

**AGRICULTURAL LAND CLASSIFICATION
BROMSGROVE DISTRICT LOCAL PLAN - SITE 1358/1362 - BUNTSFORD HILL**

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ADAS Statutory Group
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**ADAS Ref: 25/RPT/0389
Job No: 108/94
MAFF Ref: EL 17/00089**

**AGRICULTURAL LAND CLASSIFICATION REPORT FOR
BROMSGROVE DISTRICT LOCAL PLAN - SITE 1358/136 - BUNTSFORD HILL**

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 |
|----------------|-----|-----------|
| 2 | 9.1 | 87 |
| 3b | 0.7 | 7 |
| Other land | | |
| Urban | 0.6 | 6 |

- 1.2 The main limitation to the agricultural use of land in Grade 2 and Subgrade 3b is soil wetness.

2 INTRODUCTION

- 2.1 The site was surveyed by the Resource Planning Team in January 1995. 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 10.4 ha site is situated to the south east of Bromsgrove. The north east boundary is formed by the A38 road, the western one by Buntsford Hill and the east one adjoins a Superstore. The short southern boundary adjoins agricultural land.
- 2.3 The survey was requested by MAFF in connection with the Bromsgrove District Local Plan.
- 2.4 At MAFF Land Use Planning Unit's request this was a detailed grid survey at 1:10000 scale with a minimum auger boring density of 1 per hectare. 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 stubble.

3 CLIMATE

3.1 The following interpolated data are relevant for the site (SJ 956685) :

| | |
|--|------|
| Average Annual Rainfall (mm) | 674 |
| Accumulated Temperature above 0°C January to June (day °C) | 1407 |

3.2 There is no overall climatic limitation on the site

3.3 Other relevant data for classifying land include:

| | |
|--------------------------------|-----|
| Field Capacity Days (days) | 154 |
| Moisture Deficit Wheat (mm) | 101 |
| Moisture Deficit Potatoes (mm) | 90 |

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 GEOLOGY AND SOILS

5.1 The solid geology of the area is comprised of Keuper Marl and Lower Keuper Sandstone - British Geological Survey Sheet 182 Droitwich 1:50000.

5.2 The underlying geology influences the soils which either have a medium clay loam or sandy clay loam texture.

6 AGRICULTURAL LAND CLASSIFICATION

6.1 Grade 2 - occupies 9.1 ha (87%) of the survey area.

6.1.1 The soils typically have either a sandy clay loam or medium clay loam texture overlying heavy clay loam and clay to depth. Observations of gleying and the depth to the slowly permeable layer place these soils in Wetness Class II. There are occasional profiles of Grade 1 quality land, but these are too scattered to map separately.

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

6.2 Subgrade 3b - occupies 0.7 ha (7%) of the survey area and is found on the northern side of Buntsford Hill House.

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

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

6.3 Other land includes houses classified as urban occupying 0.6 ha (6%) of the survey area.

6.4 SUMMARY OF AGRICULTURAL LAND CLASSIFICATION GRADES

| Grade/Sub-grade | Area in Hectares | % of Survey Area | % of Agricultural Land |
|-----------------|------------------|------------------|------------------------|
| 2 | 9.1 | 87 | 93 |
| 3b | 0.7 | 7 | 7 |
| Other land | | | |
| Urban | 0.6 | 6 | |
| Totals | 10.4 | 100 | 100 |

CARTOGRAPHIC WORK REQUEST FORM

DATE WORK SUBMITTED 23.1.95

NAME Bromsgrove District L.P. sites 1358/1362

JOB TITLE ↓

FILE No. 25/CP/0389 JOB No: 108/94

WORK RECORDING CODE MEIDC

IS THIS PART OF A SERIES i.e. Local Plan Y/N? Y

DATE/TIME REQUIRED 24.1.95 pm

DATE/TIME AREAS REQUIRED (where applicable) 24.1.95 3 pm.

MAP REFERENCE S0956685

SCALE 1:10000. GRID INTERVAL (m)

SIZE (A1, A3 etc.) COLOUR OR B/W

TO BE RETURNED TO RM

ALTERNATIVE CONTACT AS.

MAP TYPE AND NUMBER OF COPIES AFTER CHECKING

| | | | |
|----------------------|-------------------------------------|-------------------|--|
| FIELD SHEET/MAP BORE | | SOIL RESOURCE MAP | |
| ALC & AREAS | <input checked="" type="checkbox"/> | LOCATION MAP | |
| AUGER BORINGS & PITS | | OTHER | |

GRADES TO BE PLACED ON FOLIO SHEETS (Y/N) Y.

CHECKED BY AND READY FOR FINAL COPIES

CARTOGRAPHER(S) 1/2.

TIME TAKEN DATE RETURNED

AREA OF GRADES

| | | | | | |
|----------------|-------|-----------------|--------|------------|---|
| 1 | 2 9.1 | 3a | 3b 0.7 | 4 | 5 |
| URBAN | 0.6 | NON-AG | | WOOD | |
| AG. BLDNGS. | | WATER | | NOT SURVD. | |
| TOTAL AG. LAND | 9.8 | TOTAL SITE AREA | 10.4 | | |

COMMENTS