ACKNOWLEDGEMENTS

I express my deep sense of gratitude and heartfelt thanks to my research supervisor Dr. S. SRIKANTASWAMY, Associate Professor, Department of Studies in Environmental Science, University of Mysore, Manasagangotri, Mysore - 570006, for his able guidance and constant encouragement throughout the research period.

I express my gratitude and thanks to Prof. G S. Gopalakrishna, Professor and Chairman, Department of Studies in Earth Science for facilities extended during the course of research.

I am grateful to Prof. K. Byrappa, Vice-Chancellor, Mangalore University, for the support to carry out my research work. I would like to express my gratitude to Prof. H.T. Basavarajappa, Prof. B. Basavalingu, Prof. S. Govindaiah, Prof. M. Shankar, Prof. K.G. Ashamanjari, DOS in Earth Science, University of Mysore, Mysore-570006, who helped me directly or indirectly during my study in the department.

My special regards and sincere thanks to my Father in law C. S. Puttaraju MP for their support. I express my thanks to Mr. Raju, Ms. Hema and non teaching staff members of the DOS in Earth Science, University of Mysore, for their help and support during my research work.

I am also thankful to my research colleagues Dr. D. Shivakumar, Dr. Harish Kumar B.K, Dr. Kiran B.M, Dr. Shakuntala Bai. Jagadish and Mrs. Shruthi. L, Department of Studies in Environmental Science, for co-operation during my research work.

Also thankful to my research colleagues Vishwa, Jeevan, Vivek, Manju, Vinutha, Komala and Radha Department of Studies in Earth Science, for co-operation during my research work.
My special regards are due to my Parents Siddegowda. S and Prema S for their love and co-operation during my research work. My regards to my Husband, M. S. Raghu for his continuous encouragement and support.

I extend my gratitude to my sister Asha and my brother Ashok for their encouragement through the research work and deep sense of gratitude to all my relatives and friends for their support directly or indirectly throughout my research work.

SUSHEELA S