

CONTENTS OF No. 382, MARCH 1992

	<i>page</i>
<i>Mineralogy and Petrology</i>	
J. B. DAWSON, J. V. SMITH and I. M. STEELE: 1966 ash eruption of the carbonatite volcano Oldoinyo Lengai: mineralogy of lapilli and mixing of silicate and carbonate magma	1
A. M. ABDEL-RAHMAN: Mineral chemistry and paragenesis of astrophyllite from Egypt	17
M. A. ZAKRZEWSKI, W. H. LUSTENHOUWER, H. J. NUGTEREN and C. T. WILLIAMS: Rare earth minerals yttrian zirconolite and allanite-(Ce) and associated minerals from Koberg mine, Bergslagen, Sweden	27
T. HIRAJIMA, R. ZHANG, J. LI and B. CONG: Petrology of the nyböite-bearing eclogite in the Donghai area Jiangsu Province, eastern China	37
W. ZANG, W. S. FYFE and R. L. BARNETT: A silver-palladium alloy from the Bahia lateritic gold deposit, Carajas, Brazil	47
R. EDWARDS, R. D. GILLARD, P. A. WILLIAMS and A. M. POLLARD: Studies of secondary mineral formation in the PbO-H ₂ O-HCl system	53
G. I. C. SCHNEIDER and H.-J. LAUENSTEIN: A new occurrence of vesignieite from the Gorob-Hope copper deposit, Namibia	67
F. P. CESBRON and S. A. WILLIAMS: Tooeleite, a new mineral from the U.S. Mine, Tooele County, Utah	71
M. P. WHITWORTH: Petrogenetic implications of garnets associated with lithium pegmatites from SE Ireland	75
P. A. EAKIN and A. P. GIZE: Reflected-light microscopy of uraniferous bitumens	85
<i>Short Communications</i>	
J. F. GUO, T. H. GREEN and S. Y. O'REILLY: Ba partitioning and the origin of anorthoclase megacrysts in basaltic rocks	101
J. C. WALMSLEY and A. R. LANG: Oriented biotite inclusions in diamond coat	108
A. YACOOT and M. MOORE: An unusual octahedral diamond	111
R. T. M. DOBBE: Manganoan-cadmian tetrahedrite for the Tunaberg Cu-Co deposit, Bergslagen, central Sweden	113
G. MACLEOD: Zoned manganiferous garnets of magmatic origin from the Southern Uplands of Scotland	115
C. R. HALLSWORTH, A. LIVINGSTONE and A. C. MORTON: Detrital goldmanite from the Palaeocene of the North Sea	117
B. MCNEIL and E. MORRIS: The preparation of double-polished fluid inclusion wafers from friable, water-sensitive material	120
<i>Mineralogical Notes</i>	
R. J. BOWELL: Gold from Botallack mine, St. Just, Cornwall	123
N. J. ELTON and J. J. HOOPER: Andersonite and schrockingerite from Geevor mine Cornwall: two species new to Britain	124
P. BAYLISS, C. KEQIAO, A. J. CRIDDLE and G. A. DESBOROUGH: Mineral nomenclature: sulrhodite	125
<i>Nomenclature</i>	
E. H. NICKEL: Solid solutions in mineral nomenclature	127
<i>Book Reviews</i>	131