ACKNOWLEDGMENT

The author wishes to express his sincere thanks and deep sense of gratitude to Dr. D. JAYAKUMAR, M.A., M.Sc., Ph.D., and Head, Department of Geology, P.G. Extension Centre, University of Madras, Govt. College of Engineering Campus, Salem-11, for his unstinted efforts, invaluable guidance and constant encouragement throughout the work.

The author sincerely expresses his thanks to the Chief Executive Officer, MALCO, Madras, for granting permission to carry out the work. He thanks to Thiru S. Nagaraja Rao, Adviser (Mines, MALCO), Salem, for granting permission and arranging transport facility to carry out the field investigation.

The author expresses his heart felt thanks to Thiru S. Natarajan, Superintendent (Mines, MALCO) Kollimalai Hills for providing necessary chemical data and for having had a detailed discussion with him about Kollihills.

The author takes this opportunity to thank the Director of Technical Education, Madras, for granting necessary permission to undergo the higher study. He expresses his heart-felt thanks to Dr. P.S. Natarajan, Principal, Govt. College of Engineering, Salem-11 and Dr. M. Shanmugam, Professor and Head of Department of Civil Engineering, Govt. College of Engineering, Salem, for their encouragement during the course of study. He is deeply
indebted to Thiru M.S. Anand, M.Sc., A.I.S.M., Assistant Professor of Geology, Govt. College of Engineering, Salem-11 for his valuable suggestion and help in various capacities. He expresses his thanks to all the staff members of Civil Engineering Department, Govt. College of Engineering, Salem for their help and co-operation in various ways during the course of study.

The author expresses his thanks to Thiru Krishnamoorthy, Assistant Director, Geological Survey of India, Madras for granting permission to avail necessary reference pertaining to the Kollimalai Hills, at the office of the Geological Survey of India, Madras. He expresses his sincerest thanks to Dr. G. Krishna Rao, Reader, Dept. of Geology, Andhra University, for sending the reprints on Bauxite of the Shevaroys and Kollimalai Hills, Salem Dt, Tamil Nadu.

The author wishes to thank Thiru S.V. Govindaraju, M.Sc, Assistant Professor and Thiru. V. Manivannan, M.Sc., M.Phil, Asst. Professor, Govt. Arts College, Salem-7 for their help in arranging to prepare the thin sections at A.C. College Campus, Madras-25. Thanks are also due to Mr. A.M. Gajapathy, B.E. Deputy Director, and P. Gurusamy, B.E., Assistant Engineer, P.W.S. Training Institute, Salem for providing necessary Toppsheets.

The author expresses his kind hearted thanks to his parents, brothers and all family members for motivating to carry out successfully the work. He wishes to thank his wife, Tmt. Tamilselvi, M.Sc., for her kind co-operation all through the study.