	30	III	3b				3b
829	16	0-30	HCL	10YR 4/2			30-60	C	7.5YR 5/3		MOB	Poor	60-120	C	10YR 5/1		CO	Poor	30	30	III	3b				3b
830	17	0-30	HCL	10YR 4/2			30-60	C	7.5YR 5/3		MOB	Poor	60-120	C	10YR 5/1		CO	Poor	30	30	III	3b				3b
831	18	0-30	HCL	10YR 4/2			30-60	C	7.5YR 5/3		MOB	Poor	60-120	C	10YR 5/1		CO	Poor	30	30	III	3b				3b
832	16	0-30	SCL	7.5YR 4/2			30-120	SC	5YR 5/3		MOG	Poor							30	30	III	3a				3a
833	12	0-30	mSL	10YR 4/2	5%		30-80	mSL	7.5YR 4/3	5%		Moderate	80	IMP							I	1	-6	-4	3a	3a
834	12	0-30	mSL	10YR 4/2	5%		30-80	mSL	7.5YR 4/3	5%		WMAB	80	IMP							I	1	-6	-4	3a	3a
835	13	0-30	HCL	10YR 4/2			30-60	C	7.5YR 5/3		MOB	Poor	60-120	C	10YR 5/1		CO	Poor	30	30	III	3b				3b
836	13	0-30	mSL	10YR 4/2	5%		30-80	mSL	7.5YR 4/3	5%		Moderate	80	IMP							I	1	-6	-4	3a	3a
837	16	0-30	mSL	10YR 4/2	5%		30-80	mSL	7.5YR 4/3	5%		Moderate	80	IMP							I	1	-6	-4	3a	3a
838	12	0-30	mSL	10YR 4/2	5%		30-80	mSL	7.5YR 4/3	5%		WMAB	80	IMP							I	1	-6	-4	3a	3a
839	12	0-30	SCL	7.5YR 4/2			30-120	C	5YR 5/3		MOG	Poor							30	30	III	3a				3a
840	11	0-30	mSL	10YR 4/2	5%		30-80	mSL	7.5YR 4/3	5%		Moderate	80	IMP							I	1	-6	-4	3a	3a
841	12	0-30	mSL	10YR 4/2	5%		30-80	mSL	7.5YR 4/3	5%		Moderate	80	IMP							I	1	-6	-4	3a	3a
842	13	0-30	mSL	10YR 4/2	5%		30-80	mSL	7.5YR 4/3	5%		Moderate	80	IMP							I	1	-6	-4	3a	3a
843	15	0-30	SCL	7.5YR 4/2			30-120	C	5YR 5/3		MOG	Poor							30	30	III	3a				3a
844	16	0-30	mSL	10YR 4/2	5%		30-80	mSL	7.5YR 4/3	5%		Moderate	80	IMP							I	1	-6	-4	3a	3a
845	16	0-30	SCL	7.5YR 4/2			30-120	C	5YR 5/3		MOG	Poor							30	30	III	3a				3a
846	17	0-30	SCL	7.5YR 4/2			30-120	C	5YR 5/3		MOG	Poor							30	30	III	3a				3a
847	17	0-30	mSL	10YR 4/2	5%		30-80	mSL	7.5YR 4/3	5%		Moderate	80	IMP							I	1	-6	-4	3a	3a
848	18	0-30	mSL	10YR 4/2	5%		30-80	mSL	7.5YR 4/3	5%		Moderate	80	IMP							I	1	-6	-4	3a	3a
849	16	0-30	SCL	7.5YR 4/2			30-120	C	5YR 5/3		MOG	Poor							30	30	III	3a				3a
850	15	0-30	mSL	10YR 4/2	5%		30-80	mSL	7.5YR 4/3	5%		Moderate	80	IMP							I	1	-6	-4	3a	3a
851	18	0-30	mSL	10YR 4/2	5%		30-80	mSL	7.5YR 4/3	5%		Moderate	80	IMP							I	1	-6	-4	3a	3a
852	16	0-30	mSL	10YR 4/2	5%		30-80	mSL	7.5YR 4/3	5%		Moderate	80	IMP							I	1	-6	-4	3a	3a
853	15	0-30	mSL	10YR 4/2	5%		30-80	mSL	7.5YR 4/3	5%		Moderate	80	IMP							I	1	-6	-4	3a	3a
854	15	0-30	mSL	10YR 4/2	5%		30-80	mSL	7.5YR 4/3	5%		Moderate	80	IMP							I	1	-6	-4	3a	3a
855	13	0-30	mSL	10YR 4/2	5%		30-80	mSL	7.5YR 4/3	5%		WMAB	80	IMP							I	1	-6	-4	3a	3a
856	12	0-25	HCL	10YR 4/2			25-120	C	10YR 4/1			Poor							25	25	III	3b				3b
857	12	0-25	HCL	10YR 4/2			25-120	C	10YR 4/1			Poor							25	25	III	3b				3b
858	14	0-25	HCL	10YR 4/2			25-120	C	10YR 4/1			Poor							25	25	III	3b				3b
859	15	0-25	HCL	10YR 4/2			25-120	C	10YR 4/1			Poor							25	25	III	3b				3b
860	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
861	13	0-25	Calc C	7.5YR 4/2	<5%		25-120	Calc C	7.5YR 5/3		MO	Poor							25	25	III	3a				3a
862	23	0-25	Calc C	7.5YR 4/2	<5%		25-120	Calc C	7.5YR 5/3		MO	Poor							25	25	III	3a				3a
863	24	0-25	Calc C	7.5YR 4/2	<5%		25-120	Calc C	7.5YR 5/3		MO	Poor							25	25	III	3a				3a
864	25	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
865	12	0-25	HCL	10YR 4/2			25-120	C	10YR 4/1			Poor							25	25	III	3b				3b
866	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
867	23	0-25	Calc C	7.5YR 4/2	<5%		25-120	Calc C	7.5YR 5/3		MO	Poor							25	25	III	3a				3a
868	24	0-25	Calc C	7.5YR 4/2	<5%		25-120	Calc C	7.5YR 5/3		MO	Poor							25	25	III	3a				3a

		Topsoil					Subsoil 1						Subsoil 2						Depth to		Wetness	According to			According to	most limiting
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness	MB Wheat	MB Potato	Droughtiness	factor
869	21	0-25	Calc C	7.5YR 4/2	<5%		25-120	Calc C	7.5YR 5/3		MO	Poor							35	35	III	3a				3a
870	14	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
871	15	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
872	13	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
873	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
874	12	0-25	HCL	10YR 4/2			25-120	C	10YR 4/1			Poor							25	25	III	3b				3b
875	12	0-25	HCL	10YR 4/2			25-120	C	10YR 4/1			Poor							25	25	III	3b				3b
876	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
877	24	0-25	Calc C	7.5YR 4/2	<5%		25-120	Calc C	7.5YR 5/3		MO	Poor							25	25	III	3a				3a
878	23	0-25	Calc C	7.5YR 4/2	<5%		25-120	Calc C	7.5YR 5/3		MO	Poor							25	25	III	3a				3a
879	14	0-25	Calc C	7.5YR 4/2	<5%		25-120	Calc C	7.5YR 5/3		MO	Poor							25	25	III	3a				3a
880	13	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
881	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
882	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
883	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
884	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
885	12	0-25	HCL	10YR 4/2			25-120	C	10YR 4/1			Poor							25	25	III	3b				3b
886	11	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
887	11	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-31	-50	3b	3b
888	10	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-31	-50	3b	3b
889	11	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-31	-50	3b	3b
890	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-31	-50	3b	3b
891	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-31	-50	3b	3b
892	12	0-25	Calc C	7.5YR 4/2	<5%		25-120	Calc C	7.5YR 5/3		MO	C Prism							25	25	III	3a				3a
893	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
894	13	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
895	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
896	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
897	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
898	11	0-25	HCL	10YR 4/2			25-120	C	10YR 4/1			Poor							25	25	III	3b				3b
899	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
900	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-46	-48	3b	3b
901	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-46	-48	3b	3b
902	13	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-46	-48	3b	3b
903	11	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-46	-48	3b	3b
904	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-46	-48	3b	3b
905	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-46	-48	3b	3b
906	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-46	-48	3b	3b
907	9	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		WMAB (firm)	60-120	mS	10YR 4/6	50%		SG (loose)			I	1	-46	-48	3b	3b
908	11	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-46	-48	3b	3b
909	14	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
910	11	0-25	mSL	10YR 3/2	40%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-37	-56	3b	3b
911	11	0-25	HCL	10YR 4/2			25-120	C	10YR 4/1			Poor							25	25	III	3b				3b
912	11	0-25	HCL	10YR 4/2			25-120	C	10YR 4/1			Poor							25	25	III	3b				3b
913	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-27	-45	3b	3b
914	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-27	-45	3b	3b
915	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-27	-45	3b	3b
916	13	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-27	-45	3b	3b
917	13	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-27	-45	3b	3b
918	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-27	-45	3b	3b
919	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-27	-45	3b	3b
920	13	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-27	-45	3b	3b
921	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-31	-50	3b	3b
922	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-31	-50	3b	3b
923	13	0-25	HCL	10YR 4/2			25-60	C	10YR 4/1			Poor	60	IMP					25	25	III	3b				3b
924	11	0-25	mSL	10YR 3/2	40%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-37	-56	3b	3b
925	11	0-25	HCL	10YR 4/2			25-120	C	10YR 4/1			Poor							25	25	III	3b				3b
926	11	0-25	C	10YR 3/1			25-60	C	10YR 4/1			Poor	60	IMP					25	25	III	3b				3b
927	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-31	-50	3b	3b
928	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-31	-50	3b	3b
929	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-31	-50	3b	3b
930	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-31	-50	3b	3b
931	13	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-31	-50	3b	3b
932	13	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-31	-50	3b	3b
933	12	Non-Agricultural																								
934	12	Non-Agricultural																								
935	11	0-35	SCL	10YR 4/2	5%		25-80	Ms	10YR 5/3	40%		moderate	80	IMP							I	1	-37	-37	3b	3b
936	10	0-25	mSL	10YR 3/2	40%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-37	-56	3b	3b
937	10	0-25	HCL	10YR 3/1			25-120	C	10YR 4/1			Poor							25	25	III	3b				3b
938	11	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-31	-50	3b	3b
939	10	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-31	-50	3b	3b
940	11	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-31	-50	3b	3b
941	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-31	-50	3b	3b
942	12	0-25	mSL	10YR 3/2	40%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-37	-56	3b	3b
943	11	0-25	mSL	10YR 3/2	40%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-37	-56	3b	3b
944	11	0-25	mSL	10YR 3/2	40%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-37	-56	3b	3b
945	10	0-25	mSL	10YR 3/2	60%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-37	-56	4	4

		Topsoil					Subsoil 1						Subsoil 2						Depth to		Wetness	According to			According to	most limiting
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness	MB Wheat	MB Potato	Droughtiness	factor
946	12	0-25	mSL	10YR 3/2	40%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-37	-56	3b	3b
947	13	0-25	HCL	10YR 3/1			25-120	C	10YR 4/1			Poor							25	25	III	3b				3b
948	14	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-31	-50	3b	3b
949	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-31	-50	3b	3b
950	12	0-30	mSL	10YR 3/2	30%		30-60	LmS	10YR 4/2	35%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-31	-50	3b	3b
951	13	0-25	mSL	10YR 3/2	40%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-37	-56	3b	3b
952	12	0-25	mSL	10YR 3/2	40%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-37	-56	3b	3b
953	14	0-25	mSL	10YR 3/2	60%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-45	-64	4	4
954	12	0-25	mSL	10YR 3/2	60%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-45	-64	4	4
955	12	0-25	mSL	10YR 3/2	60%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-45	-64	4	4
956	13	0-25	HCL	10YR 3/1			25-120	C	10YR 4/1			Poor							25	25	III	3b				3b
957	12	0-25	HCL	10YR 3/1			25-120	C	10YR 4/1			Poor							25	25	III	3b				3b
958	16	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
959	14	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
960	13	0-25	mSL	10YR 3/2	40%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-37	-56	3b	3b
961	12	0-25	mSL	10YR 3/2	40%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-37	-56	3b	3b
962	12	0-25	mSL	10YR 3/2	60%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-45	-64	4	4
963	12	0-25	mSL	10YR 3/2	60%		25-60	LmS	10YR 6/4	30%		C Platy (firm)	60-120	mS	5yr 4/6	50%		MAB (very firm)	25	25	III	2	-45	-64	4	4
964	11	0-25	mSL	10YR 3/2	60%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-45	-64	4	4
965	11	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
966	14	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
967	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
968	12	0-25	mSL	10YR 3/2	40%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
969	13	0-25	mSL	10YR 3/2	40%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
970	14	0-25	mSL	10YR 3/2	40%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
971	15	0-25	mSL	10YR 3/2	60%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-45	-64	4	4
972	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
973	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
974	12	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
975	11	0-25	mSL	10YR 3/2	20%		25-60	LmS	10YR 6/4	20%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-27	-45	3b	3b
976	10	0-25	mSL	10YR 3/2	40%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-37	-56	3b	3b
977	10	0-25	mSL	10YR 3/2	40%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-37	-56	3b	3b
978	12	0-25	mSL	10YR 3/2	40%		25-60	LmS	10YR 6/4	30%		moderate	60-120	mS	5yr 4/6	50%		moderate			I	1	-37	-56	3b	3b
979	12	0-25	HCL	10YR 4/2	5%		25-50	C	10YR 5/1		CO	Poor	50-120	mS	5yr 4/6	50%	MO	moderate	25	25	III	3b				3b
2361	11	0-30	mSL	10YR 3/2	5%		30-50	LmS	10YR 4/1	5%		moderate	50-120	mS	10YR 5/2	10%	FO	moderate		50	I	1	-15	-31	3b	3a
2362	11	0-30	mSL	10YR 3/2	5%		30-50	LmS	10YR 4/1	5%		moderate	50-120	mS	10YR 5/2	10%	FO	moderate		50	I	1	-15	-31	3b	3a
2363	10	0-30	mSL	10YR 3/2	10%		30-50	LmS	10YR 4/1	10%		moderate	50-120	mS	10YR 5/2	10%	FO	moderate		50	I	1	-18	-34	3b	3b
2364	10	0-30	mSL	10YR 3/2	20%		30-50	LmS	10YR 4/3	20%		moderate	50-120	mS	10YR 4/4	30%		moderate			I	1	-25	-43	3b	3b
2365	10	0-30	mSL	10YR 3/2	10%		30-50	LmS	10YR 4/1	10%		moderate	50-120	mS	10YR 5/2	10%	FO	moderate		50	I	1	-18	-34	3b	3b
2366	9	0-30	mSL	10YR 3/2	10%		30-50	LmS	10YR 4/1	10%		moderate	50-120	mS	10YR 5/2	10%	FO	moderate		50	I	1	-18	-34	3b	3b
2367	10	0-30	mSL	10YR 3/2	20%		30-50	LmS	10YR 3/3	20%		moderate	50-120	mS	10YR 4/4	30%		moderate			I	1	-25	-43	3b	3b
2368	11	0-30	mSL	10YR 3/2	20%		30-50	LmS	10YR 4/3	20%		moderate	50-120	mS	10YR 4/4	30%		moderate			I	1	-25	-43	3b	3b
2369	10	0-25	mSL	10YR 3/2	10%		25-40	mSL	10YR 3/3	10%		C Platy	40-120	LmS	10YR 3/4	15%	CO	Moderate			I	1	7	-27	3a	3a
2370	9	0-25	mSL	10YR 3/2	10%		25-40	mSL	10YR 3/3	10%		C Platy	40-120	LmS	10YR 3/4	15%	CO	Moderate			I	1	7	-27	3a	3a
2371	11	0-30	mSL	10YR 3/2	20%		30-60	LmS	10YR 4/2	20%		moderate	60-120	mS	10YR 4/4	50%		moderate			I	1	-27	-45	3b	3b
2372	10	0-30	mSL	10YR 3/2	20%		30-60	LmS	10YR 3/3	20%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-27	-45	3b	3b
2373	9	0-30	mSL	10YR 3/2	20%		30-60	LmS	10YR 4/2	20%		moderate	60-120	mS	10YR 5/4	50%		moderate			I	1	-27	-45	3b	3b
2374	11	0-30	HCL	10YR 3/2			35-60	C	10YR 5/2		COB	Poor	60-120	C	10YR 5/1		CO	Poor			III	3a				3a
2375	10	0-35	SCL	10YR 3/2	5%		35-120	mS	10YR 3/4	5%		Moderate									I	1	-14	-30	3a	3a
2376	10	0-40	SCL	10YR 3/2	5%		40-120	mS	10YR 3/4	15%		Moderate									I	1	-10	-27	3a	3a
2377	10	0-35	SCL	10YR 3/2	5%		35-120	mS	10YR 3/4	15%		Moderate									I	1	-15	-32	3a	3a
2378	10	0-35	SCL	10YR 3/2	5%		35-120	mS	10YR 3/4	15%		Moderate									I	1	-15	-32	3a	3a
2379	11	0-30	SCL	10YR 3/2			35-50	C	10YR 4/2			CAB	50-120	C	10YR 5/1		CO	Poor			III	3a				3a
2380	10	0-30	SCL	10YR 3/2			35-50	C	10YR 4/2		COB	Poor	50-120	C	10YR 5/1		CO	Poor			III	3a				3a
2381	10	0-35	SCL	10YR 3/2	5%		35-120	mS	10YR 4/4	15%	FO	Moderate									I	1	-15	-32	3a	3a
2382	10	0-35	SCL	10YR 3/2	5%		35-120	mS	10YR 3/4	15%		Moderate									I	1	-15	-32	3a	3a
2383	10	0-40	mSL	10YR 3/3	20%		40-120	mS	10YR 4/4	40%		Moderate									I	1	-21	-41	3b	3b
2384	10	0-45	mSL	10YR 3/3	10%		45-120	mS	10YR 5/6	10%		Moderate									I	1	-8	-24	3a	3a
2385	10	0-45	mSL	10YR 3/3	10%		45-60	mS	10YR 5/2	10%	FO	Moderate	60-120	mS	10YR 5/6	10%	FO	Moderate			I	1	-8	-24	3a	3a
2386	10	0-40	mSL	10YR 3/3	20%		40-120	mS	10YR 3/4	50%	COB	Moderate									I	1	-21	-41	3b	3b
2387	12	0-40	mSL	10YR 3/3	20%		40-120	mS	10YR 4/4	40%		Moderate									I	1	-21	-41	3b	3b
2388	10	0-40	mSL	10YR 3/3	20%		40-120	mS	10YR 4/4	40%		Moderate									I	1	-21	-41	3b	3b
2389	10	0-40	mSL	10YR 3/3	20%		40-120	mS	10YR 4/4	40%		Moderate									I	1	-21	-41	3b	3b
2390	11	0-40	mSL	10YR 3/3	20%		40-120	mS	10YR 4/4	40%		Moderate									I	1	-21	-41	3b	3b
2391	12	0-40	mSL	10YR 3/3	20%		40-120	mS	10YR 3/4	50%		Moderate									I	1	-21	-41	3b	3b
2392	10	0-40	mSL	10YR 3/3	20%		40-120	mS	10YR 3/4	50%		Moderate									I	1	-21	-41	3b	3b
2393	10	0-40	mSL	10YR 3/3	20%		40-120	mS	10YR 4/4	40%		Moderate									I	1	-21	-41	3b	3b
2394	10	0-40	mSL	10YR 3/3	20%		40-120	mS	10YR 4/4	40%		Moderate									I	1	-21	-41	3b	3b
2395	10	0-45	mSL	10YR 3/3	10%		45-120	mS	10YR 5/6	10%	FO	Moderate									I	1	-8	-24	3a	3a
2396	9	0-40	mSL	10YR 3/3	20%		40-120	mS	10YR 4/4	40%		Moderate									I	1	-21	-24	3b	3b
2397	10	0-40	mSL	10YR 3/3	20%		40-120	mS	10YR 4/4	40%		Moderate									I	1	-21	-24	3b	3b
2398	11	0-45	mSL	10YR 3/3	10%		45-120	mS	10YR 5/6	10%		Moderate									I	1	-8	-24	3a	3a
2399	11	0-45	mSL	10YR 3/3	10%		45-120	mS	10YR 5/6	10%		Moderate									I	1	-8	-24	3a	3a
2400	10	0-45	mSL	10YR 3/3	10%		45-120	mS	10YR 5/6	10%		Moderate									I	1	-8	-24	3a	3a
2401	10	0-45	mSL	10YR 3/3	10%		45-120	mS	10YR 5/6	10%		Moderate									I	1	-8	-24	3a	3a
2402	10	0-40	mSL	10YR 3/3	20%		40-120	mS	10YR 3/4	40%		Moderate									I	1	-21	-24	3b	3b
2403	12	0-40	mSL	10YR 3/2	20%		40-120	mS	10YR 3/6	20%		Moderate									I	1	-20	-37	3b	3a

