

96. **Verma, B. and Patel, A.P. 1969.** Erosion studies of soils of the Mahi ravines in Gujarat. *Indian J. Agric. Sci.*, 39(6):512-522.

Soil physical properties for 12 typical profiles exposed at Vasad (Gujarat) are reported. Considering erosion ratio as a qualitative expression of susceptibility to erosion for layers in the profiles and other influencing factors like climate, topography and landuse, the possibilities of sheet and gully erosion are discussed. The behaviour of erosion can be predicted by considering these factors. Clay ratio, moisture equivalent, percolation ratio, dispersion ratio, percent clay and colloid moisture equivalent ratio are correlated with erosion ratio.