

UID: 198402

Field Report

A fieldwork report on the Tertiary Stratigraphy of Kachchh, Gujarat

(15th Dec 2019 to 27th Dec 2019)



By
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M.Sc I

Submitted to

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CERTIFICATE

This is to certify that Mr. Shanan Dsilva Class- M.Sc.-I UID No- 198402 has successfully carried the compulsory field work at Kachchh in Gujarat State from 16th December, 2019 - 25th December 2019 as a part of the curriculum.

Field Instructors



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ABSTRACT

This fieldwork was carried out in the western part of Kachchh basin in Gujarat, India. Here the rocks belonging to Tertiary Period are exposed in a crescent form, with the older rocks including the Deccan Basalts at the centre while the younger rocks are exposed along the periphery (Figure 1). Study was done on the Paleogene sequence which is divided into five formations. Type sections of all the five formations were visited and logged, along with a few reference sections. Rock samples as well as macro fossils were collected in situ for further analysis. Thus this study includes the lithology, environment of deposition, sedimentary structures and the fossil assemblage of these Paleogene formations.