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A. F. COOPER graduated B.Sc. at Sheffield in 1966 and was awarded a Ph.D. from the University of Otago in 1970 for work on metamorphism and structure of the Haast Schists and the petrology of a post-metamorphic lamprophyre dyke swarm. At present he is



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Howard G. COOPERSMITH graduated in Geology at Colorado State University in 1975. Post-graduate work concentrated on kimberlite exploration. Employed by Cominco American Incorporated 1975 to 1986, he has managed various aspects of diamond prospecting, exploration and evaluation. Currently an independent consultant, he is a member of the Mineralogical Society of America and the Society of Economic Geologists.

Frances A. CULL graduated with a B.A. in Chemistry from Case Western Reserve University, Ohio in 1982 and obtained a MS degree from Purdue University in December 1985 for her work on the oxidation kinetics of diamond.

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J. B. DAWSON graduated from the University of Leeds in 1957 and was awarded his Ph.D. from the same University in 1960 for his work on Basutoland kimberlites. A period of service with the Tanganyika Geological Survey working on Rift Valley tectonics and volcanoes (including the active carbonatite volcano, Oldonyo Lengai) was followed by a two-year period at Dalhousie University, Halifax, Nova Scotia. In 1964 he joined the University of St. Andrews, Scotland, where he was successively lecturer, Reader and Professor of Petrology; he was awarded his D.Sc. from St. Andrews in 1971 for his continuing work on the kimberlites and carbonatites in eastern and southern Africa. In 1978 he was appointed to the Sorby Chair at the University of Sheffield. He is currently a member of the British National Committee for Geology, and Foreign Secretary of the Geological Society of London.

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I. F. DOWNIE obtained a B.Sc. from the University of Toronto and was employed in base metal exploration in eastern Canada until 1979; since then has been involved in diamond exploration. He is a Member of the Association of Professional Engineers of Ontario and of the CIMM.

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A. C. EDWARDS graduated in geology from Melbourne University in 1968. After four years in industry he joined the staff of the Broken Hill college of the University of New South Wales and was awarded a Ph.D. in 1980. He joined BHP in 1979 and is currently a member of the Research and Project Development Group.

A. J. ERLANK received all his degrees from the University of Cape Town and is currently Professor and Head of the Geochemistry Department at UCT. A former Fellow of the Carnegie Institution of Washington, he has also spent extended periods as visiting scientist at Oxford and the Institut de Physique du Globe in Paris.

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Anthony A. FINNERTY obtained his Ph.D. at the University of California at Los Angeles in 1976. Following a post-doctoral fellowship at the Carnegie Institution of Washington Geophysical Laboratory, he worked on problems related to the petrology of planetary interiors at NASA's Jet Propulsion Laboratory. Joining the faculty of the Department of Geology at University of California at Davis in 1982, he now pursues petrologic investigations of the interior of his favourite planet through study of mantle xenoliths.

Stephen F. FOLEY gained his B.Sc. from Southampton University in 1979 and his M.Sc. from Memorial University of Newfoundland in 1982 for work on alkaline and ultramafic lamprophyres in Labrador. He is currently completing his Ph.D. at the University of Tasmania on experimental studies of lamproite genesis, and will continue in experimental petrology at the Max-Planck-Institut in Mainz from September 1986.

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H. W. GREEN received his Ph.D. in Experimental Rock Deformation from University of California at Los Angeles in 1968. He was a post-doctoral research associate in Metallurgy and Materials Science at Case Western Reserve University before moving to Davis in 1970. He presently is Professor of Geology and Department Chairman. He is a member of the American Geophysical Union and the Mineralogical Society of America.

G. P. GREGORY graduated in mining geology at Imperial College, London in 1965. He was awarded a Ph.D. from the same university for his work on secondary dispersion patterns related to kimberlites in North America. From 1970 to 1985 he was employed by the Selection Trust/BP Group to explore for diamonds, gold and base metals in North America, Europe, South Africa, Sierra Leone and Australia. He is currently a Director of Australian Ores & Minerals Limited.