Sample No	Altitude	Topsoil Depth	Texture	Colour	Stoniness	Mottles	Subsoil 1 Depth	Texture	Colour	Stoniness	Mottles	Structure	Subsoil 2 Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness	MB Wheat	MB Potato	According to Droughtiness	most limiting factor
2404	12	0-40	mSL	10YR 3/2	10%		40-120	mS	10YR 3/6	10%		Moderate									I	1	-13	-29	3a	3a
2405	12	0-40	mSL	10YR 3/2	10%		40-120	mS	10YR 4/4	15%	COB	Moderate									I	1	-13	-30	3a	3a
2406	11	0-45	mSL	10YR 3/2	10%		45-120	mS	10YR 4/4	10%		Moderate									I	1	-8	-24	3a	3a
2407	10	0-45	mSL	10YR 3/2	10%		45-120	mS	10YR 4/4	10%		WCSAB									I	1	-8	-24	3a	3a
2408	12	0-40	mSL	10YR 3/2	10%		40-120	mS	10YR 3/6	10%	COB	Moderate									I	1	-13	-29	3a	3a
2409	12	0-40	mSL	10YR 3/2	10%		40-120	mS	10YR 3/6	10%	COB	Moderate									I	1	-13	-29	3a	3a
2410	12	0-40	mSL	10YR 3/2	10%		40-120	mS	10YR 4/4	15%		Moderate									I	1	-13	-30	3a	3a
2411	12	0-45	mSL	10YR 3/2	10%		45-120	mS	10YR 5/4	15%		Moderate									I	1	-8	-25	3a	3a
2586	37	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
2587	36	0-30	Calc HCL	5YR 4/3		FO	30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
2588	35	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/4		COBG	Poor							30	30	III	3a				3a
2589	33	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
2590	30	0-30	Calc HCL	5YR 4/3			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
2591	23	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
2592	21	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
2593	16	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 4/4		MOB	Poor							25	25	III	2				2
2594	21	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
2595	19	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 4/4		MOB	Poor							25	25	III	2				2
2596	16	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
2597	17	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/3		MOB	Poor							25	25	III	2				2
2598	15	0-25	Calc MCL	7.5YR 3/2			25-120	Calc C	5YR 5/4		MOB	Poor							25	25	III	2				2
2599	11	0-30	mSL	10YR 3/2	5%		30-50	LmS	10YR 4/1	5%		moderate	50-120	mS	2.5Y 6/2	10%	FO	moderate		50	I	1	-15	-31	3a	3a
2600	11	0-30	mSL	10YR 3/2	5%		30-50	LmS	2.5YR 4/4	5%		moderate	50-120	mS	2.5Y 6/2	10%	FO	moderate		50	I	1	-15	-31	3a	3a
2601	11	0-30	mSL	10YR 3/2	5%		30-50	LmS	10YR 4/1	5%		moderate	50-120	mS	10YR 5/2	10%	FO	moderate		50	I	1	-15	-31	3a	3a
2602	11	0-30	mSL	10YR 3/2	5%		30-50	LmS	10YR 4/2	5%		moderate	50-120	mS	2.5Y 6/2	10%	FO	moderate		50	I	1	-15	-31	3a	3a
2602a	10	0-30	mSL	10YR 3/2	5%		30-50	LmS	10YR 4/1	5%		moderate	50-120	mS	10YR 5/2	10%	FO	moderate		50	I	1	-15	-31	3a	3a
2603	11	0-30	mSL	10YR 3/2	5%		30-50	LmS	10YR 4/1	5%		moderate	50-120	mS	10YR 5/2	10%	FO	moderate		50	I	1	-15	-31	3a	3a
2604	11	0-30	mSL	10YR 3/2	5%		30-50	LmS	10YR 4/2	5%		moderate	50-120	mS	10YR 5/2	10%	FO	moderate		50	I	1	-15	-31	3a	3a
2605	10	0-30	mSL	10YR 3/2	5%		30-50	LmS	10YR 4/1	5%		moderate	50-120	mS	10YR 5/2	10%	FO	moderate		50	I	1	-15	-31	3a	3a
2606	11	0-30	mSL	10YR 3/2	20%		30-60	LmS	10YR 3/3	20%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-27	-45	3b	3b
2607	12	0-30	mSL	10YR 3/2	20%		30-60	LmS	10YR 3/3	20%		moderate	60-120	mS	10YR 4/6	50%		moderate			I	1	-27	-45	3b	3b
2608	12	0-40	mSL	10YR 3/3	20%		40-120	mS	10YR 3/4	50%		Moderate									I	1	-22	-42	3b	3b
2609	11	0-40	mSL	10YR 3/3	20%		40-120	mS	10YR 3/4	50%		Moderate									I	1	-22	-42	3b	3b
2610	10	0-40	mSL	10YR 3/3	20%		40-120	mS	10YR 3/4	50%		Moderate									I	1	-22	-42	3b	3b
2738	31	0-30	Calc HCL	5YR 4/2			30-120	Calc C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
2739	26	0-30	HCL	5YR 4/2			30-120	C	5YR 5/4		COBG	Poor							30	30	III	3b				3b
2740	23	0-30	HCL	5YR 4/2			30-120	C	5YR 5/4		COBG	Poor							30	30	III	3b				3b
2741	22	0-30	HCL	5YR 4/2			30-120	C	5YR 5/4		COBG	Poor							30	30	III	3b				3b
2742	23	0-30	HCL	5YR 4/2			30-120	C	5YR 5/4		COBG	Poor							30	30	III	3b				3b
2743	21	0-35	MCL	10YR 4/3			35-70	C	10YR 5/3		CO	Poor	70-120	C	10YR 5/1		MO	Poor	35	35	III	3a				3a
2744	20	0-40	MCL	10YR 4/3			40-60	HCL	10YR 5/3		CO	Poor	60	IMP					40	40	III	3a				3a
2745	17	0-25	HCL	10YR 4/3			25-120	C	10YR 5/1		MO	Poor							25	25	III	3b				3b
2746	16	0-25	HCL	10YR 4/3			25-120	C	10YR 5/1		MO	Poor							25	25	III	3b				3b
2747	15	0-25	HCL	10YR 4/3			25-120	C	10YR 5/1		MO	Poor							25	25	III	3b				3b
2748	15	0-25	HCL	10YR 4/3			25-120	C	10YR 5/1		MO	Poor							25	25	III	3b				3b
2749	16	0-30	HCL	10YR 4/2	5%		30-60	C	10YR 5/1	5%	MO	Poor	60-120	C	5YR 4/4		CGB	Poor	30	30	III	3b				3b
2750	17	0-35	Calc HCL	10YR 4/2	5%		35-60	SCL	5YR 5/3		CO	Poor	60-120	C	5YR 4/4		CGB	Poor	35	35	III	3a				3a
2751	23	0-30	Calc HCL	10YR 4/2	5%		30-60	SCL	5YR 5/3		CO	Poor	60-120	C	5YR 4/4		CGB	Poor	30	30	III	3a				3a
2752	25	0-35	Calc HCL	10YR 4/2	5%		35-60	SCL	5YR 5/3		CO	Poor	60-120	C	5YR 4/4		CGB	Poor	35	35	III	3a				3a
2753	19	0-30	mSL	10YR 4/2	5%		40-60	mSL	7.5YR 4/4	10%		Moderate	60	IMP									-25	-17	3b	3b
2754	16	0-40	mSL	10YR 4/2	5%		40-70	mSL	7.5YR 4/4	10%		Moderate	70-120	LmS	7.5YR 5/3	30%		Moderate			I	1	40	-4	3a	3a
2755	14	0-30	mSL	10YR 4/2	5%		40-60	mSL	7.5YR 4/4	10%		Moderate	60	IMP									-25	-17	3b	3b
2756	14	0-30	mSL	10YR 4/2	5%		40-60	mSL	7.5YR 4/4	10%		Moderate	60	IMP									-25	-17	3b	3b
2757	13	0-40	mSL	10YR 4/2	5%		40-70	mSL	7.5YR 4/4	10%		Moderate	70-120	LmS	7.5YR 5/3	30%		Moderate			I	1	40	-4	3a	3a
2758	13	0-40	mSL	10YR 4/2	5%		40-70	mSL	7.5YR 4/4	10%		Moderate	70-120	LmS	7.5YR 5/3	30%		Moderate			I	1	40	-4	3a	3a
2759	29	0-30	Calc HCL	5YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
2760	25	0-30	Calc HCL	5YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
2761	20	0-30	Calc HCL	7.5YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3a				3a
2762	16	0-35	HCL	10YR 4/3			35-120	C	10YR 5/1		MO	Poor							35	35	III	3b				3b
2763	14	0-30	HCL	10YR 4/3			30-120	C	10YR 5/1		MO	Poor							30	30	III	3b				3b
2764	15	0-30	HCL	7.5YR 4/2			30-120	C	5YR 5/3		MO	Poor							30	30	III	3b				3b
2765	14	0-30	HCL	7.5YR 4/2			30-120	C	5YR 5/3		MO	Poor							30	30	III	3b				3b
	22.39																									

Appendix 4c - Auger point assessment

		Topsoil					Subsoil 1						Subsoil 2						Depth to		Wetness	Grade According to
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness
980	56	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/3		MOBG	Poor							30	30	III	3a
981	62	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/4		MOBG	Poor							30	30	III	3a
982	61	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/3		MOBG	Poor							30	30	III	3a
983	60	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/4		MOBG	Poor							30	30	III	3a
984	60	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/4		MOBG	Poor							30	30	III	3a
985	59	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
986	60	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
987	61	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
988	62	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
989	62	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
990	62	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
991	62	0-30	MCL	7.5YR 4/2			30-45	C	7.5YR 5/3		MO	Poor	45-120	C	5YR 5/3		COG	Poor	30	30	III	3a
992	61	0-30	MCL	7.5YR 4/2			30-45	C	7.5YR 5/3		MO	Poor	45-120	C	5YR 5/3		COG	Poor	30	30	III	3a
993	62	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
994	62	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/3		MOBG	Poor							30	30	III	3a
995	62	0-20	MCL	7.5YR 4/2			20-45	C	7.5YR 5/3		MO	Poor	45-120	C	5YR 5/3		COG	Poor	20	20	III	3a
996	62	0-30	MCL	7.5YR 4/2			30-45	C	7.5YR 5/3		MO	Poor	45-120	C	5YR 5/3		COG	Poor	30	30	III	3a
997	43	0-30	SCL	10YR 4/2	5%		30-70	SCL	10YR 5/4			Poor	70-120	SC	10YR 5/1		FOB	Poor	30	30	II	2
998	41	0-30	SCL	10YR 4/2	5%		30-70	SCL	10YR 5/4			Poor	70-120	SC	10YR 5/1		FOB	Poor	30	30	II	2
999	44	0-30	SCL	10YR 4/2	5%		30-70	SCL	10YR 5/4			Poor	70-120	SC	10YR 5/1		FOB	Poor	30	30	II	2
1000	44	0-30	SCL	10YR 4/2	5%		30-70	SCL	10YR 5/4			Poor	70-120	SC	10YR 5/1		FOB	Poor	30	30	II	2
1001	62	0-30	HCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3b
1002	62	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1003	62	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1004	56	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 7/1			Poor	30	30	III	3a
1005	54	0-30	SCL	10YR 4/2	5%		30-70	SCL	10YR 5/4			Poor	70-120	SC	10YR 5/1		FOB	Poor	30	30	II	2
1006	59	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1007	62	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1008	62	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1009	62	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1010	62	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1011	54	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 7/1			Poor	30	30	III	3a
1012	53	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	C Platy	60-120	LmS	10YR 7/1			CAB	30	30	III	3a
1013	52	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1014	53	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1015	55	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1016	57	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1017	59	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1018	61	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1019	66	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
1020	62	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
1021	60	0-30	SCL	10YR 4/2	<5%		30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3a
1022	57	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 7/1			Poor	30	30	III	3a
1023	47	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1024	50	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1025	51	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1026	53	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1027	55	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1028	58	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1029	59	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	C Prism							30	30	III	3b
1030	62	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1031	66	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
1032	65	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
1033	63	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
1034	62	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 7/1			Poor	30	30	III	3a
1035	59	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 7/1			Poor	30	30	III	3a
1036	46	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b

		Topsoil					Subsoil 1						Subsoil 2						Depth to		Wetness	According to
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness
1037	48	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1038	49	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1039	51	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1040	53	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1041	55	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1042	56	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1043	58	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1044	61	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1045	65	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 7/1			Poor	30	30	III	3a
1046	62	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 7/1			Poor	30	30	III	3a
1047	52	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 7/1			Poor	30	30	III	3a
1048	54	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1049	56	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1050	57	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1051	59	0-30	HCL	10YR 4/2			30-120	C	5YR 5/4		COBG	Poor							30	30	III	3b
1052	59	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1053	60	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1054	61	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1055	62	0-30	HCL	10YR 4/2			30-120	C	5YR 5/4		COBG	Poor							30	30	III	3b
1056	64	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1057	65	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1058	66	0-30	HCL	10YR 4/2			30-120	C	10YR 5/1		MO	Poor							30	30	III	3b
1059	64	0-30	HCL	10YR 4/2	5%		30-50	C	10YR 5/3		MO	Moderate	50-120	C	2.5YR 5/3		FOBG	Poor	30	30	III	3b
1060	66	0-30	HCL	10YR 4/2	5%		30-50	C	10YR 5/3		MO	Moderate	50-120	C	2.5YR 5/3		FOBG	Poor	30	30	III	3b
1061	65	0-30	HCL	10YR 4/2			30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
1062	56	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1063	54	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1064	51	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1065	53	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1066	57	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1067	59	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1068	61	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1069	64	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1070	67	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1071	68	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1072	70	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1073	71	0-30	HCL	10YR 4/2			30-120	C	5YR 5/4		COBG	Poor							30	30	III	3b
1074	74	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1075	65	0-30	HCL	10YR 4/2			30-120	C	10YR 5/1		MO	Poor							30	30	III	3b
1076	63	0-30	HCL	10YR 4/2			30-120	C	10YR 5/1		MO	Poor							30	30	III	3b
1077	62	0-30	HCL	10YR 4/2			30-120	C	10YR 5/1		MO	Poor							30	30	III	3b
1078	61	0-30	HCL	10YR 4/2			30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
1079	63	0-30	HCL	10YR 4/2			30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
1080	65	0-30	HCL	10YR 4/2			30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
1081	67	0-30	HCL	10YR 4/2			30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
1082	52	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1083	53	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1084	52	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1085	54	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1086	53	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	C Prism							30	30	III	3b
1087	53	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1088	53	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1089	57	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1090	58	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1091	71	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1092	71	0-30	HCL	10YR 4/2			30-120	C	5YR 5/4		COBG	Poor							30	30	III	3b
1093	72	0-30	HCL	10YR 4/2			30-120	C	5YR 5/4		COBG	Poor							30	30	III	3b
1094	73	0-30	HCL	10YR 4/2			30-120	C	5YR 5/4		COBG	Poor							30	30	III	3b
1095	74	0-30	HCL	10YR 4/2			30-120	C	5YR 5/4		COBG	Poor							30	30	III	3b

		Topsoil					Subsoil 1						Subsoil 2						Depth to		Wetness	According to
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness
1096	74	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1097	75	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1098	67	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1099	66	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1100	67	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1101	65	0-30	HCL	10YR 4/2			30-120	C	2.5YR 4/4		COBG	Poor							30	30	III	3b
1102	67	0-30	HCL	10YR 4/2			30-120	C	2.5YR 4/4		COBG	Poor							30	30	III	3b
1103	66	0-30	HCL	10YR 4/2			30-120	C	2.5YR 4/4		COBG	Poor							30	30	III	3b
1104	68	0-30	HCL	10YR 4/2			30-120	C	2.5YR 4/4		COBG	Poor							30	30	III	3b
1105	52	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1106	50	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1107	49	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1108	49	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1109	48	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1110	49	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1111	50	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1112	51	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1113	54	0-30	HCL	10YR 4/2			30-120	C	2.5YR 4/4		COBG	Poor							30	30	III	3b
1114	72	0-30	HCL	10YR 4/2			30-120	C	2.5YR 4/4		COBG	Poor							30	30	III	3b
1115	72	0-30	HCL	10YR 4/2			30-120	C	2.5YR 4/4		COBG	Poor							30	30	III	3b
1116	73	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1117	74	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1118	74	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1119	71	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1120	71	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1121	68	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1122	68	0-30	HCL	10YR 4/2			30-120	C	5YR 5/4		COBG	Poor							30	30	III	3b
1123	66	0-30	HCL	10YR 4/2			30-120	C	5YR 5/4		COBG	Poor							30	30	III	3b
1124	64	0-30	HCL	10YR 4/2			30-120	C	5YR 5/4		COBG	Poor							30	30	III	3b
1125	65	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1126	67	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1127	65	0-30	HCL	10YR 4/2			30-120	C	5YR 5/4		COBG	Poor							30	30	III	3b
1128	64	0-30	HCL	10YR 4/2			30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
1129	63	0-30	HCL	10YR 4/2			30-50	C	2.5YR 5/3		COBG	CAB	50-120	C	2.5YR 5/3		COBG	C Prism	30	30	III	3b
1130	45	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1131	46	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1132	45	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1133	47	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1134	46	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1135	45	0-30	HCL	10YR 4/2			30-120	C	5YR 5/4		COBG	Poor							30	30	III	3b
1136	53	0-30	HCL	10YR 4/2			30-120	C	5YR 5/4		COBG	Poor							30	30	III	3b
1137	53	0-30	HCL	10YR 4/2			30-120	C	5YR 5/4		COBG	Poor							30	30	III	3b
1138	55	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1139	63	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1140	73	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1141	74	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1142	72	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1143	75	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1144	63	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1145	64	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1146	66	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1147	65	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1148	64	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1149	64	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1150	43	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1151	43	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1152	44	0-30	HCL	10YR 4/2			30-120	C	5YR 5/3		COBG	Poor							30	30	III	3b
1153	46	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1154	47	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b

		Topsoil					Subsoil 1						Subsoil 2						Depth to		Wetness	According to
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness
1155	48	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1156	49	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1157	51	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1158	53	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1159	55	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1160	74	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1161	73	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1162	72	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1163	71	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1164	65	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	C Prism							30	30	III	3b
1165	67	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1166	68	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1167	69	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1168	69	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1169	38	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1170	39	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	C Prism							30	30	III	3b
1171	41	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1172	42	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1173	55	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1174	57	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1175	63	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1176	65	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1177	67	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1178	74	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1179	74	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1180	73	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1181	73	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1182	64	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1183	64	0-30	SCL	10YR 4/2	5%		30-50	SL	10YR 5/3	20%	FO	Moderate	50-120	C	5YR 5/3		COBG	Poor	50	50	II	2
1184	62	0-30	SCL	10YR 4/2	5%		30-50	SL	10YR 5/3	20%	FO	Moderate	50-120	C	5YR 5/3		COBG	Poor	50	50	II	2
1185	36	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1186	59	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1187	57	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1188	55	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1189	53	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1190	52	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1191	51	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1192	50	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1193	50	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1194	64	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1195	63	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1196	61	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1197	70	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1198	66	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1199	63	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1200	65	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1201	68	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1202	70	0-30	HCL	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1203	65	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1204	67	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1205	68	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	C Prism							30	30	III	3b
1206	65	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1207	64	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1208	63	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1209	62	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1210	69	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1211	67	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1212	65	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
1213	64	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b

