

## Appendix IV

### Particle-size analysis

Particle-size analysis was undertaken for selected stratigraphical units at sites within the study region. Sediment samples were analysed using a Coulter Particle-size Analyser (see section 2.1.3.1 of the monograph). Output files from this analysis, including raw data and results of statistical analysis, were imported into Excel spreadsheets. These spreadsheets thus contain worksheets, which list the raw data and the results of the statistical analysis, and graphs of incremental and cumulative particle-size distributions. The spreadsheets are listed in Table 1, below.

Table 1: List of supplementary files containing results of particle-size analyses, with details of locality and explanatory tables and illustrations within the monograph.

<b>File</b>	<b>Site</b>	<b>Table</b>	<b>Illustration</b>
Flasks.xls	Nosterfield, The Flasks 69	Table 3.9	Fig. 3.5
Marfield.xls	Marfield MF1	Table 3.17	Fig. 3.9B
Sharow.xls	Sharow Mires SW1	Table 3.19	Fig. 3.11B
Ripon South 2M.xls	Ripon South 2M (Brown & Potter's Quarry)	Table 3.27	Plate 2.6
Ripon South 1 004-044.xls	Ripon South 1 (Brown & Potter's Quarry)	Table 3.26	Plate 2.6
Ripon South 1 049-089.xls	Ripon South 1 (Brown & Potter's Quarry)	Table 3.26	Plate 2.6
Ripon South 1 094-129.xls	Ripon South 1 (Brown & Potter's Quarry)	Table 3.26	Plate 2.6
Ripon South 1 134-174.xls	Ripon South 1 (Brown & Potter's Quarry)	Table 3.26	Plate 2.6
Ings Lane.xls	Ings Lane IL6 (Snape Mires)	Table 3.33	Plate 2.8c
Ings Plantation.xls	Ings Plantation IL12 (Snape Mires)	Table 3.37	Plate 2.8b
Snape.xls	Mill House MH1 (Snape Mires)	Table 3.41	Plate 2.8a
Gallop.xls	The Gallop TG2 (Snape Mires)	Table 3.48	Plate 2.8d

Notes: For each of the datasets, the first column in the worksheet entitled 'Data' lists the lower diameter (in microns) of each of the output channels for each analysis, the following columns listing the percentages of material in each of these channels for each of the analyses from the site. These are followed by a second set of columns that list cumulative data, calculated from the incremental data by addition. The data series are labelled by depth down each section, enabling the stratigraphical units analysed to be readily identified in the recorded stratigraphy. There is also a subsidiary workbook entitled 'Stats' that lists a summary of the statistics for each particle size analysis. The top right cell for each block of data identifies the raw data file output from each analysis run. The dataset for Ripon South 1 has been subdivided into depth ranges due to the large number of samples analysed.

The graphs of incremental and cumulative particle size distributions are derived from the values in the 'Data' worksheet. They are reproduced here as Figures 1–24.

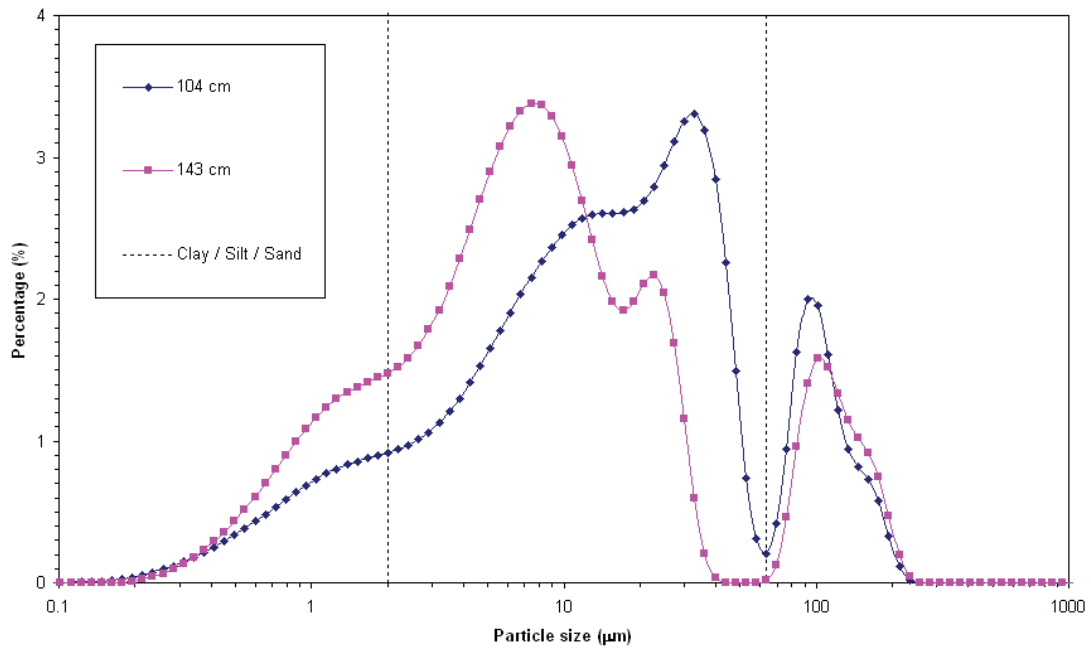


Figure 1: Particle-size distribution of samples from the Flasks 69, Nosterfield

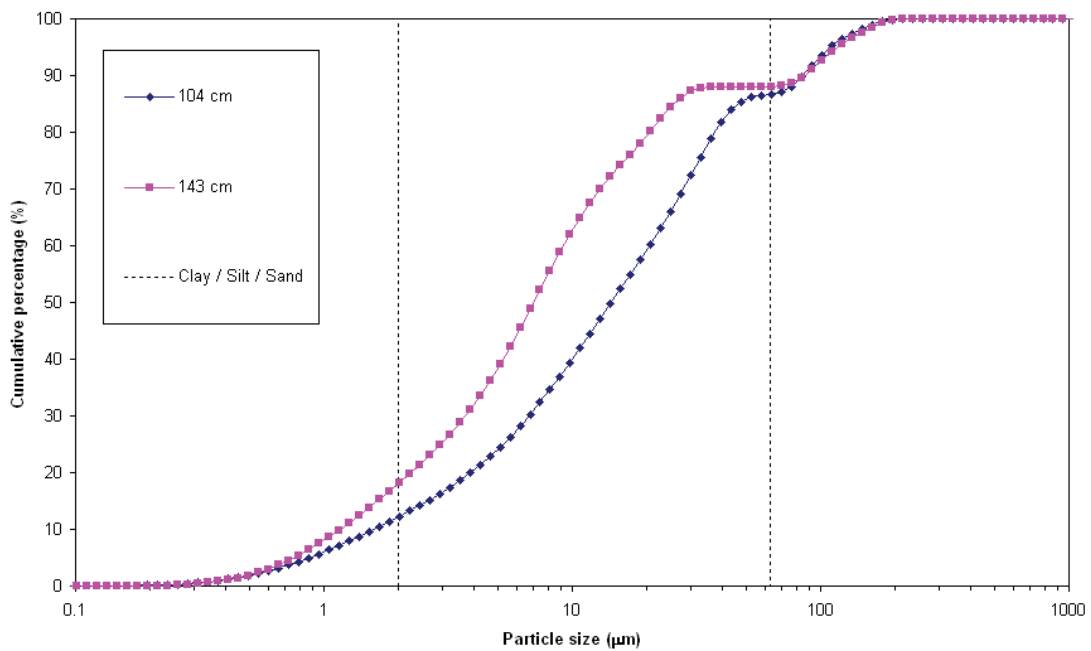


Figure 2: Cumulative particle-size distribution of samples from the Flasks 69, Nosterfield

