

## Appendix A15.1: Land Capability for Agriculture

### 1 Land Capability for Agriculture Descriptors

#### Introduction

- 1.1 This appendix describes the land capability for agriculture (LCA) classes used in the assessment of agricultural land affected by the proposed Scheme. Sections 2 to 5 provide the Macaulay Land Use Research Institute (MLURI) descriptors for each land capability class.

#### Land Suited to Arable Cropping

##### Class 1: Land Capable of Producing a Very Wide Range of Crops

- 1.2 Cropping is highly flexible and includes the more exacting crops (i.e. those with demanding requirements) such as winter harvested vegetables (cauliflower, Brussels sprouts, leeks). The level of yield is consistently high. Soils are usually well-drained deep loams, sandy loams, silty loams or their related humic variants with good reserves of moisture. Sites are level or gently sloping, and the climate is favourable. If there are physical limitations which affect agricultural land use, these are very minor.

##### Class 2: Land Capable of Producing a Wide Range of Crops

- 1.3 Cropping is very flexible and a wide range of crops can be grown, however the land may be unsuited to winter harvested crops. The level of yield is high but less consistently obtained than on Class 1 land due to the effects of minor limitations which impact upon cultivation, crop growth or harvesting. The limitations include either singly or in combination:

- slight workability or wetness problems;
- slightly unfavourable soil structure or texture; and
- moderate slopes or slightly unfavourable climate.

- 1.4 The limitations are always minor in their effects and land in the class is highly productive.

##### Class 3: Land Capable of Producing a Moderate Range of Crops

- 1.5 Land is capable of producing good yields of a narrow range of crops, principally cereals and grass, and/or moderate yields of a wider range including potatoes, some vegetable crops (e.g. field beans and summer harvested brassicae) and oilseed rape. The degree of variability between years will be greater than for the degree of variability in Classes 1 and 2, mainly due to:

- interactions between climate;
- soil and management factors which affect the timing and type of cultivations;
- sowing and harvesting;
- wetness;
- restrictions to rooting depth;
- unfavourable structure or texture;
- strongly sloping ground;
- slight erosion; or
- a variable climate.

- 1.6 The range of soil types is greater than for Classes 1 and 2.

##### *Class 3: Division 3.1*

- 1.7 Land in this division is capable of producing consistently high yields of a narrow range of crops (principally cereals and grass) and/or moderate yields of a wider range (including potatoes, field beans and other vegetables and root crops). Short grass leys are common.

*Class 3: Division 3.2*

- 1.8 Land is capable of average production, but high yields of barley, oats and grass are often obtained. Other crops are limited to potatoes and forage crops. Grass leys are common and reflect the increasing growth limitations for arable crops and degree of risk involved in their production.

Class 4: Land Capable of Producing a Narrow Range of Crops

- 1.9 Land is suitable for enterprises based primarily on grassland with short arable breaks (e.g. barley, oats, forage crops). Yields of arable crops are variable due to soil, wetness or climatic factors. Yields of grass are often high but difficulties of production or utilisation may be encountered. The moderately severe levels of limitation restrict the choice of crops and demand careful management. The limitations may include:
- moderately severe wetness;
  - occasional damaging floods;
  - shallow or very stony soils;
  - moderately steep gradients;
  - moderate erosion risk;
  - moderately severe climate; or
  - interactions of these which increase the level of farming risk.

*Class 4: Division 4.1*

- 1.10 Land in this division is suited to rotations, which, although primarily based on ley grassland, include forage crops and cereals for stock feed. Yields of grass are high but difficulties of utilisation and conservation may be encountered. Other crop yields are very variable and usually below the national average.

*Class 4: Division 4.2*

- 1.11 Land is primarily grassland with some limited potential for other crops. Grass yields can be high but difficulties of conservation or utilisation may be severe, especially in areas of poor climate or on very wet soils. Some forage cropping is possible and, when the extra risks involved can be accepted, an occasional cereal crop.

**Land Suited Only to Improved Grassland and Rough Grazing**

Class 5: Land Capable of Use as Improved Grassland

- 1.12 Land is restricted to grass production but such land frequently plays an important role in the economy of British hill lands. Mechanised surface treatments to improve the grassland, ranging from ploughing through rotation to surface seeding and improvement by non-disruptive techniques are all possible. Although an occasional pioneer forage crop may be grown, one or more severe limitations render the land unsuited for arable cropping. These include:
- adverse climate;
  - wetness;
  - frequent damaging floods;
  - steep slopes;
  - soil defects; or
  - erosion risks.
- 1.13 Grass yields within the class can be variable and difficulties in production, and particularly utilisation, are common.

*Class 5: Division 5.1*

- 1.14 Establishment of a grass sward and its maintenance present few problems and potential yields are high with ample growth throughout the season. Patterns of soil, slope or wetness may be slightly restricting but the land has few poaching problems. High stocking rates are possible.

*Class 5: Division 5.2*

- 1.15 Sward establishment presents no difficulties but moderate or low traffic ability, patterned land and/or strong slopes cause maintenance problems. Growth rates are high and despite some problems of poaching satisfactory stocking rates are achievable.

*Class 5: Division 5.3*

Land in this division has properties which lead to serious traffic ability and poaching difficulties and although sward establishment may be easy, deterioration in quality is often rapid. Patterns of soil, slope or wetness may seriously interfere with establishment and/or maintenance. The land cannot support high stock densities without damage and this may be serious after heavy rain even in summer.

**Land Capable of Use Only as Rough Grazing**

Class 6: Land Capable of Use Only as Rough Grazing

- 1.16 Land has very severe site, soil or wetness limitations, which generally prevent the use of tractor-operated machinery for improvement. Reclamation of small areas to encourage stock to range is often possible. Climate is often a very significant limiting factor. A range of widely different qualities of grazing is included from very steep land with significant grazing value in the lowland situation to moorland with a low but sustained production in the uplands. Grazing is usually insignificant in the full arctic zones of the mountain lands, but below this level of grazing which can be utilised for five months or longer in any year are included in the class. Land affected by severe industrial pollution or dereliction may be included if the effects of the pollution are non-toxic.

*Class 6: Division 6.1*

- 1.17 Land in the division has high proportions of palatable herbage in the sward, principally the better grasses, e.g. meadow grass-bent grassland, bent-fescue grasslands.

*Class 6: Division 6.2*

- 1.18 Moderate quality herbage such as white and flying bent grasslands, rush pastures and herb-rich moorlands or mosaics of high and low grazing values characterise land in the division.

*Class 6: Division 6.3*

- 1.19 The vegetation is dominated by plant communities with low grazing values, particularly heather moor, bog heather moor and blanket bog.

**Land of Very Limited Agricultural Value**

Class 7: Very Limited Agricultural Value

- 1.20 Land has extremely severe limitations that cannot be rectified. The limitations may result from one or more of the following:
- extremely severe wetness;
  - extremely stony, rocky land;
  - unvegetated soils;
  - scree or beach gravels;
  - toxic waste tips and dereliction;
  - very steep gradients;

- severe erosion including intensively hagged peat lands; and
  - extremely severe climates (exposed situations, protracted snow-cover and short growing season).
- 1.21 Agricultural use is restricted to very poor rough grazing.

## 2 Land Capability for Agriculture Survey

### Introduction

- 2.1 A LCA field survey involves suitably qualified and experienced surveyors on foot examining soil profiles to a depth of 1m (or to any impenetrable layer if shallower) using soil augers and spades. The auger is hand-held and operated, and has a diameter of about 50 mm and is used to make physical observations of the soil. Other key physical characteristics, including subsoil structure, stone content and rooting depth, are also examined in more detail in small pits dug by hand. Soil physical characteristics (structure, texture, shallowness, stoniness and droughtiness) along with climate, gradient, wetness class, flood risk, erosion, and pattern are combined using the guidance contained within the MLURI Land Capability Classification System for Agriculture (1991) to determine the agricultural land classification.

### Survey observations

- 2.2 The recorded survey observations are analysed according to the MLURI LCA guidelines (1991) and criteria with survey results for each observed soil profile reported along with the land capability for agriculture classification. This is reported in Table 1.