William L. GRIFFIN received his B.Sc. (1962) and M.Sc. (1964) from Stanford University and his Ph.D. (1967) from the University of Minnesota. He is currently Professor of Geochemistry at the Mineralogical-Geological Museum of the University of Oslo, Norway, with responsibility for the National Lab for Geologic Mass-spectrometry. From October 1986 he will be Principal Research Scientist with the Division of Mineral Physics and Mineralogy, CSIRO, North Ryde, NSW 2113, Australia.

M. J. GUNN graduated in Geology and Chemistry at Nottingham in 1965. He has since worked for the The Broken Hill Proprietary Co. Ltd. and is currently Principal Geologist Operations, Western Australia. He is a member of the Geological Society of Australia, the Society of Economic Geologists and past-Chairman of the Australasian Institute of Mining & Metallurgy (NW Queensland Branch).

J. J. GURNEY graduated with an Honours degree in Chemistry at the University of Cape Town in 1962 and was awarded a Ph.D. in Geochemistry from the same University in 1968. He is currently an Associate Professor in Cape Town where he has an active kimberlite research group.

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Anne HALL graduated with a B.Sc. from the University of Otago (NZ) in 1968. She has been involved in diamond exploration in Western Australia since 1974 initially with Tanganyika Holdings and since 1976 with CRA Exploration where she is currently Principal Mineralogist. She is a member of the Geological Society of Australia and the Australasian Institute of Mining and Metallurgy.

D. C. HALL received his B.Sc. from the University of Toronto in 1982, and his M.Sc. from the Queen's University in 1985. He is currently enrolled in the doctoral programme at Queen's, studying the diatreme breccias in southeastern British Columbia, Canada. He is part Vice-president (Coffee) of the Queen's Geology Journal Club.

A. HALLIDAY gained his B.Sc. (1973) and Ph.D. (1979) from the University of Newcastle UK. He was a research assistant at the Scottish Universities Research and Reactor Centre East Kilbride Scotland until 1981. Since then he has been a lecturer at SURRC. From September 1986 he will take up an appointment at Ann Arbor Michigan USA.

J. W. HARRIS graduated in geology, University of Liverpool and obtained his Ph.D., University of London in 1968. After five years post-doctoral research in London, joined DeBeers Industrial Diamond Division in Johannesburg before becoming, in 1975, Research Fellow at the Geology Department, University of Edinburgh. Since 1980 he has been Senior Research Fellow in the Department of Applied Geology, University of Strathclyde.

B. HARTE gained his B.A., M.A., Ph.D. at Cambridge, England in 1962 and 1966 respectively. He was appointed Assistant Lecturer at Edinburgh University in 1965 and is currently Reader in Geology at Edinburgh. He was: a Guest Investigator at the Geophysical Laboratory, Washington, in 1974-75; Invited Lecturer at Cape Town University in 1979; visiting Associate Professor at Yale University, New Haven, in 1982; Chairman of Metamorphic Studies of the Mineralogical Society and the Geological Society of London in 1983-85; and appointed a fellow of the Royal Society of Edinburgh in 1986.

C. J. HAWKESWORTH graduated from Trinity College Dublin in 1970 and was awarded his D.Phil from Oxford University for structural and geochemical studies in the Austrian Alps. After post doctoral positions at Oxford and Leeds he is now a Senior Lecturer in Isotope Geology at the Open University and chairman of the Petrogenesis Research Group. He is also an editor of Earth and Planetary Science Letters and Terra Cognita.

J. B. HAWTHORNE graduated in geology at Rhodes University, Grahamstown in 1956. He has since worked almost exclusively on diamond and kimberlite exploration in central and southern Africa. He is currently a consulting geologist to DeBeers and Chichester Diamond Services, London. He is a member of the Geological Society of South Africa and a fellow of the Geological Society of London.

B. Carter HEARN Jr received the Ph.D. degree in Geology from Johns Hopkins University, Baltimore in 1959. He has worked for the US Geological Survey since 1957, and is currently working on Montana, Michigan, and other US kimberlites and their xenoliths, and on upper mantle xenoliths from eastern China.

