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THE QUARTERLY JOURNAL OF ENGINEERING GEOLOGY

The scope of the journal, within the field of engineering geology, will be widely drawn. The journal is open to contributions from Fellows and non-Fellows of the Society, in this country and overseas. Papers will be considered which deal with any of the subjects within the field of geology as applied to civil engineering and mining practice, including rock mechanics, soil mechanics and geotechnics; applied sedimentology, pedology, mineralogy and petrology; geohydrology and hydrogeology; and engineering application of geophysics.

Case histories and review articles of a more general character will also be considered, particularly if these are of a timely nature. It will be editorial policy occasionally to group several related papers together in the same issue.

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Geological Society Engineering Group
Working Party Report on

The logging of rock cores for engineering purposes

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1. Introduction

1.1. GENERAL

Many engineering geologists devote a significant proportion of their time to the logging of boreholes and, specifically, to the interpretation of rock cores in engineering terms. A variety of techniques have been devised for logging such cores but in the United Kingdom the systems which have been adopted are often inadequate in relation to modern requirements. The Code of Practice for Site Investigations (C.P. 2001 1957, 94) provides a minimal statement on the methods of preparing logs from borings; no specific advice is given on rock core description. It is apparent, also, that the maximum potential yield of data from many boreholes is not attained and, in consequence, the benefit from drilling not fully realized.

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