**Table 1: Survey Data for Land Capability for Agriculture Assessment**

Land Interest	Point Count	Soil Description	Max Gradient (°)	Drainage Status	Existing LCA	Final LCA
434	1	0-42 Br fine SaL, 42-75+ LightBr SiL	15	0-42 Free, 42-75+Impeded	2	2
434	2	0-42 Br fine SaL, 42-55 LightBr LSa	11	0-42 Wet, 42-55 Impeded	2	3.1s
436	3	0-50 Br fine SaL, 50-60 OrangeBr LSa	1	0-50 Free, 50-60 Impeded	2/6.2	2
435	4	0-46 Br C LSa, 46-59 OrangeBr Coarse Sa	7	0-46 Free, 46-59 Free	2	3.2s
435	5	0-59 Br F LSa, 59-65 OrangeBr Coarse Sa	3	0-59 Free, 59-65 Free	2	3.1s
436	6	0-56 Br Fine SaL, 56-62 Br LSa	3	0-56 Free, 56-62 Free	2/6.2	3.1s
435	7	0-34 Br Fine SaL, 34-42 OrangeBr C LSa	3	0-34 Free, 34-42 Impeded	6.2	3.2w
435	8	0-29 LSa, 29-46 OrangeBr F LSa	3	0-29 Free, 29-46 Free	2	3.2s
435	9	0-32 Br Fine SaL, 32-45OrangeBr LSa	5	0-32 Free, 32-45 Free	2	3.2s
435	11	0-28 Br Fine SaL, 28-62 Br F LSa	7	0-28 Free, 28-62 Free	2	2
435	12	0-46 DBr Fine SaL, 46-78 Br Fine SaL, 78-90 GreyBr Fine Sa	9	0-46 Free, 46-78 Free, 78-90 Imperfectly with a few weak mottles	2	2
432	13	0-38 Br Fine SaL, 38-48 OrangeBr C LSa	7	0-38 Free, 38-48 Free	2	2
432	14	0-34 Br Fine SaL, 34-60 LightBr LSa	2	0-34 Free, 34- 60 Free	3.1	3.1s
432	15	0-22 DBr Fine SaL, 22-49 Br LSa, 49-85+ LightBr Fine SaL	3	0-22 Free, 22-49 Free, 49-85+ Free	3.1	3.1s
426	16	0-37 Br LSa, 37-65 Br Coarse Sa	4	0-37 Free, 37-65 Free	3.1	3.1s
426	17	0-36 Br LSa	4	0-36 Free	3.1	3.2
416	18	0-40 Br Fine SaL	5	0-40 Free	3.1	3.1
416	19	0-38 Br Fine SaL, 38-49 OrangeBr Coarse Sa	5	0-38 Free, 38-49 Free	3.1	3.1
435	20	0-35 Br SaL, 35-43 OrangeBr Med Sa	3	0-35 Free, 35-43 Free	2	3.1s
416	21	0-38 Br Fine SaL, 38-85+ Grey Br SiL	1	0-38 Free, 38-85+ Impeded	3.1	3.1w
435	22	0-28 Br SaL, 28-52 OrangeBr Med Sa	3	0-28 Free, 28-52 Free	2	3.2s
635	23	0-32 Br LSa, 32-44 OrangeBr LSa	3	0-32 Free, 32-44 Free	3.1	3.2s
411	24	0-35 Med Br Med SaL, 35-42 L OrangeBr Med SaL	5	0-35 Free, 35-42 Free	3.1	3.1s

Land Interest	Point Count	Soil Description	Max Gradient (°)	Drainage Status	Existing LCA	Final LCA
416	25	0-32Br LSa, 32-45 OrangeBr C LSa	5	0-32 Free, 32-45 Free	3.1	3.2s
635	26	0-39 Br SaL, 39-65 Br LSa, 65-79 LightBr Fine LSa	1	0-39 Free, 39-65 Free, 65-79 Free	3.1	3.1
416	27	0-41Br Fine SaL, 41-52 LightBr LSa	3	0-41 Free, 41-52 Free	3.1	3.1s
411	28	0-37 Med Br Med SaL, 37-48 LightBr Med SaL, 48-72+ LightBr Fine SaL	2	0-37 Free, 37-48 Free, 48-72+ Slightly Impeded, few very fine mottles	3.1	2
635	29	0-57 Br SaL, 57	1	0-57 Free, N/A	2	3.1s
413	30	0-47 Med Br Med SaL, 47-75 OrangeBr Coarse Sa	1	0-47 Free, 47-75 Free	2	3.1s
411	31	0-33 Med Br Fine LSa, 33-55 LightBr Fine LSa, 55-80+ LightBr V-Fine Sa	1	0-33 Free, 33-55 Free, 55-80+ Free	3.1	2
411	32	0-35 Med Br Fine LSa, 35-65 LightBr Fine LSa, 65-80+ LightBr V-Fine Sa	1	0-35 Free, 35-65 Free, 65-80+ Free	3.1	2
411	33	0-36 Med Br Fine SaL, 36-50 LightBr Fine SaL, 50-80+ LightBr Fine LSa	1	0-36 Free, 36-50 Free, 50-80+ Slightly Impeded, few very fine mottles	3.1	3.1s
410	34	0-38 Med Br Fine SaL, 38-62 LightBr Fine SaL, 62-70+ LightBr Fine SaL	4	0-38 Free, 38-62 Free, 62-70+ Imperfectly with a few weak mottles	3.1	3.1s
410	35	0-40 Med Br Fine SaL, 40-55 Red/Yellow Br LSa/Sa, 55-75+ YellowBr LSa/Sa	4	0-40 Free, 40-55 Free, 55-75+ Imperfectly with a few weak mottles	3.1	3.1s
410	36	0-42 Med Br Fine SaL, 42-75 LightBr V-Fine SaL, 75-85+ YellowBr V-Fine Sa	4	0-42 Free, 42-75 Free, 75-85+ Free	2	2
410	37	0-38 Med Br Fine SaL, 38-55 LightBr Fine SaL, 55-72+ LightBr Fine SaL	3	0-38 Free, 38-55 Free, 55-72+ Slightly Impeded, few very fine mottles	2	2
410	38	0-37 Med Br Fine SaL, 37-75+ Red/Yellow Br V-Fine SaL	3	0-37 Free, 37-75+ Free	2	2
410	39	0-37 Med Br Fine SaL, 37-55 LightBr Fine SaL, 55-65 YellowBr +RedrustyBr Fine SaL	3	0-37 Free, 37-55 Free, 55-65 Free	2	2
410	40	0-38 Med Br Fine SaL, 38-57 Med/LightBr Fine SaL, 57-75+ Red/orangeBr Fine LSa/Sa	2	0-38 Free, 38-57 Free, 57-75+ Free	2	2
410	41	0-38 Med Br Fine SaL, 38-76 LightBr Fine SaL, 76-84 YellowBr Fine LSa	1	0-38 Free, 38-76 Free, 76-84 Free	2	2
406	42	0-45 Br SaL, 45-66 Br Fine SaL, 66-110 LightBr LSa	3	0-45 Free, 45-66 Free, 66-110 Free	2	2
406	43	0-60 Br SaL, 60-85 LightBr Fine SaL	3	0-60 Free, 60-85 Free	2	2

Land Interest	Point Count	Soil Description	Max Gradient (°)	Drainage Status	Existing LCA	Final LCA
406	44	0-68 Br SaL, 68-100 OrangeBr Coarse Sa	3	0-68 Free, 68-100 Free	2	2
406	45	0-69 Br SaL, 69-93 Br LSa	7	0-69 Free, 69-93 Free	2	2
406	46	0-79 Br SaL, 79-95 OrangeBr Coarse Sa	3	0-79 Free, 79-95 Free	2	2
406	47	0-34 Br Fine SaL, 34-50 OrangeBr C LSa	5	0-34 Free, 34-50 Free	3.1/2	3.1s
406	48	0-37 Br SaL, 37-40 Br SaL	7	0-37 Free, 37-40 Free	3.1	3.2s
406	49	0-53 Br Fine SaL, 53-65 OrangeBr Coarse Sa	3	0-53 Free, 53-65 Free	2	3.1s
406	50	0-28 Br Fine SaL, 28-59 OrangeBr Coarse Sa	5	0-28 Free, 28-59 Free	3.1	3.1s
406	51	0-45 Br Fine SaL, 45-64 OrangeBr C LSa	4	0-45 Free, 45-64 Free	2	3.1s
406	52	0-45 Br SaL, 45-65 Br Fine SaL, 65-90 OrangeBr Fine Sa	3	0-45 Free, 45-65 Free, 65-90 Free	3.2/2	2
406	53	0-43 Br Fine SaL, 43-68 Br LSa	4	0-43 Free, 43-68 Free	2/3.1	2
406	54	0-85 Br LSa, 85-103 Brown LSa	2	0-85 Free, 85-103 Free	3.2/2	2
406	55	0-36 Br LSa, 36-93 Brown LSa, 93-100 OrangeBr Med Sa	7	0-36 Free, 36-93 Free, 93-100 Free	3.2	3.1s
406	56	0-28 Br LSa, 28-64 OrangeBr Coarse Sa	7	0-28 Free, 28-64 Free	3.2	3.2s
558	57	0-32 Br Coarse LSa, 32-65 Br Coarse Sa	4	0-32 Free, 32-65 Free	3.1	3.2s
558	58	0-52 Br LSa, 52-80 Br Fine LSa	3	0-52 Free, 52-80 Free	3.1	2
558	59	0-44 Br LSa, 44-61 Br Coarse Sa	3	0-44 Free, 44-61 Free	3.1	3.1s
558	60	0-52 Br LSa, 52-80 Br Fine LSa	3	0-52 Free, 52-80 Free	3.1	2
558	61	0-54 Br LSa, 54-80 OrangeBr Med Sa	3	0-54 Free, 54-80 Free	3.1	2
558	62	0-50 Br LSa, 50-80 Br Fine Sa, 80-102 OrangeBr Coarse Sa	3	0-50 Free, 50-80 Free, 80-102 Free	3.1	2
558	63	0-55 Br LSa, 55-80 LBr LSa	1	0-55 Free, 55-80 Free	3.1	2
558	64	0-47 Br LSa, 47-80 Br Fine LSa	1	0-47 Free, 47-80 Free	3.1	2
558	65	0-45 Br LSa, 45-80 Br Fine LSa	1	0-45 Free, 45-80 Impeded	3.1	2
558	66	0-43 Br LSa, 43-51 Br Fine LSa, 51-80 LightBr Fine Sa	1	0-43 Free, 43-51 Free, 51-80 Imperfectly with a few weak mottles	3.1	2
558	67	0-38 Br LSa, 38-70 Br LSa, 70-85 LightBr Coarse Sa	1	0-38 Free, 38-70 Impeded, 70-85 Impeded and wet	3.1	3.1s
558	68	0-41 Med Br Fine LSa, 41-46 Br Fine LSa, 46-48 OrangeBr Fine Sa	2	0-41 Free, 41-46 Free, 46-48 Free	3.1	3.1s

