## Acknowledgements

The work reported in this paper represents the collective effort of as many as ten dedicated individuals — student assistants, research colleagues, and visiting scientists. Drs. Tianfei Zhu and Richard J. Kokoski, principal contributing scientists working on the project, have helped shape the programme through its various phases. Part of the work reported here has been the result of a fruitful collaboration between Prof. Futian Liu and myself. The research would not have been possible without the generous assistance and advice lent to me by Profs. Gordon F. West and George D. Garland of the University of Toronto, and by Drs. Robert G. North and Peter Basham of the Geological Survey of Canada.

I have benefitted from many valuable discussions held with my American colleagues, notably, Drs. Winston Chan, Zoltan Der, Keith McLaughlin, and the late Prof. Otto Nuttli of Saint Louis University.

I thank the Arms Control and Disarmament Division of External Affairs and International Trade Canada for its encouragement and financial support.

I am indebted to Mr. F.R. Cleminson, without whose forceful persuasion this report would never have been completed this year — or next.