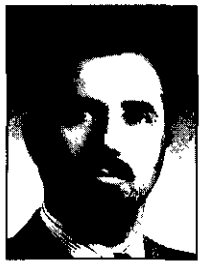
BIOGRAPHIES

ANDREW J. BURTON received a B.Sc. in geophysics from Memorial University of Newfoundland in 1989. He has worked as a processing geophysicist with Statcom Ltd. of Calgary. Andrew is currently an M.Sc. student and research technologist at Memorial University where he is researching modern seismic imaging methods in AVO, deconvolution and depth migration.

CRAIG COULOMBE received a B.Sc. in geophysics and an M.Sc. in geophysics from The University of Calgary in 1990 and 1992, respectively. He was a consultant for Schlumberger of Canada from 1990 to 1992 in the Seismic Product Development group. Currently, he is employed with Chevron Canada Resources as a geophysicist. Main interests include borehole seismic, AVO and seismic inversion methods.



RICHARD A. EVERITT holds B.Sc. and M.Sc. degrees in geology and structural geology from Laurentian University. He graduated Magna Summa cum Laude and was awarded the Governor-General's Medal for academic achievement. Mr. Everitt is a fellow of the Geological Association of Canada and a member of the Minerals and Geotechnical Logging Society and the Canadian Institute of Mining and Metallurgy. He has 21 years experience in mining, project management and multidisciplinary site characterization.

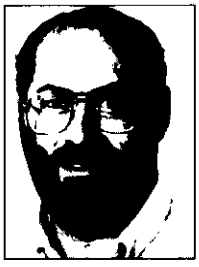
Prior to joining AECL, Richard Everitt was employed with the Geological Survey of Canada, with Falconbridge Mines Ltd. and as a private consultant. As the Geological Group Leader at AECL's Underground Research Laboratory, Mr. Everitt defines and coordinates the geological investigations contributing to Canadian and international multidisciplinary experiments on nuclear fuel waste disposal in underground excavations. Mr. Everitt has also collaborated in over 12 geotechnical projects involving the United Kingdom, the United States, Sweden, Japan and France.

JOHN G. HAYLES graduated with a B.Sc. in geological engineering (geophysics) from Queen's University in 1970 and has an M.A.Sc. in geophysics from the University of British Columbia. He worked as a geophysicist for Cominco Ltd. from 1972 to 1979, mainly in the Arctic and Northwest Territories.

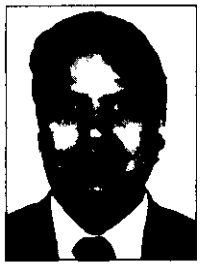
John Hayles joined Atomic Energy of Canada Ltd. in 1979 as a geophysicist seconded to the Geological Survey of Canada in the Electrical Methods Section. From 1979 to 1986 he was responsible for surface and borehole VLF-EM surveys and interpretation. In 1986 he started working on cross-hole seismic systems at Whiteshell Labs. His responsibilities are in high-frequency cross-hole seismic surveys, instrumentation and data processing. He is a member of the Professional Engineers of Ontario, the Geological Association of Canada, the Society of Exploration Geophysicists, the European Association of Geoscientists and Engineers, KEGS and the Society of Professional Well Log Analysts.

F HRON graduated from Charles University in Prague with a diploma in geophysics in 1961 and a Ph.D. in physics in 1967. He spent eight years on the faculty in the Department of Mathematics and Physics at Charles University before coming to Canada in 1968. With the exception of the year 1973/74 when he was working as a Senior Staff Geophysicist at Amoco Canada, Dr. Hron has been associated with the University of Alberta, where he is currently a Professor of Physics. He has written over 70 scientific papers and 27 technical reports for the Amoco Research Center in Tulsa for which he was a consultant from 1972 until 1992. He was elected Fellow of the Royal Astronomical Society in 1987 and was awarded a major research prize by the Russian Academy of Sciences in 1993 for the discovery of S* waves and subsequent development of its theory. Dr. Hron's interests include theoretical seismology, computational seismology, seismic numerical modelling and computer inversion of seismic data. He is a member of the SEG, CSEG, AGU, CGU, SIAM, EAEG and the Seismological Society of America.