H. HELMSTAEDT received his Ph.D. in 1968 from the University of New Brunswick. After a year as a post-doctoral fellow at the Lamont-Doherty Geological Observatory, he spent three years each at the Geological Survey of Canada and McGill University before joining Queen's University where he is a Professor of Geology. In addition to ultramafic xenoliths and kimberlites, his major research interests lie in the tectonic evolution of Archaean greenstone belts in the Slave Province of the Canadian Shield.

W. O. HIBBERSON graduated in geology at the Canberra College of Advanced Education in 1975 and is currently Senior Technical Officer in the Research School of Earth Sciences at A N U. He has worked extensively with D H Green and A E Ringwood on a wide range of problems in experimental petrology and is co-author of 20 papers in this field.

B. E. HOBBS received his Ph.D. in Geology from the University of Sydney in 1962. He remained on the faculty there until 1967, when he became a Fellow of the Australian National University. In 1971 he became the Chairman and Professor of Geology at Monash University, where he remained until 1984 when he became the Chief Research Scientist for the Geomechanics Division of CSIRO.

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S. HU graduated from Beijing College of Geology in 1961, receiving a post-graduate qualification from the same institution in 1965. He has studied the Tanlu Fault Zone since 1962, and in 1966 became involved in diamond prospecting. Since 1981 he has been Chief Geologist of the No. 7 Geological Brigade in Meng Yin, and, more recently, of the Sino-British Cooperation Brigade.

R. H. HUNTER took B.Sc. and Ph.D. degrees at Durham, England in 1977 and 1980. From 1980 to 1982 he was a Postdoctoral Research Associate at the University of Tennessee, and then a Postdoctoral Research Fellow at the University of Edinburgh from 1982 to 1984. He is currently a Postdoctoral Research Associate at the University of Cambridge.

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Tony IRVING was born in Sydney, received his Ph.D. at Australian National University in 1972, and subsequently has lived in the US. His major research interests over the last 18 years have been the geochemical evolution of mantle xenoliths and alkalic magmas.

E. ITO graduated in the faculty of technology at Shizuoka University in 1965. He was awarded a Ph.D. in 1979 from the University of Tokyo (Geophysics) for his researches on ultrahigh pressure studies on geophysically important silicates. He was a graduate student of the late Prof. Kawai at Osaka University and established a laboratory for ultrahigh pressure experiments at the Institute for Study of the Earth's Interior in Misasa in the last 15 years. He is currently associate professor in geophysics section of the ISEI and is working on mineralogy and chemistry of deep Earth's interior.

M. ITO graduated in petrology from the Faculty of Science, Nagoya University, of Japan in 1959. He is Associated Professor in Geology and Mineralogy at the Laboratory of Geology, College of General Education, Nagoya University, and is making petrological studies of western Kenya kimberlites and the Fe-Mg carbonate hydroxide hydrate minerals in serpentinites from Japan.



D. G. JACKSON graduated from the Western Australian Institute of Technology with an Associateship in Applied Geology in 1973. He worked with Hamersley Iron in the Pilbara region of Western Australia from 1974 to 1979, and then transferred to CRA Exploration participating in diamond exploration in Western Australia until 1985. He is currently Principal Geologist involved in a multi-commodity project in the Pilbara.

Bruce C. JAGO obtained an H.B.Sc. (1980) and M.Sc. (1982) from Lakehead University. Since then he has worked, in industry, exploring for base and precious metals in Canada, for diamonds in Venezuela and as a Lecturer in Geology at Lakehead University. Currently he is working toward a Ph.D. at University of Toronto and is studying experimentally, alkali-rich carbonate systems.

Emil JAGOUTZ graduated in Physics at the University of Mainz in 1976 and was awarded a Ph.D. in 1981 from the same university for his work on ultramafic rocks. He is currently Research Assistant at the Max-Planck-Institut für Chemie, Mainz, Department of Cosmochemistry with responsibilities for isotopic analysis.

