

AGRICULTURAL LAND CLASSIFICATION  
AND STATEMENT OF PHYSICAL CHARACTERISTICS

Proposed Quarry Extension at  
Swinescaif Road, South Cave,  
Humberside

MAFF  
Leeds Regional Office

August 1990  
Ref 2FCS 4997

lds.AL2.South.cve

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AGRICULTURAL LAND CLASSIFICATION

Subgrade 3b (      ha,      % of total area)

All the agricultural land is limited to subgrade 3b by droughtiness.

Non Agricultural (      ha,      % of total area)

Three separate strips of woodland are included in this category.

Resource Planning Group  
Leeds Regional Office  
August 1990

## STATEMENT OF PHYSICAL CHARACTERISTICS

One soil type occurs on the site, a description of which are given below. Topsoil and subsoil resources are shown on the accompanying maps along with soil depth and quantity information.

### TOPSOILS

The topsoil is a dark brown slightly stony medium silty clay loam with a well developed medium subangular blocky structure. This soil corresponds with unit T1 on the topsoil resource map.

### SUBSOILS

Usually a strong brown coloured fine sandy clay loam or medium clay loam with abundant small to large angular and subangular chalk and flint stones. The structure is well developed fine subangular blocky. The subsoil corresponds with unit S1 on the resource map.

SWINESCRAIF QUARRY

Soil Profile Description

Land Use        Cereals  
Slope            5° SW  
Weather         Recently very dry

Horizon (cm)

1.    0-26        Dark brown (7.5YR 4/2) unmottled; medium silty clay loam; slightly stony (10%) with common medium angular and subangular chalk stones; dry; well developed medium subangular blocky; moderately weak; common fine pores and fissures; common fine fibrous roots; clear wavy boundary.
  
2.    26-60        Strong brown (7.5YR 4/6) unmottled fine sandy clay loam; very stony (60%) with abundant small to large angular and subangular chalk stones; dry; well developed fine subangular blocky; friable; common fine pores and fissures; few fine fibrous roots; merges into weathering chalk at 60 cm.