

Report on
Detailed Soil Survey and Land Use of Behta Nala, sub-Catchment,
a part of Gomti Catchment consisting of 39 (thirty nine) sub-
watersheds falling under Hardoi, Lucknow and Unao districts,
Utter Pradesh.

ABSTRACT

1. Survey area: Behta Nala, part of Gomti
Catchment, Districts Hardoi,
Lucknow and Unao (U.P)
2. Total area : 97044 ha.
3. Kind of Survey: Detailed Soil Survey
4. Period of Survey: November 1989 to July 1992.
5. Location : 26°50' to 27°-18' N. Latitude
80°-16 to 80° .53' E. Longitudes
6. Climatic Zone: Upper Gangetic Plain Region.
7. Total No. of villages falling
in the Behta Nala. } 355

Soil series mapped and their extent

| S No. | Name of the series | Total area in ha. | Percentages |
|-------------|--------------------|-------------------|-------------|
| 1. | Asodar (A) | 7012 | 7.2 |
| 2. | Bari (B) | 464 | 0.4 |
| 3. | Banawan (BN) | 1225 | 1.3 |
| 4. | Hamirpur (H) | 21350 | 22.0 |
| 5. | Jairampur (J) | 518 | 0.5 |
| 6. | Kankrabad (KB) | 285 | 0.3 |
| 7. | Palthera (MR) | 486 | 0.5 |
| 8. | Mishripur (M) | 19867 | 20.6 |
| 9. | Mohsand (MD) | 3420 | 3.5 |
| 10. | Nagwa Mau (NM) | 23022 | 23.7 |
| 11. | Rahima Bad (R) | 6228 | 8.5 |
| 12. | Salim pur (S) | 1848 | 1.9 |
| 13. | Teergaon (T) | 979 | 1.0 |
| Sub Total | | 88704 | 91.4 |
| 14. | Waterlogged | 93 | 0.1 |
| 15. | Underwater | 3264 | 3.4 |
| 16. | Misc. Land | 4983 | 5.1 |
| Sub-Total | | 8340 | 8.6 |
| Grand Total | | 97044 | 100.0 |