Land Interest	Point Count	Soil Description	Max Gradient (°)	Drainage Status	Existing LCA	Final LCA
558	69	0-43 Med Br Fine LSa, 43-75 OrangeBr Fine LSa	2	0-43 Free, 43-75 Free	3.1	3.1s
558	70	0-45 Med Br Fine LSa, 45-80 Br Fine LSa	1	0-45 Free, 45-80 Free	3.2	2
558	71	0-38 Med Br Med LSa, 38-61 Br Med LSa, 61-75 OrangeBr Med Sa	6	0-38 Free, 38-61 Free, 61-75 Free	3.2	3.1s
558	72	0-44 Br LSa, 44-56 Br Fine LSa, 56-75 LightBr V-Fine Sa	1	0-44 Free, 44-56 Free, 56-75 Free	3.2	2
558	73	0-45 Med Br Med LSa, 45-55 Br Med LSa, 55-57 OrangeBr Med Sa	2	0-45 Free, 45-55 Free, 55-57 Free	3.1	2
558	74	0-38 Med Br Med LSa, 38-52 Br Med LSa	2	0-38 Free, 38-52 Free	3.1	3.1s
558	75	0-37 Med Br Med LSa, 37-65 LBr Med LSa, 65-84 GreyBr Fine Sa	6	0-37 Free, 37-65 Free, 65-84 Free	3.2	3.1s
558	76	0-37 Med Br Med LSa, 37-65 Br Med LSa	12	0-37 Free, 37-65 Free	3.2	3.2gs
558	77	0-39 Med Br Fine LSa, 39-67 Br Fine LSa	16	0-39 Free, 39-67 Free	3.2	3.2gs
558	78	0-30 Med Br Fine SaL, 30-33 OrangeBr Med Sa	6	0-30 Free, 30-33 Free	3.2	3.2s
558	79	0-33 Med Br Med SaL, 33-55 OrangeBr Med Sa	3	0-33 Free, 33-55 Free	3.2	3.2s
558	80	0-37 Med Br Med SaL, 37-75 LBr Fine LSa	6	0-37 Free, 37-75 Free	3.2	3.1s
558	81	0-41 Med Br Med LSa, 41-55 LBr Fine LSa, 55-75 OrangeBr Fine Sa	4	0-41 Free, 41-55 Free, 55-75 Free	3.2	3.1s
558	82	0-34 Med Br Fine LSa, 34-55 OrangeBr Fine Sa	4	0-34 Free, 34-55 Free	3.2	3.2s
558	83	0-34 Med Br Med LSa, 34-36 OrangeBr Fine Sa	4	0-34 Free, 34-36 Free	3.2	3.2s
558	84	0-37 Med Br Med LSa, 37-45 LBr Med Sa	2	0-37 Free, 37-45 Free	3.2	3.2s
558	85	0-51 Med Br Fine LSa, 51-85 LBr Fine LSa	4	0-51 Free, 51-85 Free	3.2	3.1s
558	86	0-42 Med Br Fine LSa, 42-66 LBr Fine SaL	4	0-42 Free, 42-66 Free	3.2	3.1s
558	87	0-43 Med Br Fine LSa, 43-73 LBr Fine LSa	4	0-43 Free, 43-73 Free	3.2	3.1s
558	88	0-46 Med Br Fine LSa, 46-66 LBr Fine LSa	4	0-46 Free, 46-66 Free	3.2	3.1s
558	89	0-39 Med Br Fine LSa, 39-56 LBr Fine LSa, 56-67 YellowBr Sa	5	0-39 Free, 39-56 Free, 56-67 Free	3.2	3.1s
558	90	0-39 Med Br Fine LSa, 39-48 LBr Fine LSa, 48-83 LightBr Fine Sa	6	0-39 Free, 39-48 Free, 48-83 Free	2	2
558	91	0-44 Med Br Fine SaL, 44-75 LBr Fine LSa	3	0-44 Free, 44-75 Free	2	2
558	92	0-52 Med Br Fine LSa, 52-75 LBr Fine Sa, 75-86 OrangeBr Sa	1	0-52 Free, 52-75 Free, 75-86 Free	3.2	3.1s
558	93	0-36 Med Br Med LSa, 36-85 OrangeBr Med Sa	5	0-36 Free, 36-85 Free	3.2	3.2s
558	94	0-23 Med Br Med LSa, 23-65 OrangeBr Med Sa	8	0-23 Free, 23-65 Free	3.2	3.2s



Land Interest	Point Count	Soil Description	Max Gradient (°)	Drainage Status	Existing LCA	Final LCA
558	95	0-38 Med Br Fine LSa, 38-78 LightBr Fine LSa, 78-96 GreyBr Fine LSa	1	0-38 Free, 38-78 Free, 78-96 Imperfectly with a few weak mottles	3.2	3.1s
558	96	0-46 Med Br Med LSa, 46-52 LBr Med Sa	5	0-46 Free, 46-52 Free	3.2	3.1s
558	97	0-45 Med Br Med LSa, 45-80 Grey Br Med Sa	3	0-45 Free, 45-80 Free	4.2	3.2s
558	98	0-45 Med Br Fine LSa, 45-75 Br Fine LSa, 75-80 GreyBr Fine Sa	3	0-45 Free, 45-75 Free, 75-80 Free	2	2
558	99	0-45 Med Br Med SaL, 45-59 Med SaL, 59-62 GreyBr Med Sa	1	0-45 Free, 45-59 Free, 59-62 Free	2	2
557	100	0-40 Br LSa, 40-80 Grey Br Fine Sa	3	0-40 Free, 40-80 Impeded	4.2	3.1s
557	101	0-30 Br LSa, 30-60 Grey Br Fine Sa	3	0-30 Free, 30-60 Impeded	4.2	3.2s
342	102	0-36 Br Fine LSa	1	0-36 Free	4.2	3.2s
557	103	0-32 Br Fine LSa, 32-50 Grey Br Fine Sa	3	0-32 Free, 32-50 Impeded	4.2	3.2w
557	105	0-30 Med Br Fine LSa, 30-65 Light Br Fine Sa	4	0-30 Free, 30-65 Free	4.1/3.2	3.2s
557	106	0-30 Br LSa, 30-50 GreyBr Med Sa	1	0-30 Free, 30-50 Impeded	3.2	3.2w
557	107	0-31 Br LSa, 31-45 LightBr LSa	2	0-31 Free, 31-45 Free	3.2	3.2s
557	108	0-44 Br LSa, 44-70 GreyBr Fine Sa	1	0-44 Free, 44-70 Impeded	4.2	3.2w
557	109	0-40 Br LSa, 40-44OrangeBr Sa	3	0-40 Free, 40-44 Free	3.2	3.2s
557	110	0-44 Br LSa, 44-60 Br Fine Sa	3	0-44 Free, 44-60 Impeded	3.2	3.2s
557	111	0-33 Br LSa, 33-50 Br LSa	3	0-33 Free, 33-50 Free	3.1	3.2s
557	112	0-59 Br LSa	3	0-59 Free	3.1	3.1s
557	113	0-66 Br LSa	3	0-66 Free,	3.2	3.1s
557	114	0-40 Br LSa, 40-60 Br LSa, 60-63 LightBr Coarse Sa	3	0-40 Free, 40-60 Free, 60-63 Free	3.1	3.1s
557	115	0-55 Br LSa	3	0-55 Free	3.1	3.1s
557	116	0-45 Br LSa, 45-50 Br LSa	3	0-45 Free, 45-50 Free	3.1	3.2s
557	117	0-31 Br LSa, 31-47 OrangeBr C LSa	3	0-31 Free, 31-47 Free	3.1	3.2s
557	118	0-24 Br LSa, 24-40 GreyBr Med Sa, 40-56 OrangeBr Med Sa	3	0-24 Free, 24-40 Free, 40-56 Free	3.1	3.2s
557	119	0-42 Br LSa, 42-69 OrangeBr Fine Sa, 69-75 LightBr Fine Sa	3	0-42 Free, 42-69 Free, 69-75 Free	3.1	3.2s
557	120	0-41 Br LSa, 41-50 OrangeBr, Fine Sa	3	0-41 Free, 41-50 Free	3.1	3.2s