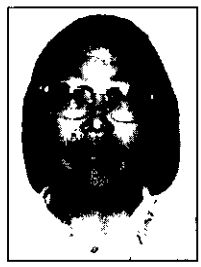
MICHAEL M. JONES received a B.Sc. in physics from the University of Bristol and an M.Sc. in physical oceanography from UCNW, Bangor. From 1984 to 1987 he was employed by Seismograph Service Corp. and from 1987 to the present by Schlumberger of Canada. His interests are shear waves, integration of logs and borehole/surface seismic data sets. He is a member of the SEG, CSEG and APEGGA.



LARRY LINES received a B.Sc. (1971) and an M.Sc. (1973) in geophysics from the University of Alberta and a Ph.D. (1976) in geophysics from the University of British Columbia. In 1976, Larry joined Amoco Canada in Calgary where he worked in the exploration department and was involved in some "serendipity reef" gas discoveries. In 1979, he transferred to Amoco's Research Center in Tulsa where he worked in the research areas of geophysical inversion, imaging and reservoir characterization and attained the position of research associate. In 1993, Dr. Lines was appointed as the NSERC/Petro-Canada chair in applied siesmology in the Department of Earth Sciences at Memorial University of Newfoundland. Larry shared the award for Geophysics Best Paper in 1988 and was SEG Distinguished Lecturer in 1991. He has served the Geophysical Society of Tulsa (GST) as Editor, First Vice-President and President and was recently granted Honorary Membership in that organization. Professor Lines has served as an SEG associate editor for Geophysics, SEG slide editor and special editor for IEEE. He has cowritten or coedited five books on geophysical inversion and imaging. He is currently the SEG translations editor as well as an editor for The Leading Edge and CJEG. Larry is a member of the SEG, EAEG, CSEG, GST, APEGGA, APEGN and Sigma Xi.



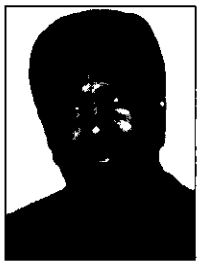
GANPAT S. LODHA has been involved in the application of geophysics to mining, geothermal, hydrocarbon exploration and waste disposal problems for the last thirty-two years. He has received Master's and Ph.D. degrees in geophysics from universities in India and Toronto, Canada, respectively. He is currently responsible for the development and testing of surface and borehole geophysical techniques in characterization of waste disposal sites. Dr. Lodha is Head of the Geophysics and Borehole Logging Section in the Applied Geoscience Branch of AECL Research and is an active member of the SEG, CSEG, KEGS and APEGGA.



HAN-XING LU studied physics at Fu Dan University in Shanghai, China and in 1982 received her M.Sc. from the Chinese Academy of Sciences and the Institute of Geophysics at the State Seismological Bureau in Beijing. During 1982-83 Han-Xing was a visiting scientist at Cornell University and from 1990 to 1995 worked as a research assistant in the Department of Earth Sciences at Memorial University of Newfoundland. In 1995, Han-Xing was a research assistant at Lithoprobe Processing Facility (The University of Calgary) working on research projects for Lithoprobe and the Memorial University Seismic Imaging Consortium.

STEPHANE NECHTSCHEIN received a B.Sc. in applied physics from Coventry Polytechnic, UK, after two years of studying physics at Grenoble, France. Stephane received an M.Sc. in geophysics from the University of Alberta in 1991. In 1992 and 1994 he was employed at the Laboratory of Geophysics and Tectonophysics in Grenoble and since 1993 has been working towards his Ph.D. at the University of Alberta. Stephane Nechtschein received a CSEG scholarship in 1990 and an ERASMUS scholarship in 1988. His interests are in wave propagation, seismic hazards and software development.

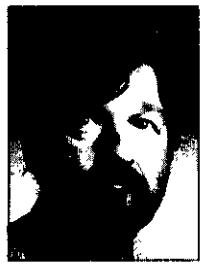
R. DON RUSSELL has a B.A. degree in physics and chemistry, an M.A. degree in electronics and a Ph.D. in geophysics, all from the University of Toronto. After five years as a faculty member in the Department of Physics of that university, he moved to the University of British Columbia, where he has been Director of the Institute of Astronomy and Space Sciences, Head of the Department of Geophysics and Astronomy, Associate Dean of Science and Associate Vice-President Academic, as well as Professor of Geophysics. His present position is Professor Emeritus of Geophysics. He is best known for his research in geochronology and in variations in the isotopic abundances of lead in ore minerals. In recent years he has turned his attention to geophysical exploration. His research has been strongly influenced by a deep interest in the physics of geophysical instrumentation.



