

THE QUARTERLY JOURNAL OF ENGINEERING GEOLOGY
Vol. 12, no. 2 **1979** **Price £9**

Annual subscription: £32.50 (\$80.00 U.S.A.); single numbers all issues £9 (\$21.00 U.S.A.);
double numbers £18 (\$42.00 U.S.A.).

Contents

R. F. STONER, D. M. MILNE & P. J. LUND: Economic design of wells	63
K. CRUSE: A review of water drilling methods	79
D. A. SPEARS: Porewater composition in the unsaturated zone of the Chalk, with particular references to nitrates	97
D. J. RUSSELL & A. PARKER: Geotechnical, mineralogical and chemical inter- relationships in weathering profiles of an overconsolidated clay	107
M. B. DUSSEAUT & N. R. MORGENSTERN: Locked sands	117
Discussion by P. F. WORTHINGTON	133
Reply by R. C. SAGE & J. W. LLOYD	
Letter to the Editor from L. CLARKE	134
PROCEEDINGS	135

Published for

THE GEOLOGICAL SOCIETY
BURLINGTON HOUSE,
PICCADILLY, LONDON W1V 0JU

by

BLACKWELL SCIENTIFIC PUBLICATIONS LTD.
OSNEY MEAD
OXFORD, OX2 0EL

and printed by

THE UNIVERSITIES PRESS (BELFAST) LTD.
ALANBROOKE ROAD, BELFAST BT6 9HF, NORTHERN IRELAND