Land Interest	Point Count	Soil Description	Max Gradient (°)	Drainage Status	Existing LCA	Final LCA
557	121	0-52 Br LSa, 52-60 OrangeBr, Med Sa	2	0-52 Free, 52-60 Free	3.1	3.2s
557	122	0-35 Br LSa, 35-45 OrangeBr LSa	2	0-35 Free, 35-45 Free	3.1	3.2s
449	123	0-31 Br LSa, 31-65 OrangeBr Med Sa	3	0-31 Free, 31-65 Free	3.1	3.2s
449	124	0-58 Br LSa	2	0-58 Free	3.2	3.2s
449	125	0-42 Br LSa, 42-60 Br Med Sa	2	0-42 Free, 42-60 Free	3.2	3.2s
449	126	0-93 Br LSa	5	0-93 Free	3.1	3.1s
449	127	0-41 Br LSa, 41-69 OrangeBr Med Sa	1	0-41 Free, 41-69 Free	3.1	3.1s
449	128	0-32 Br LSa, 32-50 GreyBr Med Sa	1	0-32 Free, 32-50 Impeded	3.2	3.2s
449	129	0-25 Grey Br LSa, 25-55 GreyBr Med Sa	1	0-25 Impeded, 25-55 Impeded	3.2	3.2w
449	130	0-34 Br LSa, 34-72 Br Coarse Sa	1	0-34 Free, 34-72 Impeded	3.2	3.2s
449	131	0-29 Br LSa, 29-43 LightBr Fine Sa	1	0-29 Free, 29-43 Free	3.2	3.2s
449	132	0-36 Med Br Fine LSa, 36-75 Br Fine LSa	6	0-36 Free, 36-75 Free	3.1	3.1s
449	133	0-49 DarkBr LSa, 49-63 OrangeBr Fine Sa	3	0-49 Free, 49-63 Free	3.2	3.2s
449	134	0-35 Br LSa, 35-65 GreyBr Fine Sa	2	0-35 Free, 36-65 Impeded	3.2	3.2s
449	135	0-35 Med Br SiL, 35-80 GreyBr V-Fine Sa	2	0-35 Impeded, 35-80 Impeded	3.2	3.2w
449	136	0-41 Med Br Fine SaL, 41-75 Br Fine LSa	3	0-41 Free, 41-75 Free	3.1	2
342	137	0-40 Br Fine LSa, 40-85 YellowBr V-Fine Sa	3	0-40 Free, 40-85 Free	3.1	3.1s
449	138	0-42 Med Br Fine LSa, 42-48 Br Fine LSa	8	0-42 Free, 42-48 Free	3.1	3.2gs
449	139	0-43 Med Br Fine LSa, 43-67 Br Fine LSa, 67-69 OrangeBr Fine Sa	4	0-43 Free, 43-67 Free, 67-69 Free	3.2	3.1s
449	140	0-42 Grey Br SiL, 42-55 GreyBr SiL	0	0-42 Impeded, 42-55 Impeded	3.2	3.2w
449	141	0-39 Med Br Fine SaL, 39-55 GreyBr Fine LSa	4	0-39 Free, 39-55Free	3.1	3.1s
342	142	0-39 Br Fine LSa, 39-70 YellowBr Med Sa,	7	0-39 Free, 39-70 Free	3.2	3.2s
449	143	0-37 Med Br Fine SaL, 37-75 Br Fine SaL	3	0-37 Free, 37-75 Free	3.1	3.1s
448	144	0-45 Med Br Fine LSa, 45-58 Br Fine LSa	4	0-45 Free, 45-58 Free	3.2	3.2s
449	145	0-39 DBr Fine SaL, 39-70 OrangeBr Fine LSa	4	0-39 Free, 39-70 Free	3.1	3.1s
448	146	0-42 Med Br Med LSa, 42-48 Br Med LSa	4	0-42 Free, 42-48 Free	3.2	3.2s

Land Interest	Point Count	Soil Description	Max Gradient (°)	Drainage Status	Existing LCA	Final LCA
449	147	0-39 Med Br Fine SaL, 39-70 Br Fine LSa	3	0-39 Free, 39-70 Free	3.1	3.1s
448	148	0-40 Med Br Fine LSa, 40-55 Br Med LSa, 55-66 OrangeBr Med Sa	4	0-40 Free, 40-55 Free, 55-66 Free	3.2	3.2s
449	149	0-42 Med Br Fine SaL, 42-80 LightBr Fine LSa	3	0-42 Free, 42-80 Free	3.1	3.1s
448	150	0-43 Med Br Fine LSa, 43-50 Br Fine LSa, 50-62 Br Fine LSa	3	0-43 Free, 43-50 Free, 50-62 Imperfectly with a few weak mottles	3.1	3.1s
448	151	0-49 Med Br Fine LSa, 49-60 Br Fine LSa, 60-61 OrangeBr Fine Sa	3	0-49 Free, 49-60 Free, 60-61 Free	3.1	3.1s
448	152	0-38 Br Fine LSa, 38-39 RedBr Fine LSa	4	0-38 Free, 38-39 Free	3.2	3.2s
448	153	0-35 Med Br Med LSa, 35-45 Br Med LSa	6	0-35 Free, 35-45 Free	3.2	3.2s
448	154	0-35 Med Br Fine LSa, 35-61 Br Fine LSa	3	0-35 Free, 35-61 Free	3.2	3.2s
448	155	0-35 Br Fine LSa, 35-36 RedBr Fine LSa	4	0-35 Free, 35-36 Free	3.2	3.2s
448	156	0-35 Br Fine LSa, 35-40 RedBr Fine LSa	4	0-35 Free, 35-40 Free	3.2	3.2s
448	157	0-35 Med Br Fine LSa, 35-42 OrangeBr Fine LSa	2	0-35 Free, 35-42 Free	3.2	3.2s
448	158	0-40 Med Br Fine LSa, 40-62 Br Fine LSa	3	0-40 Free, 40-62 Free	3.2	3.1s
448	159	0-35 Br Fine LSa, 35-45 LightBr Fine LSa	5	0-35 Free, 35-45 Free	3.2	3.2s
448	160	0-42 Br Fine LSa, 42-75 Br Fine LSa	3	0-42 Free, 42-75 Free	3.2	3.1s
448	161	0-39 Br Fine LSa, 39-42 LightBr Fine LSa	4	0-39 Free, 39-42 Free	3.2	3.2s
448	162	0-31 Br Fine LSa, 31-40 Br Fine LSa	5	0-31 Free, 31-40 Free	3.2	3.2s
448	163	0-48 Br Fine LSa, 48-60 Br Fine LSa, 60-65 RedBr Fine LSa	1	0-48 Free, 48-60 Free, 60-65 Free	3.2	3.2s
448	164	0-50 Br Fine LSa, 50-70 RedBr Fine LSa,	1	0-50 Free, 50-70 Free	3.2	3.2s
448	165	0-30 Br Fine LSa, 30+ Br Fine LSa	3	0-30 Free, 30+ Free	3.2	3.2s
448	166	0-42 Br Fine LSa, 42-70 Br Fine LSa, 70-82 LightBr Fine Sa	3	0-42 Free, 42-70 Free, 70-82 Imperfectly with a few weak mottles	3.2	3.2s
448	167	0-33 Br Fine LSa, 33-43 RedBr Fine LSa	2	0-33 Free, 33-43 Free	3.2	3.2s
448	168	0-33 Br Fine LSa, 33-40 RedBr Fine LSa, 40+ RedBr Med Sa	1	0-33 Free, 33-40 Free, 40+ Free	3.2	3.2s
330	169	0-29 Br LSa, 29-36 OrangeBr Fine Sa	2	0-29 Free, 29-36 Free	3.2	3.2s
330	170	0-28 Br LSa, 28-40 OrangeBr Fine Sa	3	0-28 Free, 28-40 Free	3.2	3.2s
330	171	0-38 Br LSa, 38-44 LightBr Fine Sa	5	0-38 Free, 38-44 Free	3.2	3.2s