		Topsoil					Subsoil 1						Subsoil 2						Depth to		Wetness	According to
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness
1214	61	0-30	C	10YR 4/2			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3b
A	44	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/3		MOBG	Poor							30	30	III	3a
B	43	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/4		MOBG								30	30	III	3a
C	41	0-30	MCL	7.5YR 4/2			30-45	C	7.5YR 5/3		MO	Poor	45-120	C	5YR 5/3		COG	Poor	30	30	III	3a
D	39	0-30	MCL	7.5YR 4/2			30-45	C	7.5YR 5/3		MO	Poor	45-120	C	5YR 5/3		COG	Poor	30	30	III	3a
E	46	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG								30	30	III	3a
F	44	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG								30	30	III	3a
G	43	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/3		MOBG								30	30	III	3a
H	42	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG								30	30	III	3a
I	49	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/4		MOBG								30	30	III	3a
J	48	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG								30	30	III	3a
K	47	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG								30	30	III	3a
L	45	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG								30	30	III	3a
M	53	0-30	MCL	7.5YR 4/2			30-45	C	7.5YR 5/3		MO	Poor	45-120	C	5YR 5/3		COG	Poor	30	30	III	3a
N	51	0-30	MCL	7.5YR 4/2			30-45	C	7.5YR 5/3		MO	Poor	45-120	C	5YR 5/3		COG	Poor	30	30	III	3a
O	52	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG								30	30	III	3a
P	51	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/3		MOBG								30	30	III	3a
Q	54	0-30	MCL	7.5YR 4/2			30-45	C	7.5YR 5/3		MO	Poor	45-120	C	5YR 5/3		COG	Poor	30	30	III	3a
R	55	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG								30	30	III	3a
S	57	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/3		MOBG								30	30	III	3a
T	56	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG								30	30	III	3a
U	54	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG								30	30	III	3a
V	53	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG								30	30	III	3a
W	53	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG								30	30	III	3a
X	60	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG								30	30	III	3a
Y	58	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG								30	30	III	3a
Z	57	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG								30	30	III	3a
AA	57	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
AB	55	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
AC	54	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
AD	60	0-30	MCL	7.5YR 4/2			30-45	C	7.5YR 5/3		MO	Poor	45-120	C	5YR 5/3		COG	Poor	30	30	III	3a
AE	60	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
AF	60	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
AG	60	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/4		MOBG	Poor							30	30	III	3a
AH	58	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/3		MOBG	Poor							30	30	III	3a
AI	47	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
AJ	53	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
AK	59	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
AL	58	0-30	SCL	10YR 4/2	10%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 7/1			Poor	30	30	III	3a
AM	56	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 7/1			Poor	30	30	III	3a
AN	47	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 4/4		COBG	Poor							30	30	III	3b
AO	54	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 4/4		COBG	Poor							30	30	III	3b
AP	60	0-30	SCL	10YR 4/2	10%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 7/1			Poor	30	30	III	3a
AQ	59	0-30	SCL	10YR 4/2	10%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 5/1			Poor	30	30	III	3a
AR	60	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 5/1			Poor	30	30	III	3a
AS	57	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 6/1			Poor	30	30	III	3a
AT	49	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
AU	56	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
AV	62	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 6/1			Poor	30	30	III	3a
AW	63	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 6/1			Poor	30	30	III	3a
AX	63	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 5/1			Poor	30	30	III	3a
AY	60	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 7/1			Poor	30	30	III	3a
AZ	61	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
BA	65	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 5/1			Poor	30	30	III	3a
BB	64	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 7/1			Poor	30	30	III	3a
BC	62	0-30	SCL	10YR 4/2	5%		30-60	SCL	10YR 6/2		MO	Poor	60-120	LmS	10YR 6/1			Poor	30	30	III	3a
BD	59	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
BE	65	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 5/4		COBG	Poor							30	30	III	3b
BF	63	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 4/4		COBG	Poor							30	30	III	3b

		Topsoil					Subsoil 1						Subsoil 2						Depth to		Wetness	According to
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness
BG	68	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 4/4		COBG	Poor							30	30	III	3b
BH	68	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 4/4		COBG	Poor							30	30	III	3b
BI	66	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 4/4		COBG	Poor							30	30	III	3b
BJ	66	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 4/4		COBG	Poor							30	30	III	3b
BK	67	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
BL	66	0-30	HCL	10YR 4/2	<5%		30-120	C	2.5YR 5/3		COBG	Poor							30	30	III	3b
2634	58	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/3		MOBG	Poor							30	30	III	3a
2635	57	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/3		MOBG	Poor							30	30	III	3a
2636	60	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/3		MOBG	Poor							30	30	III	3a
2637	60	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/4		MOBG	Poor							30	30	III	3a
2638	59	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/3		MOBG	Poor							30	30	III	3a
2639	56	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/3		MOBG	Poor							30	30	III	3a
2640	32	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
2641	60	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/3		MOBG	Poor							30	30	III	3a
2642	56	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
2643	61	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/3		MOBG	Poor							30	30	III	3a
2759	61	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
2760	61	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
2761	61	0-30	HCL	7.5YR 4/2			30-120	C	5YR 5/4		MOBG	Poor							30	30	III	3a
2762	55	0-30	HCL	7.5YR 4/2			30-120	C	5YR 5/4		MOBG	Poor							30	30	III	3a
2763	60	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
2764	58	0-30	HCL	7.5YR 4/2			30-120	C	5YR 5/4		MOBG	Poor							30	30	III	3a
2765	62	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
2766	56	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/3		MOBG	Poor							30	30	III	3a
2767	50	0-30	MCL	7.5YR 4/2			30-120	C	5YR 4/4		MOBG	Poor							30	30	III	3a
2768	45	0-30	MCL	7.5YR 4/2			30-120	C	5YR 5/3		MOBG	Poor							30	30	III	3a
	59.05																					

Appendix 4d - Auger point assessment

		Topsoil					Subsoil 1						Subsoil 2						Wetness Assesment			Grade	Droughtiness Assessment		Grade	
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Depth to Gley	Wetness Class	According to Wetness	MB Wheat	MB Potato	According to Droughtiness	ALC Grade
1215	12	0-30	SCL	10YR 3/2	10%		30-40	LcS	2.5YR 5/3	10%		Moderate	40-120	ZCL	10YR 5/1		MO	Moderate	40	<40	III	3a	24	-7	2	3a
1216	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1217	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		C Platy	70-120	mS	5YR 4/4	30%		M			I	1	-47	-57	3b	3b
1218	12	0-30	SCL	10YR 3/2	10%		30-40	LcS	2.5YR 5/3	10%		Moderate	40-120	ZCL	10YR 5/1		MO	Moderate	40	<40	III	3a	24	-7	2	3a
1219	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1220	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1221	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1222	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1223	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1224	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1225	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1226	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1227	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1228	12	0-30	SCL	10YR 3/2	10%		30-40	LcS	2.5YR 5/3	10%		Moderate	40-120	ZCL	10YR 5/1		MO	Moderate	40	<40	III	3a	24	-7	2	3a
1229	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1230	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1231	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1232	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1233	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		C Platy	70-120	mS	5YR 4/4	30%		M			I	1	-47	-57	3b	3b
1234	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1235	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1236	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1237	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1238	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1239	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1240	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1241	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1242	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1243	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1244	12	0-30	SCL	10YR 3/2	10%		30-40	LcS	2.5YR 5/3	10%		Moderate	40-120	ZCL	10YR 5/1		MO	Moderate	40	<40	III	3a	24	-7	2	3a
1245	12	0-30	SCL	10YR 3/2	10%		30-40	LcS	2.5YR 5/3	10%		Moderate	40-120	ZCL	10YR 5/1		MO	Moderate	40	<40	III	3a	24	-7	2	3a
1246	12	0-30	SCL	10YR 3/2	10%		30-40	LcS	2.5YR 5/3	10%		Moderate	40-120	ZCL	10YR 5/1		MO	Moderate	40	<40	III	3a	24	-7	2	3a
1247	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1248	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1249	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1250	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1251	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1252	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1253	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1254	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1255	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1256	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1257	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		C Platy	70-120	mS	5YR 4/4	30%		M			I	1	-47	-57	3b	3b
1258	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1259	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1260	15	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		C Platy	70-120	mS	5YR 4/4	30%		M			I	1	-37	-46	3b	3b
1261	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-46	3b	3b
1262	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1263	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1264	13	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1265	15	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1266	15	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1267	14	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1268	14	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1269	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1270	12	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1271	14	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1272	15	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1273	14	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1274	15	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1275	13	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1276	12	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1277	13	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1278	13	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1279	14	0-30	mSL	10YR 3/2	30%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-47	-57	3b	3b
1280	15	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1281	14	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1282	14	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b

		Topsoil					Subsoil 1						Subsoil 2						Wetness Assesment			Grade	Droughtiness Assessment		Grade	
																			Depth to		Wetness	According to			According to	ALC
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness	MB Wheat	MB Potato	Droughtiness	Grade
1283	14	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1284	12	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1285	12	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1286	12	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1287	15	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1288	15	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1289	13	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1290	14	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1291	15	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
1292	14	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1293	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1294	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1295	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1296	21	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	56	26	1	1
1297	19	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	56	26	1	1
1298	15	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	56	26	1	1
1299	15	0-30	Calc HCL	10YR 3/2	5%		30-120	C	10YR 5/1		COB	POOR							35	<40	III	3a				3a
1300	17	0-30	Calc HCL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	III	3a				3a
1301	15	0-30	mSL	10YR 3/2	5%		30-70	LcS	10YR 3/2	5%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-19	-32	3b	3b
1302	15	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1303	14	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1304	15	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1305	13	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1306	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1307	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1308	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1309	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1310	22	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	56	26	1	1
1311	20	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	56	26	1	1
1312	15	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	56	26	1	1
1313	16	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	56	26	1	1
1314	18	0-30	Calc HCL	10YR 3/2			30-120	C	10YR 5/1		COB	POOR							35	<40	III	3a				3a
1315	15	0-30	mSL	10YR 3/2	5%		30-70	LcS	10YR 3/2	5%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-28	-38	3b	3b
1316	15	0-30	mSL	10YR 3/2	5%		30-70	LcS	10YR 3/2	5%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-28	-38	3b	3b
1317	15	0-30	mSL	10YR 3/2	5%		30-70	LcS	10YR 3/2	5%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-28	-38	3b	3b
1318	15	0-30	mSL	10YR 3/2	5%		30-70	LcS	10YR 3/2	5%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-28	-38	3b	3b
1319	13	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-32	-41	3b	3b
1320	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-32	-41	3b	3b
1321	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		C Platy	70-120	mS	5YR 4/4	10%		Moderate			I	1	-32	-41	3b	3b
1322	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-32	-41	3b	3b
1323	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-32	-41	3b	3b
1324	23	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	57	30	1	1
1325	17	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	57	30	1	1
1326	15	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	57	30	1	1
1327	15	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	57	30	1	1
1328	15	0-30	Calc HCL	7.5YR 3/2			30-120	C	5YR 5/3		MOG	Poor							35	<40	III	3a				3a
1329	15	0-30	mSL	10YR 3/2	5%		30-70	LcS	10YR 3/2	5%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-19	-32	3b	3b
1330	15	0-30	mSL	10YR 3/2	5%		30-70	LcS	10YR 3/2	5%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-19	-32	3b	3b
1331	15	0-30	mSL	10YR 3/2	5%		30-70	LcS	10YR 3/2	5%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-19	-32	3b	3b
1332	15	0-30	mSL	10YR 3/2	5%		30-70	LcS	10YR 3/2	5%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-19	-32	3b	3b
1333	14	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1334	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1335	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1336	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1337	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1338	21	0-30	Calc HCL	10YR 3/2			30-120	C	10YR 5/1		COB	Poor							35	<40	III	3a				3a
1339	23	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	56	26	1	1
1340	15	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	56	26	1	1
1341	15	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	56	26	1	1
1342	19	0-30	SL	10YR 3/2	<5%		30-60	SL	10YR 4/2	20%	CO	POOR	60	IMP							I	1	-44	-36	3b	3b
1343	15	0-30	SL	10YR 3/2	<5%		30-60	SL	10YR 4/2	20%	CO	POOR	60	IMP							I	1	-44	-36	3b	3b
1344	15	0-30	mSL	10YR 3/2	5%		30-70	LcS	10YR 3/2	5%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-19	-32	3b	3b
1345	15	0-30	mSL	10YR 3/2	5%		30-70	LcS	10YR 3/2	5%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-19	-32	3b	3b
1346	15	0-30	mSL	10YR 3/2	5%		30-70	LcS	10YR 3/2	5%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-19	-32	3b	3b
1347	15	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1348	15	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1349	13	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1350	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1351	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b

																			Wetness Assesment			Grade	Droughtiness Assessment		Grade	
		Topsoil					Subsoil 1						Subsoil 2						Depth to		Wetness	According to			According to	ALC
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness	MB Wheat	MB Potato	Droughtiness	Grade
1352	15	0-30	Calc HCL	7.5YR 3/2			30-120	C	5YR 5/3		MOG	POOR							35	<40	III	3a				3a
1353	25	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	56	26	1	1
1354	15	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	56	26	1	1
1355	15	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	56	26	1	1
1356	22	0-30	SL	10YR 3/2	<5%		30-60	SL	10YR 4/2	20%	CO	Poor	60	IMP							I	1	-44	-36	3b	3b
1357	20	0-30	SL	10YR 3/2	10%		30-60	SL	10YR 4/2	20%	CO	Poor	60	IMP							I	1	-44	-36	3b	3b
1358	15	0-30	mSL	10YR 3/2	5%		30-70	LcS	10YR 3/2	5%		C Platy	70-120	mS	5YR 4/4	10%		Moderate			I	1	-19	-32	3b	3b
1359	15	0-30	mSL	10YR 3/2	5%		30-70	LcS	10YR 3/2	5%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-19	-32	3b	3b
1360	15	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1361	13	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1362	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b
1363	15	0-30	Calc HCL	7.5YR 3/2			30-120	C	5YR 5/3		MOG	POOR							35	<40	III	3a				3a
1364	22	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	56	26	1	1
1365	23	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	56	26	1	1
1366	20	0-30	SL	10YR 3/2	<5%		30-60	SL	10YR 4/2	20%	CO	Poor	60	IMP							I	1	-44	-36	3b	3b
1367	15	0-30	Calc HCL	7.5YR 3/2			30-120	C	5YR 5/3		MOG	POOR							35	<40	III	3a				3a
1368	18	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	56	26	1	1
1369	18	0-30	ZL	10YR 3/2			30-120	ZCL	7.5YR 5/3		COGB	Moderate								<40	I	1	56	26	1	1
1370	17	0-30	Calc HCL	7.5YR 3/2			30-120	C	5YR 5/3		MOG	POOR							35	<40	III	3a				3a
1371	27	0-30	Calc HCL	7.5YR 3/2			30-120	C	5YR 5/3		MOG	POOR							35	<40	III	3a				3a
1372	23	0-30	ZL	10YR 3/2			30-120	ZCL	10YR 3/2		FO	C PLATY	50-70	ZL	5YR 5/3		COBG	C PLATY	35	40-70	II	2				2
1373	21	0-30	Calc HCL	7.5YR 3/2			30-120	C	5YR 5/3		MOG	POOR							35	<40	III	3a				3a
1374	19	0-30	Calc HCL	7.5YR 3/2			30-120	C	5YR 5/3		MOG	POOR							35	<40	III	3a				3a
1375	32	0-30	Calc C	5YR 4/3			30-120	Calc C	5YR 5/3		MOBG	Poor							35	<40	III	3a				3a
1376	29	0-30	Calc C	5YR 4/3			30-120	Calc C	5YR 5/3		MOBG	Poor							35	<40	III	3a				3a
1377	25	0-30	Calc C	5YR 4/3			30-120	Calc C	5YR 5/3		MOBG	Poor							35	<40	III	3a				3a
1378	22	0-30	Calc C	5YR 4/3			30-120	Calc C	5YR 5/3		MOBG	Poor							35	<40	III	3a				3a
1379	29	0-30	Calc C	5YR 4/3			30-120	Calc C	5YR 5/3		MOBG	Poor							35	<40	III	3a				3a
1380	31	0-30	Calc C	5YR 4/3			30-120	Calc C	5YR 5/3		MOBG	Poor							35	<40	III	3a				3a
1381	27	0-30	Calc C	5YR 4/3			30-120	Calc C	5YR 5/3		MOBG	Poor							35	<40	III	3a				3a
1382	23	0-30	mSL	7.5YR 3/2	5%		30-50	mSL	7.5YR 5/3	5%	CO	Moderate	50-120	mSL	5YR 4/4	10%	MO	Moderate			I	1	-19	-32	3b	3b
1383	17	0-30	mSL	7.5YR 3/2	5%		30-50	mSL	7.5YR 5/3	5%	CO	Moderate	50-120	mSL	5YR 4/4	10%	MO	Moderate			I	1	-19	-32	3b	3b
1384	27	0-30	Calc C	5YR 4/3			30-120	Calc C	5YR 5/3		MOBG	Poor							35	<40	III	3a				3a
1385	23	0-30	mSL	7.5YR 3/2	5%		30-50	mSL	7.5YR 5/3	5%	CO	Moderate	50-120	mSL	5YR 4/4	10%	MO	Moderate			I	1	-19	-32	3b	3b
1386	17	0-30	mSL	7.5YR 3/2	5%		30-50	mSL	7.5YR 5/3	5%	CO	Moderate	50-120	mSL	5YR 4/4	10%	MO	Moderate			I	1	-19	-32	3b	3b
1387	15	0-30	mSL	7.5YR 3/2	5%		30-50	mSL	7.5YR 5/3	5%	CO	Moderate	50-120	mSL	5YR 4/4	10%	MO	Moderate			I	1	-19	-32	3b	3b
1388	15	0-30	mSL	7.5YR 3/2	5%		30-50	mSL	7.5YR 5/3	5%	CO	Moderate	50-120	mSL	5YR 4/4	10%	MO	Moderate			I	1	-19	-32	3b	3b
1389	15	0-30	mSL	7.5YR 3/2	15%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-39	-50	3b	3b
1390	14	0-30	mSL	7.5YR 3/2	15%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-39	-50	3b	3b
1391	12	0-30	mSL	7.5YR 3/2	15%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-39	-50	3b	3b
1392	12	0-30	HCL	10YR 3/2			30-50	C	10YR 5/1		CO	Poor	50-120	C	10YR 4/1		MO	Moderate	35	<40	III	3b				3b
1393	12	0-30	HCL	10YR 3/2			30-50	C	10YR 5/1		CO	Poor	50-120	C	10YR 4/1		MO	Moderate	35	<40	III	3b				3b
1394	25	0-30	mSL	7.5YR 3/2	5%		30-50	mSL	7.5YR 5/3	5%	CO	Moderate	50-120	mSL	5YR 4/4	10%	MO	Moderate			I	1	-19	-32	3b	3b
1395	23	0-30	mSL	7.5YR 3/2	5%		30-50	mSL	7.5YR 5/3	5%	CO	Moderate	50-120	mSL	5YR 4/4	10%	MO	Moderate			I	1	-19	-32	3b	3b
1396	19	0-30	Calc C	7.5YR 3/2	5%		30-60	Calc C	5YR 5/3	5%	COB	CAB	60-120	Calc C	5YR 5/1		MO	WMAB	35	<40	III	3a				3a
1397	15	0-30	mSL	7.5YR 3/2	15%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-39	-49	3b	3b
1398	15	0-30	mSL	7.5YR 3/2	15%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-39	-49	3b	3b
1399	15	0-30	mSL	7.5YR 3/2	15%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-39	-49	3b	3b
1400	13	0-30	mSL	7.5YR 3/2	15%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-39	-49	3b	3b
1401	12	0-30	mSL	7.5YR 3/2	15%		30-70	LcS	7.5YR 5/4	50%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-39	-49	3b	3b
1402	12	0-30	HCL	10YR 3/2			30-50	C	10YR 5/1		CO	Poor	50-120	C	10YR 4/1		MO	Moderate	35	<40	III	3b				3b
1403	17	0-30	mSL	7.5YR 3/2	5%		30-50	mSL	7.5YR 5/3	5%	CO	Moderate	50-120	mSL	5YR 4/4	10%	MO	Moderate			I	1	-19	-32	3b	3b
1404	15	0-30	Calc C	7.5YR 3/2	5%		30-90	Calc C	5YR 5/3	5%	COB	Poor	90-120	Calc C	5YR 5/1		MO	Poor	35	<40	III	3a				3a
1405	14	0-30	HCL	10YR 3/2			30-50	C	10YR 5/1		CO	Poor	50-120	C	10YR 4/1		MO	Moderate	35	<40	III	3b				3b
1406	13	0-30	HCL	10YR 3/2			30-50	C	10YR 5/1		CO	Poor	50-120	C	10YR 4/1		MO	Moderate	35	<40	III	3b				3b
1407	13	0-30	HCL	10YR 3/2			30-50	C	10YR 5/1		CO	Poor	50-120	C	10YR 4/1		MO	Moderate	35	<40	III	3b				3b
2412	10	0-30	C	10YR 4/1			30-70	C	10YR 5/1		MO	Poor	70-120	SC	10YR 5/1	10%	CO	Poor	30	30	III	3b				3b
2413	10	0-30	C	10YR 4/1			30-120	C	10YR 5/1		MO	Poor							30	30	III	3b				3b
2414	10	0-30	C	10YR 4/1		FO	30-50	C	10YR 5/2		MO	Poor	50-60	C	10YR 5/6	20%		Moderate	30	30	III	3b				3b
2415	11	0-35	mSL	10YR 4/2	10%		35-70	LmS	10YR 5/2	15%	MO	Moderate	70-120	LcS	7.5YR 5/1	20%	MOB	Moderate		35	I	1	-16	-30	3a	3a
2416	10	0-30	C	10YR 4/1			30-60	C	10YR 5/1		MO	Poor	60-120	Org C	10YR 2/1			Poor	30	30	III	3b				3b
2417	10	Non-Agricultural																								
2418	10	0-35	mSL	10YR 3/2	10%		35-70	LmS	7.5YR 5/4	15%		Moderate	70-120	LcS	5YR 3/2	20%		Moderate		35	I	1	-16	-30	3a	3a
2419	11	0-40	mSL	10YR 3/2	15%		40-70	LcS	7.5YR 5/4	50%		Moderate	70	IMP							I	1	-48	-39	3b	3b
2420	10	0-30	C	10YR 4/1			30-80	C	10YR 5/1		MO	Poor	80-120	Org C	10YR 2/1			Poor	30	30	III	3b				3b
2421	10	0-35	mSL	10YR 3/2	10%		35-70	SCL	10YR 5/2	20%	CO	Moderate	70-120	LcS	7.5YR 5/1	10%	MOB	Moderate		35	II	1	-1	-15	3a	3a
2422	10	0-35	mSL	10YR 3/2	10%		35-70	SCL	10YR 5/1	20%	CO	Moderate	70-120	LcS	7.5YR 5/1	10%	MOB	Moderate		35	II	1	-1	-15	3a	3a
2423	13	0-30	mSL	10YR 3/2	20%		30-70	LcS	10YR 4/4	20%		Moderate	70-120	mS	10YR 5/1	10%	MO	Moderate		70	I	1	-30	-43	3b	3b
2424	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 4/3	10%		Moderate	70-120	mS	10YR 5/2	10%	MO	Moderate		70	I	1	-22	-36	3b	3b