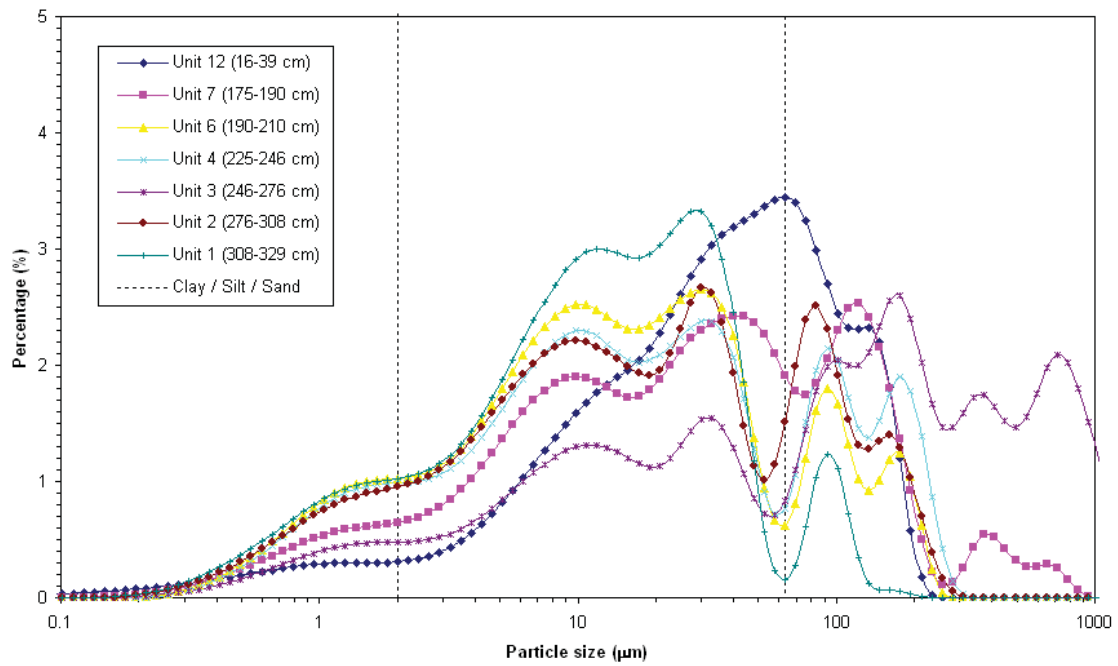


Figure 3: Particle-size distribution of samples from Marfield MF1

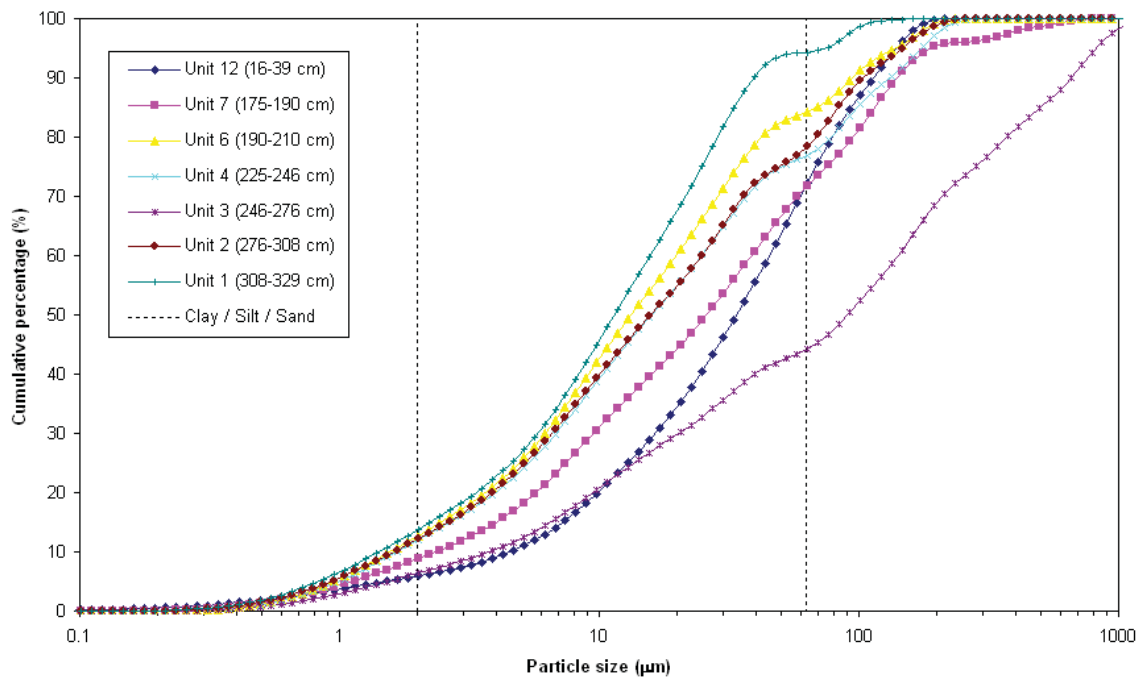


Figure 4: Cumulative particle-size distribution of samples from Marfield MF1

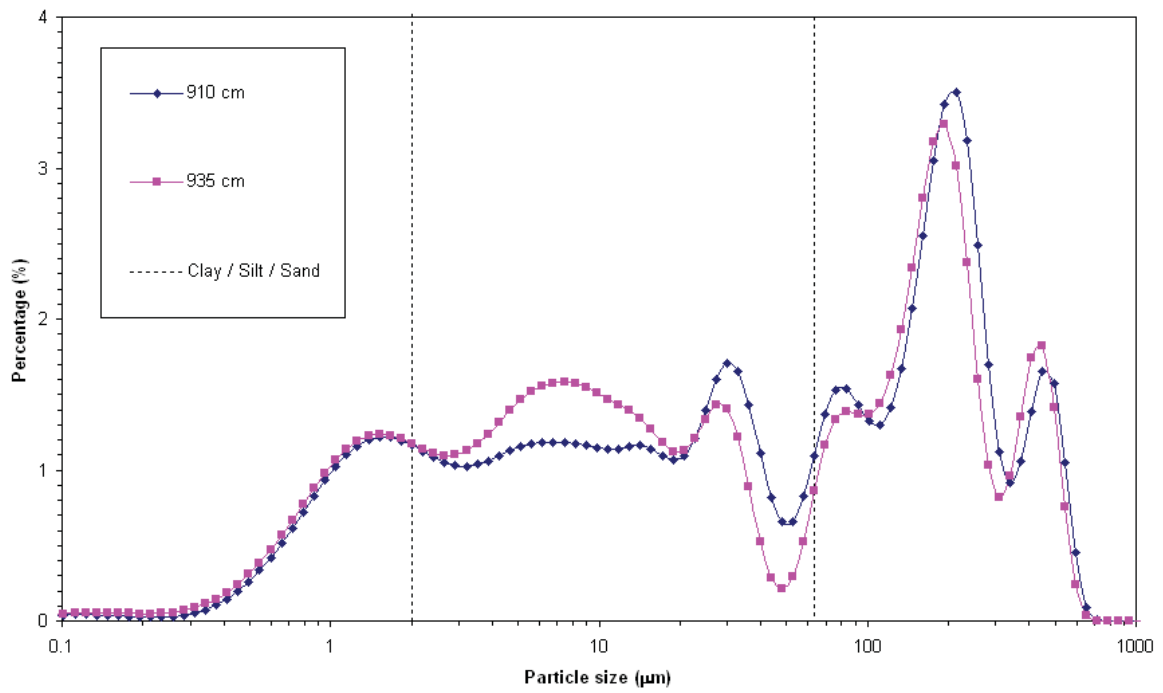


Figure 5: Particle-size distribution of samples from Sharow Mires SW1

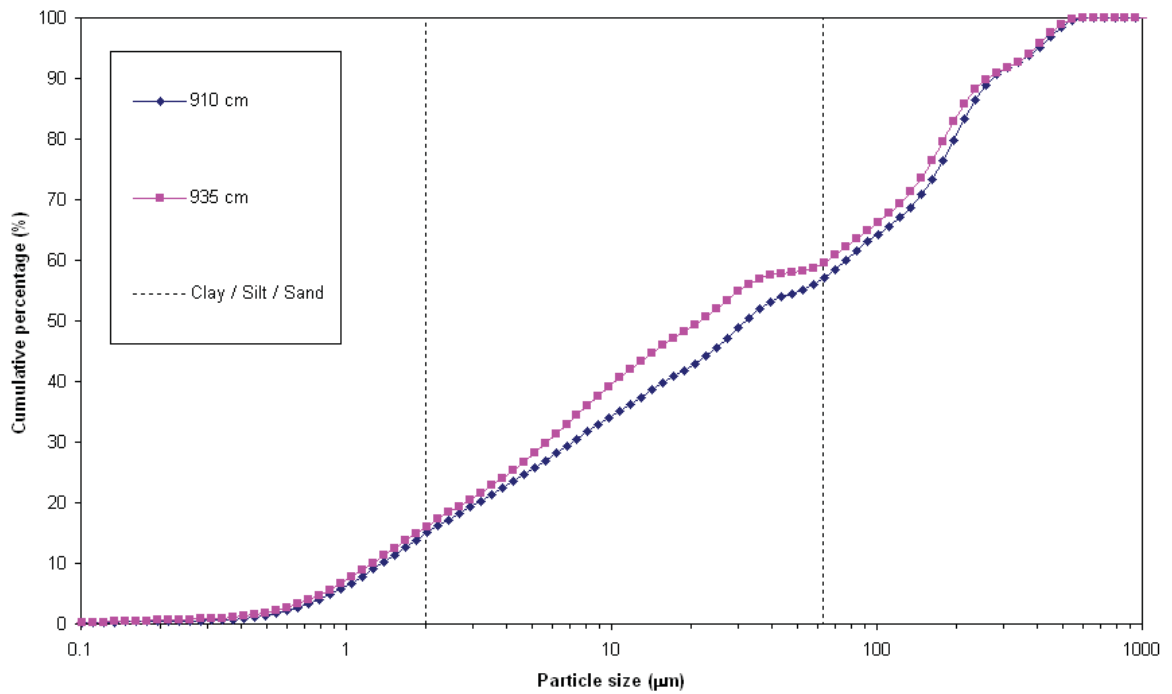