Land Interest	Point Count	Soil Description	Max Gradient (°)	Drainage Status	Existing LCA	Final LCA
330	172	0-48 Br LSa, 48-55 OrangeBr Fine Sa	3	0-48 Free, 48-55 Free	3.2	3.2s
330	173	0-41 Br LSa, 41-47 OrangeBr Fine Sa	3	0-41 Free, 41-47 Free	3.2	3.2s
304	174	0-32 Br LSa, 32-33 OrangeBr Fine Sa	4	0-32 Free, 32-33 Free	3.2	3.2s
304	175	0-55 Br Fine LSa, 55-61 LightBr Fine LSa	2	0-55 Free, 55-61 Free	3.2	3.1s
304	176	0-39 Br Fine LSa, 39-43 Br Fine LSa	3	0-39 Free, 39-43 Free	3.2	3.2s
304	177	0-32Br SaL	1	0-32 Free	3.2	3.2s
330	178	0-29 Br LSa, 29-43 OrangeBr Med Sa	3	0-29 Free, 29-43 Free	3.2	3.2s
304	179	0-41 Br LSa	3	0-41 Free	3.2	3.2s
304	180	0-46 Br LSa	3	0-46 Free	3.2	3.2s
330	181	0-35 Br LSa, 35-38 DarkBr LSa	3	0-35 Free, 35-38 Free	4.1	3.2s
304	182	0-43 Br LSa	3	0-43 Free	3.2	3.2s
304	183	0-41 Br LSa	3	0-41 Free	3.2	3.2s
304	184	0-43 Br LSa	4	0-43 Free	3.2	3.2s
304	185	0-100 Black Peat	1	0-100 Poor	3.2	5.1
304	186	0-29 Br LSa	5	0-29 Free	3.2	4.1s
304	187	0-23 Br Coarse LSa, 23-25 Br C LSa	6	0-23 Free, 23-25 Free	5.3	4.1s
304	188	0-36 Br LSa	3	0-36 Free	3.2	4.1s
304	189	0-32 Br LSa	5	0-32 Free	3.2	4.1s
293	190	0-33 DarkBr Fine SaL, 33-37 Br Fine LSa	5	0-33 Free, 33-37 Free	3.2	3.2s
293	191	0-37 DarkBr Fine LSa, 37-39 RedBr Coarse Sa	5	0-37 Free, 37-39 Free	3.2	3.2s
293	192	0-30 Black Peat, 30-48 GreyBr Med Sa, 48-60 GreyBr Med Sa	5	0-30 Impeded, 30-48 Free, 48-60 Imperfectly with a few weak mottles	5.3	4.2w
293	193	0-43 DarkBr Peat, 43-60 GreyBr SiCIL	3	0-43 Poor, 43-60 Poor	5.3	5.3w
293	194	0-40 Black Peat, 40-80 Br Peat	4	0-40 Poor, 40-80 Poor	5.3	5.3w
293	195	0-85 DarkBr Peat	4	0-85 Poor	5.3	5.3w
293	196	0-28 DarkBr Fine LSa, 28-41 RedBr Fine Sa	6	0-28 Free, 28-41	3.2	3.2s

Land Interest	Point Count	Soil Description	Max Gradient (°)	Drainage Status	Existing LCA	Final LCA
293	197	0-60 DarkBr Peat, 60-75 Br Peat	4	0-60 Poor, 60-75 Poor	5.3	5.3w
293	198	0-18 Br Med LSa, 18-22 Br Peat, 22+ Br Med Sa	4	0-18 Free, 18-22 Free, 22+ Free	5.3	4.2
113	199	0-43 Br Fine LSa, 43-55 YellowBr Med Sa, 55-65 YellowBr Med Sa	5	0-43 Free, 43-55 Free, 55-65 Free	2	2
293	200	0-20 Red Br Med LSa, 20-25 RedBr Med LSa	3	0-20 Free, 20-25 Free	3.2	3.2s
293	201	0-27 Br Med LSa, 27-48 LightBr Med Sa, 48+ LightBr Med Sa	3	0-27 Free, 27-48 Free, 48+ Free	5.3	3.2s
554	202	0-16 Br SaSiL, 16-65 GreyBr Fine LSa	3	0-16 Free, 16-65 Impeded	3.2	4.2s
293	203	0-100 DarkBr Peat	3	0-100 Poor	5.3	5.3w
444	204	0-34 Br SaL, 34-52 GreyBr LSa	5	0-34 Free, 34-52 Impeded	5.3	3.2w
554	205	0-20 Br SaL, 20-32 LightBr LSa	15	0-20 Free, 20-32	5.3	4.2g
444	206	0-32 Br LSa, 32-41 OrangeBr Coarse Sa	8	0-32 Free, 32-41 Impeded	3.2	3.2s
444	207	0-21 Br LSa, 21-33 Br LSa	15	0-21 Free, 21-33 Free	5.3	4.2g
444	208	0-36 Br LSa,	11	0-36 Free	4.1	3.2s
293	209	0-100 Black Peat	1	0-100 Poor	5.3	5.3w
444	210	0-35 Br LSa, 35-60 OrangeBr Fine Sa	7	0-35 Free, 35-60 Free	4.1	3.2s
287	211	0-90 Black Peat	2	0-90 Poor	5.3	5.3w
287	212	0-25 Br Fine LSa	18	0-25 Free	4.1/5.3	5.1g
444	213	0-33 Br Fine LSa, 33+ Br Fine LSa	5	0-33 Free, 33+ Free	4.1	4.1e
444	214	0-35 DarkBr Fine LSa, 35-48 RedBr Med Sa	11	0-35 Free, 35-48 Free	4.1	4.1e
444	215	0-44 Br LSa, 44-57 OrangeBr Coarse Sa	3	0-44 Free, 44-57 Free	3.2	3.2s
444	216	0-32 Br LSa, 32-55 LightBr Coarse Sa	3	0-32 Free, 32-55 Free	3.2	3.2s
287	217	0-34 Br Fine LSa, 34-40 YellowBr Fine Sa	6	0-34 Free, 34-40 Free	5.3	3.2s
213	218	0-35 DarkBr SaL, 35-38 Br Sa	1	0-35 Impeded, 35-38 Impeded	3.2	3.2w
213	219	0-32 DarkBr SaL, 32-56 LightBr Fine LSa	1	0-32 Free, 32-56 Impeded	4.2	3.2s
213	220	0-14 Br SaL, 14-47 LightBr Fine Sa	8	0-14 Free, 14-47 Impeded	4.2	4.2s
213	221	0-28 Br SaL, 28-57 LightBr Fine LSa	11	0-28 Free, 28-57 Impeded	4.2	3.2ws
550	222	0-30 Br LSa, 31+ OrangeBr Coarse Sa	3	0-30 Free, 31+ Free	4.2	4.1s

