



AGRICULTURAL LAND CLASSIFICATION  
GRIMSBY LOCAL PLAN  
LAND AT GREAT COATES, GRIMSBY,  
HUMBERSIDE  
AUGUST 1994

ADAS  
Leeds Statutory Group

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## SUMMARY

A detailed Agricultural Land Classification survey of 1.5 ha of land at Great Coates, Grimsby, was carried out in August 1994.

All the land was graded 2. Soils were medium textured and a slight wetness restriction limited the grade of this land.

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1. AGRICULTURAL LAND CLASSIFICATION

AGRICULTURAL LAND CLASSIFICATION REPORT ON LAND AT GREAT COATES,  
GRIMSBY, HUMBERSIDE

1. INTRODUCTION AND SITE CHARACTERISTICS

1.1 Location and Survey Methods

The site lies 4km west of Grimsby town centre. It has a centroid grid reference of TA 233 099. Detailed survey work was carried out in August 1994 when soils were examined by hand auger borings at a density of 1 boring per hectare at locations predetermined by the National Grid. A soil pit was dug to examine the soil in greater detail. Land quality was assessed using the methods described in "Agricultural Land Classification of England and Wales: Revised guidelines and criteria for grading the quality of agricultural land" (MAFF 1988).

1.2 Land Use and Relief

At the time of survey all of the site was in grass. This site is level to gently sloping at an average altitude of 9 m AOD.

1.3 Climate

Grid Reference	: TA 233 099
Altitude (m)	: 9
Accumulated Temperature above 0°C	
(January - June)	: 1397 day °C
Average Annual Rainfall (mm)	: 611
Climatic Grade	: 1
Field Capacity Days	: 136
Moisture Deficit (mm) Wheat	: 112
Moisture Deficit (mm) Potatoes	: 105

#### 1.4 Geology, Soils and Drainage

Soils are all developed from chalky Boulder Clay deposits. Solid chalk bedrock is not exposed within 1 metre of the surface. Top and upper subsoils are medium clay loam over a clayey, slowly permeable lower subsoil. These soils fall within Wetness Class II and are moderately well drained.

## 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	1.5	100
3a		
3b		
4		
5		
(Sub total)	(1.5)	(100)
Urban		
Non Agricultural		
Woodland - Farm		
- Commercial		
Agricultural Buildings		
Open Water		
Land not surveyed		
(Sub total)		
 TOTAL	 <u>1.5</u>	 <u>100</u>

2.1 Grade 2

The whole site is graded 2. Topsoils and upper subsoils are medium clay loam and the lower subsoil is clayey and slowly permeable. These moderately well drained (Wetness Class II) soils are limited to grade 2 by a slight soil wetness restriction.



MAP