



AGRICULTURAL LAND CLASSIFICATION
SELBY ROAD, EGGBOROUGH,
NORTH YORKSHIRE
PROPOSED INDUSTRIAL DEVELOPMENT LAND
JULY 1993

ADAS
Leeds Statutory Group

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1. AGRICULTURAL LAND CLASSIFICATION

SUMMARY

An Agricultural Land Classification survey of approximately 43ha of land at Selby Road, Eggborough was carried out in June 1993. 98.4% of this is in agricultural use.

All agricultural land on the site (42.2ha) falls within Subgrade 3b. Soils within this subgrade consist of slightly stony medium sand or loamy medium sand topsoils over similar subsoils which may become very stony with increasing depth. This land is limited to Subgrade 3b by soil droughtiness. Urban land consisting of two hard surfaced tracks covers 0.7ha of the site.

AGRICULTURAL LAND CLASSIFICATION REPORT ON LAND AT SELBY ROAD,
EGGBOROUGH: PROPOSED INDUSTRIAL DEVELOPMENT

1. INTRODUCTION AND SITE CHARACTERISTICS

1.1 Location and Survey Methods

The site lies approximately 1km north of Eggborough on the A19 Selby Road around National Grid Reference SE 568245. It covers a total of 42.9ha, 42.2ha of which are in agricultural use.

Survey work was carried out in June 1993 when soils were examined by hand auger borings at 100m intervals pre-determined by the National Grid. Land quality was assessed using techniques outlined in "Agricultural Land Classification of England and Wales" (MAFF, 1988).

1.2 Land Use and Relief

At the time of the survey, 98.4% of the site was in agricultural use for cereals and sugar beet. The remainder consisted of two unmetalled farm tracks. The site lies at an altitude of 10 metres OD and is level to very gently sloping.

1.3 Climate

Grid Reference	: SE 568245
Altitude (m)	: 10
Accumulated Temperature above 0°C (January-June)	: 1404 day°C
Average Annual Rainfall (mm)	: 613
Climatic Grade	: 1
Field Capacity Days	: 128
Moisture Deficit (mm) Wheat	: 109
Moisture Deficit (mm) Potatoes	: 101

1.4 Geology, Soils and Drainage

The area is underlain by Bunter Sandstone over which there is a covering of glacial sand and gravel. Soils are light textured with slightly stony loamy medium sand or medium sand topsoils overlying similar, but stonier, subsoils. Soil profiles are well drained and fall within Wetness Class I.

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		
3a		
3b	42.2	98.4
4		
5		
(Sub total)	(42.2)	(98.4)
Urban	0.7	1.6
Non Agricultural		
Woodland - Farm		
- Commercial		
Agricultural Buildings		
Open Water		
Land not surveyed		
(Sub total)	(0.7)	(1.6)
TOTAL	42.9	100

2.1 Subgrade 3b

All agricultural land on the site falls within Subgrade 3b. Slightly stony, light textured topsoils, typically medium sand or loamy medium sand, overlie similar textured subsoils which become very stony with increasing depth. Soil profiles are well drained, falling within Wetness Class I. Severe soil droughtiness constitutes the major factor limiting this land to Subgrade 3b.

2.2 Urban

A small area is occupied by unmetalled farm tracks and is classified as being in urban use.

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MAP