

ACKNOWLEDGEMENTS

The research for this dissertation could not have been completed without the support of a number of individuals. Dr. Rich Revel played an important role in trying to keep me focused on the task at hand and provided useful guidance throughout. My colleagues at Associated Mining Consultants Ltd. and Associated Geosciences Ltd. provided geophysical equipment, software and moral support from the outset of the research especially my good friends Mark Bowman, Colleen Wright, Joe Gouthro and Alan Craven.

Dr. John Clague undertook a thorough review of my dissertation on two occasions providing constructive criticism which ultimately resulted in significant improvements to the work. Dr. Mryka Hall-Beyer, Dr. Richard Levy, and Dr. David Manz were committee members who also provided guidance in preparation of the dissertation. I would like to thank Dr. R. Baydack for his input as the External Examiner.

During the research, I met a number of residents of North and South Pender Islands and all were very supportive of my research. Tekla and William Deverall provided accommodations while I conducted research on the islands as well as hosting several dinner parties to introduce me to island residents. The Deverall's and Helen Allison also helped to arrange a presentation to island residents which provided an opportunity to better understand the pressing water issues on the islands.

My wife, Patricia, and daughters, Jilian and Meredith, provided support and encouragement during what has been a difficult and stressful time for us all. My daughters also allowed me to attend the same university as them making for interesting dynamics. Patricia was my field assistant for the geophysical surveys providing her some insight into what has occupied my career for the last three decades. With the completion of this document, my wife now has her husband back.