

CONTENTS OF No. 384, SEPTEMBER 1992

	page
<i>The Hallimond Lecture</i>	
L. J. CABRI: The distribution of trace precious metals in minerals and mineral products	289
<i>Petrology and Geochemistry</i>	
J. D. GREENOUGH and J. DOSTAL: Layered rhyolite bands in a thick North Mountain Basalt flow: the products of silicate liquid immiscibility	309
Z. C. G. SILVA: Mineralogy and cryptic layering of the Kunene anorthosite complex of SW Angola and Namibia	319
R. BOYD and W. A. ASHCROFT: Significance of the cumulate mineralogy of the Belhelvie mafic – ultramafic intrusion – comments on: Silicate mineralogy of the Belhelvie cumulates, NE Scotland, by W. J. Wadsworth	329
R. A. BATCHELOR, D. C. ARMSTRONG and M. McDONALD: Composition of fluids in quartz: discrimination of magma pulses in a Caledonian granitoid	335
<i>Mineralogy</i>	
D. VISSER, P. H. M. THIJSSEN and J. C. SCHUMACHER: Högbomite in sapphirine-bearing rocks from the Bamble Sector, south Norway	343
C. HENMI and I. KUSACHI: Clinotobermorite, $\text{Ca}_5\text{Si}_6(\text{O},\text{OH})_{18} \cdot 5\text{H}_2\text{O}$, a new mineral from Fuka, Okayama Prefecture, Japan	353
A. M. POLLARD, R. G. THOMAS and P. A. WILLIAMS: The stabilities of antlerite and $\text{Cu}_3\text{SO}_4(\text{OH})_4 \cdot 2\text{H}_2\text{O}$: their formation and relationships to other copper(II) sulfate minerals	359
R. F. VOCHTEN, L. VAN HAVERBEKE and K. VAN SPRINGEL: Transformation of chernikovite into meta-uranocircite II, $\text{Ba}(\text{UO}_2)_2(\text{PO}_4)_2 \cdot 6\text{H}_2\text{O}$ and study of its solubility	367
C. H. L. GOODMAN: High pressures and the structure of solids of geochemical and geophysical interest	373
R. A. OKTYABRSKY, S. A. SHCHEKA, A. M. LENNIKOV and T. B. AFANASYEVA: The first occurrence of qandilite in Russia	385
A. H. DAMMAN and W. J. LUSTENHOUWER: Manganese-rich calcic amphiboles of the tremolite–ferro–actinolite series	391
<i>Crystal Structures</i>	
K. S. KNIGHT: The crystal structure of russellite; a re-determination using neutron powder diffraction of synthetic Bi_2WO_6	399
M. G. GORSKAYA, S. K. FILATOV, I. V. ROZHDESTVENSKAYA and L. P. VERGASOVA: The crystal structure of klyuchevskite, $\text{K}_3\text{Cu}_3(\text{Fe},\text{Al})\text{O}_2(\text{SO}_4)_4$, a new mineral from Kamchatka volcanic sublimes	411
<i>Short Communications</i>	
A. PRING, P. G. SLADE and W. D. BIRCH: Shigaite from Iron Monarch, South Australia	417
J. D. APPLETON, D. J. BLAND, P. H. NANCARROW, M. T. STYLES, S. H. MAMBWE and P. ZAMBEZI: The occurrence of daqingshanite-(Ce) in the Nkombwa Hill carbonatite, Zambia	419
I. MORTEN, A. M. DE FRANCESCO, F. F. BONAVIA, GL. HAILESELASSIE, G. M. BARGOSSI and M. BONDI: A new mantle xenolith locality from southern Ethiopia	422
F. FONTAN and A.-M. FRANSOLET: Dufrenite in iron-formation on the Kangnas Farm, Aggeneys district, Bushmanland, South Africa: a comment	426
A. R. WOOLLEY, R. G. PLATT and N. EBY: Niobian titanite and eudialyte from the Ilomba nepheline syenite complex, Northern Malawi	428
<i>Mineralogical Note</i>	
B. YOUNG, E. K. HYSLOP and M. P. BOLAND: Metavoltine from Cockermouth, Cumbria	431
<i>Book Reviews</i>	
	433

*Typeset and printed by
Black Bear Press Limited, Cambridge, England*