ACKNOWLEDGEMENT

I thank The Almighty God for His presence and guidance throughout the course of this study.

I would like to record my gratitude to Prof. R.P. TIWARI, Department of Geology, Mizoram University, for his supervision, advice, and guidance from the very early stage of this research as well as giving me extraordinary experiences throughout the work. Above all and the most needed, he provided me unflinching encouragement and support in various ways. I am indebted to him more than he knows.

I wish to express my deep sense of gratitude to Dr. SHIVA KUMAR, Reader and Head, Department of Geology, Mizoram University, for his encouragement and support.

I gratefully acknowledge Dr. U.B. RAO, Assistant Professor, Department of Geography, Mizoram University, for his advice, and crucial contribution which made him a backbone of this research and so to this thesis. He has made available his support in a number of ways. Dr. Rao, I am grateful in every possible way and hope to keep up our collaboration in the future.

Many thanks goes to my friend Mr. Z.D. LALTANPUIA, Scientist ‘B’, Mizoram Remote Sensing Application Centre, Department of Science and Technology, Govt. of Mizoram, for his valuable help in preparing the thematic maps for this research. Without his help this thesis would not be exist.

I also wish to thank all the research scholars and staffs of Department of Geology, Mizoram University for their support in various capacities.

Finally, I wish to express my sincere thanks to the authorities of Mizoram University, for providing various facilities in this work.

Aizawl: 14th December, 2010

(H. LAWMKIMA)