

Vadodara Chapter of SPG organise a Geological Field Trip to Champaner & Ramseri

SPG, Vadodara chapter organised a geological field trip to Pavagarh-Jambughora-Ramseri area on 1st February, 2014. Around 35 members participated in the program including Basin Manager Mr G C Katiyar, who is also the patron of the Chapter. The event was jointly organised with APG, Vadodara Chapter.

Dr. Atul Joshi, an eminent geoscientist from Deptt. of Geology, MSU Baroda, enthusiastically lead the field trip as faculty and guide.

The first stop was near the bank of Vada Talav from where one can see the Deccan exposed in the form of Pavagarh hill housing the famous Mataji temple and also the highly dipping low metamorphosed Quartzite rocks exposed.

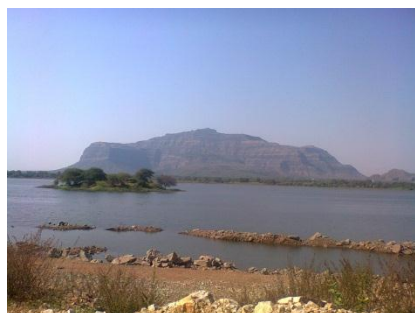
A little distance ahead on the road turning towards Bodeli town, the classical plunging fold can be seen intact despite the metamorphism and weathering.



Group Before the departure from Vadodara posing with Patron



Near Vada-Talab, Pavagarh, Members along with patron SPG/APG, Vadodara Chapter, Mr G C Katiyar & Mr U S D Pandey, President SPG, Vadodara Chapter



Deccan Exposures



Highly Dipping Quartzite



Plunging Anticline



Granite Xenoliths partly derived from the Basal Part of Champaner Succession near Shivrajpur



Group marching towards Abandoned
Manganese Mines and Quarries



Tight Folds with mineralisation along the
bedding planes



Group posing at a school, the venue for lunch



Dolomitic limestone with weathering features like elephant skin and crocodile skin weathering.



Conglomerate with small pebbles

Lastly, the group visited the river near Ramseri village, where the lower Jurassic Nimar Sandstone of about 30 m thickness is exposed. The clean conglomeritic Nimar SSt rests unconformably over the Quartzite of Aravali Super Group and exhibits wide, open orthogonal set of fractures. This occurrence of Nimar SSt is significant as it could be the provenance for Tertiary sand and also could be present below comparatively thin Trap on the eastern margin of Cambay Basin.



Dr Atul Joshi from Department of Geology, MSU
Guiding the Group



Classical Angular Unconformity near
Ramseri Village



Reconnaissance was done by Prof S Ganapathi & Prof Atul Joshi from MSU and Mr Tarun Shah, Vice President, APG, Vadodara Chapter & Mr. K P Singh, Secretary, SPG, Vadodara Chapter on 14th January, 2014