




Agricultural Land Classification

MESSINGHAM QUARRY

Manton, North Lincolnshire
Extension to Existing Silica Sand Quarry

Legend

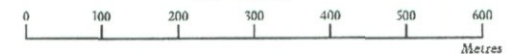
| | Quality | Area (ha) |
|---|--------------------------------|-----------|
| Grade 1 | Excellent | Nil |
| Grade 2 | Very Good | Nil |
| Grade 3a | Good | 6.4 |
| Grade 3b | Moderate | 36.8 |
| Grade 4 | Poor | Nil |
| Grade 5 | Very Poor | Nil |
|  | Agricultural land not surveyed | Nil |
|  | Other land | 2.0 |
|  | Boundary of survey area | |

Total agricultural land area 43.2

Total survey area 45.2

* Not present within survey area

Scale - 1:30,000



Further details contained in MAFF (1988) Agricultural Land Classification of England and Wales - Revised guidelines and criteria for grading the quality of agricultural land. MAFF (publications), London SE99 7TP. The information is accurate at base map scale but any enlargement would be misleading.

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Surveyed and drawn by the Resource Planning Team, FRCA, Leeds.

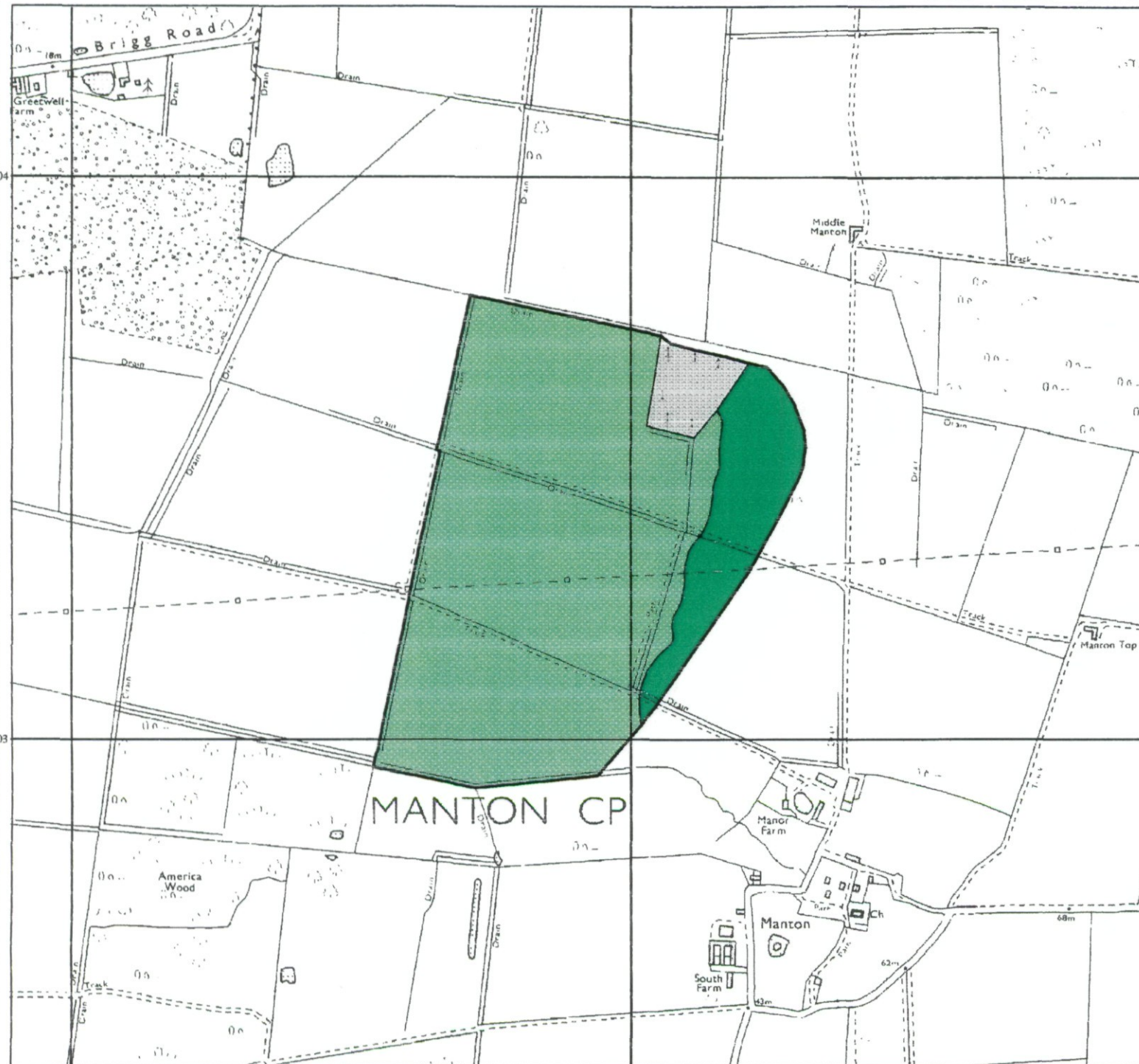
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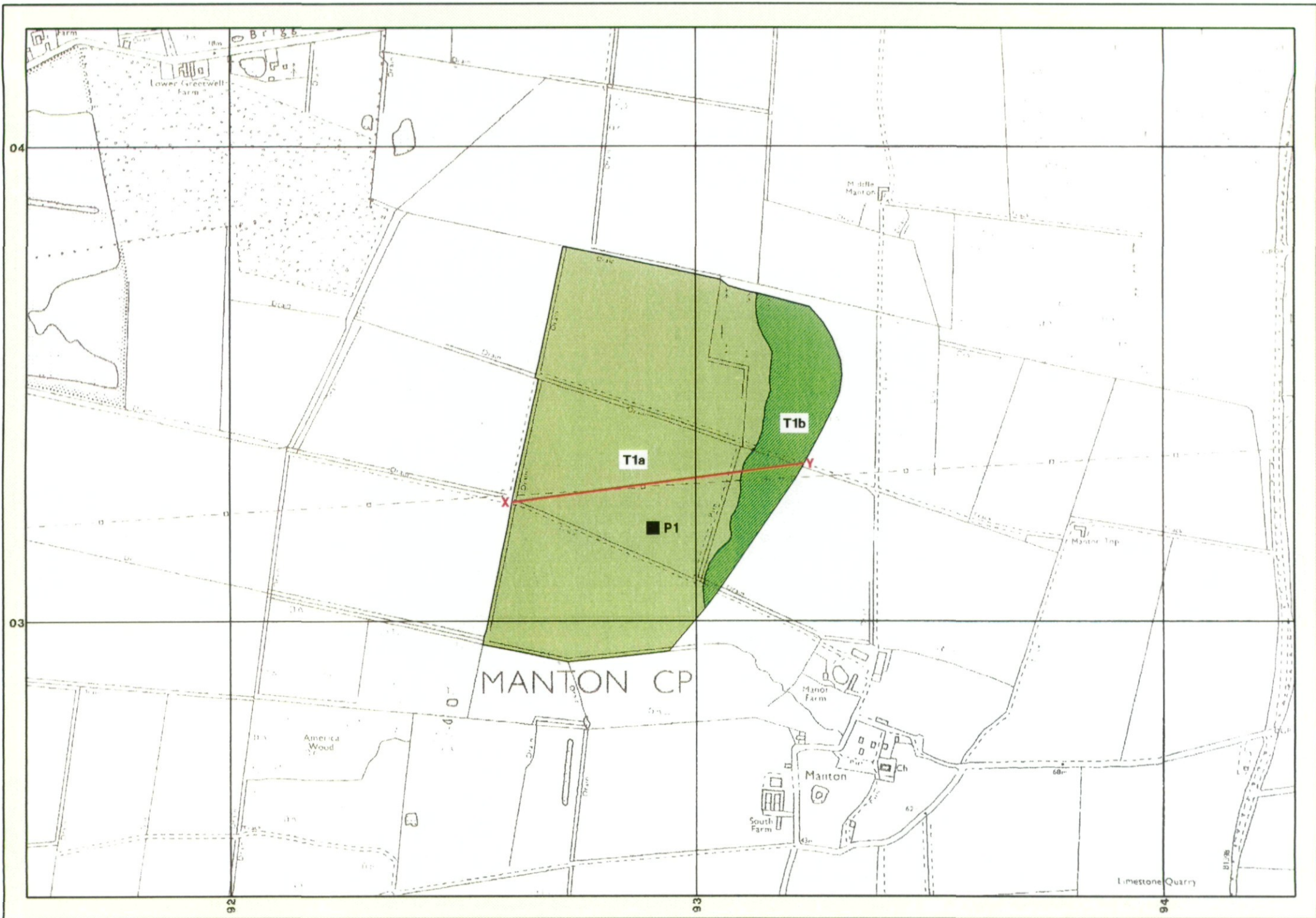
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Source map(s): SE90SW

