

Itinerary for Field-work in Marwar Supergroup

- January 10, 2011, Day-1:** Arrive to Jodhpur by early afternoon. Check-in Hotel. Observations on Radar Hill to study contact of Jodhpur Group (Sonia Sandstone Formation with underlying Malani Volcanics. Evening visit to Jodhpur Fort. Overnight in Jodhpur.
- January 11, 2011, Day-2:** Visit to study the basement of the Jodhpur Fort for the study of Sonia Sandstone Formation. Study the Middle part of the Jodhpur Group corresponding to the Upper Part of the Sonia Formation exposed in quarry sections in Sursagar / Fedusar area around Jodhpur city. A few more sections of this formation can be examined on Mandore Road in Jodhpur city. In the afternoon field-party can observe the upper part of the Sonia Sandstone Formation, constituted of red siltstone in front of M/S Raj Rocks Cutting facility, in contact with the Girbhakar Formation in Beriganga village. Overnight in Jodhpur.
- January 12, 2011, Day-3:** Traverse to Artiya Kalan to study the siltstone representing the Upper Part of the Sonia Sandstone Formation that yielded cyclomedusa fossils *Marsonia artiyensis* like features. In the afternoon, visit to Ustaran on Artiya Kalan-Bhoplagarh Road to study the occurrence of characteristic nodules near Parsvanath Jain Temple 3 km before Ustaran. Overnight in Jodhpur.
- January 13, 2011, Day-4:** Camp Shift to Nagaur District. The Bilara Group (Middle part of the Marwar Supergroup) is best exposed near Bilara, Dhanapa, Ransigaon and Ghargrana villages. In the forenoon Dhanapa and Gotan Formations of the Bilara Group will be examined. In the afternoon Pondlu Formation (Bilara Group) and Tunkliyan Formation (Nagaur Group) will be examined. Overnight in Nagaur.
- January 14, 2011, Day-5:** Visit to Chhoti Khatu and Bari Khatu hillocks in Nagaur District for the study of the Sonia Sandstone Formation (Jodhpur Group). Overnight in Nagaur.
- January 15, 2011, Day-6:** Camp Shift to Bikaner District. On the way to Bikaner, in the afternoon, visit to Geological Survey of India (GSI) Core Shed in Lakhasar viewing the Hanseran Group Evaporites and interbedded carbonates (age equivalents of the Bilara Group at the outcrop). It is subject to permission by the GSI. Overnight in Bikaner.
- January 16, 2011, Day-7:** Visit to Dulmera area to study the Cambrian Nagaur Sandstone Formation (Nagaur Group). Overnight in Bikaner.
- January 17, 2011, Day-8:** Visit to quarry sections around Dulmera area to study the Cambrian Nagaur Sandstone Formation (Nagaur Group). Overnight in Bikaner.
- January 18, 2011, Day-9:** Visit to Pokhran area to study Pokhran Boulder Bed in Gaphur Ki Dhani (Lower most unit of Jodhpur Group) and Bap Boulder Beds on way to Jaisalmer. Overnight in Jaisalmer.
- January 19, 2011, Day-10:** Visit to Birmania for Birmania Phosphorite equivalent to Bilara Group in Barmer District. Return to Jodhpur. Overnight in Jodhpur.

Next Day departure to either Lucknow or Delhi.