ACKNOWLEDGEMENT

It is a great pleasure to me to express my deep sense of gratitude to Dr.N.G.Zunjurwad, Ex.Principal and Head of the Chemistry Department, D.B.F.Dayanand College of Arts and Science, Solapur, for his constant interest, inspiring guidance and fruitful discussions during the work.

I thank sincerely to Principal Dev Raj Gupta, Local Secretary, Dayanand Institutions, Solapur, for providing me the necessary facilities to carry out the research work.

I wish to express deep sense of gratitude towards Prin.Dr.M.K.Zambre, D.B.F.Dayanand College of Arts & Science, Solapur, Shri H.K.Sadafule, Head of the Chemistry Department, Shri S.V.Tagare, for their keen interest and the encouragement given during the course of investigations.

It is not possible to forget timely help given during the course of investigations by Dr.R.V.Anyapanawar, Lecturer in Chemistry, Sangameshwar College, Solapur. And also to Dr.R.K.Sukhtankar, Head of the Geology Department, P.G.Centre, Solapur and Shri P.D.Mali for providing the microphotographic facilities.

I also thank to Shri M.P.Gehdoo, all my colleagues and friends for their co-operation.

I will be failing in my duty if, I do not mention the name of Shri P.M.Bhagwat for his constant help during the course of this work.

Finally, I am thankful to Mrs.R.N.Deshpande for the neat and careful typing of the dissertation work.

Solapur

27 Nov. 1991

[Vijaykumar P.Ubale]