		Topsoil					Subsoil 1						Subsoil 2						Wetness Assesment			Grade	Droughtiness Assessment		Grade	
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness	MB Wheat	MB Potato	According to Droughtiness	ALC Grade
2425	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 4/3	10%		Moderate	70-120	mS	10YR 5/1	10%	MO	Moderate		70	I	1	-22	-36	3b	3b
2426	11	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 4/4	10%		Moderate	70-120	mS	10YR 5/1	10%	MO	Moderate		70	I	1	-22	-36	3b	3b
2427	11	0-30	C	10YR 4/1			30-60	C	10YR 5/1		MO	Poor	60-120	cS	10YR 5/1	30%	MO	Moderate		30	III	3b				3b
2428	12	0-30	mSL	10YR 3/2	20%		30-70	LcS	10YR 4/3	20%		Moderate	70-120	mS	10YR 5/1	10%	MO	Moderate		70	I	1	-30	-43	3b	3b
2429	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 4/4	10%		Moderate	70-120	mS	10YR 5/1	10%	MO	Moderate		70	I	1	-22	-36	3b	3b
2430	11	0-30	mSL	10YR 3/2	15%		30-70	LcS	10YR 4/4	10%		Moderate	70-120	mS	10YR 5/1	10%	MO	Moderate		70	I	1	-22	-36	3b	3b
2431	11	0-30	C	10YR 4/1			30-80	C	10YR 5/1		MO	Poor	80-120	cS	10YR 5/1	20%	MO	Moderate		30	III	3b				3b
2432	11	0-30	mSL	10YR 3/2	20%		30-70	LcS	10YR 4/3	20%		Moderate	70-120	mS	10YR 5/1	10%	MO	Moderate		70	I	1	-30	-43	3b	3b
2433	11	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 4/3	10%		Moderate	70-120	mS	10YR 5/1	10%	MO	Moderate		70	I	1	-22	-36	3b	3b
2434	11	Non-Agricultural																								
2435	13	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 4/4	10%		Moderate	70-120	mS	10YR 5/1	10%	MO	Moderate		70	I	1	-22	-36	3b	3b
2436	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 4/4	10%		Moderate	70-120	mS	10YR 5/1	10%	MO	Moderate		70	I	1	-22	-36	3b	3b
2437	11	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 4/3	10%		Moderate	70-120	mS	10YR 5/2	10%	MO	Moderate		70	I	1	-22	-36	3b	3b
2438	13	0-30	mSL	10YR 3/2	10%		30-60	LcS	10YR 4/3	10%		Moderate	60-120	mS	10YR 5/1	10%	MO	Moderate		60	I	1	-22	-36	3b	3b
2439	12	0-30	mSL	10YR 3/2	20%		30-70	LcS	10YR 4/3	20%		Moderate	70-120	mS	10YR 5/1	10%	MO	Moderate		70	I	1	-30	-43	3b	3b
2440	12	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 4/3	10%		Moderate	70-120	mS	10YR 5/1	10%	MO	Moderate		70	I	1	-23	-36	3b	3b
2441	12	0-30	mSL	10YR 3/2	5%		30-60	LmS	10YR 3/3	10%		Moderate	60-120	LmS	7.5YR 5/1	10%	MO	Moderate		60	I	1	-14	-30	3a	3a
2442	12	0-30	mSL	10YR 3/2	5%		30-60	LmS	10YR 3/2	10%		Moderate	60-120	LmS	7.5YR 5/2	10%	MO	Moderate		60	I	1	-14	-30	3a	3a
2443	11	0-30	mSL	10YR 3/2	5%		30-60	LmS	10YR 3/2	10%		Moderate	60-120	LmS	7.5YR 5/1	10%	MO	Moderate		60	I	1	-14	-30	3a	3a
2444	13	0-30	mSL	10YR 3/2	5%		30-70	LcS	10YR 3/2	5%	FO	Moderate	70-120	mS	10YR 5/1	10%	FO	Moderate		70	I	1	-19	-32	3b	3b
2445	12	0-30	mSL	10YR 3/2	5%		30-60	LcS	10YR 3/2	10%	FO	Moderate	60-120	mS	10YR 5/1	10%	FO	Moderate		60	I	1	-21	-34	3b	3b
2446	13	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 4/3	10%	FO	Moderate	70-120	mS	10YR 5/2	10%	FO	Moderate		70	I	1	-22	-36	3b	3b
2447	13	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 4/3	10%	FO	Moderate	70-120	mS	10YR 5/2	10%	FO	Moderate		70	I	1	-22	-36	3b	3b
2448	11	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 4/3	10%	FO	Moderate	70-120	mS	10YR 5/2	10%	FO	Moderate		70	I	1	-22	-36	3b	3b
2449	13	0-30	mSL	10YR 3/2	10%		30-60	LcS	10YR 4/3	10%	FO	Moderate	60-120	mS	10YR 5/2	10%	FO	Moderate		70	I	1	-23	-37	3b	3b
2450	41	0-30	C	7.5YR 4/2			30-120	C	5Y 6/2		MO	Poor									III	3b				3b
2451	46	0-30	Calc C	7.5YR 4/2			25-120	C	5YR 4/4		COBG	Poor									III	3a				3a
2452	42	0-30	Calc C	7.5YR 4/2			25-120	C	5YR 4/4		COBG	Poor									III	3a				3a
2453	38	0-30	Calc C	7.5YR 4/2			25-120	C	5YR 4/4		COBG	Poor									III	3a				3a
2454	33	0-30	C	7.5YR 4/2			30-120	C	5Y 6/2		MO	Poor									III	3b				3b
2455	41	0-30	Calc C	7.5YR 4/2			25-120	C	5YR 4/4		COBG	Poor									III	3a				3a
2456	36	0-30	C	7.5YR 4/2			30-120	C	5Y 6/2		MO	Poor									III	3b				3b
2457	30	0-25	SCL	10YR 4/2	5%		5-120	C	10YR 5/1		MO	Poor									III	3a				3a
2458	12	0-40	mSL	10YR 3/2	15%		40-50	mSL	10YR 5/3	50%	CO	C Platy	50-120	mS	10YR 4/4	20%		Moderate		40	I	1	22	-33	3b	3b
2459	12	0-40	mSL	10YR 3/2	15%		40-50	LmS	10YR 5/3	50%	CO	Moderate	50-120	mS	10YR 4/4	20%		Moderate		40	I	1	-25	-36	3b	3b
2460	12	0-35	mSL	10YR 3/2	5%		35-50	mSL	10YR 3/3	70%		MSAB	50-120	mS	10YR 4/4	10%		Moderate			I	1	-15	-28	3a	3b
2461	40	0-30	Calc C	7.5YR 4/2			25-120	C	5YR 4/4		COBG	Poor									III	3a				3a
2462	38	0-30	Calc C	7.5YR 4/2			25-120	C	5YR 4/4		COBG	Poor									III	3a				3a
2463	36	0-30	Calc C	7.5YR 4/2			25-120	C	5YR 4/4		COBG	Poor									III	3a				3a
2464	32	0-30	C	7.5YR 4/2			30-120	C	5Y 6/2		MO	Poor									III	3b				3b
2465	12	0-40	mSL	10YR 4/2	10%		40-120	LmS	7.5YR 4/4	50%		Moderate									I	1	-28	-35	3b	3b
2466	12	0-40	mSL	10YR 3/4	20%		40-120	mSL	7.5YR 4/3	50%		Moderate									I	1	-13	-32	3b	3a
2467	12	0-40	mSL	10YR 3/4	20%		40-120	mSL	7.5YR 4/3	50%		Moderate									I	1	-13	-32	3b	3a
2468	12	0-30	HCL	10YR 3/2			30-50	mSL	10YR 4/2	30%	COB	Moderate	50-120	mS	10YR 4/4	30%		Moderate		30	I	2	-16	-25	3a	3a
2469	12	0-30	HCL	10YR 3/2	5%		30-50	mSL	10YR 4/2	30%	COB	Moderate	50-120	mS	10YR 3/4	30%		Moderate		30	I	2	-18	-28	3a	3b
2470	13	0-35	mSL	10YR 3/2	10%		35-50	mSL	10YR 3/3	50%		Moderate	50-120	mS	10YR 3/4	20%		Moderate			I	1	-22	-34	3b	3b
2471	12	0-35	mSL	10YR 3/2	5%		35-50	mSL	10YR 4/4	70%		Moderate	50-120	mS	10YR 4/4	10%		Moderate			I	1	-21	-34	3b	3b
2472	42	0-25	Calc C	5YR 4/2			25-120	C	2.5YR 4/4		CB	Poor									III	3a				3a
2473	40	0-25	Calc C	5YR 4/2			25-120	C	2.5YR 4/4		CB	Poor									III	3a				3a
2474	38	0-30	Calc C	7.5YR 4/2			25-120	C	5YR 4/4		COBG	Poor									III	3a				3a
2475	36	0-30	Calc C	7.5YR 4/2			25-120	C	5YR 4/4		COBG	Poor									III	3a				3a
2476	33	0-30	C	7.5YR 4/2			30-120	C	5Y 6/2		MO	Poor									III	3b				3b
2477	26	0-25	SCL	10YR 4/2			25-120	SCL	7.5YR 5/2		MO	Poor									III	3a				3a
2478	11	0-40	SCL	10YR 3/2	30%		40-120	LmS	7.5YR 4/3	40%		Moderate									I	1	-36	-45	3b	3b
2479	10	0-40	mSL	10YR 4/2	10%		40-120	LmS	7.5YR 4/4	50%		Moderate									I	1	-28	-35	3b	3b
2480	12	0-30	mSL	7.5YR 3/2	5%		30-70	SCL	7.5YR 4/4	10%		Moderate	70-120	mS	7.5YR 3/3	10%		Moderate			I	1	0	-23	3a	3a
2481	12	0-30	mSL	7.5YR 3/2	5%		30-70	SCL	7.5YR 4/3	10%		Moderate	70-120	mS	7.5YR 4/4	10%		Moderate			I	1	0	-23	3a	3a
2482	12	0-30	mSL	7.5YR 3/2	5%		30-70	SCL	7.5YR 4/4	10%		Moderate	70-120	mS	7.5YR 3/3	10%		Moderate			I	1	0	-23	3a	3a
2483	13	0-40	HCL	10YR 3/2	5%		40-50	SCL	10YR 4/2		COB	Poor	50-120	mS	10YR 4/3	20%	COB	Moderate	40	40	III	3b				3b
2484	12	0-35	HCL	10YR 4/2			35-70	C	10YR 5/3		CO	Poor	70-120	C	2.5Y 5/1		FO	Poor	35	35	III	3b				3b
2485	41	0-25	Calc C	5YR 4/2			25-120	C	2.5YR 4/4		CB	Poor									III	3a				3a
2486	37	0-25	Calc C	5YR 4/2			25-120	C	2.5YR 4/4		CB	Poor									III	3a				3a
2487	35	0-30	C	7.5YR 4/2			30-120	C	5Y 6/2		MO	Poor									III	3b				3b
2488	34	0-30	C	7.5YR 4/2			30-120	C	5Y 6/2		MO	Poor									III	3b				3b
2489	28	0-30	C	7.5YR 4/2			30-120	C	5Y 6/2		MO	Poor									III	3b				3b
2490	22	0-30	C	7.5YR 4/2			30-120	C	5Y 6/2		MO	Poor									III	3b				3b
2491	16	0-25	SCL	10YR 4/2			25-120	SCL	7.5YR 5/2		MO	Poor									III	3a				3a
2492	14	Non-Agricultural																								
2493	12	Non-Agricultural																								

																				Wetness Assesment			Grade	Droughtiness Assessment		Grade	
		Topsoil					Subsoil 1						Subsoil 2							Depth to		Wetness	According to			According to	ALC
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure		SPL	Gley	Class	Wetness	MB Wheat	MB Potato	Droughtiness	Grade
2494	12	0-35	SCL	10YR 3/2	10%		35-70	SCL	10YR 5/3	10%		CAB	70-120	SCL	7.5YR 4/4	20%		Moderate		35	35	III	3a				3a
2495	12	0-35	SCL	10YR 3/2	10%		35-70	SCL	10YR 5/3	10%		Poor	70-120	mSL	7.5YR 4/3	20%		Moderate		35	35	III	3a				3a
2496	12	0-40	mSL	10YR 3/3	10%		40-70	LmS	7.5YR 3/3	10%		Moderate	70-120	mS	7.5YR 4/3	20%		Moderate				I	1	-16	-27	3a	3a
2497	12	0-40	mSL	10YR 3/3	10%		40-70	LmS	7.5YR 3/3	10%		Moderate	70-120	mS	7.5YR 4/3	20%		Moderate				I	1	-16	-27	3a	3a
2498	12	0-40	mSL	10YR 3/3	10%		40-70	LmS	7.5YR 3/3	10%		Moderate	70-120	mS	7.5YR 4/3	20%		Moderate				I	1	-16	-27	3a	3a
2499	13	0-40	mSL	10YR 3/2	5%		40-60	mSL	10YR 3/4	10%	FO	Moderate	60-120	mS	10YR 3/3	10%		Moderate				I	1	-1	-13	3a	3a
2500	12	0-35	mSL	10YR 3/2	5%		35-70	mSL	10YR 3/4	10%	FO	Moderate	70-120	mS	10YR 3/3	10%		Moderate				I	1	3	-7	3a	3a
2501	12	0-40	SCL	10YR 3/2	5%		40-70	mSL	10YR 3/4	10%	FO	MSAB	70-120	LmS	10YR 3/3	10%		Moderate				I	1	9	-6	2	3a
2502	30	0-30	C	7.5YR 4/2			30-120	C	5Y 6/2		MO	Poor										III	3b				3b
2503	24	0-30	Calc C	7.5YR 4/2			25-120	C	5YR 4/4		COBG	Poor										III	3a				3a
2504	17	0-30	Calc C	7.5YR 4/2			25-120	C	5YR 4/4		COBG	Poor										III	3a				3a
2505	15	0-30	C	7.5YR 4/2			30-120	C	5Y 6/2		MO	Poor										III	3b				3b
2506	13	0-25	SCL	10YR 4/2			25-120	SCL	7.5YR 5/2		MO	Poor										III	3a				3a
2507	13	0-25	C	10YR 4/2			25-50	C	10YR 5/2		MO	Poor	50-120	C	10YR 6/1			Poor				III	3b				3b
2508	13	0-35	SCL	10YR 4/2	10%		35-120	LmS	10YR 4/3	30%	CO	Moderate										I	1	-23	-34	3b	3b
2509	12	0-35	mSL	10YR 3/2	15%		35-70	LmS	10YR 3/4	20%	FO	Moderate	70-120	mS	7.5YR 4/4	30%		Moderate				I	1	-27	-34	3b	3b
2510	12	0-40	mSL	10YR 4/2	10%		40-120	LmS	7.5YR 4/4	50%		Moderate										I	1	-28	-35	3b	3b
2511	12	0-35	C	10YR 4/2			35-70	C	10YR 5/3		COB	Poor	70-120	C	10YR 6/1			Poor		35	35	III	3b				3b
2512	12	0-35	C	10YR 4/2			35-70	C	7.5YR 5/3		COB	Poor	70-120	C	10YR 6/1			Poor		35	35	III	3b				3b
2513	12	0-45	SCL	10YR 3/2	10%		45-70	SCL	10YR 5/3	10%		CAB	70-120	mS	7.5YR 4/4	30%		Moderate		45	45	II	2	-4	-8	3a	3a
2514	12	0-35	mSL	10YR 3/2	15%		35-70	LmS	10YR 3/4	20%	FO	Moderate	70-120	mS	7.5YR 4/4	30%		Moderate				I	1	-27	34	3b	3b
2515	12	0-35	mSL	10YR 3/2	15%		35-70	LmS	10YR 3/4	20%	FO	Moderate	70-120	mS	7.5YR 4/4	30%		Moderate				I	1	-27	34	3b	3b
2516	12	0-35	mSL	10YR 3/2	15%		35-70	LmS	10YR 3/4	20%	FO	Moderate	70-120	mS	7.5YR 4/4	30%		Moderate				I	1	-27	34	3b	3b
2517	12	0-35	mSL	10YR 3/2	10%		35-70	LmS	10YR 3/4	20%	FO	Moderate	70-120	mS	7.5YR 4/4	20%		Moderate				I	1	-22	-31	3b	3b
2518	12	0-35	mSL	10YR 3/2	5%		35-70	mSL	10YR 3/4	10%	FO	Moderate	70-120	mS	10YR 3/3	10%		Moderate				I	1	3	-7	3a	3a
2519	12	0-35	mSL	10YR 3/2	5%		35-70	mSL	10YR 3/4	10%	FO	Moderate	70-120	mS	10YR 3/3	10%		Moderate				I	1	3	-7	3a	3a
2520	22	0-30	C	7.5YR 4/2			30-120	C	5Y 6/2		MO	Poor										III	3b				3b
2521	18	0-25	SCL	10YR 4/2			25-120	SCL	7.5YR 5/2		MO	Poor										III	3a				3a
2522	16	0-25	SCL	10YR 4/2			25-120	SCL	7.5YR 5/2		MO	Poor										III	3a				3a
2523	15	0-25	SCL	10YR 4/2	5%		5-120	C	10YR 5/1		MO	Poor										III	3a				3a
2524	14	0-25	SCL	10YR 4/2	5%		5-120	C	10YR 5/1		MO	Poor										III	3a				3a
2525	14	0-25	C	10YR 4/2			25-50	C	10YR 5/2		MO	Poor	50-120	C	10YR 6/1			Poor				III	3b				3b
2526	13	0-40	mSL	10YR 4/2	10%		40-120	LmS	7.5YR 4/4	50%		Moderate										I	1	-28	-35	3b	3b
2527	13	0-40	mSL	10YR 4/2	10%		40-120	LmS	7.5YR 4/4	50%		Moderate										I	1	-28	-35	3b	3b
2528	12	0-35	C	10YR 4/2			35-70	C	7.5YR 5/3		COB	Poor	70-120	C	10YR 5/2			Poor		35	35	III	3b				3b
2529	12	0-30	C	10YR 4/2			30-60	C	10YR 5/3		COB	Poor	60-120	C	10YR 5/2			Poor		35	35	III	3b				3b
2530	12	0-35	mSL	10YR 3/2	15%		35-70	LmS	10YR 3/4	20%	FO	Moderate	70-120	mS	7.5YR 4/4	30%		Moderate				I	1	-27	34	3b	3b
2531	12	0-35	mSL	10YR 3/2	15%		35-70	LmS	10YR 3/4	20%	FO	Moderate	70-120	mS	7.5YR 4/4	30%		Moderate				I	1	-27	34	3b	3b
2532	12	0-35	mSL	10YR 3/2	15%		35-70	LmS	10YR 3/4	20%	FO	Moderate	70-120	mS	7.5YR 4/4	30%		Moderate				I	1	-27	34	3b	3b
2533	12	0-35	mSL	10YR 3/2	20%		35-70	LmS	10YR 3/4	20%	FO	MSAB	70-120	mS	7.5YR 4/3	50%		Moderate				I	1	-34	-37	3b	3b
2534	12	0-35	mSL	10YR 3/2	20%		35-70	LmS	10YR 3/4	20%	FO	Moderate	70-120	mS	7.5YR 4/4	50%		Moderate				I	1	-34	-37	3b	3b
2535	15	0-30	Calc C	7.5YR 4/2			25-120	C	5YR 4/4		COBG	Poor										III	3a				3a
2536	15	0-25	SCL	10YR 4/2			25-120	SCL	7.5YR 5/2		MO	Poor										III	3a				3a
2537	15	0-25	SCL	10YR 4/2			25-120	SCL	7.5YR 5/2		MO	Poor										III	3a				3a
2538	15	0-35	mSL	7.5YR 4/2	10%		35-120	LmS	7.5YR 4/4	30%	COB	Moderate										I	1	-23	-34	3b	3b
2539	12	0-25	C	10YR 4/2			25-70	C	7.5YR 5/3		FOB	Poor	70-120	C	7.5YR 5/1			Poor				III	3b				3b
2540	12	0-25	C	10YR 4/1	5%		25-60	C	10YR 5/2		MO	Poor	60-120	mSL	10YR 6/6	10%		Moderate				III	3b				3b
2541	13	0-40	mSL	10YR 4/2	10%		40-120	LmS	7.5YR 4/4	50%		Moderate										I	1	-28	-35	3b	3b
2542	12	0-35	mSL	10YR 3/2	15%		35-70	LmS	10YR 3/4	20%	FO	Moderate	70-120	mS	7.5YR 4/4	30%		Moderate				I	1	-27	34	3b	3b
2543	12	0-50	mSL	10YR 3/2	15%		50-80	mSL	10YR 4/4	10%		Moderate	80-120	mS	10YR 5/4	10%		Moderate				I	1	4	-11	3a	3a
2544	12	0-35	C	10YR 4/2			35-120	C	7.5YR 5/3		COB	Poor								35	35	III	3b				3b
2545	12	0-35	mSL	10YR 3/2	15%		35-70	LmS	10YR 3/4	20%	FO	Moderate	70-120	mS	7.5YR 4/4	30%		Moderate				I	1	-27	34	3b	3b
2546	12	0-35	mSL	10YR 3/2	20%		35-70	LmS	10YR 3/4	20%	FO	MSAB	70-120	mS	10YR 4/3	50%		Moderate				I	1	-34	-37	3b	3b
2547	12	0-35	mSL	10YR 3/2	15%		35-70	LmS	10YR 3/4	20%	FO	Moderate	70-120	mS	7.5YR 4/4	30%		Moderate				I	1	-27	34	3b	3b
2548	15	0-25	SCL	10YR 4/2			25-120	SCL	7.5YR 5/2		MO	Poor										III	3a				3a
2549	15	0-35	mSL	7.5YR 4/2	10%		35-60	mSL	7.5YR 4/4	30%	CB	Moderate	60-120	LmS	7.5YR 5/4	30%		Moderate				I	1	-9	-24	3a	3a
2550	15	0-35	mSL	7.5YR 4/2	10%		35-120	LmS	7.5YR 4/4	30%	COB	Moderate										I	1	-23	-34	3b	3b
2551	12	0-25	C	10YR 4/2			25-70	C	7.5YR 5/3		FOB	Poor	70-120	C	7.5YR 5/1			Poor				III	3b				3b
2552	12	0-30	SCL	10YR 4/2	5%		30-50	SCL	10YR 5/1	10%	MO	Moderate	50-120	LmS	10YR 5/4	30%	MO	Moderate				II	2	-11	-22	3a	3b
2553	12	0-50	mSL	10YR 3/2	15%		50-80	mSL	10YR 4/4	10%		Moderate	80-120	mS	10YR 5/4	10%		Moderate				I	1	4	-11	3a	3a
2554	12	0-50	mSL	10YR 3/2	15%		50-80	mSL	10YR 4/4	10%		Moderate	80-120	mS	10YR 5/4	10%		Moderate				I	1	4	-11	3a	3a
2555	12	0-50	mSL	10YR 3/2	15%		50-80	LmS	10YR 4/3	10%		Moderate	80-120	mS	10YR 5/4	10%		Moderate				I	1	-9	-22	3a	3a
2556	12	0-40	mSL	10YR 3/2	15%		40-80	LmS	10YR 4/3	10%		Moderate	80-120	mS	10YR 4/3	15%		Moderate				I	1	-17	-28	3a	3a
2557	12	0-40	mSL	10YR 3/2	15%		40-80	LmS	10YR 4/3	10%		Moderate	80-120	mS	10YR 4/3	15%		Moderate				I	1	-17	-28	3a	3a
2558	12	0-50	mSL	10YR 3/2	15%		50-80	LmS	10YR 4/4	10%		Moderate	80-120	mS	10YR 4/4	10%		Moderate				I	1	-9	-22	3a	3a
2559	14	0-35	mSL	7.5YR 4/2	10%		35-60	mSL	7.5YR 4/4	30%	CB	Moderate	60-120	LmS	7.5YR 5/4	30%		Moderate				I	1	-13	-24	3a	3a
2560	13	0-25	C	10YR 4/2			25-70	C	7.5YR 5/3		FOB	Poor	70-120	C	7.5YR 5/1			Poor				III	3b				3b
2561	12	0-25	C	10YR 4/2			25-70	C	7.5YR 5/3		FOB	Poor	70-120	C	7.5YR 5/1			Poor				III	3b				3b
2562	12	0-30	mSL	10YR 4/2	5%		30-50	SCL	10YR 5/2	10%	MO	Poor	50-120	mSL	10YR 5/3	20%		Moderate				III	2	21	-11	3a	3a

