

**DEPARTMENT OF GEOLOGY  
ALIGARH MUSLIM UNIVERSITY**

*Dr. Syed M. Zainuddin*

M.Sc., Ph.D. (U.S.A.), Sigma Xi (U.S.A.)  
F. G. S. (India)



Aligarh...7.9.1978

This is to certify that Mr. Mohd. Ismail Bhat has completed his research work, presented in this thesis, under my supervision for the degree of Doctor of Philosophy of the Aligarh Muslim University, Aligarh. This work is original and has not been submitted for any other degree at this or any other university.

*Syed M. Zainuddin*

(Syed M. Zainuddin)