

UID: 198406

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

Department of Geology
St. Xavier's College, Mumbai
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CERTIFICATE

This is to certify that Mr. David Fernandes Class- M.Sc.-I UID No- 198406 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



Dr. Shweta Gurav

Field Instructors



Mr. John Dsouza



Dr. Pravin Henriques
Head,
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ABSTRACT

The Field work was carried out in the Kachchh district of Gujarat from 16th December to 25th December 2019 around the cities of Naredi, Harudi, Bermoti, Khari, Matanomadh and Lakhpat. The main objective of the field trip was to study the Tertiary sediments of the western part of the Kachchh basin. The basin includes the the Matanomadh Formation at the bottom followed by Naredi Formation, Harudi Formation, Fulra limestone Formation, Maniyara Fort formation, Khari Nadi Formation, Chhasra Formation and is topped by the Sandhan Formation. A detailed study was carried out on the lithologies, fossil assemblages and geological structures on the Matanomadh, Naredi, Harudi, Fulra Limestone and Maniyara Fort Formation. Hand samples were collected from these formations and sedimentary logs were also created.