		Topsoil					Subsoil 1						Subsoil 2						Wetness Assesment			Grade	Droughtiness Assessment		Grade	
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness	MB Wheat	MB Potato	According to Droughtiness	ALC Grade
2563	12	0-40	mSL	10YR 3/2	15%		40-80	mSL	10YR 4/3	15%		Moderate	80-120	mS	10YR 5/4	15%		Moderate			I	1	3	-4	3a	3a
2564	12	0-40	mSL	10YR 3/2	15%		40-80	mSL	10YR 4/3	15%		Moderate	80-120	mS	10YR 5/4	15%		Moderate			I	1	3	-4	3a	3a
2565	12	0-45	mSL	10YR 3/2	15%		45-70	mSL	10YR 4/3	5%		Moderate	70-120	mS	10YR 5/4	5%		Moderate			I	1	1	-10	3a	3a
2566	13	0-35	mSL	7.5YR 4/2	10%		35-60	mSL	7.5YR 4/4	30%	CB	Moderate	60-120	LmS	7.5YR 5/4	30%		Moderate			I	1	-13	-24	3a	3a
2567	12	0-25	C	10YR 4/2			25-70	C	7.5YR 5/3		FOB	Poor	70-120	C	7.5YR 5/1			Poor			III	3b				3b
2568	12	0-25	C	10YR 4/2			25-120	C	10YR 5/1		CO	Poor									III	3b				3b
2569	12	0-25	C	10YR 4/2			25-120	C	10YR 5/1		CO	Poor									III	3b				3b
2570	13	0-40	mSL	10YR 3/2	15%		40-70	mSL	10YR 4/3	5%		Moderate	70-120	mS	10YR 5/4	5%		Moderate			I	1	5	-10	3a	3a
2571	14	0-45	mSL	10YR 3/2	15%		45-70	mSL	10YR 4/3	5%		Moderate	70-120	mS	10YR 5/4	5%		Moderate			I	1	5	-10	3a	3a
2644	12	0-30	SCL	10YR 4/3	10%		30-50	LmS	10YR 5/2	20%	MOB	Moderate	50-120	mS	10YR 6/1	20%	MO	Moderate			I	1	-27	-39	3b	3b
2645	12	0-30	mSL	10YR 4/3	5%		30-50	mSL	10YR 4/4	15%		Moderate	50-120	LmS	10YR 5/4	50%		Moderate			I	1	-20	-27	3b	3b
2646	12	0-35	HCL	10YR 4/3			35-70	CL	10YR 6/2	5%	MOB	Poor	70-120	LmS	10YR 6/1		MO	Moderate			III	3b				3b
2647	12	0-30	mSL	10YR 4/2	20%		40-120	LmS	7.5YR 4/3	50%		Moderate									I	1	-43	-50	3b	3b
2648	12	0-30	C	10YR 4/2			30-120	C	10YR 5/1		MO	Poor									III	3b				3b
2649	12	0-40	HCL	10YR 4/2	5%		40-50	CL	10YR 6/1	10%	FOB	Poor	50-120	mS	10YR 6/1	20%	MO	Moderate			III	3b				3b
2650	12	0-30	mSL	10YR 4/2	20%		40-120	LmS	7.5YR 4/3	50%		Moderate									I	1	-43	-50	3b	3b
2651	12	0-30	mSL	10YR 4/2	20%		40-120	LmS	7.5YR 4/3	50%		Moderate									I	1	-43	-50	3b	3b
2652	11	0-30	mSL	10YR 4/2	20%		40-120	LmS	7.5YR 4/3	50%		Moderate									I	1	-43	-50	3b	3b
2653	11	0-30	mSL	10YR 4/2	20%		40-120	LmS	7.5YR 4/3	50%		Moderate									I	1	-43	-50	3b	3b
2654	11	0-30	C	10YR 4/2			30-120	C	10YR 5/1		MO	Poor							30	30	III	3b				3b
2655	12	0-30	mSL	10YR 4/3	5%		30-50	mSL	10YR 4/1			Moderate	50-120	SCL	7.5YR 5/3		MO	Moderate		50	I	1	-19	-38	3b	3a
2656	12	0-30	mSL	10YR 4/2	10%		30-80	mSL	7.5YR 4/3	10%		Moderate	80-120	mS	7.5YR 5/4	10%		Moderate			I	1	5	-11	3a	3a
2657	12	0-30	mSL	10YR 4/2	10%		30-80	mSL	7.5YR 4/3	10%		Moderate	80-120	mS	7.5YR 5/4	10%		Moderate			I	1	5	-11	3a	3a
2658	13	0-30	mSL	10YR 4/2	20%		40-120	LmS	7.5YR 4/3	50%		Moderate									I	1	-43	-50	3b	3b
2659	13	0-30	mSL	10YR 4/2	20%		40-120	LmS	7.5YR 4/3	50%		Moderate									I	1	-43	-50	3b	3b
2660	12	0-30	mSL	10YR 4/2	20%		40-120	LmS	7.5YR 4/3	50%		Moderate									I	1	-43	-50	3b	3b
2661	11	0-30	C	10YR 4/2			30-120	C	10YR 5/1		MO	Poor							30	30	III	3b				3b
2662	12	0-30	mSL	10YR 4/2	20%		40-120	LmS	7.5YR 4/3	50%		Moderate									I	1	-43	-50	3b	3b
2663	11	0-30	mSL	10YR 4/2	20%		40-120	LmS	7.5YR 4/3	50%		Moderate									I	1	-43	-50	3b	3b
2664	12	0-30	mSL	10YR 4/2	10%		30-80	mSL	7.5YR 4/3	10%		Moderate	80-120	mS	7.5YR 5/4	10%		Moderate			I	1	5	-11	3a	3a
2665	13	0-30	mSL	10YR 4/2	20%		40-120	LmS	7.5YR 4/3	50%		Moderate									I	1	-43	-50	3b	3b
2666	13	0-30	C	10YR 4/2			30-120	C	10YR 5/1		MO	Poor							30	30	III	3b				3b
2667	12	0-30	mSL	10YR 4/2	20%		40-120	LmS	7.5YR 4/3	50%		Moderate									I	1	-43	-50	3b	3b
2668	13	0-30	mSL	10YR 4/2	20%		40-120	LmS	7.5YR 4/3	50%		Moderate									I	1	-43	-50	3b	3b
2669	12	0-30	mSL	10YR 4/2	20%		40-120	LmS	7.5YR 4/3	50%		Moderate									I	1	-43	-50	3b	3b
2670	13	0-30	mSL	10YR 4/2	20%		40-120	LmS	7.5YR 4/3	50%		Moderate									I	1	-43	-50	3b	3b
2671	13	0-35	mSL	10YR 4/2	10%		35-120	LmS	7.5YR 4/3	20%		Moderate									I	1	-18	-31	3b	3b
2672	12	0-30	mSL	10YR 4/2	20%		40-120	LmS	7.5YR 4/3	50%		Moderate									I	1	-43	-50	3b	3b
2673	12	0-30	mSL	10YR 4/2	20%		40-120	LmS	7.5YR 4/3	50%		Moderate									I	1	-43	-50	3b	3b
2674	12	0-30	mSL	10YR 4/2	20%		40-120	LmS	7.5YR 4/3	50%		Moderate									I	1	-43	-50	3b	3b
2675	13	0-35	mSL	10YR 4/2	10%		35-120	LmS	7.5YR 4/3	20%		Moderate									I	1	-18	-31	3b	3b
2676	12	0-30	HCL	10YR 4/3	2%		30-120	HCL	10YR 5/3		FOB	Poor							30	30	III	3b				3b
2677	11	0-35	mSL	10YR 4/3	10%		35-70	mSL	7.5YR 4/3	10%	FOB	Moderate	70-120	LmS	7.5YR 5/4	10%		Moderate			I	1	5	-10	3a	3a
2678	10	0-30	HCL	10YR 4/3	2%		30-60	HCL	10YR 5/3		FOB	Poor	60	Gravel					30	30	III	3b				3b
2679	11	0-35	mSL	10YR 4/3	10%		35-70	mSL	7.5YR 4/3	10%	FOB	Moderate	70-120	mS	7.5YR 5/4	10%		Moderate			I	1	0	-10	3a	3a
2680	12	0-35	mSL	10YR 4/3	5%		35-70	mSL	7.5YR 5/3	10%		Moderate	70-120	LmS	7.5YR 5/4	10%		Moderate			I	1	7	-7	3a	3a
2681	11	0-35	mSL	10YR 4/3	10%		35-70	mSL	7.5YR 4/3	10%	FOB	Moderate	70-120	LmS	7.5YR 5/4	10%		Moderate			I	1	5	-10	3a	3a
2682	10	0-35	mSL	10YR 4/3	10%		35-70	mSL	7.5YR 4/3	10%	FOB	Moderate	70-120	LmS	7.5YR 5/4	10%		Moderate			I	1	5	-10	3a	3a
2682a	10	0-35	mSL	10YR 4/3	10%		35-70	mSL	7.5YR 4/3	10%	FOB	Moderate	70-120	LmS	7.5YR 5/4	10%		Moderate			I	1	5	-10	3a	3a
2682b	13	0-35	mSL	10YR 4/3	10%		35-70	mSL	7.5YR 4/3	10%	FOB	Moderate	70-120	LmS	7.5YR 5/4	10%		Moderate			I	1	5	-10	3a	3a
2682c	14	0-35	mSL	10YR 4/3	10%		35-70	mSL	7.5YR 4/3	10%	FOB	Moderate	70-120	LmS	7.5YR 5/4	10%		Moderate			I	1	5	-10	3a	3a
2682d	14	0-35	mSL	10YR 4/3	10%		35-70	mSL	7.5YR 4/3	10%	FOB	Moderate	70-120	LmS	7.5YR 5/4	10%		Moderate			I	1	5	-10	3a	3a
2683	14	0-40	mSL	10YR 3/2	15%		40-80	mSL	10YR 4/3	15%		Moderate	80-120	mS	10YR 5/4	15%		Moderate			I	1	3	-4	3a	3a
2684	14	0-40	mSL	10YR 3/2	15%		40-80	mSL	10YR 4/3	15%		Moderate	80-120	mS	10YR 5/4	15%		Moderate			I	1	3	-4	3a	3a
2769	13	0-30	mSL	10YR 3/2	20%		30-70	LcS	7.5YR 5/4	30%		Moderate	70-120	mS	5YR 4/4	30%		Moderate			I	1	-37	-46	3b	3b
2770	13	0-30	mSL	10YR 3/2	10%		30-70	LcS	10YR 3/2	15%		Moderate	70-120	mS	5YR 4/4	10%		Moderate			I	1	-24	-37	3b	3b

Appendix 4e - Auger point assessment

		Topsoil					Subsoil 1						Subsoil 2						Wetness Assesment			Grade
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness
1408	50	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1409	50	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1410	52	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1411	51	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1412	51	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1413	65	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1414	65	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1415	53	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1416	54	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1417	55	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1418	52	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1419	66	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1420	63	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1421	61	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1422	61	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1423	58	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1424	55	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1425	55	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1426	57	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1427	54	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1428	53	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1429	64	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1430	66	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1431	65	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1432	64	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1433	60	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1434	57	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1435	58	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1436	54	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1437	65	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1438	64	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1439	61	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1440	59	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1441	59	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1442	57	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	CAB							25	25	III	3a
1443	57	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1444	70	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1445	68	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1446	72	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1447	64	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1448	61	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1449	58	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1450	59	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1451	59	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1452	59	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1453	59	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1454	59	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1455	74	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1456	72	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1457	70	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1458	65	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1459	64	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1460	61	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1461	60	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1462	59	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1463	59	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1464	59	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a

		Topsoil					Subsoil 1						Subsoil 2						Wetness Assesment			Grade
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness
1465	59	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1466	59	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1467	74	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1468	74	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1469	72	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1470	71	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1471	69	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1472	68	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1473	66	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1474	64	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1475	63	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1476	63	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1477	63	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1478	46	0-25	HCL	10YR 4/2			25-120	C	10YR 5/3		MO	C Prism							25	25	III	3b
1479	47	0-25	HCL	10YR 4/2			25-120	C	10YR 5/3		MO	Poor							25	25	III	3b
1480	45	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1481	44	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1482	75	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1483	75	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1484	73	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1485	71	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1486	69	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1487	68	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1488	67	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1489	66	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1490	66	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/2		CO	Poor							25	25	III	3a
1491	65	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1492	64	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1493	47	0-25	HCL	10YR 4/2			25-120	C	10YR 5/3		MO	Poor							25	25	III	3b
1494	46	0-25	HCL	10YR 4/2			25-120	C	10YR 5/3		MO	Poor							25	25	III	3b
1495	47	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1496	46	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1497	47	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1498	46	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1499	76	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1500	77	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1501	74	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1502	73	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1503	72	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1504	74	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1505	49	0-25	HCL	10YR 4/2			25-120	C	10YR 5/3		MO	Poor							25	25	III	3b
1506	48	0-25	HCL	10YR 4/2			25-120	C	10YR 5/3		MO	Poor							25	25	III	3b
1507	50	0-25	HCL	10YR 4/2			25-120	C	10YR 5/3		MO	Poor							25	25	III	3b
1508	51	0-25	HCL	10YR 4/2			25-120	C	10YR 5/3		MO	Poor							25	25	III	3b
1509	52	0-25	HCL	10YR 4/2			25-120	C	10YR 5/3		MO	Poor							25	25	III	3b
1510	53	0-25	HCL	10YR 4/2			25-120	C	10YR 5/3		MO	Poor							25	25	III	3b
1511	48	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1512	47	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1513	45	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/2		CO	Poor							25	25	III	3a
1514	44	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/2		CO	Poor							25	25	III	3a
1515	44	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1516	45	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	CAB							25	25	III	3a
1517	67	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1518	68	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1519	69	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1520	71	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1521	72	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1522	65	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a

