

**AGRICULTURAL LAND CLASSIFICATION  
ALLERDALE DISTRICT WIDE LOCAL PLAN: SITE 3**

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**AGRICULTURAL LAND CLASSIFICATION REPORT FOR  
ALLERDALE DISTRICT WIDE LOCAL PLAN: SITE 3**

**1 SUMMARY**

1.1 The Agricultural Land Classification (ALC) Survey for this site shows that the following proportions of ALC grades are present:

Grade/Subgrade	ha	% of site
3a	1.0	100

1.2 The main limitation to the agricultural use of land in Subgrade 3a is soil wetness.

**2 INTRODUCTION**

2.1 The site was surveyed by the Resource Planning Team in March 1996. An Agricultural Land Classification survey was undertaken according to the guidelines laid down in the "Agricultural Land Classification of England and Wales - Revised Guidelines and Criteria for Grading the Quality of Agricultural Land" (MAFF 1988).

2.2 The 1.0 ha site is situated to the east of Silloth. The land immediately to the south and east of the site is predominantly in agricultural use. Land immediately to the north and west of the site is in urban use.

2.3 The survey was requested by MAFF in connection with the Allerdale District Wide Local Plan.

2.4 At MAFF Land Use Planning Unit's request this was a detailed grid survey at 1:10000 with a minimum auger boring density of 1 per hectare, additional borings were also carried out over the site. The attached map is only accurate at the base map scale and any enlargement would be misleading.

2.5 At the time of the survey the site was under permanent grass.

### **3 CLIMATE**

3.1 The following interpolated data are relevant for the site (NY114539) :

Average Annual Rainfall (mm)	895
Accumulated Temperature above 0°C January to June (day °C)	1383

3.2 There is no overall climatic limitation on the site.

3.3 Other relevant data for classifying land include:

Field Capacity Days (days)	219
Moisture Deficit Wheat (mm)	72
Moisture Deficit Potatoes (mm)	55

### **4 SITE**

4.1 Three site factors of gradient, micro relief and flooding are considered when classifying land.

4.2 These factors do not impose any limitations on the agricultural use of the land.

### **5 SOILS**

5.1 The soils have a clay loam texture over the site.

## 6 AGRICULTURAL LAND CLASSIFICATION

6.1 Subgrade 3a - occupies 1.0 ha (100%) of the survey area.

6.1.1 The soil typically has a clay loam texture overlying clay to depth. Observations of gleying and the depth to the slowly permeable layer place these soils in Wetness Class III.

6.1.2 The main limitation to the agricultural use of this land is soil wetness.

### 6.5 SUMMARY OF AGRICULTURAL LAND CLASSIFICATION GRADES

Grade/Sub-grade	Area in Hectares	% of Survey Area	% of Agricultural Land
3a	1.0	100	100
<b>Totals</b>	<b>1.0</b>	<b>100</b>	<b>100</b>