MULUGETA H. SERZU obtained his B.Sc. in 1984 and completed his M.Sc. degree in geophysics in 1990 at the University of Manitoba, Canada. In 1985 he took a work term with Texaco Canada Resources in Calgary as exploration geophysicist. He joined AECL Research in 1989 as a geophysicist in the Applied Geoscience Branch and has been involved in cross-hole seismic tomography, shallow high-resolution seismic reflection surveys, and sonar profiling projects. His areas of interest include seismic imaging (migration, inversion) and seismic data processing. He is a member of the SEG and EAEG.

ROBERT R. STEWART graduated from the University of Toronto in 1978 with a B.Sc. in physics and mathematics. In 1983 he received a Ph.D. in geophysics from the Massachusetts Institute of Technology. During 1979-80 he was employed part-time with the Chevron Oil Field Research Company in La Habra, California where he worked with the rock physics group. In 1981-82 he worked with the Arco Exploration and Production Research Center in Dallas, Texas where he was involved with VSP analysis, software design and field work. From 1983 to 1985 he was employed by Chevron Geoscience Company, Calgary, as a processing geophysicist, and from 1985 to 1987 he was Senior Research Geophysicist with Veritas Software. He is currently an associate professor at The University of Calgary and holds the Chair in Exploration Geophysics.

At MIT, Dr. Stewart was involved in earthquake field studies in Peru, the Soviet Union and New England. In 1983, while he was a postdoctoral research associate at MIT, he edited a book on Advanced Concepts in Vertical Seismic Profiling. He is a past editor of the *Canadian Journal of Exploration Geophysics* and a lecturer for the SEG Continuing Education Program. He received the CSEG Best Paper Award in 1986. Dr. Stewart is a member of APEGGA, SEG, EAEG, CSEG, AGU and Sigma Xi.



DZINTARS K. TOMSONS graduated with a B.Sc. in geology from Concordia University in 1979. In 1980, he joined AECL to work as a geophysicist in the Canadian Nuclear Fuel Waste Management Program. From 1980 to 1986 he was seconded to the Earth Physics Branch in Ottawa, where he participated in the evaluation of the applicability of various geophysical techniques for site screening and site characterization. He has carried out detailed gravity surveys in Manitoba and Ontario and generated both gravity and magnetic field models. In 1986 he assumed responsibility of the conventional borehole logging system. He is a member of the Minerals and Geotechnical Logging Society.

WEN-JING WU graduated with a B.Sc. in physics from Fu Dan University in Shanghai, China in 1967. Following graduation he worked at many different positions during the Cultural Revolution in China. He then received his M.Sc. in 1981 and his Ph.D. in 1985 from the Institute of Geophysics, State Seismological Bureau in Beijing. Until 1986 he worked in the Institute of Geophysics, State Seismological Bureau, as a Research Associate and at the Chinese Academy of Sciences as a lecturer. He then taught applied geophysics at the University of Manitoba and worked as a Research Associate at Memorial University in global geodynamics from 1986 to 1993. During 1994-1995, Wen-Jing was a Research Associate with the Memorial University Seismic Imaging Consortium. In 1995, he joined Geo-X Systems as a research scientist where he is currently employed. Dr. Wu is a member of AGU and CGU.

JINMING ZHU received his B.S. and M.S. degrees in applied geophysics in 1985 and 1988, both from Petroleum University in China. He worked for the Bureau of Geophysical Prospecting in China as a research geophysicist from 1988 until 1994 when he began his postgraduate studies at the Memorial University of Newfoundland. He is currently working toward his Ph.D. in applied seismology. His main areas of interest include seismic data processing, imaging, velocity analysis and borehole seismics. He is a member of the SEG, CPS (Chinese Petroleum Society) and CGS (Chinese Geophysical Society).