		Topsoil					Subsoil 1						Subsoil 2						Wetness Assesment			Grade
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness
1523	61	0-25	HCL	10YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1524	57	0-25	HCL	10YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1525	54	0-25	HCL	10YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1526	52	0-25	HCL	10YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1527	62	0-25	HCL	10YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1528	61	0-25	MCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3a
1529	59	0-25	MCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3a
1530	58	0-25	MCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3a
1531	56	0-25	MCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3a
1532	54	0-25	MCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3a
1533	52	0-25	MCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3a
1534	49	0-25	HCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3b
1535	47	0-25	MCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3a
1536	68	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1537	69	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1538	72	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1539	75	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1540	70	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1541	65	0-25	MCL	7.5YR 4/2			25-40	CL	7.5YR 5/3		FO	C Platy	40-120	CL	7.5YR 5/3		MO	CAB	25	25	III	3a
1542	62	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1543	57	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1544	55	0-25	HCL	7.5YR 4/2			25-60	CL	7.5YR 5/3		CO	Poor	60-120	C	5YR 5/3		MO	Poor	25	25	III	3b
1545	55	0-25	HCL	7.5YR 4/2			25-60	CL	7.5YR 5/3		CO	Poor	60-120	C	5YR 5/3		MO	Poor	25	25	III	3b
1546	71	0-25	MCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3a
1547	72	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		CO	Poor							25	25	III	3b
1548	73	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/3		CO	Poor							25	25	III	3a
1549	72	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/3		CO	Poor							25	25	III	3a
1550	71	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/4		CO	Poor							25	25	III	3a
1551	66	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/4		CO	Poor							25	25	III	3a
1552	61	0-25	MCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3a
1553	57	0-25	MCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3a
1554	55	0-25	MCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3a
1555	68	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1556	72	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1557	75	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1558	80	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1559	81	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1560	82	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1561	82	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1562	79	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1563	72	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1564	64	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1565	59	0-25	HCL	7.5YR 4/2			25-60	CL	7.5YR 5/3		CO	Poor	60-120	C	5YR 5/3		MO	Poor	25	25	III	3b
1566	71	0-25	MCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3a
1567	72	0-25	HCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3b
1568	72	0-25	MCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3a
1569	71	0-25	MCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3a
1570	67	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/4		CO	Poor							25	25	III	3a
1571	62	0-25	MCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3a
1572	59	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/4		CO	Poor							25	25	III	3a
1573	57	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/4		CO	Poor							25	25	III	3a
1574	55	0-25	MCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3a
1575	55	0-25	MCL	7.5YR 4/2			25-120	C	5YR 4/4		CO	Poor							25	25	III	3a
1576	38	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1577	73	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1578	75	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1579	77	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1580	79	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a

		Topsoil					Subsoil 1						Subsoil 2						Wetness Assesment			Grade
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness
1581	80	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1582	82	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1583	82	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1584	81	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1585	76	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1586	72	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1587	75	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1588	76	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1589	78	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1590	79	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1591	76	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1592	74	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1593	72	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1594	69	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1595	66	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1596	42	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1597	38	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1598	81	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1599	82	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1600	83	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1601	83	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
1602	82	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1603	81	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1604	79	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1605	80	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1606	72	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1606a	72	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1606a	72	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1607	74	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1608	77	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1609	79	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1610	75	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/4		CO	Poor							25	25	III	3a
1611	73	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1612	69	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/4		CO	Poor							25	25	III	3a
1613	63	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/4		CO	Poor							25	25	III	3a
1614	54	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/4		CO	Poor							25	25	III	3a
1615	47	0-25	Calc mSZL	7.5YR 4/2			25-40	CL	7.5YR 5/3			C Platy	40-120	CL	7.5YR 5/3		MO	CAB	25	25	III	2
1616	42	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1617	39	0-25	Org C	10YR 2/1			25-40	Org C	10YR 4/1		MO	CAB	40-50	Peat	10YR 2/1			CAB	25	25	III	3a
1618	38	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1619	85	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1620	84	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1621	83	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1622	81	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1623	80	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1624	79	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1625	76	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1626	73	0-30	mSZL	10YR 4/2			30-60	mSZL	10YR 4/2			Moderate	60-120	CL	7.5YR 5/3			Poor	60	60	II	1
1627	74	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1628	77	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1629	82	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1630	80	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1631	79	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1632	72	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/4		CO	Poor							25	25	III	3a
1633	70	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/4		CO	Poor							25	25	III	3a
1634	65	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3a
1635	57	0-25	Calc mSZL	7.5YR 4/2			25-120	CL	7.5YR 5/3		MO	Poor							25	25	III	2
1636	53	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/4		MO	Poor							25	25	III	3b

																			Wetness Assesment			Grade
Sample No	Altitude	Topsoil Depth	Texture	Colour	Stoniness	Mottles	Subsoil 1 Depth	Texture	Colour	Stoniness	Mottles	Structure	Subsoil 2 Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness
1637	42	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/4		MO	Poor							25	25	III	3b
1638	38	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/4		MO	Poor							25	25	III	3b
1639	39	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/4		MO	Poor							25	25	III	3b
1640	85	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1641	84	0-25	C	10YR 4/2			25-50	C	10YR 5/3		CO	Poor	50-120	C	10YR 5/1		MO	Poor	25	25	III	3b
1642	82	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1643	82	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1644	80	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1645	79	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1646	77	0-25	HCL	7.5YR 4/2			25-120	CL	5YR 5/3		CO	Poor							25	25	III	3b
1647	75	0-25	HCL	7.5YR 4/2			25-120	CL	5YR 5/3		CO	Poor							25	25	III	3b
1648	74	0-25	HCL	7.5YR 4/2			25-120	CL	5YR 5/3		CO	Poor							25	25	III	3b
1649	76	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1650	78	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1651	79	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1652	78	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1653	75	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1654	76	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1655	73	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/4		CO	Poor							25	25	III	3b
1656	69	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/4		CO	Poor							25	25	III	3b
1657	66	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1658	63	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	C Prism							25	25	III	3a
1659	59	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3a
1660	55	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3a
1661	50	0-25	Calc mSZL	7.5YR 4/2			25-120	CL	7.5YR 5/3		MO	Poor							25	25	III	2
1662	42	0-30	Calc MCL	10YR 4/2			30-60	CL	10YR 5/3			Poor	60-120	CL	7.5YR 4/3		CO	Poor	30	30	III	2
1663	38	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1664	38	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1665	85	0-25	C	10YR 4/2			25-50	C	10YR 5/3		CO	Poor	50-120	C	10YR 5/1		MO	Poor	25	25	III	3b
1666	86	0-25	C	10YR 4/2			25-50	C	10YR 5/3		CO	Poor	50-120	C	10YR 5/1		MO	Poor	25	25	III	3b
1667	82	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1668	81	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1669	80	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1670	79	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1671	77	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/4		CO	Poor							25	25	III	3b
1672	80	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		CO	Poor							25	25	III	3b
1673	79	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1674	77	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1675	75	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1676	73	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/3		CO	Poor							25	25	III	3a
1677	73	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/3		CO	Poor							25	25	III	3a
1678	67	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/4		CO	Poor							25	25	III	3a
1679	64	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/4		CO	Poor							25	25	III	3b
1680	62	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/4		CO	Poor							25	25	III	3b
1681	62	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/4		CO	Poor							25	25	III	3b
1682	57	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3a
1683	52	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3a
1684	49	0-25	Calc mSZL	7.5YR 4/2			25-120	CL	7.5YR 5/3		MO	Poor							25	25	III	2
1685	46	0-30	Calc MCL	10YR 4/2			30-60	CL	10YR 5/3			Poor	60-120	CL	7.5YR 4/3		CO	Poor	30	30	III	2
1686	43	0-30	Calc MCL	10YR 4/2			30-60	CL	10YR 5/3			Poor	60-120	CL	7.5YR 4/3		CO	Poor	30	30	III	2
1687	40	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1688	38	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1689	86	0-25	C	10YR 4/2			25-50	C	10YR 5/3		CO	Poor	50-120	C	10YR 5/1		MO	Poor	25	25	III	3b
1690	87	0-25	C	10YR 4/2			25-50	C	10YR 5/3		CO	Poor	50-120	C	10YR 5/1		MO	Poor	25	25	III	3b
1691	84	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1692	82	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1693	81	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1694	83	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b

		Topsoil					Subsoil 1						Subsoil 2						Wetness Assesment			Grade
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness
1695	81	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		CO	Poor							25	25	III	3b
1696	80	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		CO	Poor							25	25	III	3b
1697	76	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		CO	Poor							25	25	III	3b
1698	77	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1699	75	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1700	73	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1701	72	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1701a	73	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1702	74	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1703	74	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1704	62	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3a
1705	57	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3a
1706	53	0-30	Calc MCL	10YR 4/2			30-60	CL	10YR 5/3			Poor	60-120	CL	7.5YR 4/3		CO	Poor	30	30	III	2
1707	49	0-30	Calc MCL	10YR 4/2			30-60	CL	10YR 5/3			Poor	60-120	CL	7.5YR 4/3		CO	Poor	30	30	III	2
1708	43	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1709	42	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1710	38	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1711	89	0-25	C	10YR 4/2			25-50	C	10YR 5/3		CO	Poor	50-120	C	10YR 5/1		MO	Poor	25	25	III	3b
1712	90	0-25	C	10YR 4/2			25-50	C	10YR 5/3		CO	Poor	50-120	C	10YR 5/1		MO	Poor	25	25	III	3b
1713	85	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1714	83	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1715	81	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1716	80	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1717	80	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1718	81	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1719	79	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		CO	Poor							25	25	III	3b
1720	78	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		CO	Poor							25	25	III	3b
1721	75	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1722	74	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1723	73	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1724	72	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1724a	71	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1725	60	0-25	MCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3a
1726	54	0-30	Calc MCL	10YR 4/2			30-60	CL	10YR 5/3			Poor	60-120	CL	7.5YR 4/3		CO	Poor	30	30	III	2
1727	42	0-30	Calc MCL	10YR 4/2			30-60	CL	10YR 5/3			Poor	60-120	CL	7.5YR 4/3		CO	Poor	30	30	III	2
1728	38	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1729	38	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1730	38	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1731	87	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1732	86	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1733	84	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1734	83	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1735	82	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1736	81	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1737	80	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1738	80	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1739	80	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1740	80	NON-AGRICULTURAL																				
1741	81	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1741a	73	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1741b	68	0-25	MCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3a
1742	45	0-30	Calc MCL	10YR 4/2			30-60	CL	10YR 5/3			WCSAB	60-120	CL	7.5YR 4/3		CO	CAB	30	30	III	2
1743	43	0-30	Calc MCL	10YR 4/2			30-60	CL	10YR 5/3			Poor	60-120	CL	7.5YR 4/3		CO	Poor	30	30	III	2
1744	43	0-30	Calc MCL	10YR 4/2			30-60	CL	10YR 5/3			Poor	60-120	CL	7.5YR 4/3		CO	Poor	30	30	III	2
1745	41	0-30	Calc MCL	10YR 4/2			30-60	CL	10YR 5/3			Poor	60-120	CL	7.5YR 4/3		CO	Poor	30	30	III	2
1746	39	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1747	86	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b
1748	85	0-25	HCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3b

		Topsoil					Subsoil 1						Subsoil 2						Wetness Assesment			Grade
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness
1749	83	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1750	82	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1751	81	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1752	80	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1753	80	0-25	C	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1754	80	0-25	C	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1755	79	0-25	C	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1755a	75	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1755b	69	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1756	45	0-30	Calc MCL	10YR 4/2			30-60	CL	10YR 5/3			Poor	60-120	CL	7.5YR 4/3		CO	Poor	30	30	III	2
1757	42	0-30	Calc MCL	10YR 4/2			30-60	CL	10YR 5/3			Poor	60-120	CL	7.5YR 4/3		CO	Poor	30	30	III	2
1758	41	0-30	Calc MCL	10YR 4/2			30-60	CL	10YR 5/3			Poor	60-120	CL	7.5YR 4/3		CO	Poor	30	30	III	2
1759	39	0-30	Calc MCL	10YR 4/2			30-60	CL	10YR 5/3			Poor	60-120	CL	7.5YR 4/3		CO	Poor	30	30	III	2
1760	38	0-30	Calc MCL	10YR 4/2			30-60	CL	10YR 5/3			Poor	60-120	CL	7.5YR 4/3		CO	Poor	30	30	III	2
1761	83	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1762	84	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1763	85	0-25	HCL	7.5YR 4/2			25-120	C	7.5YR 5/3		CO	Poor							25	25	III	3b
1764	84	0-25	C	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1765	83	0-25	C	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1766	82	0-25	C	7.5YR 4/2			25-120	C	5YR 5/4		MO	Poor							25	25	III	3b
1767	80	0-25	C	7.5YR 4/2			25-120	C	5YR 5/4		MO	Poor							25	25	III	3b
1768	79	0-25	C	7.5YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1769	79	0-25	C	7.5YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1770	75	0-25	HCL	7.5YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1771	74	0-25	HCL	7.5YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1772	72	0-25	HCL	7.5YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1773	44	0-30	Calc MCL	10YR 4/2			30-60	CL	10YR 5/3			Poor	60-120	CL	7.5YR 4/3		CO	Poor	30	30	III	2
1774	43	0-30	Calc MCL	10YR 4/2			30-60	CL	10YR 5/3			Poor	60-120	CL	7.5YR 4/3		CO	Poor	30	30	III	2
1775	41	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1776	39	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1777	38	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1778	81	0-25	C	7.5YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1779	80	0-25	C	7.5YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1780	79	0-25	C	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1781	80	0-25	C	7.5YR 4/2			25-120	C	5YR 5/4		MO	Poor							25	25	III	3b
1782	80	0-25	C	7.5YR 4/2			25-120	C	5YR 5/4		MO	Poor							25	25	III	3b
1783	79	0-25	C	7.5YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1784	75	0-25	C	7.5YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1785	74	0-25	C	7.5YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1786	72	0-25	HCL	7.5YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1787	70	0-25	HCL	7.5YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1788	69	0-25	HCL	7.5YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1789	66	0-30	MCL	10YR 4/2			30-120	CL	7.5YR 5/2		FOB	Poor							30	30	III	3a
1790	56	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/2		CO	Poor							30	30	III	2
1791	54	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1792	50	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1793	48	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/2		FOB	Poor							30	30	III	2
1794	43	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1795	42	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1796	79	0-25	C	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1797	80	0-25	C	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1798	81	0-25	C	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1799	81	0-25	C	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1800	80	0-25	C	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1801	78	0-25	C	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1802	75	0-25	C	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1803	73	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1804	71	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b

																			Wetness Assesment			Grade
Sample No	Altitude	Topsoil Depth	Texture	Colour	Stoniness	Mottles	Subsoil 1 Depth	Texture	Colour	Stoniness	Mottles	Structure	Subsoil 2 Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness
1805	69	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1806	60	0-30	MCL	10YR 4/2			30-120	CL	7.5YR 5/2		FOB	Poor							30	30	III	3a
1807	58	0-30	MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	3a
1808	55	0-30	MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	3a
1809	53	0-30	MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	3a
1810	50	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/2		FOB	Poor							30	30	III	2
1811	48	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1812	43	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1813	42	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1814	41	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/2		FOB	Poor							30	30	III	2
1815	81	0-25	C	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1816	80	0-25	C	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1817	80	0-25	Calc C	7.5YR 4/2			25-70	C	5YR 5/3		MO	Poor	70	IMP					25	25	III	3a
1818	79	0-25	C	7.5YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1819	77	0-25	C	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1820	76	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1821	75	0-25	HCL	7.5YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1822	74	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1823	64	0-25	HCL	7.5YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1824	60	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1825	57	0-30	MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	3a
1826	54	0-30	MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	3a
1827	53	0-30	MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	3a
1828	50	0-30	MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	3a
1829	48	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1830	45	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1831	42	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1832	41	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1833	38	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1834	79	0-25	Calc C	7.5YR 4/2			25-70	C	5YR 5/3		MO	Poor	70	IMP					25	25	III	3a
1835	78	0-25	Calc C	7.5YR 4/2			25-70	C	5YR 5/3		MO	Poor	70	IMP					25	25	III	3a
1836	79	0-25	Calc C	7.5YR 4/2			25-70	C	5YR 4/4		MO	Poor	70	IMP					25	25	III	3a
1837	80	0-25	C	7.5YR 4/2			25-70	C	5YR 4/4		MO	Poor	70	IMP					25	25	III	3b
1838	81	0-25	HCL	7.5YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1839	80	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1840	79	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1841	77	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/4		MO	Poor							25	25	III	3b
1842	69	0-25	HCL	7.5YR 4/2			25-120	C	5YR 4/4		MO	Poor							25	25	III	3b
1843	67	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1844	62	0-30	MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	3a
1845	59	0-30	MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	3a
1846	55	0-30	MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	3a
1847	50	0-30	MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	3a
1848	48	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1849	47	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1850	43	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	3a
1851	42	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	3a
1852	41	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1853	39	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1854	39	0-30	Calc MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	2
1855	81	0-25	Calc C	7.5YR 4/2			25-70	C	5YR 5/3		MO	Poor	70	IMP					25	25	III	3a
1856	77	0-25	C	7.5YR 4/2			25-70	C	5YR 5/3		MO	Poor	70	IMP					25	25	III	3b
1857	78	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1858	79	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1859	80	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1860	77	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1861	76	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1862	73	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b

		Topsoil					Subsoil 1						Subsoil 2						Wetness Assesment			Grade
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness
1863	71	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1864	70	0-30	MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	3a
1865	68	0-30	MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	3a
1866	65	0-30	MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	3a
1867	63	0-30	MCL	10YR 4/2			30-120	CL	7.5YR 5/3		FOB	Poor							30	30	III	3a
1868	60	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1869	60	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1870	58	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1871	53	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1872	52	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1873	49	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1874	44	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1875	42	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1876	41	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1877	80	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1878	80	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1879	79	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1880	77	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1881	74	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1882	73	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1883	69	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1884	65	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1885	63	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1886	61	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1887	61	0-25	HCL	7.5YR 4/2			25-50	C	10YR 5/2		MOB	Poor	50-120	C	5YR 5/3		CO	Poor	25	25	III	3b
1888	58	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1889	56	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1890	53	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1891	51	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1892	47	0-25	Calc C	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3a
1893	46	0-25	Calc C	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3a
1894	42	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1895	41	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1896	77	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1897	75	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1898	73	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1899	71	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1900	70	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1901	68	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1902	67	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1903	66	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1904	63	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1905	59	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1906	58	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1907	56	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1908	53	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1909	48	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1910	47	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1911	74	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1912	72	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1913	69	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1914	67	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1915	65	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1916	65	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1917	64	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1918	62	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1919	60	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1920	58	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b

		Topsoil					Subsoil 1						Subsoil 2						Wetness Assesment			Grade
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness
1921	57	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1922	55	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1923	54	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1924	70	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1925	68	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1926	65	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1927	65	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1928	63	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1929	61	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1930	60	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1931	58	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1932	56	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1933	55	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1934	54	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1935	55	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1936	54	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
1937	53	0-25	HCL	7.5YR 4/2			25-120	C	5YR 5/3		MO	Poor							25	25	III	3b
2685	67	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
2686	62	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
2687	57	0-25	HCL	7.5YR 4/2			25-120	CL	5YR 5/3		CO	Poor							25	25	III	3b
2688	63	0-25	HCL	7.5YR 4/2			25-120	CL	5YR 5/3		CO	Poor							25	25	III	3b
2689	66	0-25	HCL	7.5YR 4/2			25-120	CL	5YR 5/3		CO	Poor							25	25	III	3b
2690	69	0-25	HCL	7.5YR 4/2			25-120	CL	5YR 5/4		CO	Poor							25	25	III	3b
2691	67	0-25	HCL	7.5YR 4/2			25-120	CL	5YR 5/3		CO	Poor							25	25	III	3b
2692	68	0-25	HCL	7.5YR 4/2			25-120	CL	5YR 5/4		CO	Poor							25	25	III	3b
2693	70	0-25	HCL	7.5YR 4/2			25-120	CL	5YR 5/3		CO	Poor							25	25	III	3b
2694	76	0-25	HCL	7.5YR 4/2			25-120	CL	5YR 5/3		CO	Poor							25	25	III	3b
2695	76	0-25	HCL	7.5YR 4/2			25-120	CL	5YR 5/3		CO	Poor							25	25	III	3b
2771	69	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a
2772	64	0-25	MCL	7.5YR 4/2			25-120	CL	7.5YR 5/3		CO	Poor							25	25	III	3a