A. J. A. JANSE graduated from the University of Leiden in 1955 and obtained a Ph.D. from the University of Leeds in 1964. For many years he was involved in diamond exploration with the Selection Trust Group and is now Managing Director of Mintel Pty. Ltd. Dr. Janse is a Fellow of the Geological Society of London and a member of the IMM, CIMM and GAC.

A. L. JAKES gained his B.Sc. (Hons) at the University of Western Australia in 1972 and was awarded a Ph.D. in 1980 from the University of Tasmania. He is currently a Senior Research Scientist in the Division of Petrology and Geochemistry, Bureau of Mineral Resources, Canberra. He is currently researching Australian lamproites, kimberlites and diamonds. He is a member of the Geological Society of Australia.

B. David JOHNSON graduated from Durham University with a B.Sc. in geology followed by an M.Sc. in geophysics. He then moved to Hobart where he completed a Ph.D. studying the crustal structure of Tasmania. Since that time he has been lecturing at the University of New South Wales and at Macquarie University, where he is currently Senior Lecturer. His research interests include potential field modelling techniques, plate tectonic synthesis and computer graphic techniques. He is an active member of ASEG, SEG, EAEG, AGU, IAMG, ACGA and helped to organise the ICGEO conferences and establish the ASEG.

Joe J. JOYCE graduated with a B.Sc. (Hons) from Sheffield in 1970 and joined Stockdale Prospecting Ltd., Australia. He is currently on secondment to the Geology Department, Anglo American Corporation Limited, Johannesburg.

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Marguerite KINGSTON was educated at Dunbarton College, the University of San Francisco and George Washington University, receiving advanced degrees in chemistry and geology. Since 1980, she has been with the Remote Sensing section of the U.S. Geological Survey. She is currently secretary of the Geological Society of Washington.

Peter D. KINNY was born in Melbourne, Australia. He graduated from the University of Sydney in 1978 with first class honours in Geology and Geophysics. He is currently completing a Ph.D. in Isotope Geochemistry at the Research School of Earth Sciences, A.N.U., Canberra. He needs a job.

M. B. KIRKLEY obtained her B.Sc. (1978) and M.Sc. (1980) from Colorado State University where she studied the peridotite xenoliths from Colorado and Wyoming kimberlites. The following three years were spent in base and precious metals exploration. She is presently concluding her research on stable isotopes in kimberlite carbonates in expectation of being granted a Ph.D. from the University of Cape Town.

S. I. KOSTROVITSKY graduated in Geology at Polytechnical Institute, Irkutsk in 1962 and in Mathematics at State University, Irkutsk in 1972. He was awarded a Ph.P. in 1973 for his work in mechanism of kimberlite pipe formation. He is a Senior Geologist at the Institute of the Earth's Crust, USSR Academy of Science. He is working on a kimberlite substance.

Jan D. KRAMERS. As an undergraduate he attended the University of Berne, Switzerland. He completed a Ph.D. in Economic Geology at the same university in 1973. He

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G. P. KUDRYAVTSEVA graduated from the Geological Department at Moscow States University in 1970 where she gained of candidate and degree of Doctor of geological-mineralogical sciences for her work on the nature of magnetism in minerals in 1985. She is currently Reader in Mineralogy at the same University and is a member of the Union Mineralogical Society.

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D. C. LEE graduated with B.Sc. (Physics) from the University of Western Australia in 1967. He began his association with the mining industry whilst working with the Chamber of Mines in South Africa. He joined Kalumburu Joint Venture (the forerunner of the Ashton Joint Venture) with Tanganyika Holdings in 1975. He is currently working with Ashton Mining Limited, based in their exploration laboratory in Perth, WA.

J. H. LEW gained his B.Sc. (Hons) in Geology at Monash University in 1980. He then joined CRA Exploration, working on the evaluation of the Argyle AKI lamproite and its associated alluvials. Subsequently he was involved in diamond exploration in Western Australia, and is presently responsible for CRA Exploration's gold programme in Reefton, New Zealand.

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