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## 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 Ms. Ms. Amruta Parte Class- M.Sc.-I UID No- 198413 has successfully carried the compulsory field work at Kachchh in Gujarat State from 16<sup>th</sup> December, 2019 - 25<sup>th</sup> 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 western part of Kachchh basin, Gujarat. Five Paleogene formations viz., Matanomadh, Naredi, Harudi, Fulra and Maniyara Fort Formations were studied in detail with respect to their lithology, sedimentology and to understand the environment of deposition. Exposures of these formations were studied in and around the village Ber Moti, Harudi, Khari, Lakhpat, Matanomadh and Naredo. All the sections were measured along their type sections except for Fulra Limestone Formation and lithologs for the same were created. To understand the lithological changes and to further study the fossil assemblage rock samples and fossils were collected in situ. Thus, this study includes the lithology, environment of deposition, sedimentary structures and the fossil assemblage of the Paleogene sediments of Kachchh.