

AGRICULTURAL LAND CLASSIFICATION

Proposed Golf Course
at Colliery Farm
Little Houghton, Barnsley

MAFF
Leeds Regional Office

May 1991
Ref: 2FCS 5364

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slightly lighter textured subsoils. These profiles are free from any wetness limitation. They are, however, droughty to varying extents. Elsewhere soils are formed on weathering shales and mudstones. These have produced medium or heavy clay loam topsoils over clayey slowly permeable subsoils. Soil wetness and workability are both problems on land of this type. Restored soils occur in the western part of the site on the field around the Golf Driving Range. Here the land has been restored after previous mining activities. Soil profiles are stony, shallow, compacted and very poorly drained.

Agricultural Land Classification

Grade 2 (10.6 hectares, 23.4% of total area)

The grade 2 land contains very slightly stony sandy loam topsoils and upper subsoils. The lower subsoil often consists of loamy medium sand extending to about 100 cm depth. Slight droughtiness is the principal limiting factor on this land.

Subgrade 3a (16.6 hectares, 36.6% of total area)

Most of the 3a land is similar in character to that within Grade 2. Topsoils and subsoils tend, however, to be slightly stonier and rock often occurs at less than 100 cm depth. For these reasons these soils are more droughty and are limited to subgrade 3a for this reason. The remaining subgrade 3a land consists of medium clay loam topsoils over clayey slowly permeable subsoils (soil Wetness Class III). Soil wetness and workability are the limiting factors in this case.

Subgrade 3b (14.7 hectares, 32.4% of total area)

The 3b land in the southern part of the site is all limited by soil wetness and workability problems. Topsoils consist of heavy clay loam or heavy silty clay loam over a clayey slowly permeable subsoil. The 3b area towards the centre of the site contains light textured, shallow and stony soils which are limited to this subgrade by droughtiness.

Grade 4 (3.4 hectares, 7.5% of total area)

The small area of grade 4 land contains the restored soils which have a severe soil wetness problem.

Resource Planning Group
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