Reference no: 9/79

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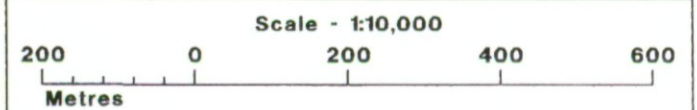
Topsoil Resource Map

| Unit | Soil Texture | Soil Thickness(cm.) | | | Area (ha) | Volume* (000m ³) |
|------|--------------|---------------------|------|-----|-----------|------------------------------|
| | | Min | Mean | Max | | |
| T1a | Very Light | 25 | 35 | 40 | 38.3 | 134.1 |
| T1b | Light | 25 | 35 | 35 | 6.9 | 24.2 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

* Volume at Mean Soil Thickness.

Soil Pits

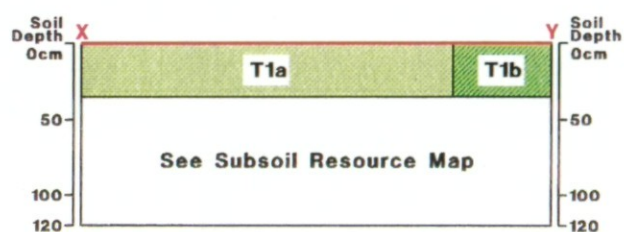
■ P1

