## S University

## DECLARATION

I, Mr. Alok Kumar, hereby declare that the research work incorporated in the present thesis entitled "Geochemical and isotopic studies of rocks from the Barren Island Volcano and Andaman subduction zone, India" is my own work and is original. This work (in part or in full) has not been submitted to any University for the award of a Degree or a Diploma. I have properly acknowledged the material collected from secondary sources wherever required. I solely own the responsibility for the originality of the entire content.

for Kuman (Alok Kumar)

Date: 13/12/2011

Certified by:

Jn Tirmin S. Ray Dr. J.S. Ray (Supervisor),

Associate Professor Physical Research Laboratory, Ahmedabad – 380009, India

Countersigned by

Head of the Department Department of Geology Faculty of Science M. S. University of Baroda, Vadodara – 390002, India