Figure 6: Cumulative particle-size distribution of samples from Sharow Mires SW1

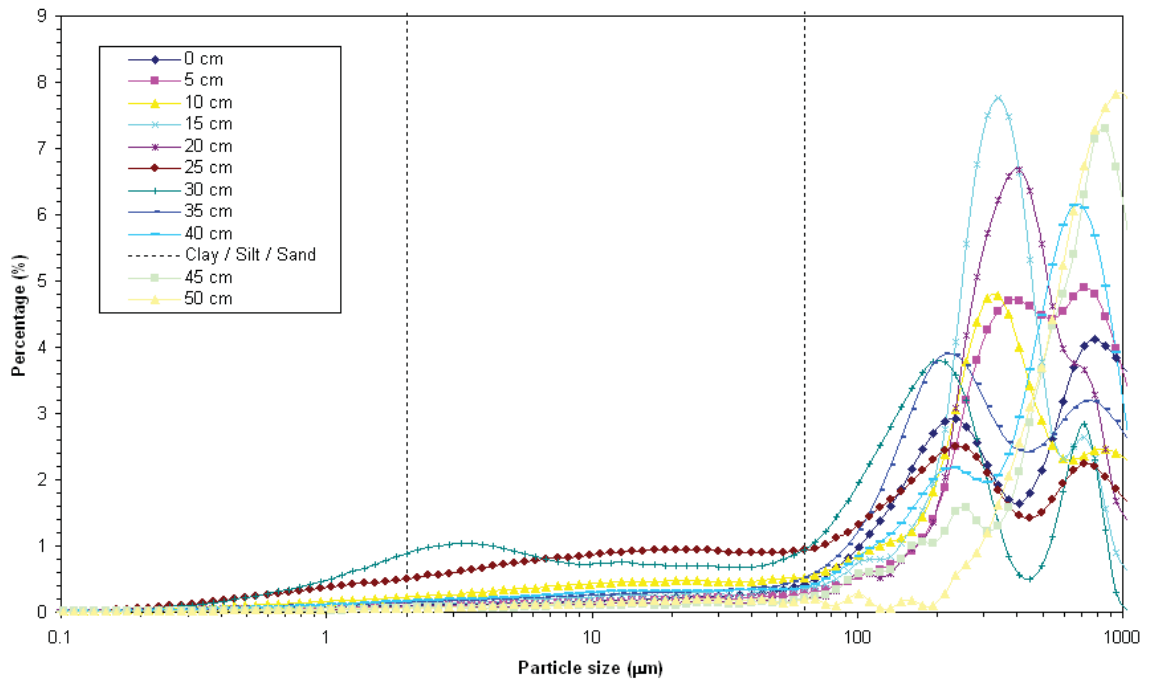


Figure 7: Particle-size distribution of samples from Ripon South 2M

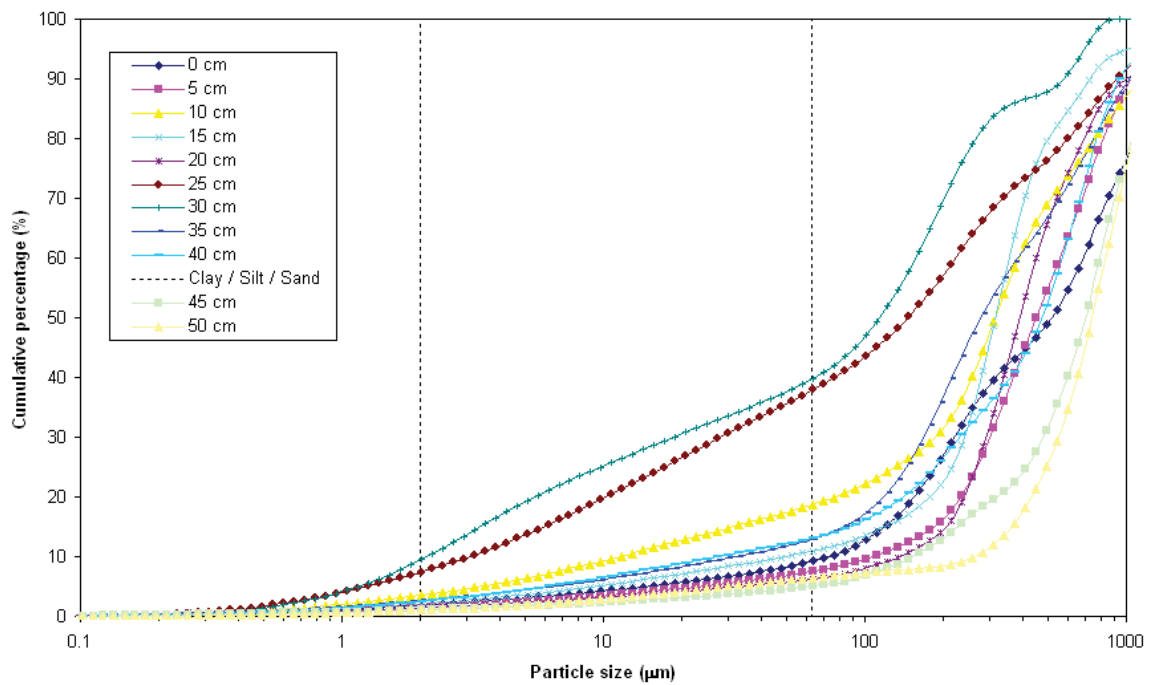


Figure 8: Cumulative particle-size distribution of samples from Ripon South 2M

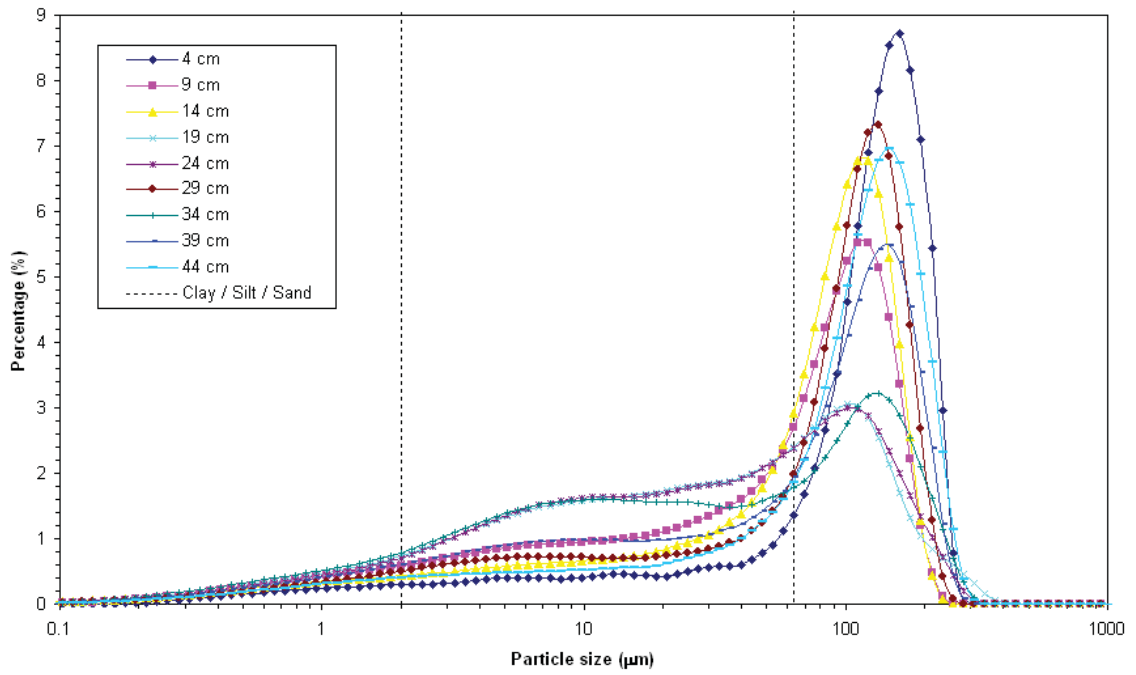


Figure 9: Particle-size distribution of samples from Ripon South 1, 004–044 cm

