

AGRICULTURAL LAND CLASSIFICATION  
HARROGATE LOCAL PLAN  
BOROUGHBRIDGE SITE 4  
JULY 1993

*ADAS*  
*Leeds Statutory Group*

*Job No: 31/93*

*BBalc4.doc.nmc2*

## SUMMARY

An Agricultural Land Classification survey of approximately 2.7 ha of land south of Boroughbridge was carried out in June 1993.

Agricultural land covers the southern part of the site and totals 1.3 ha. Soils are well drained (Wetness Class I) and consist of very slightly stony medium sandy loam topsoils over very slightly stony medium sandy loam and loamy medium sand upper subsoils, in turn over medium sand lower subsoils at or below 65cm depth. Soils are limited to Grade 2 by slight soil droughtiness.

Non-agricultural land covers the remaining northern part of the site, the land being used for a camping and touring caravan site.

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1. AGRICULTURAL LAND CLASSIFICATION

# AGRICULTURAL LAND CLASSIFICATION, HARROGATE LOCAL PLAN, BOROUGHBRIDGE SITE 4

## 1. INTRODUCTION AND SITE CHARACTERISTICS

### 1.1 Location and Survey Methods

The site is located 1km south of Boroughbridge and is centred on Grid Reference SE 394658. Survey work was carried out in June 1993 when soils were examined by hand auger borings at a density of two per hectare at points predetermined by the National Grid. Land Quality was assessed using the methods described in "Agricultural Land Classification of England and Wales: Revised criteria for grading the quality of agricultural land" (MAFF 1988).

### 1.2 Land Use and Relief

At the time of survey the southern part of the site was in permanent pasture, the remainder being non-agricultural, consisting of a touring caravan and camping site.

### 1.3 Climate (Common data set for all Boroughbridge sites)

Grid Reference (common point for all sites)	: SE 395 665
Altitude (m)	: 20
Accumulated Temperature above °C (January-June)	: 1379 day °C
Average Annual Rainfall (mm)	: 627
Climatic Grade	: 1
Field Capacity Days	: 148
Moisture Deficit (mm) Wheat	: 106
Moisture Deficit (mm) Potatoes	: 97

### 1.4 Geology, Soils and Drainage

The site is underlain by the Triassic Sherwood sandstone (Bunter) over which there is a layer of till. Soils consist of medium sandy loam topsoils over well drained (Wetness Class I) medium sandy loam, loamy medium sand and at depth medium sand subsoils.

## 2. AGRICULTURAL LAND CLASSIFICATION

The ALC grades occurring on this site are as follows:

<u>Grade/Subgrade</u>	<u>Hectares</u>	<u>Percentage of Total Area</u>
1		
2	1.3	48.2
3a		
3b		
4		
5		
(Sub Total)	(1.3)	(48.2)
Urban		
Non Agricultural	1.4	51.8
Woodland - Farm		
- Commercial		
Agricultural Buildings		
Open Water		
Land not surveyed		
(Sub Total)	(1.4)	(51.8)
<b><i>TOTAL</i></b>	<b><u>2.7</u></b>	<b><u>100</u></b>

## 2.1 Grade 2

Land in this grade covers the southern part of the site. Topsoils consist of very slightly stony medium sandy loam overlying well drained (Wetness Class I) very slightly stony medium sandy loam and loamy medium sand upper subsoils with medium sand subsoils at depth. This land is limited to Grade 2 by slight soil droughtiness.

## 2.2 Non-Agricultural

Non-agricultural land lies in the northern part of the site. It consists of a camping and touring caravan park.

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*MAP*