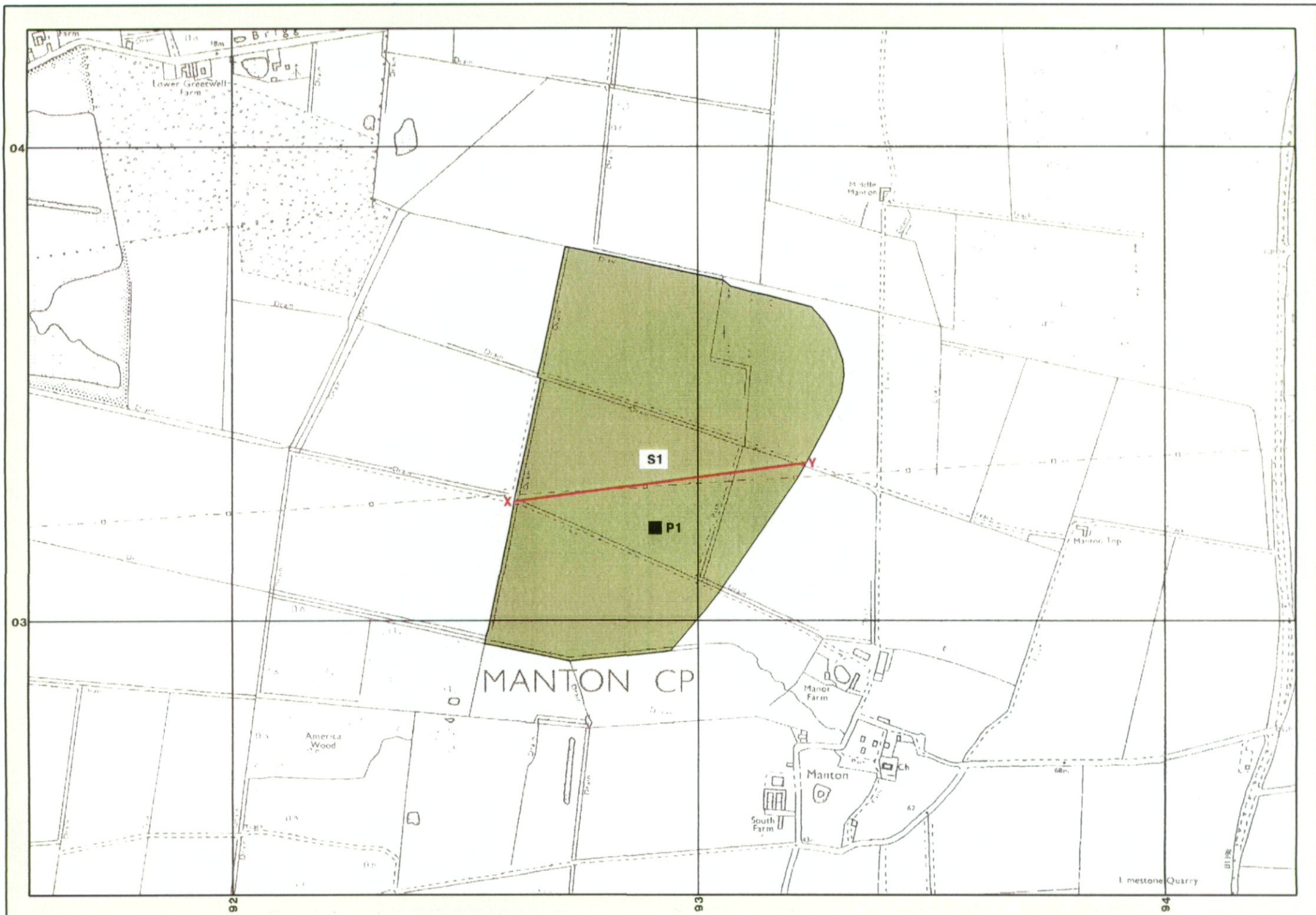


**Ministry of Agriculture,
Fisheries and Food.**

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Diagrammatic Section across Site





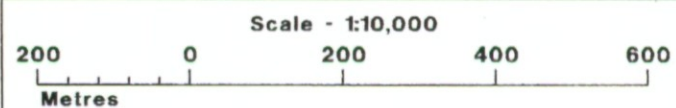
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Subsoil Resource Map

| Unit | Soil Texture | Mean Soil Thickness(cm.) | Area (ha) | Volume* (000m ³) |
|------|--------------|--------------------------|-----------|------------------------------|
| S1 | Very Light | 85 | 45.2 | 384.2 |
| | | | | |
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Soil Pits