Land Interest	Point Count	Soil Description	Max Gradient (°)	Drainage Status	Existing LCA	Final LCA
550	223	0-34 Br LSa, 34-41 OrangeBr Coarse Sa	1	0-34 Free, 34-41 Free	3.2	3.2s
278	224	0-35 Br Fine LSa, 35-42 Br Fine LSa	2	0-35 Free, 35-42 Free	3.2	3.2s
278	225	0-39 DarkBr Fine LSa, 39-55 LightBr Fine LSa, 55-64 LightBr Fine Sa	7	0-39 Free, 39-55 Impeded, 55-64 Imperfectly with a few weak mottles	3.2	3.2w
550	226	0-28 Br Fine LSa, 28+ RedBr Med Sa	1	0-28 Free, 28+ Free	3.2	3.2s
550	227	0-33 Br Fine LSa, 33-38 RedBr Fine LSa	2	0-33 Free, 33-38 Free	3.2	3.2s
278	228	0-36 Br Fine LSa,	6	0-36 Free	3.2	3.2s
550	229	0-36 DarkBr Fine LSa, 36-38 RedBr Fine Sa	3	0-36 Free, 36-38 Free	3.2	3.2s
278	230	0-26 Br Fine LSa, 26-38 Br Fine Sa	3	0-26 Free, 26-38 Free	3.2	3.2s
550	231	0-28 Br LSa, 28-38 OrangeBr Coarse Sa	5	0-28 Free, 28-38 Free	3.2	4.1s
221	232	0-37 DarkBr Fine LSa, 37-45 OrangeBr Fine LSa, 45-67 OrangeBr Med Sa	2	0-37 Free, 37-45 Free, 45-67 Free	3.2	3.2s
221	233	0-38 Br Fine LSa,	2	0-38 Free	3.2	4.1s
278	234	0-39 Br Fine LSa, 39-67 YellowBr V-Fine LSa	3	0-39 Free, 39-67 Free	3.2	3.1s
550	235	0-35 Br LSa, 35-67 OrangeBr Fine Sa	1	0-35 Free, 35-67 Free	3.2	3.2s
221	236	0-37 Br Fine LSa, 37-46 OrangeBr Med Sa	2	0-37 Free, 37-46 Free	3.2	3.2s
221	237	0-35 Br Fine LSa, 35-59 OrangeBr Med Sa	2	0-35 Free, 35-59 Free	3.2	3.2s
221	238	0-42 Br Fine LSa, 42-47 OrangeBr Med Sa	4	0-42 Free, 42-47 Free	3.2	3.2s
221	239	0-36 Br Fine LSa, 36-61 LightBr Fine Sa	2	0-36 Free, 36-61 Free	3.2	3.1s
221	240	0-32 Br Fine LSa, 32-45 YellowBr Med Sa, 45-52 YellowBr Med Sa	2	0-32 Free, 32-45 Free, 45-52 Free	3.2	3.1s
221	241	0-30 Br Fine LSa, 30-50 YellowBr Med Sa	2	0-30 Free, 30-50 Free	3.2	3.2s
221	242	0-42 DarkBr Fine LSa, 42-62 LightBr Med Sa	2	0-42 Free, 42-62 Free	3.2	3.2s
221	243	0-33 Br Fine SaL, 33-63 YellowBr V-Fine Sa	3	0-33 Free, 33-63 Free	3.1	3.1s
221	244	0-39 Br Fine SaL, 39-52 YellowBr V-Fine Sa, 52-65 YellowBr V-Fine Sa	1	0-39 Free, 39-52 Free, 52-65 Free	3.1	2
221	245	0-29 Br Fine SaL, 29-44 YellowBr V-Fine Sa, 44-48 YellowBr V-Fine Sa	2	0-29 Free, 29-44 Free, 44-48 Free	3.1	2

Land Interest	Point Count	Soil Description	Max Gradient (°)	Drainage Status	Existing LCA	Final LCA
221	246	0-49 Br Fine SaL, 49-65 YellowBr Med Sa	1	0-49 Free, 49-65 Free	3.1	3.1s
221	247	0-38 Br Fine SaL, 38-66 YellowBr Sa	1	0-38 Free, 38-66 Free	3.1	3.1s
221	248	0-35 Br V-Fine SaL,35-78 OrangeBr Med Sa	1	0-35 Free, 35-78 Free	3.1	3.1s
221	249	0-35 Br V-Fine SaL,35-76 OrangeBr, Med Sa	2	0-35 Free, 35-76 Free	3.1	3.1s
221	250	0-48 Br Fine SaL, 48-64 OrangeBr Fine LSa	2	0-48 Free, 48-64 Free	3.1	3.1s
221	251	0-65 Br V-Fine LSa, 65-75 OrangeBr Med Sa	1	0-65 Free, 65-75 Free	3.1	3.1s
219	252	0-33 DarkBr Med LSa, 33-68 YellowBr Med Sa	1	0-33 Free, 33-68 Free	4.2	3.2s
192	253	0-65 Br Fine LSa, 65-82 RedBr Med Sa	4	0-65 Free, 65-82 Free	3.2	3.1s
219	254	0-40 Dark Br Fine LSa, 40-76 LightBr Fine Sa	1	0-40 Free, 40-76 Free	4.2	3.2s
219	255	0-38 Dark Br Fine LSa, 38-78 YellowBr Med Sa	1	0-38 Free, 38-78 Free	4.2	3.1s
219	256	0-51 Dark Br Fine LSa, 51-84 YellowBr Med Sa	2	0-51 Free, 51-84 Free	4.1	3.1s
221	257	0-44 Br V-Fine LSa, 44-88 YellowBr V-Fine LSa	5	0-44 Free, 44-88 Free	3.1/4.1	3.1s
219	258	0-33 Br Fine LSa, 33-57 YellowBr Fine LSa, 57-66 RedBr Fine Sa	1	0-33 Free, 33-57 Free, 57-66 Free	4.1	3.2s
219	259	0-41 DarkBr Fine LSa, 41-70 YellowBr Fine Sa	2	0-41 Free, 41-70 Free	3.1/4.1	3.1s
219	260	0-31 Br Fine LSa, 31-70 YellowBr Med Sa	1	0-31 Free, 31-70 Free	4.2	3.2s
221	261	0-36 DarkBr Fine SaL, 36-49 OrangeBr Fine LSa	2	0-36 Free, 36-49 Free	4.1	3.2s
219	262	0-35 DarkBr Fine LSa, 35-53 YellowBr Med Sa, 53-77 YellowBr V-Fine Sa	1	0-35 Free, 35-53 Free, 53-77 Imperfectly with a few weak mottles	4.1	3.2s
219	263	0-45 DarkBr LSa, 45-70 OrangeBr Fine Sa	3	0-45 Free, 45-70 Free	4.1	3.1s
219	264	0-39 DarkBr LSa, 39-61 OrangeBr Coarse Sa	3	0-39 Free, 39-61 Free	3.2	3.1s
219	265	0-36 DarkBr Fine LSa, 36-65 YellowBr Coarse Sa, 65-76 YellowBr Coarse Sa	3	0-36 Free, 36-65 Free, 65-76 Free	4.1	3.1s
219	266	0-36 DarkBr LSa, 36-62 OrangeBr Coarse Sa	3	0-36 Free, 36-62 Free	3.2	3.1s
219	267	0-36 DarkBr LSa, 36-69 OrangeBr Coarse Sa	3	0-36 Free, 36-69 Free	3.2	3.1s
219	268	0-31 DarkBr LSa, 31-66 Br Fine Sa	3	0-31 Free, 31-66 Free	3.2	3.2s
220	269	0-38Br Fine LSa, 38-57 RedBr Fine Sa	2	0-38 Free, 38-57 Free	3.2	3.2s
219	270	0-38 DarkBr LSa, 38-65 OrangeBr Fine Sa	4	0-38 Free, 38-65 Free	3.2	3.1s

Land Interest	Point Count	Soil Description	Max Gradient (°)	Drainage Status	Existing LCA	Final LCA
219	271	0-47 DarkBr LSa, 47-57 Br Fine Sa, 57-68 OrangeBr Med Sa	3	0-47 Free, 47-57 Free, 57-68 Free	3.2	3.1s
220	272	0-29 Br Fine LSa, 29-57 YellowBr Fine Sa	2	0-29 Free, 29-57 Free	3.2	3.2s
219	273	0-34 Br LSa, 34-63 OrangeBr Med Sa	3	0-34 Free, 34-63 Free	3.2	3.2s
219	274	0-36 DarkBr Fine LSa, 36-70 YellowBr Med Sa	2	0-36 Free, 36-70 Free	2	3.1s
219	275	0-31 Br LSa, 31-60 OrangeBr Fine Sa	3	0-31 Free, 31-60 Free	3.2	3.2s
219	276	0-26 Br LSa, 26-42 Br Fine Sa	5	0-26 Free, 26-42 Free	3.1	3.2s
219	277	0-36 DarkBr Fine LSa, 36-60 YellowBr Med Sa	1	0-36 Free, 36-60 Free	3.2	3.1s
219	278	0-41Br LSa, 41-61 OrangeBr Fine Sa	3	0-41 Free, 41-61 Free	3.2	3.1s
219	279	0-40 Br LSa, 40-58 Br Fine LSa, 58-74 YellowBr Fine Sa	3	0-40 Free, 40-58 Free, 58-70 Free	3.2	3.1s
219	280	0-39 Br LSa, 39-77 Br Fine Sa	5	0-39 Free, 39-77 Free	3.2	3.1s
219	281	0-44 DarkBr LSa, 44-59 YellowBr Med Sa	4	0-44 Free, 44-59 Free	3.2	3.1s
219	282	0-51 Br LSa, 51-59 LightBr LSa, 59-80 LightBr LSa	3	0-51 Free, 51-59 Free, 59-80 Free	2	3.1s
219	283	0-64 Br Fine LSa, 64-78 Br Fine LSa	3	0-64 Free, 64-78 Free	2	2
219	284	0-56 Br LSa, 56-78 LightBr Fine Sa	3	0-56 Free, 56-78 Free	3.2	3.1s
217	285	0-55 DarkBr Fine LSa, 55-80 YellowBr Med Sa	3	0-55 Free, 55-80 Free	2/3.2	3.1s
219	286	0-63 Br LSa, 63-90 LightBr Fine LSa	3	0-63 Free, 63-90 Free	2	3.1s
219	287	0-48 DarkBr Fine LSa, 48-58 Br Fine LSa, 58-74 YellowBr Fine Sa	3	0-48 Free, 48-58 Free, 58-74 Free	2-3.2	3.1s
217	288	0-45 DarkBr Fine LSa, 45-74 YellowBr Fine Sa	2	0-45 Free, 45-74 Free	2/3.2	3.1s
219	289	0-32 Br LSa, 32-56 OrangeBr Fine Sa	8	0-32 Free, 32-56 Free	2	3.2sg
191	290	0-41 DarkBr SaL, 41-45 Br LSa	1	0-41 Free, 41-45 Free	2	3.2s
191	291	0-34 Br SaL	1	0-34 Free	3.2	3.2s
191	292	0-27 DarkBr SaL	3	0-27 Free	3.2	3.2s
191	293	0-43 Br LSa, 43-55 Br LSa, 55-70 OrangeBr Med Sa	1	0-43 Free, 43-55 Free, 55-70 Free	3.2	3.1s
191	294	0-33 DarkBr LSa, 33-61 Br Coarse Sa	3	0-33 Free, 33-61 Free	3.2	3.2s
609	295	0-41 Br Fine LSa, 41-77 RedBr Med Sa	3	0-41 Free, 41-77 Free	3.2	3.1s
609	296	0-31 Br Fine LSa, 31-66 RedBr Med Sa	1	0-31 Free, 31-66 Free	3.2	3.2s



