ACKNOWLEDGEMENTS

The author wishes to express his gratitude to Prof. S.S. Merh, under whose supervision this investigation was carried out. But for his constant help and guidance the author would not have been able to complete the investigation.

His thanks are also due to the entire team of Research Workers of the Geology Department, who gave sustained co-operation and round the clock assistance during the preparation of the thesis.

The author is further grateful to the various staff members who helped him in many ways.

Lastly the author gratefully acknowledges the financial help from the C.S.I.R., received by him for conducting the studies.

- xii -