

CONTENTS OF No. 348, SEPTEMBER 1984

	page
J. N. WALSH: Recent Advances in Ideas on the Origin of the Igneous Rocks of the Tertiary Igneous Province—Introduction	309
A. P. DICKIN, C. M. B. HENDERSON, and F. G. F. GIBB: Hydrothermal Sr contamination of the Dippin Sill, Isle of Arran, Western Scotland	311
B. G. J. UPTON, C. H. EMELEUS, R. D. BECKINSALE, and R. M. MACINTYRE: Myggbukta and Kap Broer Ruys: The most northerly of the East Greenland Tertiary Igneous Centres(?)	323
I. M. YOUNG: Mixing of supernatant and interstitial fluids in the Rhum layered intrusion	345
I. G. MEIGHAN, D. GIBSON, and D. N. HOOD: Some aspects of Tertiary acid magmatism in NE Ireland	351
<hr/>	
B. R. BELL: The geochemistry of Lower Tertiary basic dykes in the Eastern Red Hills district, Isle of Skye, and their significance for the proposed magmatic evolution of the Skye Centre	365
A.-M. FRANSOLET, D. ANTENUCCI, and J.-M. SPEETJENS: An X-ray determinative method for the divalent cation ratio in the triphylite–lithiophilite series	373
J. OSTWALD: Two varieties of lithiophorite in some Australian deposits	383
F. MOORE and R. A. HOWIE: Tin-bearing sulphides from St Michael's Mount and Cligga Head, Cornwall	389
S. MATSUBARA, A. KATO, and K. NAGASHIMA: Mpororoite and anthoinite from the Kara mine, Tasmania	397
R. K. HERD, B. F. WINDLEY, and D. ACKERMUND: Grandidierite from a pelitic xenolith in the Haddo House complex, NE Scotland	401
W. M. EDMUNDS, J. N. ANDREWS, W. G. BURGESS, R. L. F. KAY, and D. J. LEE: The evolution of saline and thermal groundwaters in the Carnmenellis granite	407
R. A. BATCHELOR and J. A. KINNAIRD: Gahnite compositions compared	425
C. M. B. HENDERSON and D. TAYLOR: Thermal expansion behaviour of beryllonite $[\text{Na}(\text{BePO}_4)]$ and trimerite $[\text{CaMn}(\text{BeSiO}_4)_3]$	431
J. H. CANTERFORD, G. TSAMBOURAKIS, and R. LAMBERT: Some observations on the properties of dypingite, $\text{Mg}_5(\text{CO}_3)_4(\text{OH})_2 \cdot 5\text{H}_2\text{O}$, and related minerals	437
O. VON KNORRING and E. CONDLIFFE: On the occurrence of niobium–tantalum and other rare-element minerals in the Meldon aplite, Devonshire	443
M. BARTON and M. J. VAN BERGEN: Secondary ilvaite in a dolerite dyke from Rogaland, SW Norway	449
A. J. READ: Mcguinnessite from New Zealand: a new occurrence	457
C. R. LEITE, N. BARELLI, and I. A. SARDELA: Oriented enstatite inclusions in natural diamond	459
H. J. AXON: Discontinuous precipitation from kamacite in the Sinai meteorite: first occurrence in an L-group chondrite	462
Book reviews	465

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.