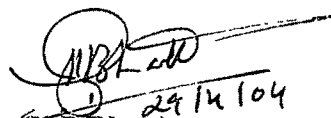


CERTIFICATE

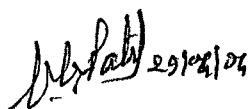
This is to certify that the contents of this thesis comprise original research work of the candidate and have at no time been submitted for any other degree. The candidate has fulfilled the requirements regarding attendance contained in O.Ph.D. 3 (i).



(U.A. Bhonde)
Candidate



(N.P. Bhatt)
Guiding Teacher



Head
Department of Geology