

CONTENTS OF No. 351, APRIL 1985

	<i>page</i>
P. R. SIMPSON and M. IVANOVICH: Mineralogical aspects of the disposal of radioactive waste: Preface	151
P. F. VENET: Welcome address from P. F. Venet, Commission of the European Communities, Brussels	151
J. B. LEWIS: Radioactive wastes—an overview	153
E. A. RINGWOOD: Disposal of high-level nuclear wastes: a geological perspective	159
E. I. HAMILTON: The disposal of radioactive wastes into the marine environment: the presence of hot particles containing Pu and Am in the source term	177
D. SAVAGE, J. E. ROBBINS, and R. J. MERRIMAN: Hydrothermal crystallization of a radioactive waste storage glass	195
A. DYER and K. Y. MIKHAIL: The use of zeolites for the treatment of radioactive waste	203
C. E. McCULLOCH, M. J. ANGUS, R. W. CRAWFORD, A. A. RAHMAN, and F. P. GLASSER: Cements in radioactive waste disposal: some mineralogical considerations	211
A. C. M. BOURG, P. OUSTRIÈRE, and J. F. SUREAU: Experimental investigation of clogging of fissures and pores in granite	223
M. J. HEATH: Geological control of fracture permeability in the Carnmenellis granite, Cornwall: implications for radionuclide migration	233
D. A. LEVER and M. H. BRADBURY: Rock-matrix diffusion and its implications for radionuclide migration	245
A. E. MIŁODOWSKI and R. D. WILMOT: Mineralogical and petrological studies of Jurassic and Cretaceous sediments from southern England and their relevance to radioactive waste disposal	255
W. SANDER and H.-J. HERBERT: NaCl crystallization at the MgCl ₂ /NaCl solution boundary—a possible natural barrier to the transport of radionuclides	265
J. A. T. SMELLIE: Uranium-series disequilibrium studies of drillcore Km3 from the Kamlunge test-site, northern Sweden	271
W. BALDERER: The NAGRA investigation project for the assessment of repositories for high-level radioactive waste in geological formations	281
E. M. DURRANCE and M. J. HEATH: Thermal groundwater movement and radionuclide transport in SW England	289

Mineralogical Magazine is published by the Mineralogical Society of Great Britain and Ireland in co-operation with the mineralogical societies of the following European countries: Austria, Belgium, Denmark, Finland, France, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and West Germany.

A common annual index to:

Bulletin de Minéralogie
Fortschritte der Mineralogie
Mineralogical Magazine
Rendiconti della Società Italiana di Mineralogia e Petrologia
Schweizerische Mineralogische und Petrographische Mitteilungen

is produced by 'La Société Française de Minéralogie et de Cristallographie' at the end of the annual volume of each journal and printed in a separate issue.