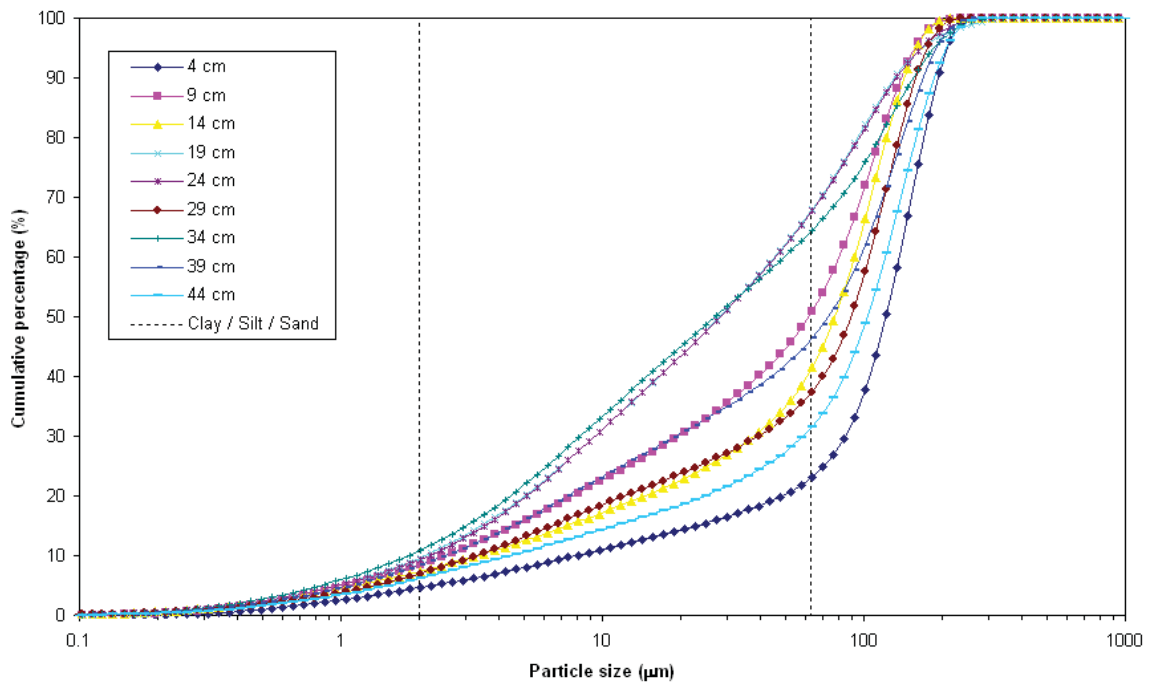


Figure 10: Cumulative particle-size distribution of samples from Ripon South 1, 004–044 cm

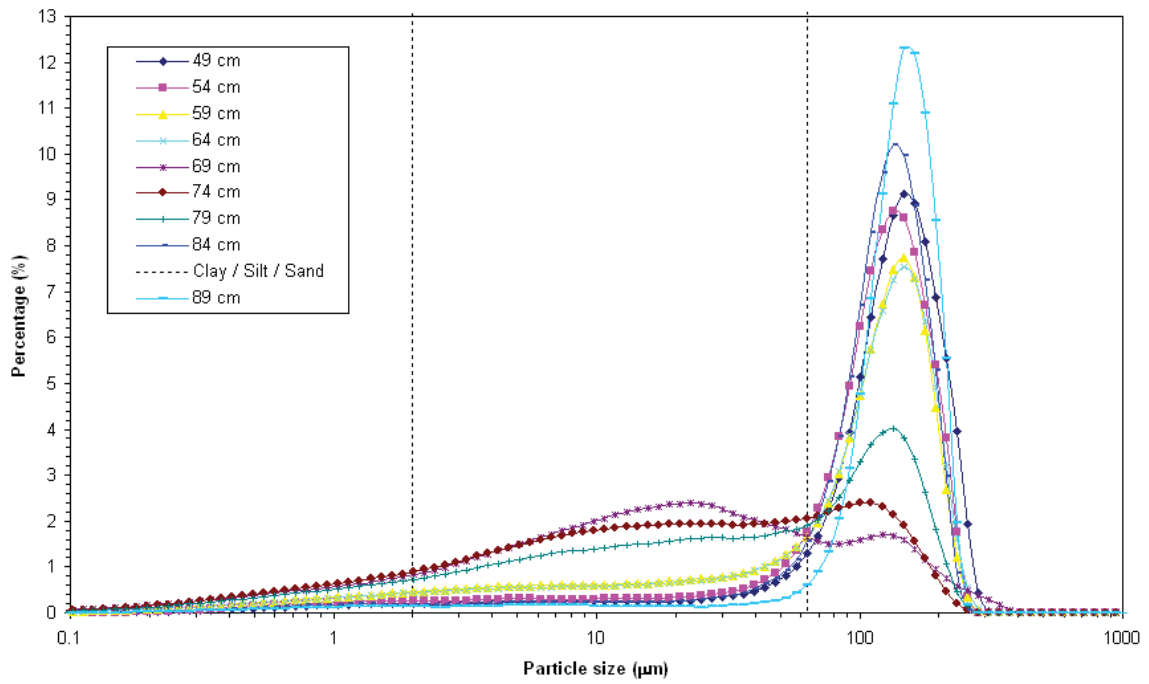


Figure 11: Particle-size distribution of samples from Ripon South 1, 049–089 cm

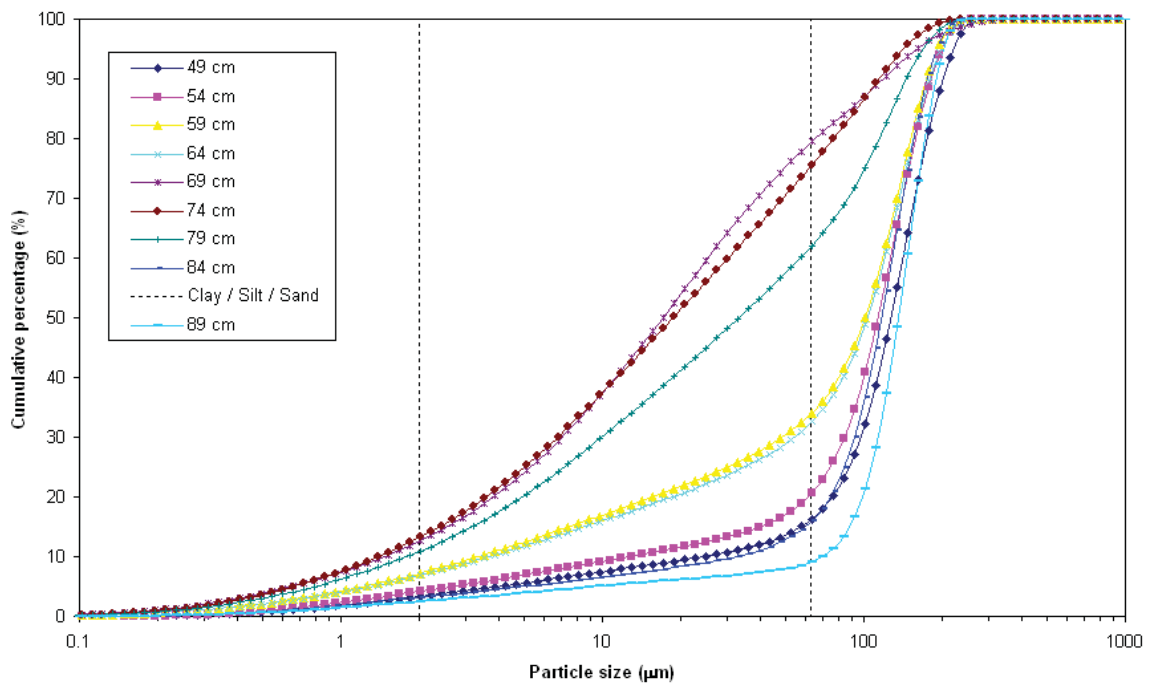


Figure 12: Cumulative particle-size distribution of samples from Ripon South 1, 049–089 cm