Appendix 4f - Auger point assessment

		Topsoil					Subsoil 1						Subsoil 2						Wetness Assesment			Grade	Droughtiness Assessment		Grade	Grade by
Sample No	altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness	MB Wheat	MB Potato	According to Droughtiness	most limiting factor
1938	70	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1939	71	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1940	70	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1941	69	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1942	67	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1943	64	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1944	61	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1945	73	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1946	71	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1947	70	0-30	Calc HZCL	7.5YR 4/2	<5%		30-50	C	5YR 6/1		MOG	CAB	50-120	C	2.5YR 4/4		MOG	C Prism	30	30	III	3a				3a
1948	69	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1949	69	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1950	69	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1951	67	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1952	66	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1953	67	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1954	65	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1955	64	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1956	62	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1957	62	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1958	64	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1959	65	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1960	63	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1961	60	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1962	59	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1963	59	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1964	59	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1965	68	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1966	66	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1967	64	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1968	63	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 5/3		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1969	61	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1970	68	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1971	66	0-30	Calc HZCL	7.5YR 3/2	<5%		30-50	C	7.5YR 5/3		MOG	CAB	50-120	C	2.5YR 4/4		MOG	C Prism	30	30	III	3a				3a
1972	64	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1973	73	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1974	71	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1975	69	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1976	65	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1977	64	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1978	73	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1979	71	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1980	63	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1981	93	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
1982	69	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 5/3		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1983	94	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
1984	92	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
1985	92	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
1986	91	0-30	MCL	10YR 4/2	<5%		30-60	SL	10YR 5/2	10%	MO	Moderate	60-120	C	5YR 4/4		COG	Poor	30	30	II	2				2
1987	91	0-30	MCL	10YR 4/2	<5%		30-60	SL	10YR 5/2	10%	MO	Moderate	60-120	C	5YR 4/4		COG	Poor	30	30	II	2				2
1988	74	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1989	72	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1990	94	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
1991	93	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
1992	92	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
1993	91	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
1994	89	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
1995	86	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
1996	84	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
1997	82	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1998	81	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
1999	80	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2000	77	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2001	75	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2002	94	0-30	SCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2003	93	0-30	SCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2004	91	0-30	SCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2005	91	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2006	90	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2007	89	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2008	86	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2009	85	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2010	83	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a

																				Wetness Assesment			Grade	Droughtiness Assessment		Grade	Grade by
		Topsoil					Subsoil 1						Subsoil 2						Depth to		Wetness	According to			According to	most limiting
Sample No	altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness	MB Wheat	MB Potato	Droughtiness	factor
2011	80	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2012	77	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2013	74	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2014	93	0-30	SCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2015	92	0-30	SCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2016	91	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2017	90	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2018	88	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2019	86	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2020	81	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2021	78	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2022	76	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2023	75	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 5/3		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2024	94	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2025	91	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	CAB	70-120	C	5YR 4/4		COG	C Prism	30	30	III	3a				3a
2026	86	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2027	85	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2028	81	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2029	78	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2030	75	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2031	74	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2032	76	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2033	75	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2034	92	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2035	90	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2036	87	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2037	83	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2038	81	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2039	79	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2040	77	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2041	74	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2042	72	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2043	71	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2044	91	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2045	90	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2046	88	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2047	85	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2048	62	0-30	MCL	10YR 4/2	<5%		30-70	C	10YR 5/2		MOB	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2049	73	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 5/3		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2050	71	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 5/3		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2051	70	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2052	69	0-30	MCL	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2053	91	0-30	MCL	7.5YR 4/2	<5%		30-120	C	5YR 5/3		COG	Poor							30	30	III	3a				3a
2054	90	0-30	MCL	7.5YR 4/2	<5%		30-120	C	5YR 5/3		COG	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2055	86	0-30	MCL	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor	70-120	C	5YR 4/4		COG	Poor	30	30	III	3a				3a
2056	88	0-30	MCL	10YR 4/2	<5%		30-60	SL	10YR 5/2	10%	MO	Moderate	60-120	C	5YR 4/4		COG	Poor	60	60	II	2				2
2057	86	0-30	MCL	10YR 4/2	<5%		30-60	SL	10YR 5/2	10%	MO	Moderate	60-120	C	5YR 4/4		COG	Poor	60	60	II	2				2
2058	62	0-30	SCL	10YR 4/2	5%		30-120	C	5YR 5/3		COG	Poor							30	30	III	3a				3a
2059	78	0-30	SCL	10YR 4/2	5%		30-120	C	5YR 5/3		COG	Poor							30	30	III	3a				3a
2060	77	0-30	SCL	10YR 4/2	5%		30-120	C	5YR 5/3		COG	Poor							30	30	III	3a				3a
2061	74	0-30	SCL	10YR 4/2	5%		30-120	C	5YR 5/3		COG	Poor							30	30	III	3a				3a
2062	91	0-30	MCL	7.5YR 4/2	<5%		30-120	C	5YR 5/3		COG	Poor							30	30	III	3a				3a
2063	90	0-30	MCL	7.5YR 4/2	<5%		30-120	C	5YR 5/3		COG	Poor							30	30	III	3a				3a
2064	89	0-30	MCL	10YR 4/2	15%		30-50	LmS	10YR 5/2	20%	FO	C Platy	50-120	cS	5YR 5/6		FO	C Platy			I	1	-18.42	-27.83	3a	3a
2065	87	0-30	MCL	10YR 4/2	15%		30-50	LmS	10YR 5/2	20%	FO	Moderate	50-120	cS	5YR 5/4		FO	Moderate			I	1	-18.42	-27.83	3a	3a
2066	85	0-30	MCL	10YR 4/2	15%		30-50	LmS	10YR 5/2	20%	FO	Moderate	50-120	cS	5YR 5/4		FO	Moderate			I	1	-18.42	-27.83	3a	3a
2067	84	0-30	SCL	10YR 4/2	15%		30-50	LmS	10YR 5/2	20%	FO	Moderate	50-120	cS	5YR 5/6		FO	Moderate			I	1	-18.42	-27.83	3a	3a
2068	85	0-30	SCL	10YR 4/2	15%		30-50	LmS	10YR 5/2	20%	FO	Moderate	50-120	cS	5YR 5/6		FO	Moderate			I	1	-18.42	-27.83	3a	3a
2069	83	0-30	SCL	10YR 4/2	15%		30-50	LmS	10YR 5/2	20%	FO	Moderate	50-120	cS	5YR 5/8		FO	Moderate			I	1	-18.42	-27.83	3a	3a
2070	83	0-30	SCL	10YR 4/2	15%		30-50	LmS	10YR 5/2	20%	FO	Moderate	50-120	cS	2.5YR 5/4		FO	Moderate			I	1	-18.42	-27.83	3a	3a
2071	82	0-30	SCL	10YR 4/2	15%		30-50	LmS	10YR 5/2	20%	FO	Moderate	50-120	cS	5YR 5/6		FO	Moderate			I	1	-18.42	-27.83	3a	3a
2072	89	0-30	SCL	10YR 4/2	5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2073	88	0-30	SCL	10YR 4/2	5%		30-120	C	5YR 5/3		COG	Poor							30	30	III	3a				3a
2074	86	0-30	SCL	10YR 4/2	15%		30	IMP													I	1	-18.42	-27.83	3a	3a
2075	86	0-30	SCL	10YR 4/2	15%		30	IMP													I	1	-18.42	-27.83	3a	3a
2076	86	0-30	SCL	10YR 4/2	15%		30	IMP													I	1	-18.42	-27.83	3a	3a
2077	85	0-30	SCL	10YR 4/2	15%		30	IMP													I	1	-18.42	-27.83	3a	3a
2078	86	0-30	SCL	10YR 4/2	15%		30	IMP													I	1	-18.42	-27.83	3a	3a
2079	86	0-30	SCL	10YR 4/2	15%		30	IMP													I	1	-18.42	-27.83	3a	3a
2080	86	0-30	SCL	10YR 4/2	15%		30	IMP													I	1	-18.42	-27.83	3a	3a
2081	88	0-30	SCL	10YR 4/2	15%		30	IMP													I	1	-18.42	-27.83	3a	3a
2082	88	0-30	SCL	10YR 4/2	5%		30-120	C	5YR 5/3		COG	Poor							30	30	III	3a				3a
2083	88	0-30	SCL	10YR 4/2	5%		30-120	C	5YR 5/3		COG	Poor							30	30	III	3a				3a
2084	87	0-30	SCL	10YR 4/2	15%		30	IMP													I	1	-18.42	-27.83	3a	3a

																			Wetness Assesment			Grade	Droughtiness Assessment		Grade	Grade by
Sample No	altitude	Topsoil Depth	Texture	Colour	Stoniness	Mottles	Subsoil 1 Depth	Texture	Colour	Stoniness	Mottles	Structure	Subsoil 2 Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness	MB Wheat	MB Potato	According to Droughtiness	most limiting factor
2085	85	0-30	SCL	10YR 4/2	15%		30	IMP													I	1	-18.42	-27.83	3a	3a
2086	85	0-30	SCL	10YR 4/2	15%		30	IMP													I	1	-18.42	-27.83	3a	3a
2087	86	0-30	SCL	10YR 4/2	15%		30-50	LmS	10YR 5/2	20%	FO	Moderate	50-120	cS	5YR 5/8		FO	Moderate			I	1	-18.42	-27.83	3a	3a
2088	87	0-30	SCL	10YR 4/2	15%		30-50	LmS	10YR 5/2	20%	FO	Moderate	50-120	cS	5YR 5/6		FO	Moderate			I	1	-18.42	-27.83	3a	3a
2089	86	0-30	SCL	10YR 4/2	15%		30-50	LmS	10YR 5/2	20%	FO	Moderate	50-120	cS	5YR 5/4		FO	Moderate			I	1	-18.42	-27.83	3a	3a
2090	87	0-30	SCL	10YR 4/2	15%		30-50	LmS	10YR 5/2	20%	FO	Moderate	50-120	cS	5YR 5/6		FO	Moderate			I	1	-18.42	-27.83	3a	3a
2091	87	0-30	SCL	10YR 4/2	15%		30	IMP													I	1	-18.42	-27.83	3a	3a
2092	85	0-30	SCL	10YR 4/2	15%		30	IMP													I	1	-18.42	-27.83	3a	3a
2093	85	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	3a				3a
2094	83	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	30	III	3a				3a
2095	85	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	3a				3a
2096	84	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	3a				3a
2097	86	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	3a				3a
2098	85	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	3a				3a
2099	84	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	3a				3a
2100	83	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	3a				3a
2101	82	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	2				2
2102	83	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/2		MO	Poor	50	30	III	2				2
2103	83	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	30	III	2				2
2104	83	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	2				2
2105	83	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	2				2
2106	83	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	2				2
2107	83	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	2				2
2108	75	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	3a				3a
2109	76	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	2				2
2110	76	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/4		MO	Poor	50	30	III	2				2
2111	77	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	2				2
2112	73	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	2				2
2113	71	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	2				2
2114	69	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	2				2
2115	69	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/4		MO	Poor	50	30	III	2				2
2116	66	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	2				2
2117	65	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	2				2
2118	75	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2119	73	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2120	71	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2121	69	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	2				2
2122	67	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	2				2
2123	67	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	2				2
2124	66	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	30	III	2				2
2125	65	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	C Prism							30	30	III	3a				3a
2126	63	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2127	61	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2128	58	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2129	46	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2130	44	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2131	72	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2132	70	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2133	69	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2134	70	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	50	III	2				2
2135	71	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	50	III	3a				3a
2136	72	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/4		MO	Poor	50	50	III	3a				3a
2137	69	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	50	III	2				2
2138	68	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 4/4		MO	Poor	50	50	III	2				2
2139	66	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2140	63	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2141	62	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2142	61	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2143	60	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2144	60	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2145	60	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2146	58	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2147	49	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2148	47	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2149	44	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2150	41	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2151	40	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2152	65	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2153	64	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2154	65	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2155	67	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	2				2
2156	69	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	2				2
2157	70	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	3a				3a
2158	68	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	3a				3a

																			Wetness Assesment			Grade	Droughtiness Assessment		Grade	Grade by
Sample No	altitude	Topsoil Depth	Texture	Colour	Stoniness	Mottles	Subsoil 1 Depth	Texture	Colour	Stoniness	Mottles	Structure	Subsoil 2 Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness	MB Wheat	MB Potato	According to Droughtiness	most limiting factor
2159	69	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	3a				3a
2160	68	0-30	Calc MCL	7.5YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	2				2
2161	69	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2162	66	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2163	64	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2164	64	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2165	61	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2166	60	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2167	59	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2168	58	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2169	56	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2170	55	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2171	47	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2172	45	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2173	43	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2174	42	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2175	41	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2176	57	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2177	56	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2178	60	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2179	62	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	2				2
2180	66	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	2				2
2181	69	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	3a				3a
2182	69	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	3a				3a
2183	67	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	3a				3a
2184	65	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2185	65	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2186	66	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2187	64	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2188	63	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2189	62	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2190	61	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2191	58	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2192	56	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2193	53	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2194	49	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2195	47	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2196	45	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2197	51	0-30	Calc HCL	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2198	59	0-30	Calc HCL	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2199	66	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	2				2
2200	69	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	2				2
2201	70	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	3a				3a
2202	69	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	5YR 4/4			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	3a				3a
2203	69	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	5YR 4/4			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	3a				3a
2203a	69	0-30	Calc HCL	10YR 4/2	<5%		30-50	CL	5YR 4/4			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	3a				3a
2204	68	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2205	66	0-30	Calc ZC	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COG	C Prism							30	30	III	3a				3a
2206	63	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2207	63	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2208	61	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2209	59	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2210	57	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2211	55	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2212	53	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2213	51	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2214	65	0-30	Calc HCL	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2215	70	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	30	III	2				2
2216	69	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	30	III	2				2
2217	69	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	30	III	2				2
2218	61	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2219	60	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2220	59	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2221	57	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2222	54	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2223	52	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2224	50	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2225	49	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2226	47	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2227	46	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2228	68	0-30	Calc HCL	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2229	69	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	2				2
2230	69	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/2			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	2				2
2231	69	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	50	III	2				2

																			Wetness Assesment			Grade	Droughtiness Assessment		Grade	Grade by
		Topsoil					Subsoil 1						Subsoil 2						Depth to		Wetness	According to			According to	most limiting
Sample No	altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness	MB Wheat	MB Potato	Droughtiness	factor
2232	59	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2233	57	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2234	55	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2235	52	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2236	50	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 5/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2237	48	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2238	46	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 5/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2239	45	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2240	43	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2241	63	0-30	Calc HCL	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2242	68	0-30	Calc HCL	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2243	69	0-30	Calc HCL	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2244	69	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	30	III	2				2
2245	69	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/2			Moderate	50-120	C	5YR 5/3		MO	Poor	50	30	III	2				2
2246	70	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	30	III	2				2
2247	57	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2248	55	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2249	54	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 5/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2250	52	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2251	49	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2252	47	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 5/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2253	44	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2254	43	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 5/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2255	42	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2256	63	0-30	Calc HCL	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	C Prism							30	30	III	3a				3a
2257	65	0-30	Calc HCL	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2258	68	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	30	III	2				2
2259	69	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	30	III	2				2
2260	69	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	30	III	2				2
2261	53	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2262	51	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2263	49	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 5/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2264	47	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 5/4		MOG	Poor	30	30	III	3a				3a
2265	48	0-30	Calc HZCL	10YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2266	62	0-30	Calc HCL	7.5YR 4/2	<5%		30-120	C	5YR 5/4		MO	Poor							30	30	III	3a				3a
2267	63	0-30	Calc HCL	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2268	64	0-30	Calc HCL	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2269	62	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	30	III	2				2
2270	61	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	30	III	2				2
2271	57	0-30	Calc HCL	7.5YR 4/2	<5%		30-120	C	5YR 4/4		MO	Poor							30	30	III	3a				3a
2271	57	0-30	Calc HCL	7.5YR 4/2	<5%		30-120	C	5YR 5/3		MO	Poor							30	30	III	3a				3a
2272	62	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	30	III	2				2
2273	62	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	30	III	2				2
2274	55	0-30	Calc HCL	7.5YR 4/2	<5%		30-120	C	5YR 5/3		MO	Poor							30	30	III	3a				3a
2275	57	0-30	Calc HCL	7.5YR 4/2	<5%		30-120	C	5YR 5/3		MO	Poor							30	30	III	3a				3a
2276	59	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/1			Moderate	50-120	C	5YR 5/3		MO	Poor	50	30	III	2				2
2277	61	0-30	Calc HCL	7.5YR 4/2	<5%		30-60	C	7.5YR 5/2		MOB	CAB	60-120	C	7.5YR 5/3		MO	C Prism	30	30	III	3a				3a
2278	62	0-30	Calc HCL	7.5YR 4/2	<5%		30-60	C	7.5YR 5/1		MOB	Poor	60-120	C	7.5YR 5/3		MO	Poor	30	30	III	3a				3a
2279	61	0-30	Calc HCL	7.5YR 4/2	<5%		30-60	C	7.5YR 5/1		MOB	Poor	60-120	C	7.5YR 5/2		MO	Poor	30	30	III	3a				3a
2280	61	0-30	Calc HCL	7.5YR 4/2	<5%		30-60	C	7.5YR 5/2		MOB	Poor	60-120	C	7.5YR 5/3		MO	Poor	30	30	III	3a				3a
2281	56	0-30	Calc MCL	10YR 4/2	<5%		30-50	CL	7.5YR 5/2			Moderate	50-120	C	5YR 5/3		MO	Poor	50	30	III	2				2
2282	57	0-30	Calc HCL	7.5YR 4/2	<5%		30-60	C	7.5YR 5/1		MOB	Poor	60-120	C	7.5YR 5/2		MO	Poor	V	30	III	3a				3a
2283	59	0-30	Calc HCL	7.5YR 4/2	<5%		30-60	C	7.5YR 5/1		MOB	Poor	60-120	C	7.5YR 5/1		MO	Poor	30	30	III	3a				3a
2284	60	0-30	Calc HCL	7.5YR 4/2	<5%		30-60	C	7.5YR 5/2		MOB	Poor	60-120	C	7.5YR 5/3		MO	Poor	30	30	III	3a				3a
2285	61	0-30	Calc HCL	7.5YR 4/2	<5%		30-60	C	7.5YR 5/1		MOB	Poor	60-120	C	7.5YR 5/2		MO	Poor	30	30	III	3a				3a
2286	54	0-30	Calc HCL	7.5YR 4/2	<5%		30-60	C	7.5YR 5/2		MOB	Poor	60-120	C	7.5YR 5/3		MO	Poor	30	30	III	3a				3a
2287	56	0-30	Calc HCL	7.5YR 4/2	<5%		30-60	C	7.5YR 5/1		MOB	Poor	60-120	C	7.5YR 5/3		MO	Poor	30	<40	III	3a				3a
2288	58	0-30	Calc HCL	7.5YR 4/2	<5%		30-60	C	7.5YR 5/1		MOB	Poor	60-120	C	7.5YR 5/1		MO	Poor	30	<40	III	3a				3a
2289	59	0-30	Calc HCL	7.5YR 4/2	<5%		30-60	C	7.5YR 5/1		MOB	Poor	60-120	C	7.5YR 5/3		MO	Poor	30	<40	III	3a				3a
2290	57	0-30	Calc C	7.5YR 4/2	<5%		30-50	C	5YR 4/4		CG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2291	55	0-30	Calc C	7.5YR 4/2	<5%		30-50	C	5YR 4/4		CG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2292	53	0-30	Calc C	7.5YR 4/2	<5%		30-50	C	5YR 4/4		CG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2293	54	NON - AGRICULTURAL																								
2294	56	0-30	HZCL	7.5YR 4/2			30-70	CL	10YR 5/3		CO	WCSAB	70-120	C	2.5YR 4/4		MG	CAB	30	30	III	3b				3b
2295	60	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2296	64	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2297	65	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2298	58	0-30	Calc C	7.5YR 4/2	<5%		30-50	C	5YR 4/4		CG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2299	59	0-30	Calc C	7.5YR 4/2	<5%		30-50	C	5YR 4/4		CG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2300	58	0-30	Calc C	7.5YR 4/2	<5%		30-50	C	5YR 4/4		CG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2301	55	0-30	C	7.5YR 4/2	<5%		30-50	C	5YR 4/4		CG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3b				3b
2302	53	0-30	C	7.5YR 4/2	<5%		30-50	C	5YR 4/4		CG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3b				3b
2303	55	0-30	HZCL	7.5YR 4/2			30-120	CL	10YR 5/3		CO	Poor							30	30	III	3b				3b
2304	58	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a

