

CONTENTS OF No. 319, SEPTEMBER 1977

	<i>page</i>
K. NASSAU and B. E. PRESCOTT: Smoky, blue, greenish-yellow, and other irradiation-related colors in quartz	301
P. G. MOESKOPS: Serpentine minerals from two areas of the Western Australian nickel belt	313
COLIN H. DONALDSON: Laboratory duplication of comb-layering in the Rhum pluton	323
ALLAN F. WILSON: A zincian h�gbomite and some other h�gbomites from the Strangways Range, Central Australia	337
JOHN F. RILEY: The pentlandite group (Fe,Ni,Co) ₉ S ₈ : New data and an appraisal of structure–composition relationships	345
ALLAN C. MOORE: Zinc-bearing chromite (donathite?) from Norway: a second look	351
J. J. FINNEY, E. J. GRAEBER, A. ROSENZWEIG, and R. D. HAMILTON: The structure of chloroxiphite	357
H. F. W. TAYLOR: The crystal structure of killalaite	363
F. SCORDARI: The metavoltine problem: metavoltine from Madeni Zakh and Chuquicamata, and a related artificial compound	371
F. SCORDARI: The crystal structure of ferrinatrite Na ₃ (H ₂ O) ₃ [Fe(SO ₄) ₃] and its relationship to Maus's salt (H ₂ O) ₃ K ₂ [K _{0.6} (H ₂ O) _{0.5}] ₆ [Fe ₃ O(H ₂ O) ₃ (SO ₄) ₆](OH) ₂	375
L. K. SMITH, K. N. HAN, and F. LAWSON: On the occurrence of smolyaninovite in the Mount Cobalt deposit, in north-western Queensland, Australia	385
K. A. RODGERS, J. E. CHISHOLM, R. J. DAVIS, and C. S. NELSON: Motukoreaite, a new hydrated carbonate, sulphate, and hydroxide of Mg and Al from Auckland, New Zealand	389
J. C. BEVAN and K. A. RODGERS: Electron-probe investigation of some chrome-spinels from southern New Caledonia	391
T. M. LEACH and K. A. RODGERS: Rosenhahnite (Ca ₃ Si ₃ O ₈ (OH) ₂) — a further occurrence	394
K. A. RODGERS: Chromite in pyroxenite from the Massif du Sud, southern New Caledonia	395
DAVID SHELLEY, DAVID SMALE, and ANDREW TULLOCH: Boehmite in syenite from New Zealand	398
R. BOCCHIO: 3T muscovite from a staurolite-zone south-alpine gneiss, Cermeledo, Italy	400
M. J. OPPENHEIM, P. M. BRUCK, R. ELSDON, F. M. SYNGE, A. WEAVER, and W. P. WARREN: Eskolaite, Cr ₂ O ₃ , from County Wicklow, Ireland	402
JOHN K. MILNE, MICHAEL J. SAUNDERS, and PETER J. E. WOODS: Iron-boracite from the English Zechstein	404
C. J. ALABASTER: An occurrence of brucite at Merehead Quarry, Cranmore, Somerset	406
PETE J. DUNN: Chromium in dravite	408
R. F. SYMES: Datolite and apophyllite from the Mendips	410
A. G. COUPER and A. M. CLARK: Stokesite crystals from two localities in Cornwall	411
M. T. FROST: A new interactive computer program to process electron microprobe data	414
A. J. EASTON, A. L. GRAHAM, and R. HUTCHISON: Abundance of fluorine in stony meteorites	416
Book Reviews	419