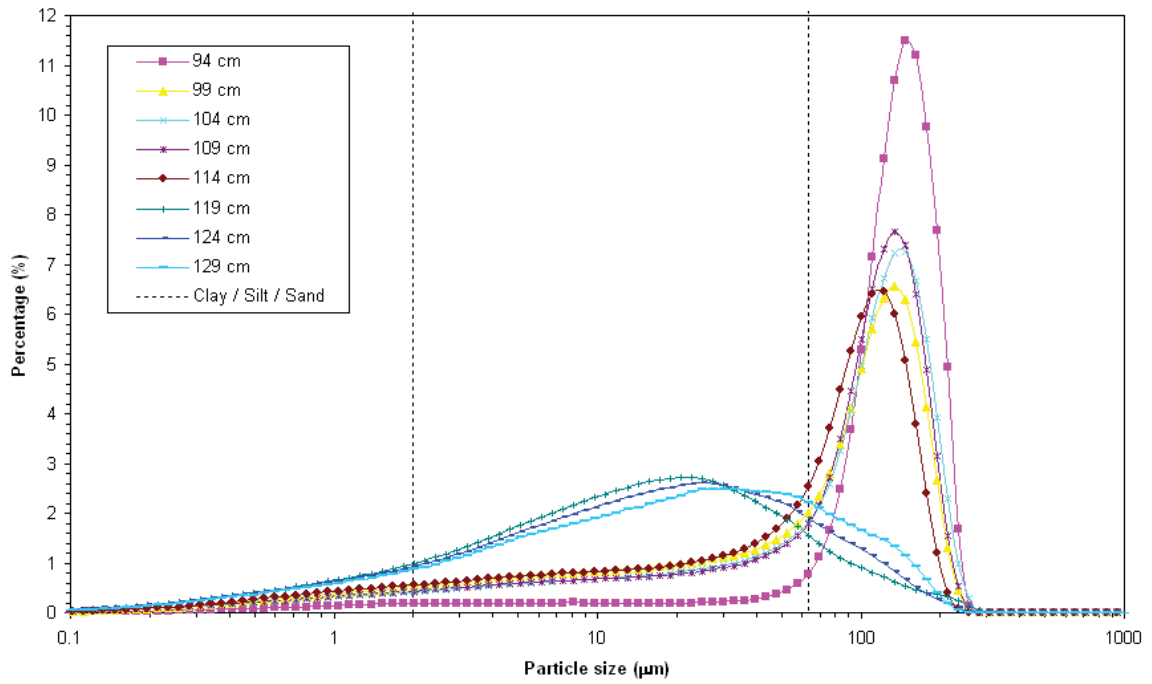


Figure 13: Particle-size distribution of samples from Ripon South 1, 094–129 cm

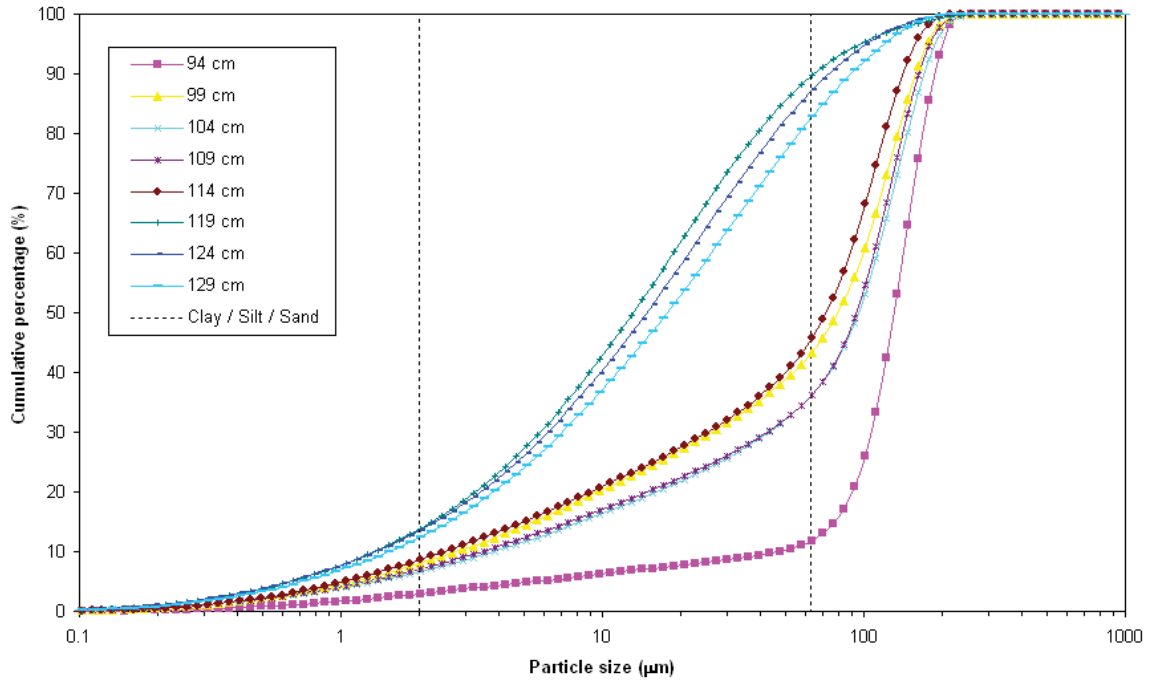


Figure 14: Cumulative particle-size distribution of samples from Ripon South 1, 094–129 cm



