

Report on Detailed Soil Survey and Land Use of Nv1x, Nv5b, Nv5d, Nv5f, Nv5g, Nv5h, Nv5j, Nv5k & Nv5m Subwatersheds, Narmada Catchment, Tahsil-Niwas, District-Mandala, Madhya Pradesh

ABSTRACT

- **Surveyed Area** : Subwatersheds Nv1x, Nv5b, Nv5d, Nv5f, Nv5g, Nv5h, Nv5j, Nv5k, & Nv5m; Narmada Catchment, Tahsil-Niwas, District-Mandla, Madhya Pradesh
- **Total Area Reported and Mapped** : 18,062 ha
- **Type of Survey** : Detailed Soil Survey
- **Period of Survey** : December 98 to March 1999
- **Soil Series mapped and area covered by each**

Area in ha (%)

| S. No. | Soil Series | Total Area | Subwatersheds | | | | | | | | |
|--|---------------|-----------------|----------------|----------------|----------------|---------------|---------------|-----------------|-----------------|-----------------|---------------|
| | | | Nv1x | Nv5b | Nv5d | Nv5f | Nv5g | Nv5h | Nv5j | Nv5k | Nv5m |
| 1. | Amla (A) | 3,070 (17.0) | 478 (19.4) | 231 (11.8) | 265 (9.6) | 59 (6.9) | 61 (6.7) | 564 (23.4) | 221 (9.2) | 253 (12.4) | 938 (41.5) |
| 2. | Devlan (D) | 323 (1.8) | 287 (11.7) | - | 13 (0.5) | - | - | 23 (1.0) | - | - | - |
| 3. | Jamli (JM) | 678 (3.7) | 18 (0.7) | - | 175 (6.3) | 104 (11.8) | 162 (17.9) | 143 (5.9) | 62 (2.6) | 5 (0.3) | 9 (0.4) |
| 4. | Khardi (KH) | 9,011 (49.9) | 1060 (43.2) | 1243 (63.6) | 1388 (50.2) | 164 (18.6) | 329 (36.3) | 1,076 (44.6) | 1,613 (67.6) | 1,211 (59.5) | 927 (41.0) |
| 5. | Kalpi (KL) | 299 (1.6) | 146 (5.9) | - | 27 (1.0) | - | - | 54 (2.2) | - | 11 (0.5) | 61 (2.7) |
| 6. | Mandla (M) | 308 (1.7) | 30 (1.2) | - | - | 278 (31.5) | - | - | - | - | - |
| 7. | Palkha (PL) | 3,129 (17.3) | 386 (15.7) | 478 (24.4) | 521 (18.9) | 108 (12.2) | 101 (11.2) | 357 (14.8) | 362 (15.2) | 501 (24.6) | 315 (13.9) |
| 8. | Tikariya (TK) | 828 (4.6) | - | - | 331 (12.0) | 55 (6.2) | 215 (23.8) | 146 (6.0) | 47 (2.0) | 28 (1.4) | 6 (0.3) |
| Total | | 17,646 | 2,405 | 1,952 | 2,720 | 768 | 868 | 2,363 | 2,305 | 2,009 | 2,256 |
| Others (Hab., River, Road, Tank, etc.) | | 416 (2.4) | 54 (2.2) | 3 (0.2) | 42 (1.5) | 115 (13.0) | 37 (4.1) | 52 (2.1) | 81 (3.4) | 27 (1.3) | 5 (0.2) |
| Grand Total | | 18,062 | 2,459 | 1,955 | 2,762 | 883 | 905 | 2,415 | 2,386 | 2,036 | 2,261 |

