

Clay Minerals

VOLUME 10 · NUMBER 1 · JULY 1973

CONTENTS

J. M. ROUSSEAU, P. G. ROUXHET, L. A. VIELVOYE and A. J. HERBILLON. The vermiculitization of trioctahedral micas. I. The K level and its correlation with chemical composition	1
T. BAIRD, A. G. CAIRNS-SMITH and D. W. MACKENZIE. An electron microscope study of magnesium smectite synthesis	17
PEI-LIN TIEN. Palygorskite from Warren Quarry, Enderby, Leicestershire, England	27
L. HELLER-KALLAI, S. YARIV and M. RIEMER. The formation of hydroxy inter-layers in smectites under the influence of organic bases	35
R. L. BLEIFUSS. Activation of non-swelling bentonite	41
M. E. COSGROVE and A. M. A. SULAIMAN. A rapid method for the determination of quartz in sedimentary rocks by X-ray diffraction incorporating mass absorption correction	51

Notes

A. S. CAMPBELL. Anatase and rutile determination in soil clays	57
U. SCHWERTMANN. Electron micrographs of soil lepidocrocites	59

BLACKWELL SCIENTIFIC PUBLICATIONS
OXFORD LONDON EDINBURGH MELBOURNE

Printed in Great Britain by Willmer Brothers Limited, Birkenhead