

THE QUARTERLY JOURNAL OF ENGINEERING GEOLOGY
Vol. 10, no. 3 **1977** **Price £5**
Annual subscription: £18 (\$48.00 U.S.A.); single numbers all issues £5 (\$13.00 U.S.A.);
double numbers £10 (\$26.00 U.S.A.).

Contents

INTRODUCTORY STATEMENT	175
C. C. HIRD & J. D. HUMPHREYS: An experimental scheme for the disposal of micaceous residues from the china clay industry	177
D. J. COATES, P. G. CARTER & I. M. SMITH: Inclined drilling for the Kielder tunnels	195
P. C. HORNER & F. W. SHERRELL: The application of air-flush rotary percussion drilling techniques in site investigation	207
R. PEARSON & M. S. MONEY: Improvements in the Lugeon or packer permeability test	221
P. GRAINGER & D. M. MCCANN: Interborehole acoustic measurements in site investigation	241
W. R. DEARMAN, F. J. BAYNES & R. PEARSON: Geophysical detection of disused mineshafts in the Newcastle upon Tyne area, N.E. England	257
A. L. LITTLE: Investigating old dams	271
J. M. EDMOND & J. D. GRAHAM: Peterhead Power Station cooling water intake tunnel: An engineering case study	281
D. J. KNIGHT: Morecambe Bay feasibility study—subsurface investigations	303
D. J. CARTER & M. B. HART: Micropalaeontological investigations for the site of the Thames Barrier, London	321
SUMMARIES OF OTHER PAPERS READ AT THE MEETING	339
NEWS ITEM	353

Published for
THE GEOLOGICAL SOCIETY
BURLINGTON HOUSE,
PICCADILLY, LONDON W1V 0JU
by
SCOTTISH ACADEMIC PRESS LTD
33 MONTGOMERY STREET,
EDINBURGH EH7 5JX
and printed by
WESTERN PRINTING SERVICES LTD
CHITTENING ESTATE, AVONMOUTH, BRISTOL, BS11 0YG
and bound at
W. H. WARE & SONS LTD
CLEVEDON, BRISTOL