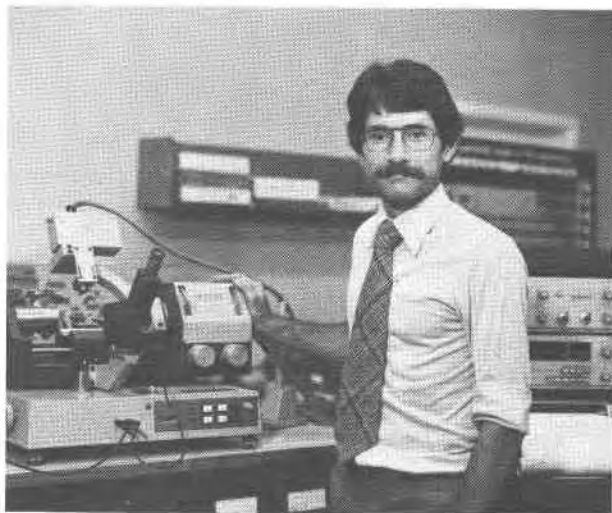


Mineralogical Society of America Kraus-Glass Crystallographic Research Award for 1980

RODERICK J. HILL

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Roderick J. Hill was born in Adelaide, South Australia in 1949. He completed his B.S. degree at the University of Adelaide in 1969, and his B.S. (Honors) degree from the same university in 1970. He was then awarded a CSIRO Postgraduate Studentship for research with Dr. J. B. Jones into the crystal chemistry of zinc phosphates and arsenates, and was granted his doctorate, again from Adelaide University, in 1975. Three years as a CSIRO Postgraduate Fellow and then Research Associate in the Department of Geological Sciences at VPI & SU, Blacksburg, Virginia followed, during which time he worked with Professors G.V. Gibbs and J. R. Craig on molecular orbital studies of silicate crystal chemistry, and the experimental determination of electron densities in minerals. In 1978 he was awarded a Queen Elizabeth II Fellowship and returned to the CSIRO Division of Mineral Chemistry, Port Melbourne, Victoria, Australia, to carry out research on the role of zinc in the inorganic phosphate cycle in soil geochemistry. Since then he has become involved in a number of other



projects, including the study of thin, conducting films for solar collectors, and the safe disposal of radioactive wastes.