

CONTENTS OF No. 318, JUNE 1977

	<i>page</i>
J. A. D. DICKSON and C. BARBER: Chemical variation in a partially dolomitized Visean limestone bed, Isle of Man	145
ANDREW H. RANKIN: Fluid-inclusion evidence for the formation conditions of apatite from the Tororo carbonatite complex of eastern Uganda	155
P. OLIVER ALEXANDER and DALIM K. PAUL: Geochemistry and strontium isotopic composition of basalts from the Eastern Deccan volcanic province, India	165
R. GRANT CAWTHORN: Petrological aspects of the correlation between potash content of orogenic magmas and earthquake depth	173
COLIN H. KEY: Origin of appinitic pockets in the diorites of Jersey, Channel Islands	183
J. R. CANN, C. K. WINTER, and R. G. PRITCHARD: A hydrothermal deposit from the floor of the Gulf of Aden	193
A. L. GRAHAM, A. J. EASTON, and R. HUTCHINSON: Forsterite chondrites; the meteorites Kakangari, Mount Morris (Wisconsin), Pontlyfni, and Winona	201
E. BALTATZIS and B. J. WOOD: The occurrence of paragonite in chloritoid schists from Stonehaven, Scotland	211
H. ELDERFIELD, E. GUNNLAUGSSON, S. J. WAKEFIELD, and P. T. WILLIAMS: The geochemistry of basalt-sea-water interactions: evidence from Deception Island, Antarctica, and Reykjanes, Iceland	217
G. M. BROWN and A. PECKETT: Fluorapatites from the Skaergaard intrusion, East Greenland	227
A. NISSENBAUM, Y. NATHAN, and E. SASS: Contact metasomatism in a Neogene evaporitic sequence of the central Jordan valley—northern Israel	233
W. J. FRENCH and E. P. CAMERON: The relationship of the order of crystallization of basalt melts to their classification and to the definition of rock series	239
MARJORIE POWELL and ROGER POWELL: Plagioclase-alkali-feldspar geothermometry revisited	253
ROGER POWELL and MARJORIE POWELL: Geothermometry and oxygen barometry using coexisting iron-titanium oxides: a reappraisal	257
E. R. D. SCOTT: Geochemical relationships between some pallasites and iron meteorites	265
D. P. MATTEY, I. L. GIBSON, G. F. MARRINER, and R. N. THOMPSON: The diagnostic geochemistry, relative abundance, and spatial distribution of high-calcium, low-alkali olivine tholeiite dykes in the Lower Tertiary regional swarm of the Isle of Skye, N.W. Scotland	273
MIKE J. PEARSON: Francolite in a concretion from argillaceous sediments in the Westphalian of Yorkshire	287
SIDNEY A. WILLIAMS and FABIEN P. CESBRON: Rutile and apatite: useful prospecting guides for porphyry copper deposits	288
BRUCE W. D. YARDLEY: Petrogenesis of migmatites in the Huntly-Portsoy area, north-east Scotland—a discussion	292
J. R. ASHWORTH: Petrogenesis of migmatites in the Huntly-Portsoy area, north-east Scotland. A reply	295
COLIN H. DONALDSON: Kaersutite overgrowths on highly aluminous titanite in the Quarsut sill	297

UNIVERSITY PRESS, OXFORD, ENGLAND