ACKNOWLEDGEMENTS

I sincerely wish to express my deep gratitude to my supervisor Dr. Khursheed Akhtar for his valuable guidance, advice and keen interest. Indeed without his help it would have been difficult for me to have this study in its present shape.

I am thankful to Prof. S.N. Bhalla, Chairman, and Prof. S.M. Casshyap, Ex-Chairman, Department of Geology, Aligarh Muslim University, Aligarh, for providing research facilities.

I am thankful to my colleagues Messers A.H.M. Ahmad M.M.Khan, M.Alam and A.Z.Khan for their valuable suggestions and discussions.

Thanks are due to my friends Messers Ahmad Ali Khan and Rashid Umar for their kind cooperation.

The author received a Junior Research Fellowship of the Council of Scientific and Industrial Research (CSIR) of India from October 1985 to September 1988 to work on this project.

Thanks are due to Messrs Nuka Nageswara Rao and V.Srinivas for typing and preparing drawings.

(DABEER AHMAD KHAN)