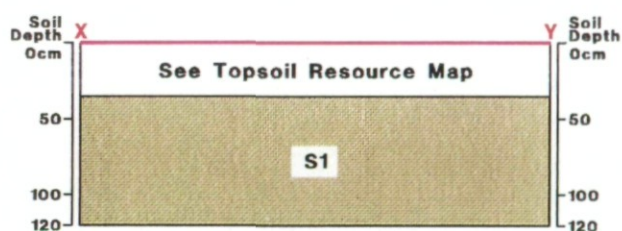
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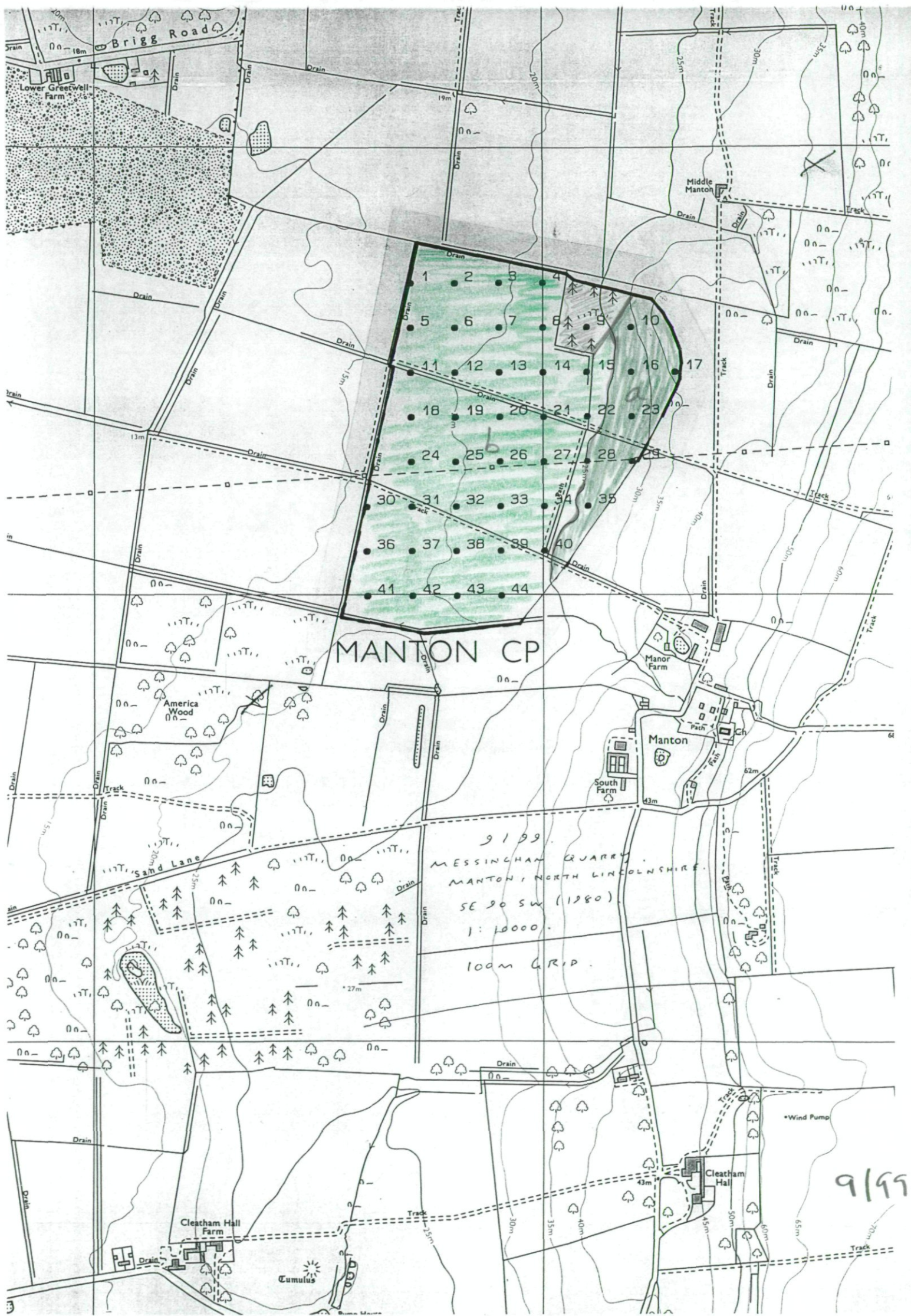


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Diagrammatic Section across Site





MANTON CP

9199
MESSINGHAM QUARRY
MANTON, NORTH LINCOLNSHIRE.
SE 20 SW (1980).
1:10000.
100m GRID.

9/99