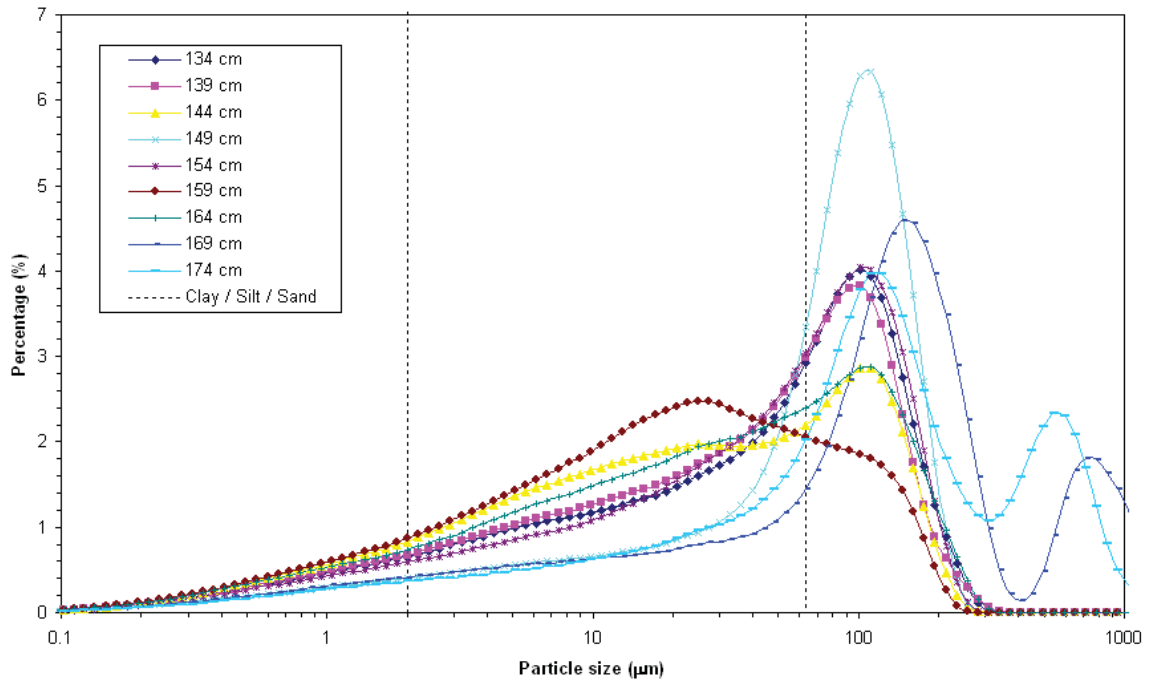


Figure 15: Particle-size distribution of samples from Ripon South 1, 134–174 cm

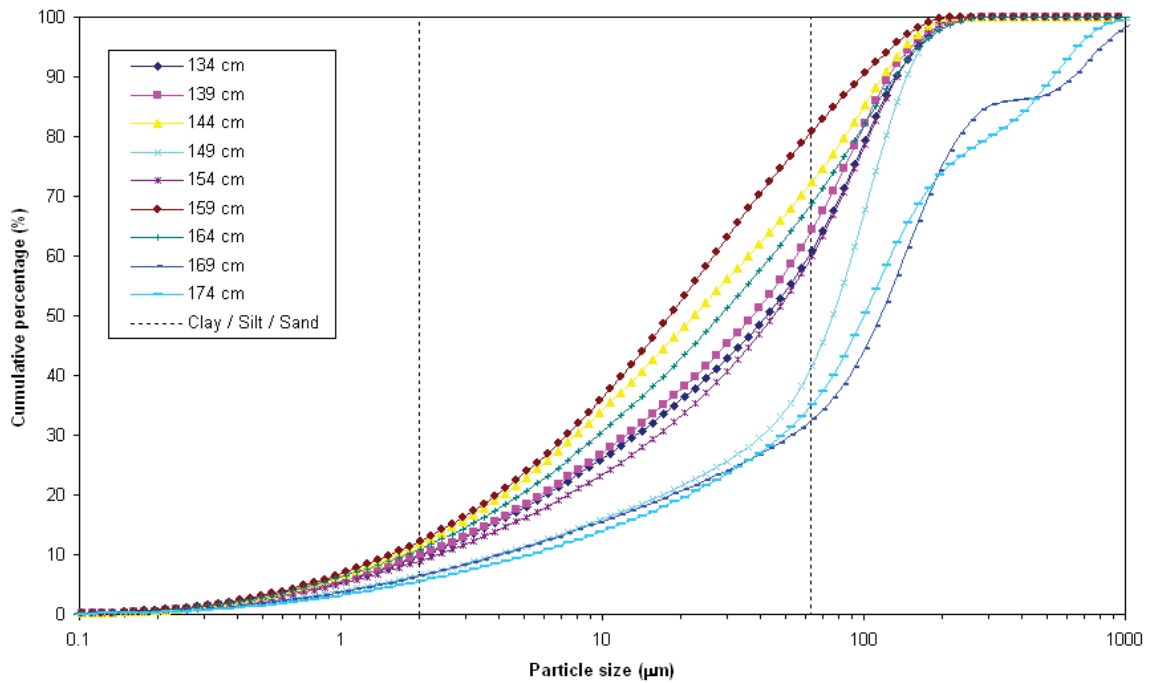


Figure 16: Cumulative particle-size distribution of samples from Ripon South 1, 134–174 cm

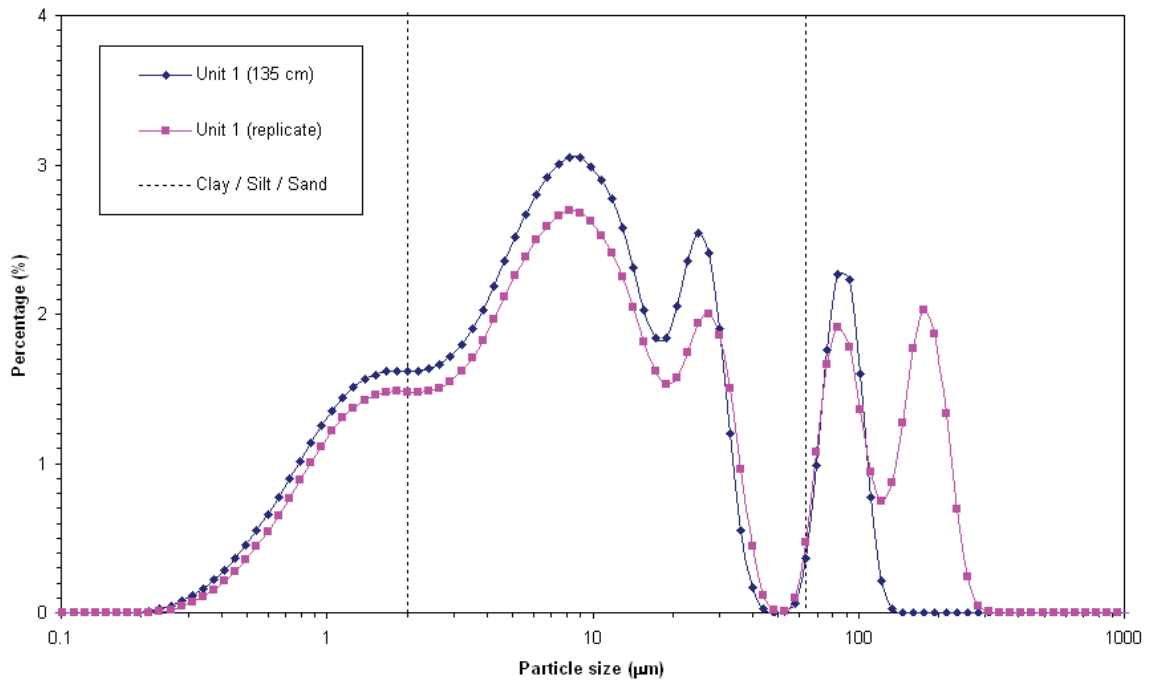


Figure 17: Particle-size distribution of samples from Ings Lane IL6 (Snape Mires)

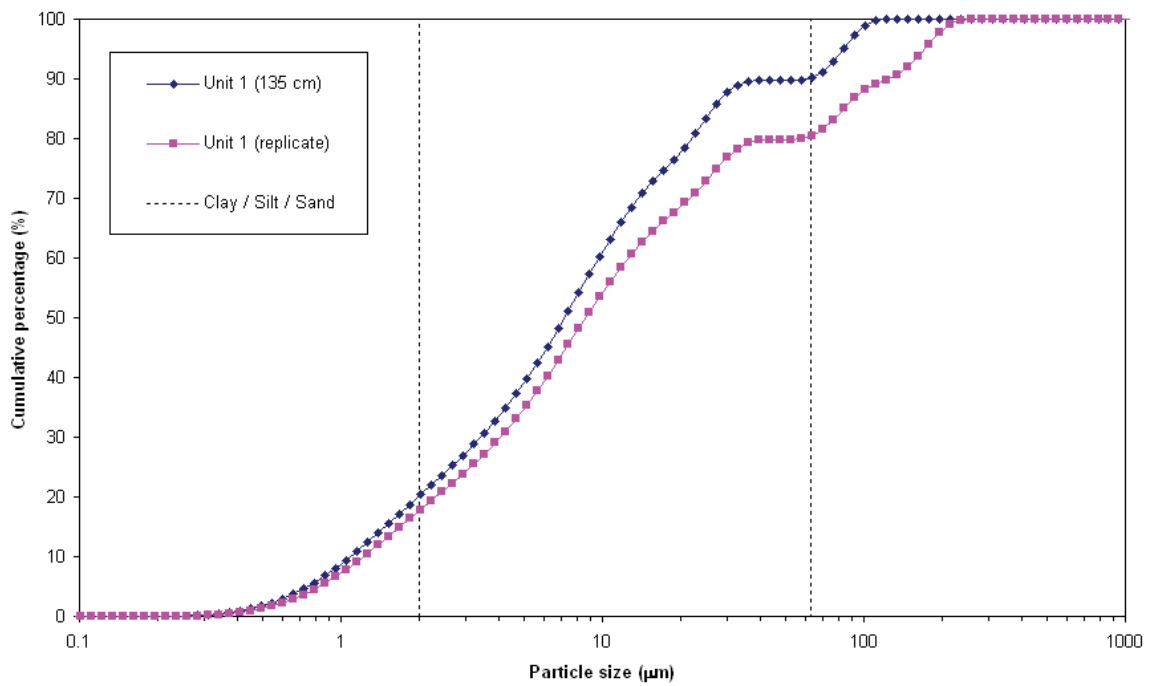


Figure 18: Cumulative particle-size distribution of samples from Ings Lane IL6 (Snape Mires)