		Topsoil					Subsoil 1						Subsoil 2						Wetness Assesment			Grade	Droughtiness Assessment		Grade	Grade by
Sample No	altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Gley	Wetness Class	According to Wetness	MB Wheat	MB Potato	According to Droughtiness	most limiting factor
2305	61	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2306	64	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2307	56	0-30	Calc C	7.5YR 4/2	<5%		30-50	C	5YR 4/4		CG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2308	56	0-30	Calc C	7.5YR 4/2	<5%		30-50	C	5YR 4/4		CG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2309	54	0-30	C	7.5YR 4/2	<5%		30-50	C	5YR 4/4		CG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3b				3b
2310	53	0-30	C	7.5YR 4/2	<5%		30-50	C	5YR 4/4		CG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3b				3b
2311	55	0-30	Calc HZCL	7.5YR 4/2			30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2312	58	0-30	Calc HZCL	7.5YR 4/2			30-60	C	5YR 4/4		CG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2313	60	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2314	63	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2315	59	0-30	Calc HZCL	7.5YR 4/2			30-60	C	5YR 5/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2316	62	0-30	Calc HZCL	7.5YR 4/2			30-120	C	5YR 4/4		COG	Poor							30	30	III	3a				3a
2317	67	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2318	61	0-30	Calc HZCL	7.5YR 4/2			30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2319	64	0-30	Calc HZCL	7.5YR 4/2			30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2320	68	0-30	C	10YR 4/3			30-50	C	10YR 6/1		CO	Poor	50	IMP												
2321	63	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2322	68	0-30	HCL	10YR 4/2			30-60	C	10YR 5/1		MOB	Poor	60-120	SC	5YR 5/3		CB	Poor	30	30	III	3b				3b
2323	72	0-30	HCL	10YR 4/2			30-60	C	10YR 5/3		MOB	Poor	60-120	SC	5YR 5/3		CB	Poor	30	30	III	3b				3b
2324	65	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2325	68	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2326	70	0-30	HCL	10YR 4/2			30-60	C	10YR 5/3		MOB	Poor	60-120	SC	5YR 5/3		CB	Poor	30	30	III	3b				3b
2327	68	0-30	C	7.5YR 4/2			30-120	C	5YR 5/3		CG	Poor														
2328	69	0-30	HCL	10YR 4/2			30-60	C	10YR 5/3		MOB	Poor	60-120	SC	5YR 5/3		CB	Poor	30	30	III	3b				3b
2329	70	0-30	HCL	10YR 4/2			30-60	C	10YR 5/3		MOB	Poor	60-120	SC	5YR 5/3		CB	Poor	30	30	III	3b				3b
2330	71	0-30	C	7.5YR 4/2			30-120	C	5YR 5/3		CG	Poor														
2331	70	0-30	C	7.5YR 4/2			30-120	C	5YR 5/3		CG	Poor														
2332	69	0-30	HCL	10YR 4/2			30-60	C	10YR 5/3		MOB	Poor	60-120	SC	5YR 5/3		CB	Poor	30	30	III	3b				3b
2333	69	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/3		MOB	Poor							30	30	III	3a				3a
2334	70	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2335	70	0-30	HCL	10YR 4/2			30-60	C	10YR 5/3		MOB	Poor	60-120	SC	5YR 5/3		CB	Poor	30	30	III	3b				3b
2336	69	0-30	HCL	10YR 4/2			30-60	C	10YR 5/3		MOB	Poor	60-120	SC	5YR 5/3		CB	Poor	30	30	III	3b				3b
2337	68	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2338	69	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/3		MOB	Poor							30	30	III	3a				3a
2339	68	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/3		MOB	Poor							30	30	III	3a				3a
2340	69	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/2		MOB	Poor							30	30	III	3a				3a
2341	68	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/3		MOB	Poor							30	30	III	3a				3a
2342	67	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/2		MOB	Poor							30	30	III	3a				3a
2343	64	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/1		MOB	Poor							30	30	III	3a				3a
2344	61	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2345	66	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/3		MOB	Poor							30	30	III	3a				3a
2346	65	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/2		MOB	Poor							30	30	III	3a				3a
2347	64	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/2		MOB	Poor							30	30	III	3a				3a
2348	63	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/3		MOB	Poor							30	30	III	3a				3a
2349	60	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/1		MOB	Poor							30	30	III	3a				3a
2350	59	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/3		MOB	Poor							30	30	III	3a				3a
2351	55	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2352	64	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2353	62	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/3		MOB	Poor							30	30	III	3a				3a
2354	61	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/3		MOB	Poor							30	30	III	3a				3a
2355	60	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/2		MOB	Poor							30	30	III	3a				3a
2356	58	0-30	Calc HCL	10YR 4/2			30-120	CL	7.5YR 5/3		MOB	Poor							30	30	III	3a				3a
2357	62	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2358	59	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2359	64	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2360	63	0-25	Calc C	7.5YR 4/3			25-50	C	10YR 5/3		COBG	Poor	50-120	C	2.5YR 4/4		MG	Poor	30	30	III	3a				3a
2696	68	0-30	Calc HZCL	7.5YR 4/2	<5%		30-60	C	5YR 4/4		COG	Poor	60-120	C	2.5YR 4/4		MOG	Poor	30	30	III	3a				3a
2697	82	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COBG	Poor							30	30	III	3a				3a
2698	81	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COBG	Poor							30	30	III	3a				3a
2699	82	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COBG	Poor							30	30	III	3a				3a
2700	82	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COBG	Poor							30	30	III	3a				3a
2701	81	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COBG	Poor							30	30	III	3a				3a
2702	80	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COBG	Poor							30	30	III	3a				3a
2703	79	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COBG	Poor							30	30	III	3a				3a
2704	82	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COBG	Poor							30	30	III	3a				3a
2705	76	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COBG	Poor							30	30	III	3a				3a
2706	75	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COBG	Poor							30	30	III	3a				3a
2707	75	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COBG	Poor							30	30	III	3a				3a
2708	73	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COBG	Poor							30	30	III	3a				3a
2709	73	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COBG	Poor							30	30	III	3a				3a
2710	71	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COBG	Poor							30	30	III	3a				3a
2711	72	0-30	Calc C	7.5YR 4/2	<5%		30-120	C	5YR 4/4		COBG	Poor							30	30	III	3a				3a
2712	44	0-30	MCL	10YR 4/3			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3a				3a
2713	56	0-30	MCL	10YR 4/3			30-120	C	5YR 4/4		COBG	Poor							30	30	III	3a				3a

																		Wetness Assesment			Grade	Droughtiness Assessment		Grade	Grade by
		Topsoil					Subsoil 1						Subsoil 2						Depth to		Wetness	According to			According to	most limiting
Sample No	altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	SPL	Gley	Class	Wetness	MB Wheat	MB Potato	Droughtiness	factor
2714	41	0-30	MCL	10YR 4/3			30-120	CL	7.5YR 5/3		FOBG	Poor							30	30	III	3a				3a
2715	51	0-30	MCL	10YR 4/3			30-120	CL	7.5YR 5/3		FOBG	Poor							30	30	III	3a				3a
2716	47	0-30	Calc HCL	7.5YR 4/3			30-120	C	7.5YR 5/3		MOB	Poor							30	30	III	3a				3a
2717	55	0-30	Calc HCL	7.5YR 4/3			30-120	C	7.5YR 5/3		MOB	Poor							30	30	III	3a				3a
2718	39	0-30	HCL	10YR 4/2		FO	30-120	CL	10YR 5/2		MO	Poor							30	30	III	3b				3b
2719	44	0-30	Calc HCL	7.5YR 4/3			30-120	C	5YR 4/4		COB	Poor							30	30	III	3a				3a
2720	53	0-30	Calc HCL	7.5YR 4/3			30-120	C	7.5YR 5/3		MOB	Poor							30	30	III	3a				3a
2721	55	0-30	Calc HCL	7.5YR 4/3			30-120	C	7.5YR 5/3		MOB	Poor							30	30	III	3a				3a
2722	36	0-30	C	10YR 5/2		FO	30-120	C	10YR 5/1		CO	Poor							30	30	III	3b				3b
2723	39	0-30	C	10YR 5/2		FO	30-120	C	10YR 5/1		CO	Poor							30	30	III	3b				3b
2724	47	0-30	Calc HCL	7.5YR 4/3			30-120	C	5YR 4/4		COB	Poor							30	30	III	3a				3a
2725	50	0-30	Calc HCL	7.5YR 4/3			30-120	C	5YR 4/4		COB	Poor							30	30	III	3a				3a
2726	40	0-30	C	10YR 4/1		FO	30-120	C	10YR 5/2		MO	Poor							30	30	III	3b				3b
2727	45	0-30	Calc HCL	7.5YR 4/3			30-120	C	5YR 4/4		COB	Poor							30	30	III	3a				3a
2728	36	0-30	C	10YR 4/1		FO	30-120	C	10YR 5/2		MO	Poor							30	30	III	3b				3b
2729	38	0-30	C	7.5YR 4/3			30-60	C	7.5YR 6/3		CO	Poor	60-120	CL	7.5YR 6/2		COB	Poor	30	30	III	3b				3b
2730	36	0-30	C	10YR 4/1		FO	30-120	C	10YR 5/2		MO	Poor							30	30	III	3b				3b
2731	47	0-30	Calc HCL	7.5YR 4/3			30-120	C	5YR 4/4		COB	Poor							30	30	III	3a				3a
2732	55	0-30	Calc HCL	7.5YR 4/3			30-120	C	5YR 4/4		COB	Poor							30	30	III	3a				3a
2733	38	0-30	C	10YR 5/2		FO	30-120	C	10YR 5/1		CO	Poor							30	30	III	3b				3b
2734	40	0-30	HCL	7.5YR 4/3			30-120	C	5YR 4/4		COB	Poor							30	30	III	3b				3b
2735	47	0-30	Calc HCL	7.5YR 4/3			30-120	C	5YR 4/4		COB	Poor							30	30	III	3a				3a
2736	38	0-30	HCL	10YR 4/2		FO	30-120	CL	10YR 5/2		MO	Poor							30	30	III	3b				3b
2737	41	0-30	Calc HCL	7.5YR 4/3			30-120	C	7.5YR 5/3		MOB	Poor							30	30	III	3a				3a

Appendix 4g - Auger point assessment

		Topsoil					Subsoil 1						Subsoil 2						Wetness Assesment			Grade	Droughtiness Assessment		Grade	
Sample No	Altitude	Depth	Texture	Colour	Stoniness	Mottles	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth	Texture	Colour	Stoniness	Mottles	Structure	Depth to SPL	Depth to Gley	Wetness Class	According to Wetness	MB Wheat	MB Potato	According to Droughtiness	ALC Grade
2611	22	0-30	MCL	10YR 4/3			30-120	CL	5YR 5/4		CGB	Poor							30	30	III	3a				3a
2612	18	0-35	HCL	10YR 4/3		FO	35-120	C	5YR 4/4		CGB	Poor							35	35	III	3b				3b
2613	26	0-35	HCL	10YR 4/3		FO	35-120	C	5YR 4/4		CGB	Poor							35	35	III	3b				3b
2614	21	0-30	MCL	10YR 4/3			30-120	CL	5YR 5/4		CGB	Poor							30	30	III	3a				3a
2615	19	0-30	MCL	10YR 4/3			30-120	CL	5YR 5/4		CGB	Poor							30	30	III	3a				3a
2616	18	0-30	MCL	10YR 4/3			30-120	CL	5YR 5/4		CGB	Poor							30	30	III	3a				3a
2617	17	0-30	mSL	10YR 4/3	5%		30-70	mSL	7.5YR 5/3	10%	COB	Moderate	70	IMP						30	I	1	-22	-14		3b
2618	15	0-30	MCL	10YR 4/3			30-120	CL	5YR 5/4		CGB	Poor							30	30	III	3a				3a
2619	16	0-30	MCL	10YR 4/3			30-120	CL	5YR 5/4		CGB	Poor							30	30	III	3a				3a
2620	14	0-40	HCL	10YR 4/2			40-120	C	10YR 5/1		Mottles	Poor							40	40	III	3b				3b
2621	14	0-40	MCL	10YR 4/2	5%		40-60	CL	10YR 5/2	20%	FO	Moderate	60	IMP						40	I	1	-30	-25	3b	3b
2622	19	0-45	MCL	10YR 4/3			45-80	CL	7.5YR 4/2		CO	Poor	80	IMP					45	45	II	2	-13	-10	3a	3a
2623	18	0-40	MCL	10YR 4/3			40-120	ZCL	7.5YR 5/3		COB	Poor							40	40	III	3a				3a
2624	15	0-35	MCL	7.5YR 4/3			35-120	C	5YR 4/4		FBG	Poor							35	35	III	3a				3a
2625	14	0-35	HCL	10YR 4/2			35-120	C	5YR 4/4		FBG	Poor							35	35	III	3b				3b
2626	15	0-30	HCL	10YR 4/2			30-120	C	10YR 5/1		MO	Poor							30	30	III	3b				3b
2627	15	0-40	MCL	10YR 4/2	5%		40-70	CL	10YR 5/2	20%	FO	Moderate	70	IMP						40	I	1	-23	-13	3b	3b
2628	13	0-40	MCL	10YR 4/2	5%		40-60	CL	10YR 5/2	20%	FO	Moderate	60	IMP						40	I	1	-30	-25	3b	3b
2629	14	0-40	MCL	10YR 4/2	5%		40-70	CL	10YR 5/2	20%	FO	Moderate	70	IMP						40	I	1	-23	-13	3b	3b
2630	15	0-35	HCL	10YR 4/2			35-60	C	10YR 5/3		COB	Poor	60-120	C	10YR 5/1		CO	Poor	35	35	III	3b				3b
2631	14	0-35	HCL	10YR 4/2			35-60	C	10YR 5/3		COB	Poor	60-120	C	10YR 5/1		CO	Poor	35	35	III	3b				3b
2632	13	0-40	MCL	10YR 4/2	5%		40-60	CL	10YR 5/2	20%	FO	Moderate	60	IMP						40	I	1	-30	-25	3b	3b
2633	13	0-40	MCL	10YR 4/2	5%		40-60	CL	10YR 5/2	20%	FO	Moderate	60	IMP						40	I	1	-30	-25	3b	3b
2773	65	0-35	HCL	7.5YR 4/2	2%		35-120	C	2.5YR 4/4		CBG	Poor							35	35	III	3b				3b
2774	55	0-30	HCL	7.5YR 4/2	5%		30-50	C	10YR 5/2		COB	Poor	50-120	C	5YR 4/4		CBG	Poor	30	30	III	3b				3b
2775	48	0-35	HCL	7.5YR 4/2	2%		35-120	C	2.5YR 4/4		CBG	Poor							35	35	III	3b				3b
2776	44	0-35	HCL	7.5YR 4/2	2%		35-120	C	2.5YR 4/4		CBG	Poor							35	35	III	3b				3b
2777	43	0-35	MCL	10YR 4/2	3%		35-120	CL	2.5YR 4/4		CBG	Poor							35	35	III	3a				3a
2778	43	0-30	MCL	10YR 4/2	3%		30-120	C	2.5YR 4/4		CBG	Poor							30	30	III	3a				3a
2779	42	0-35	HCL	10YR 4/2	3%		35-120	CL	5YR 4/4		CBG	Poor							35	35	III	3b				3b
2780	39	0-35	HCL	10YR 4/2	5%		35-120	CL	5YR 4/4		CBG	Poor							35	35	III	3b				3b
2782	39	0-35	HCL	10YR 4/2	5%		35-120	CL	5YR 4/4		CBG	Poor							35	35	III	3b				3b
2783	43	0-35	MCL	7.5YR 4/2			35-120	CL	5YR 4/4		CBG	Poor							35	35	III	3a				3a
2784	43	0-40	MCL	7.5YR 4/2			40-120	HCL	5YR 5/3		COB	Poor							40	40	III	3a				3a
2785	35	0-30	MCL	10YR 3/2			30-120	HCL	5YR 5/3		COB	Poor							30	30	III	3a				3a
2786	31	0-35	MCL	7.5YR 4/2			35-120	CL	5YR 4/4		CBG	Poor							35	35	III	3a				3a
2787	25	0-35	MCL	7.5YR 4/2			35-120	CL	5YR 4/4		CBG	Poor							35	35	III	3a				3a
2788	15	0-35	HCL	7.5YR 4/2			35-120	CL	5YR 4/4		CBG	Poor							35	35	III	3b				3b
2789	18	0-35	HCL	7.5YR 4/2			35-120	HCL	5YR 5/3		CBG	Poor							35	35	III	3b				3b
2790	24	0-35	MCL	10YR 4/2			35-50	HCL	5YR 5/3		CBG	Poor	50-120	C	5YR 4/4		CBG	Poor	35	35	III	3a				3a
2791	19	0-35	MCL	10YR 4/2			35-60	HCL	5YR 5/3		CBG	Poor	60-120	C	5YR 4/4		CBG	Poor	35	35	III	3a				3a
2792	19	0-30	MCL	7.5YR 4/2			30-50	HCL	5YR 5/3		CBG	Poor	50-120	C	5YR 4/4		CBG	Poor	30	30	III	3a				3a
2793	19	0-35	MCL	10YR 4/2			35-50	HCL	5YR 5/3		CBG	Poor	50-120	C	5YR 4/4		CBG	Poor	35	35	III	3a				3a
2794	19	0-35	MCL	10YR 4/2			35-50	HCL	5YR 5/3		CBG	Poor	50-120	C	5YR 4/4		CBG	Poor	35	35	III	3a				3a
2795	18	0-35	MCL	10YR 4/2			35-120	C	5YR 5/3		CBG	Poor							35	35	III	3a				3a
2796	15	0-35	MCL	10YR 4/2			35-50	HCL	5YR 5/3		CBG	Poor	50-120	C	5YR 4/4		CBG	Poor	35	35	III	3a				3a
2797	14	0-40	mSL	10YR 4/2	5%		40	IMP													I	1	-47	-43	3b	3b
2798	14	0-40	mSL	10YR 4/2	5%		40	IMP													I	1	-47	-43	3b	3b
2799	14	0-40	mSL	10YR 3/2	5%		40-70	MCL	10YR 5/2		CO	Poor	70	IMP							I	1	-23	-10	3b	3b
2800	15	0-35	mSL	10YR 3/2	5%		35-50	mSL	7.5YR 5/3	20%	FO	Moderate	50	IMP							I	2	-31	-27	3b	3b
2801	14	0-40	mSL	10YR 3/2	5%		40-60	SCL	7.5YR 5/2	20%	CO	Moderate	60	IMP							I	1	-24	-19	3b	3b
2802	14	0-35	mSL	10YR 3/2	10%		35-60	LmS	10YR 5/3	30%	CO	Moderate	60-120	mS	10YR 5/4	30%		Moderate			I	1	-26	-35	3b	3b
2803	14	0-35	mSL	10YR 3/2	10%		35-60	LmS	10YR 5/3	30%	CO	Moderate	60-120	mS	10YR 5/4	30%		Moderate			I	1	-26	-35	3b	3b
2804	15	0-35	MCL	10YR 3/2	5%		35-50	HCL	10YR 5/2		CO	Poor	50-60	mSL	10YR 5/4	20%		Moderate	35	35	III	3a	-21	-9	3b	3b
2805	15	0-30	HCL	10YR 4/2			30-60	C	10YR 5/2		CO	Poor	60-120	C	10YR 5/1			Poor	30	30	III	3b				3b
2806	14	0-30	HCL	10YR 4/2			30-120	C	10YR 5/1		CO	Poor							30	30	III	3b				3b
2807	14	0-30	HCL	10YR 4/2			30-120	C	10YR 5/1		CO	Poor							30	30	III	3b				3b
2808	15	0-30	HCL	10YR 4/2			30-120	C	10YR 5/1		CO	Poor							30	30	III	3b				3b
2809	15	0-30	HCL	10YR 4/2			30-120	C	10YR 5/1		CO	Poor							30	30	III	3b				3b
2810	14	0-30	HCL	10YR 4/2			30-120	C	10YR 5/1		CO	Poor							30	30	III	3b				3b
2811	16	0-30	HCL	10YR 4/2			30-120	C	10YR 5/1		CO	Poor							30	30	III	3b				3b
2812	16	0-30	HCL	10YR 4/2			30-120	C	10YR 5/1		CO	Poor							30	30	III	3b				3b

APPENDIX 5 - DESCRIPTION OF ALC GRADES

Grade 1 - excellent quality agricultural land Land with no or very minor limitations to agricultural use. A very wide range of agricultural and horticultural crops can be grown and commonly includes top fruit, soft fruit, salad crops and winter harvested vegetables. Yields are high and less variable than on land of lower quality.

Grade 2 - very good quality agricultural land Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.

Grade 3 - good to moderate quality agricultural land Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.

Subgrade 3a - good quality agricultural land Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.

Subgrade 3b - moderate quality agricultural land Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.

Grade 4 - poor quality agricultural land Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.

Grade 5 - very poor-quality agricultural land Land with very severe limitations which restrict use to permanent pasture or rough grazing, except for occasional pioneer forage crops.