

**AGRICULTURAL LAND CLASSIFICATION
HARROGATE LOCAL PLAN
BOROUGHBRIDGE SITE 2
JULY 1993**

*ADAS
Leeds Statutory Group*

Job No: 29/93

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SUMMARY

An Agricultural Land Classification survey of approximately 4.7 ha of land north east of Boroughbridge was carried out in June 1993.

2.3 ha of this land is in agricultural use, all of which falls within Grade 2. Profiles are well drained (Wetness Class I) and consist of sandy loam topsoils over sandy loam or clay loam subsoils. Droughtiness is the main limiting factor restricting this area to Grade 2.

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1. AGRICULTURAL LAND CLASSIFICATION

AGRICULTURAL LAND CLASSIFICATION, HARROGATE LOCAL PLAN, BOROUGHBRIDGE SITE 2

1. INTRODUCTION AND SITE CHARACTERISTICS

1.1 Location and Survey Methods

The site is located north east of Boroughbridge and is centred on Grid Reference SE 398669. 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 48.9% of the site was in agricultural production, all of which was under permanent pasture. The remainder of the site is Non Agricultural land (a large garden, an embankment and a lightly wooded area of scrub). The site lies at 10m AOD and all agricultural land on the site is level.

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 Bunter sandstone which has been covered by alluvial deposits. Profiles are well drained (Wetness Class I) and consist of medium sandy loam topsoils over medium sandy loam medium clay loam or heavy clay loam 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	2.3	48.9
3a		
3b		
4		
5		
(Sub Total)	(2.3)	(48.9)
Urban		
Non Agricultural	2.4	51.1
Woodland - Farm		
- Commercial		
Agricultural Buildings		
Open Water		
Land not surveyed		
(Sub Total)	(2.4)	(51.1)
<i>TOTAL</i>	<u>4.7</u>	<u>100</u>

2.1 Grade 2

All agricultural land on this site falls within Grade 2. Profiles are well drained (Wetness Class I) and consist of very slightly stony medium sandy loam topsoils over very slightly stony medium sandy loam, medium clay loam or heavy clay loam subsoils. The land is limited to Grade 2 by slight droughtiness.

2.2 Non Agricultural

This consists of a large garden, an embankment and an area of scrub.

*RPT File: 2FCS 6324
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MAP