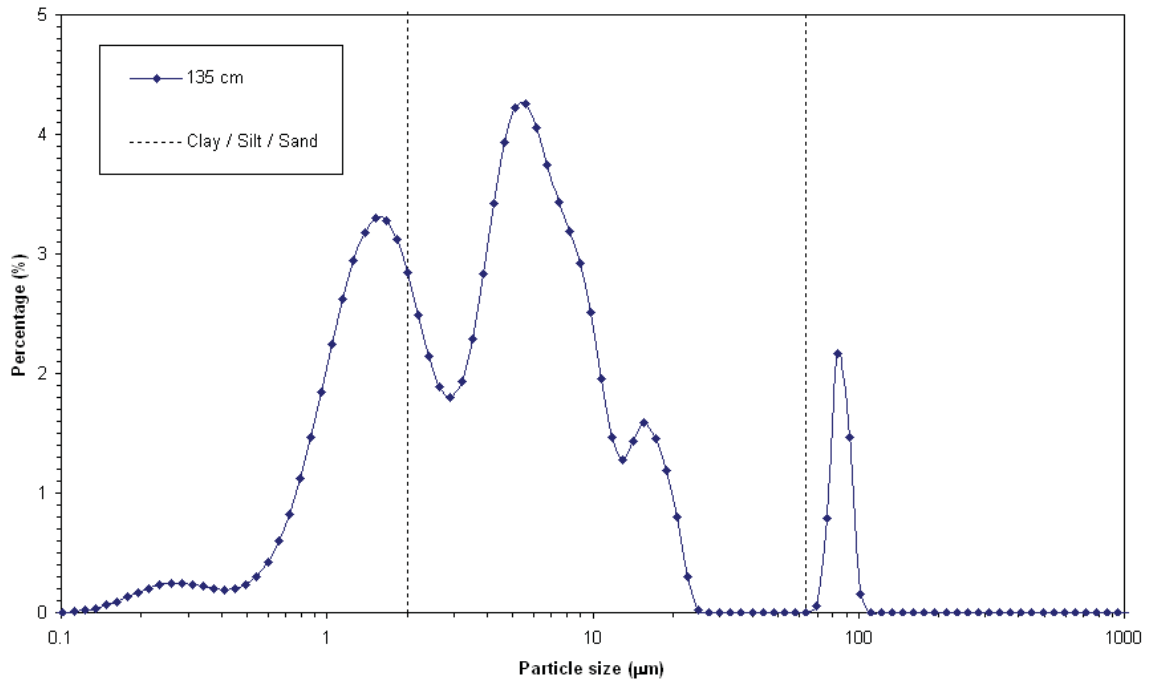


Figure 19: Particle-size distribution of samples from Ings Plantation IL12 (Snape Mires)

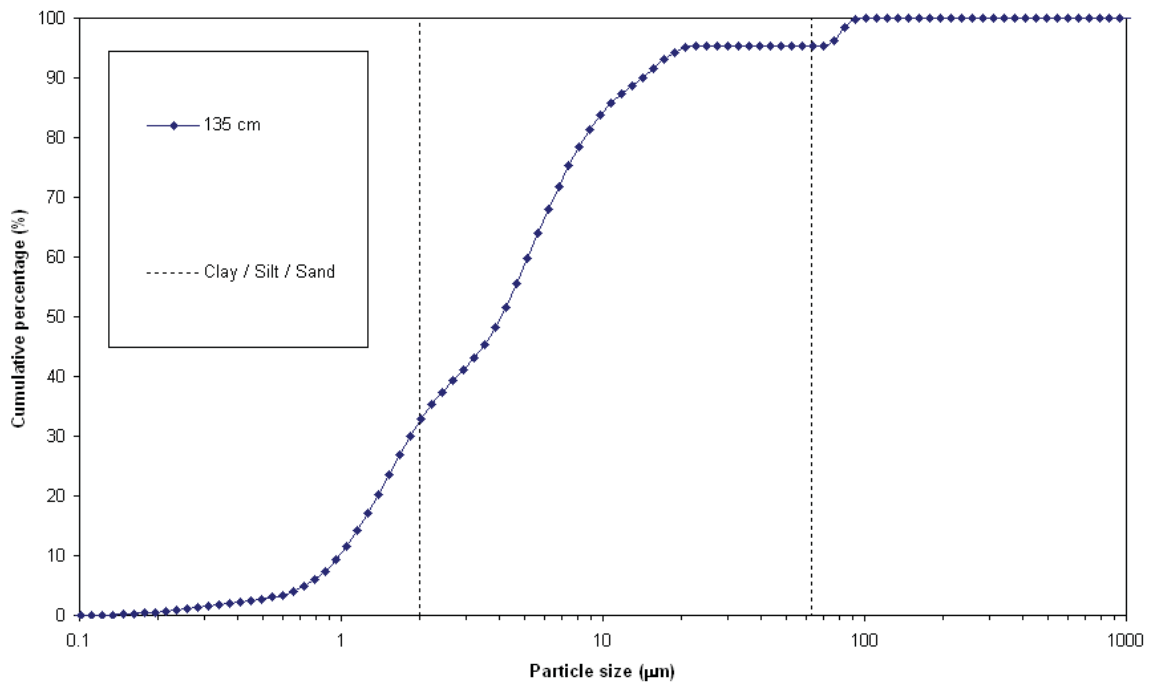


Figure 20: Cumulative particle-size distribution of samples from Ings Plantation IL12 (Snape Mires)

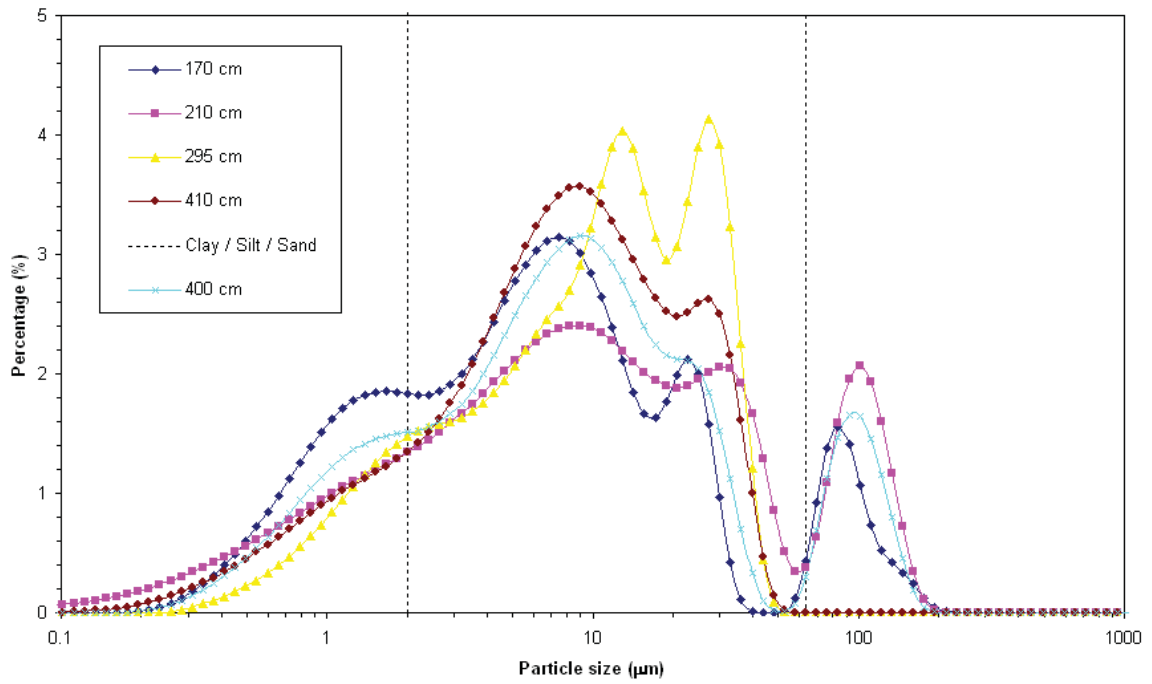


Figure 21: Particle-size distribution of samples from Mill House MH1 (Snape Mires)

