Results from laboratory analysis of soil samples collected in arid region of Thar Desert Region falling in Rajasthan state of India. Primarily the sample points falls in Jaisalmer and Bikaner districts. The data represents location of the samples, soil fragments at surface (0-5 cm) and subsurface (5-15 cm) along with pH values.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sample Id.** | **Location**  **(latitude, longitude)** | **Soil fragments (%), texture class and pH at Surface** | | | | |  | | **Soil fragments (%), texture class and pH at subsurface** | | | | | | | | | |
| **Sand** | **Silt** | **Clay** | **Texture** | **pH** |  | | **Sand** | | **Silt** | | **Clay** | | **Texture** | | **pH** | |
| 1 | **26.4696N, 72.41080E** | 83.15 | 7.91 | 8.94 | LS | 8.98 | | 82.83 | | 8.05 | | 9.11 | | LS | | 8.44 | |
| 2 | **27.1005N, 71.84538E** | 85.63 | 7.32 | 7.05 | LS | 8.84 | | 79.09 | | 9.66 | | 11.26 | | SL | | 8.54 | |
| 3 | **27.0628N, 71.55770E** | 84.42 | 7.15 | 8.44 | LS | 8.78 | | 82.03 | | 8.33 | | 9.63 | | LS | | 8.62 | |
| 4 | **26.9898N, 71.27500E** | 81.83 | 8.07 | 10.10 | LS | 9.07 | | 82.96 | | 7.74 | | 9.30 | | LS | | 8.87 | |
| 5 | **26.7136N, 70.78195E** | 82.12 | 8.87 | 9.02 | LS | 8.67 | | 82.38 | | 8.52 | | 9.10 | | LS | | 8.80 | |
| 6 | **26.5030N, 70.59525E** | 82.59 | 8.07 | 9.34 | LS | 8.84 | | 83.76 | | 7.79 | | 8.44 | | LS | | 8.53 | |
| 7 | **26.2609N, 70.32948E** | 80.86 | 8.45 | 10.68 | LS | 8.94 | | 78.72 | | 10.00 | | 11.28 | | SL | | 9.94 | |
| 8 | **26.7207N, 70.59396E** | 80.79 | 8.54 | 10.67 | LS | 8.97 | | 77.83 | | 11.06 | | 11.10 | | SL | | 8.85 | |
| 9 | **26.8520N, 70.37035E** | 82.96 | 7.80 | 9.24 | LS | 9.09 | | 81.85 | | 8.44 | | 9.70 | | LS | | 9.10 | |
| 10 | **27.3970N, 70.10081E** | 84.05 | 7.26 | 8.70 | LS | 9.04 | | 78.13 | | 10.47 | | 11.40 | | SL | | 8.90 | |
| 11 | **27.4063N, 70.10398E** | 83.03 | 8.62 | 8.36 | LS | 9.09 | | 86.30 | | 7.56 | | 6.14 | | LS | | 9.10 | |
| 12 | **27.3979N, 70.47333E** | 81.28 | 10.18 | 8.54 | LS | 9.04 | | 81.90 | | 9.28 | | 8.83 | | LS | | 8.23 | |
| 13 | **27.3154N, 70.25844E** | 80.91 | 10.61 | 8.47 | LS | 8.93 | | 82.13 | | 7.66 | | 10.21 | | LS | | 8.73 | |
| 14 | **27.6070N, 70.82793E** | 80.85 | 10.35 | 8.79 | LS | 8.97 | | 82.08 | | 8.17 | | 9.75 | | LS | | 9.02 | |
| 15 | **27.4218N, 70.66792E** | 64.78 | 15.69, | 19.52 | SL | 8.78 | | 79.79 | | 8.99 | | 11.22 | | SL | | 8.89 | |
| 16 | **26.8719N, 70.73070E** | 63.37 | 15.16 | 21.47 | SCL | 8.55 | | ----------------------------------------------Bed Rock---------------------------------------------- | | | | | | | | | |
| 17 | **27.7158N, 72.61329E** | 81.15 | 9.04 | 9.81 | LS | 8.99 | | 78.95 | | 8.64 | | 12.41 | | SL | | 9.80 | |
| 18 | **28.2428N, 72.87561E** | 86.94 | 6.10 | 6.96 | LS | 9.09 | | 84.39 | | 6.98 | | 8.63 | | LS | | 8.90 | |
| 19 | **28.7009N, 72.57739E** | 86.54 | 6.57 | 6.90 | LS | 9.18 | | 86.98 | | 5.89 | | 7.12 | | LS | | 9.10 | |
| 20 | **28.3368N, 72.50182E** | 86.94 | 6.47 | 6.58 | LS | 9.20 | | 83.82 | | 7.40 | | 8.79 | | LS | | 9.08 | |
| 21 | **28.1500N, 72.28039E** | 84.96 | 6.99 | 8.06 | LS | 9.32 | | 79.46 | | 10.49 | | 10.05 | | SL | | 9.20 | |
| 22 | **28.2106N, 73.29822E** | 80.84 | 9.39 | 9.78 | LS | 8.79 | | 81.83 | | 8.40 | | 9.77 | | LS | | 9.08 | |
| 23 | **27.9445N, 73.39958E** | 86.97 | 6.23 | 6.79 | LS | 9.08 | | 81.32 | | 8.96 | | 9.73 | | LS | | 9.26 | |
| 24 | **27.0425N, 73.58113E** | 81.14 | 9.32 | 9.55 | LS | 9.07 | | 55.77 | | 19.14 | | 25.08 | | SCL | | 9.72 | |

LS: Loamy sand; SCL: Sandy clay loam; Sandy loam