Land Interest	Point Count	Soil Description	Max Gradient (°)	Drainage Status	Existing LCA	Final LCA
609	297	0-38 Br Fine LSa, 38-75 RedBr Med Sa	2	0-38 Free, 38-75 Free	3.2	3.1s
192	298	0-34 Br Fine LSa,	4	0-34 Free	3.2	3.2s
192	299	0-33 Br LSa, 33-64 OrangeBr Coarse Sa	3	0-33 Free, 33-64 Free	3.2	3.2s
192	300	0-26 Br LSa, 26-68 OrangeBr Coarse Sa	6	0-26 Free, 26-68 Free	3.2	3.2s
609	301	0-28 Br Fine LSa, 28-52 YellowBr Fine Sa	2	0-28 Free, 28-52 Free	3.2	3.2s
192	302	0-42 Br LSa, 42-75 OrangeBr Coarse Sa	4	0-42 Free, 42-75 Free	3.2	3.2s
43	303	0-37 DarkBr Med LSa, 37-51 OrangeBr Med LSa	2	0-37 Free, 37-51 Free	3.2	3.2s
609	304	0-36 Br Fine LSa, 36-48 YellowBr Med Sa	4	0-36 Free, 36-48 Free	3.2	3.2s
69	305	0-33 Br Fine LSa, 33-48 RedBr Fine Sa	6	0-33 Free, 33-48 Free	3.2	3.2s
43	306	0-39 Med Br Med LSa, 39-55 OrangeBr Med LSa, 55-65 OrangeBr Med Sa	2	0-39 Free, 39-55 Free, 55-65 Free	3.2	3.2s
43	307	0-35 Med Br Fine LSa, 35-48 OrangeBr Fine Sa	1	0-35 Free, 35-48 Free	3.2	3.2s
43	308	0-37 Med Br Med LSa, 37-42 OrangeBr Med LSa	1	0-37 Free, 37-42 Free	3.2	3.2s
43	309	0-37 Med Br Med LSa, 37-65 OrangeBr Med Sa	2	0-37 Free, 37-65 Free	3.2	3.2s
43	310	0-44 Med Br Fine LSa, 44-75 OrangeBr Fine Sa	3	0-44 Free, 44-75 Free	3.2	3.2s
43	311	0-31 Med Br Med LSa	7	0-31 Free	3.2	3.2se
43	312	0-37 Med Br Med LSa, 37-42 Br Med LSa	3	0-37 Free, 37-42 Free	3.2	3.2s
43	313	0-38 Med Br Med LSa, 38-44 OrangeBr Med LSa	2	0-38 Free, 38-44 Free	3.2	3.2s
143	314	0-35 Br Fine LSa, 35-48 YellowBr Fine Sa	5	0-35 Free, 35-48 Free	4.2	3.2s
143	315	0-31 Br Fine LSa, 31-64 YellowBr Med Sa	3	0-31 Free, 31-64 Free	3.2	3.2s
143	316	0-32 Br Fine LSa, 32-34 YellowBr Fine Sa	3	0-32 Free, 32-34 Free	3.2	3.2s
143	317	0-36 Br Fine LSa, 36+ RedBr Med Sa	2	0-36 Free, 36+ Free	3.2	3.2s
159	318	0-42 Br LSa, 42-64 LightBr Fine LSa	1	0-42 Free, 42-64 Free	3.2	3.1s
143	319	0-29 Br Fine LSa, 29-58 RedBr Fine Sa	6	0-29 Free, 29-58 Free	3.2	3.2s
143	320	0-25 Br Fine LSa	1	0-25 Free	3.2	4.1s
159	321	0-32 Br Fine LSa, 32-47 Br MedSa	3	0-32 Free, 32-47 Free	3.2	3.2s

Land Interest	Point Count	Soil Description	Max Gradient (°)	Drainage Status	Existing LCA	Final LCA
143	322	0-32 Br Fine LSa, 32-48 YellowBr Med Sa	5	0-32 Free, 32-48 Free	3.2	3.2s
159	323	0-45 Br Fine LSa, 45-52 RedBr Fine LSa, 52-62 RedBr Fine Sa	3	0-45 Free, 45-52 Free, 52-62 Free	4.1	3.1s
159	324	0-33 Br LSa, 33-45 OrangeBr LSa, 45-65 OrangeBr Med Sa	3	0-33 Free, 33-45 Free, 45-65 Free	3.2	3.2s
159	325	0-40 DarkBr LSa, 40-64 OrangeBr Med Sa	3	0-40 Free, 40-64 Free	3.2	3.2s
159	326	0-32 Br LSa, 32-75 OrangeBr MedSa	2	0-32 Free, 32-75 Free	3.2	3.2s
143	327	0-42 Br Fine LSa, 42-70 Br Fine LSa	11	0-42 Free, 42-70 Free	3.2	4.1se
159	328	0-35 Br LSa, 35-42 OrangeBr Coarse Sa	7	0-35 Free, 35-42 Free	3.2	3.2s
159	329	0-43 Br Fine LSa, 43-75 Br Fine Sa	5	0-43 Free, 43-75 Free	3.2	3.1s
159	330	0-34 Br LSa, 34-38 OrangeBr LSa	2	0-34 Free, 34-38 Free	3.2	3.2s
143	331	0-48 Br Fine LSa, 48-62 LightBr V-Fine Sa	2	0-48 Free, 48-62 Free	3.2	3.1s
159	332	0-32 Br SaL, 32-44 Br LSa, 44-70 LightBr SaSiL	3	0-32 Free, 32-44 Free, 44-70 Imperfectly with a few weak mottles	3.2	3.1s
159	333	0-28 Br LSa, 28-48 LightBr LSa	3	0-28 Free, 28-48 Free	3.2	3.2s
159	334	0-43 Br Fine LSa, 43-57 RedBr Fine Sa	2	0-43 Free, 43-57 Free	3.2	3.1s
159	335	0-33 Br LSa, 33-48 OrangeBr Fine LSa, 48-62 OrangeBr Fine Sa	5	0-33 Free, 33-48 Free, 48-62 Free	3.2	3.2s
159	336	0-37 Br LSa	7	0-37 Free	3.2	3.2s
159	337	0-37 Br Fine LSa, 37-55 RedBr Fine Sa	2	0-37 Free, 37-55 Free	3.2	3.2s
159	338	0-34 Br Fine LSa, 34+ RedBr Fine Sa	2	0-34 Free, 34+ Free	3.2	3.2s
159	339	0-28 Br LSa, 28-40 OrangeBr Fine Sa, 40-62 OrangeBr Coarse Sa	8	0-28 Free, 28-40 Free, 40-62 Free	3.2	3.2s
159	340	0-39 Br LSa	7	0-39 Free	3.2	3.2s
159	341	0-36 Br LSa, 36-53 Br LSa, 53-70 OrangeBr Fine Sa	7	0-36 Free, 36-53 Free, 53-70 Free	3.2	3.1s
113	342	0-30 Br LSa, 30-60 OrangeBr Fine Sa	7	0-30 Free, 30-60 Free	3.2	3.2s
113	343	0-45 Br LSa, 45-71 Br Fine Sa	7	0-45 Free, 45-71 Free	3.2	3.1s
113	344	0-37 Br LSa, 37-48 OrangeBr Fine Sa, 48-65 GreyBr Fine Sa	1	0-37 Free, 37-48 Impeded, 48-65 Poor, gleyed	4.2	3.2w
113	345	0-49 Br LSa, 49-56 Br Fine LSa	7	0-49 Free, 49-56 Impeded	4.2	3.1s
113	346	0-34 LightBr Fine LSa, 34-51 OrangeBr Med Sa	7	0-34 Free, 34-51 Free	4.2	3.2s

