ACKNOWLEDGEMENTS

The author is deeply indebted to Professor S.S.Merh, Head, Department of Geology, M.S. University of Baroda, Baroda, under whose guidance and supervision the investigation was conducted. But for his all round help, assistance and critical scrutiny, the author could not have completed this thesis.

The author feels greatly indebted to Dr.S.J. Desai, Dr. N.M. Vashi, Dr. M.P. Patel, Dr. O.K. Shah, Dr. S.K. Munshi, Dr. A.N. Shah, all of the Department of Geology, for help and co-operation in various ways during the course of the investigations. His thanks are specially due to Shri S.G. Patel for assisting the author in preparing the illustrations of the thesis.

He is thankful to his colleagues, Shri B.N. Upreti, and Shri S.R. Naik for their help during the course of preparation of the thesis.

Help from Shri R.K. Parmar, Shri B.M. Chauhan and Shri V.F. Bhavsar is also thankfully acknowledged. The author also wishes to gratefully acknowledge the financial assistance from the U.G.C.