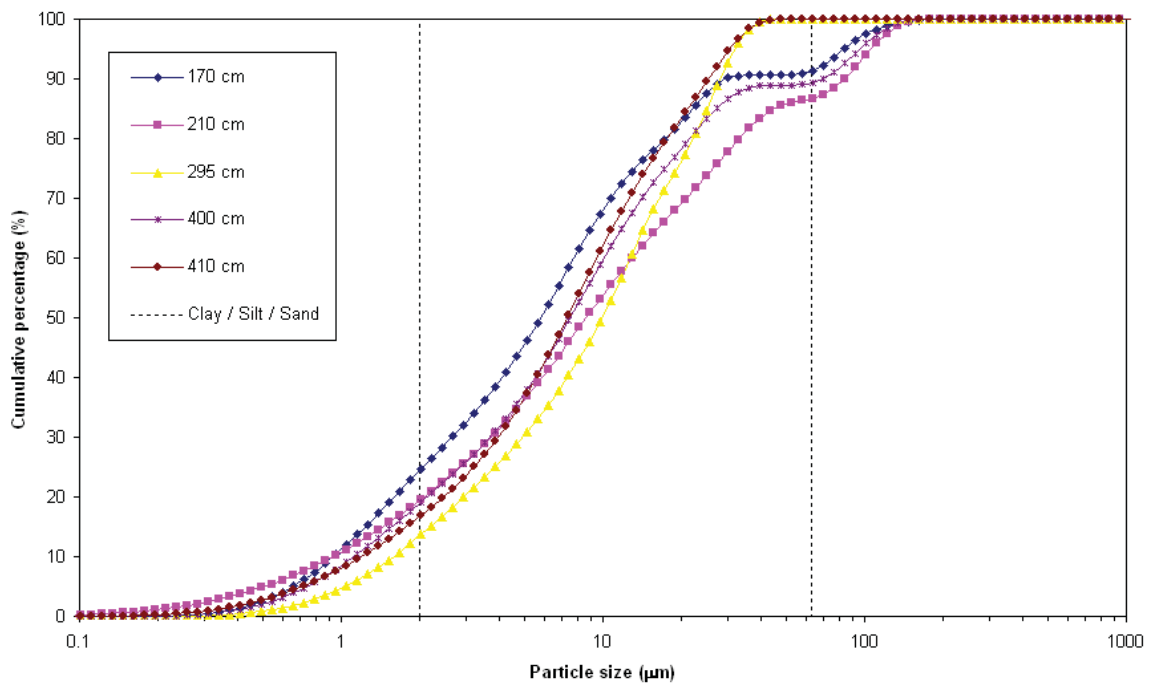


Figure 22: Cumulative particle-size distribution of samples from Mill House MH1 (Snape Mires)

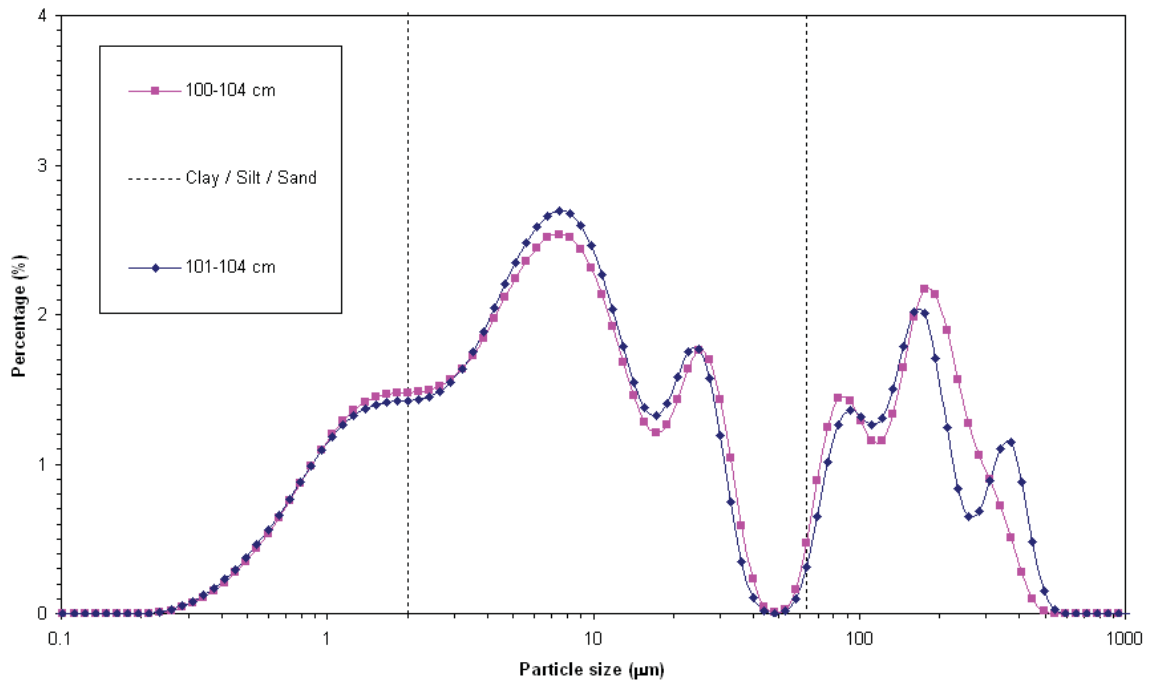


Figure 23: Particle-size distribution of samples from the Gallop TG2 (Snape Mires)

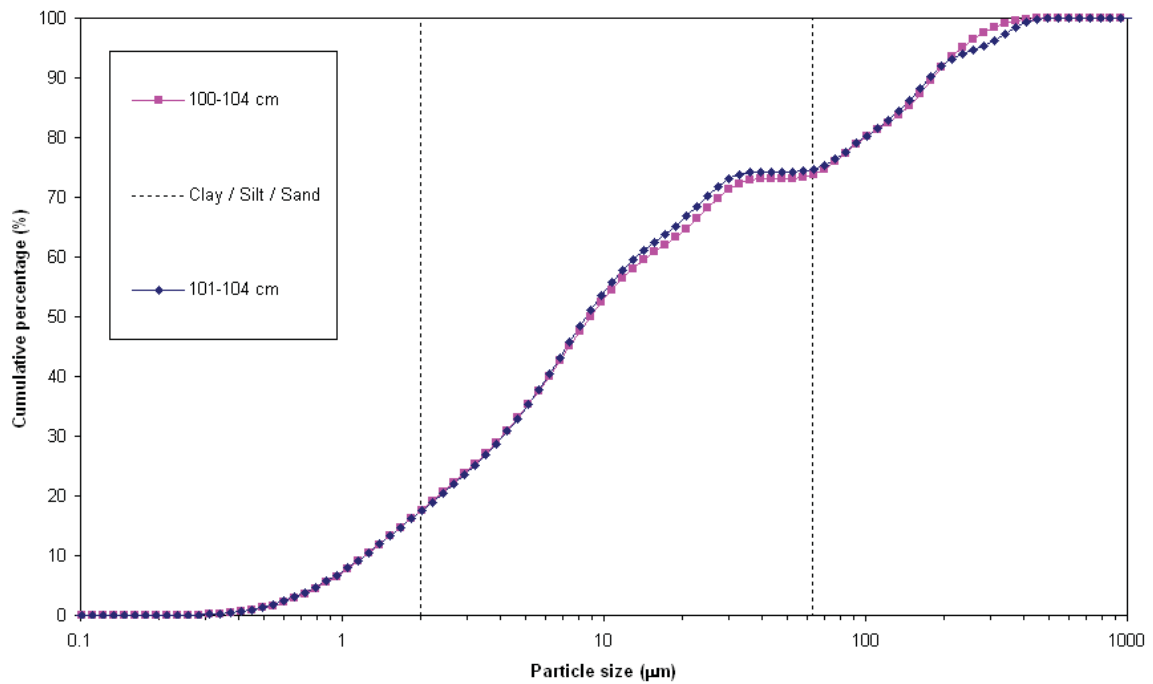


Figure 24: Cumulative particle-size distribution of samples from the Gallop TG2 (Snape Mires)