Land Interest	Point Count	Soil Description	Max Gradient (°)	Drainage Status	Existing LCA	Final LCA
113	347	0-32 Br LSa, 32-60 Br Fine LSa	8	0-32 Free, 32-60 Free	2	3.1s
113	348	0-35 Br LSa, 35-65 Br Fine LSa, 65-74 OrangeBr Fine Sa	5	0-35 Free, 35-65 Free, 65-74 Free	2	3.1s
113	349	0-38 Br LSa, 38-80 Br Fine LSa	3	0-38 Free, 38-80 Free	2	3.1s
113	350	0-37 Br Fine LSa, 37-67 Br Fine SaL	3	0-37 Free, 37-67 Free	2	3.1s
113	351	0-34 Br LSa, 34-63 Br Fine LSa	3	0-34 Free, 34-63 Free	2	3.1s
113	352	0-41 Br LSa, 41-62 Br Fine LSa	5	0-41 Free, 41-62 Free	2	3.1s
113	353	0-39 Br LSa, 39-83 YellowBr Coarse LSa	3	0-39 Free, 39-83 Free	2	3.1s
113	354	0-36 Br SaL, 36-53 OrangeBr LSa	10	0-36 Free, 36-53 Free	2	3.2s
113	355	0-41 Br SaL, 41-50 Br SaL, 50-64 GreyBr V-Fine Sa	3	0-41 Free, 41-50 Impeded, 50-64 Poor, gleyed	3.2	3.2s
113	356	0-39 Br LSa, 39-56 Br Fine Sa, 56-72 LightBr Fine Sa	8	0-39 Free, 39-56 Free, 56-72 Free	3.2	3.1s
113	357	0-35 Br Fine LSa, 35-80 GreyBr V-Fine SaL	6	0-35 Free, 35-80 Impeded	3.2/4.1	3.2w
113	358	0-37 Br Fine LSa, 37-70 RedBr SaL	6	0-37 Free, 37-70 Free	2	2
113	359	0-66 Br Fine LSa, 66-84 YellowBr Med SaL	6	0-66 Free, 66-84 Free	2	2
113	360	0-52 LightBr Fine LSa, 52-75 YellowBr V-Fine Sa	6	0-52 Free, 52-75 Free	3.2	3.1s
37	361	0-35 Br Fine SaL, 35-67 OrangeBr Fine SaL	5	0-35 Free, 35-67 Free	2	3.1s
29	362	0-33 Br SaL, 33-63 RedBr LSa	3	0-33 Free, 33-63 Free	3.2	3.1s
37	363	0-45 Br Fine SaL, 45-65 OrangeBr Fine SaL	5	0-45 Free, 45-65 Free	2/3.2	2
29	364	0-42 Br SaL, 42-69 RedBr SaL	2	0-42 Free, 42-69 Free	2	2
29	365	0-43 Br SaL, 43-68 RedBr SaL	3	0-43 Free, 43-68 Free	2	2
37	366	0-55 Br Fine SaL, 55-66 OrangeBr Fine SaL	3	0-55 Free, 55-66 Free	2	2
29	367	0-44 Br SaL, 44-61 Br LSa	3	0-44 Free, 44-61 Free	2	2
29	368	0-35 Br SaL, 35-48 OrangeBr SaL, 48-68 RedBr SaL	3	0-35 Free, 35-48 Free, 48-68 Free	2	3.1s
29	369	0-42 Br SaL, 42-80 Br SaL	3	0-42 Free, 42-80 Free	2	2
29	370	0-44 Br SaL, 44-66 Br LSa	6	0-44 Free, 44-66 Free	2	2
29	371	0-44 Br SaL, 44-62 Br LSa	5	0-44 Free, 44-62 Free	2	2

Land Interest	Point Count	Soil Description	Max Gradient (°)	Drainage Status	Existing LCA	Final LCA
29	372	0-36 Br SaL, 36-53 Br Fine LSa, 53-65 RedBr SaL	6	0-36 Free, 26-53 Free, 53-63 Free	2	3.1s
29	373	0-37 Br SaL, 37-48 Br LSa, 48-66 OrangeBr LSa	6	0-37 Free, 37-48 Free, 48-66 Free	2	3.1s
29	374	0-40 Br SaL, 40+ Br LSa	6	0-40 Free, 40+ Free	2	3.2s
29	375	0-33 Br LSa, 33-58 Br Med Sa	6	0-33 Free, 33-58 Free	2	3.1s
29	376	0-32 Br Fine LSa, 32-60 YellowBr Med Sa	3	0-32 Free, 32-60 Free	2	3.1s
20	377	0-39 Br SaL, 39-72 Br Fine LSa	2	0-39 Free, 39-72 Free	2	3.1s
29	378	0-33 Br Fine LSa, 33-68 YellowBr Med Sa	3	0-33 Free, 33-68 Free	3.2	3.2s
20	379	0-32 Br Fine LSa, 32-43 YellowBr Med Sa	5	0-32 Free, 32-43 Free	3.2	3.2s
29	380	0-26 Br Fine LSa, 26-48 YellowBr Fine Sa	2	0-26 Free, 26-48 Free	3.2	3.2s
29	381	0-33 Br Fine LSa, 33-70 YellowBr Med Sa	2	0-33 Free, 33-70 Free	3.2	3.2s
29	382	0-34 Br Fine LSa, 34-55 YellowBr Med Sa, 55-57 YellowBr Med Sa	2	0-34 Free, 34-55 Free, 55-57 Free	3.2	3.2s
27	383	0-34 Br Fine LSa, 34-45 YellowBr Fine Sa	3	0-34 Free, 34-45 Free	3.2	3.2s
29	384	0-31 Br Fine LSa, 31-50 Br Med Sa	2	0-31 Free, 31-50 Free	3.2	3.2s
20	385	0-30 Br Fine LSa, 30-38 RedBr Fine LSa, 38-70 RedBr Fine Sa	4	0-30 Free, 30-38 Free, 38-70 Free	3.2	3.2s
29	386	0-37 Br Fine LSa, 37-43 LightBr Fine Sa	2	0-37 Free, 37-43 Free	3.2	3.2s
20	387	0-30 Br Fine LSa, 30-52 YellowBr LSa	4	0-30 Free, 30-52 Free	3.2	3.2s
20	388	0-31 Br Fine LSa, 31-55 YellowBr Fine Sa	5	0-31 Free, 31-55 Free	3.2	3.2s
30	389	0-18 GreyBr Fine Sa, 18-76 YellowBr Med Sa	4	0-18 Free, 18-76 Free	3.2	4.2se
20	390	0-34 Br Fine LSa, 34-48 RedBr Fine Sa	8	0-34 Free, 34-48 Free	4.1	3.2s
10	391	0-32 Br Fine LSa, 32-46 RedBr Med Sa, 46+ RedBr Med Sa	2	0-32 Free, 32-46 Free	3.2/4.1	3.2s
10	392	0-35 Br Fine LSa, 35-53 YellowBr Med Sa	0	0-35 Free, 35-53 Free	3.2	3.2s
10	393	0-29 DarkBr Fine SaL, 29-44 LightBr Fine LSa	1	0-29 Free, 29-44 Free	3.2	3.2s
1	394	0-27 Br SaL, 27-37 RedBr LSa, 37-63 OrangeBr LSa	3	0-27 Free, 27-37 Impeded, 37-63 Imperfectly with a few weak mottles	3.2	3.2s
1	395	0-36 Br LSa, 36-40 OrangeBr LSa	2	0-36 Free, 36-40 Free	3.2	3.2s
1	396	0-20 DarkBr SaL, 20-35 OrangeBr LSa	2	0-20 Free, 20-35 Free	3.2	3.2s

Land Interest	Point Count	Soil Description	Max Gradient (°)	Drainage Status	Existing LCA	Final LCA
1	397	0-20 DarkBr SaL, 20-43 RedBr LSa	3	0-20 Free, 20-43 Impeded	3.2	3.2s
4	398	0-37 Black Fine LSa, 37-53 YellowBr Med Sa	3	0-37 Free, 37-53 Free	3.2	3.2s
1	399	0-36 Br LSa, 36-48 OrangeBr LSa	3	0-36 Free, 36-48 Free	3.2	3.2s
4	400	0-36 DarkBr Fine LSa, 36-56 YellowBr Med Sa	2	0-36 Free, 36-56 Free	3.2	3.2s
1	401	0-32 DarkBr SaL, 32-46 DarkBr LSa	3	0-32 Free, 32-46 Impeded	3.2	3.2s