

**REPORT ON DETAILED SOIL AND LAND USE OF NO. 34/4  
(MF1g, MF1h, MF2a, MF2b, MF2c, MF2d AND MF3a )  
PRIORITY SUBWATERSHEDS OF DAMODAR RIVER VALLEY  
PROJECT, MAITHON DAM CATCHMENT, DISTT. GIRIDIH  
BIHAR STATE**

**ADSTRACT**

1. Survey area: Maithon Dam Catchment Subwatershed No. 34/4 of D.V.C. (MF1g, MF1h, MF2a, MF2b, MF2c, MF2d and MF3a Subwatersheds).
2. (a) Total area surveyed: 16,207 ha.  
(b) Period of survey: June '85 and December '85 to January '86.  
(c) Type of survey: Detailed soil survey.
3. Soil series mapped and area covered by each in ha.

| Sl No.        | Soil series                     | Area in ha. & %        | Mf1g           | Mf1h           | Mf2a          | Mf2b           | Mf2c           | Mf2d           | Mf3a           | Total soil mapping units |
|---------------|---------------------------------|------------------------|----------------|----------------|---------------|----------------|----------------|----------------|----------------|--------------------------|
| 1             | 2                               | 3                      | 4              | 5              | 6             | 7              | 8              | 9              | 10             | 11                       |
| 1.            | Amra (AR)                       | 1105<br>(6.8)          | 303<br>(14.4)  | 50<br>(2.4)    | 33<br>(2.3)   | 221<br>(10.5)  | 214<br>(9.0)   | 160<br>(5.1)   | 36<br>(1.6)    | 3                        |
| 2.            | Dumka (D)                       | 8641<br>(53.3)         | 1035<br>(60.9) | 1211<br>(57.0) | 651<br>(45.4) | 1080<br>(51.4) | 1197<br>(50.3) | 1569<br>(47.5) | 1090<br>(49.9) | 4                        |
| 3.            | Karaya (K)                      | 1324<br>(8.2)          | 40<br>(1.8)    | 103<br>(4.9)   | 111<br>(7.7)  | 530<br>(16.1)  | 130<br>(5.5)   | 430<br>(13.2)  | 200<br>(13.1)  | 3                        |
| 4.            | Lachim-<br>pur (L)              | 2550<br>(15.0)         | 291<br>(10.9)  | 463<br>(4.8)   | 276<br>(10.2) | 206<br>(9.9)   | 540<br>(23.0)  | 462<br>(14.0)  | 100<br>(0.2)   | 3                        |
| 5.            | Munhari (M)                     | 217<br>(1.3)           | 34<br>(1.3)    | 26<br>(1.2)    | 11<br>(0.8)   | 41<br>(2.0)    | 7<br>(0.3)     | 6<br>(0.2)     | 92<br>(4.2)    | 2                        |
| 6.            | Pusaro (P)                      | 1043<br>(11.4)         | 33<br>(1.3)    | 196<br>(9.2)   | 249<br>(17.4) | 171<br>(8.1)   | 260<br>(10.9)  | 614<br>(10.6)  | 320<br>(14.5)  | 5                        |
| 6.            | Miscell-<br>aneous<br>land type | 519<br>(3.2)           | 30<br>(1.4)    | 75<br>(3.5)    | 103<br>(7.2)  | 43<br>(2.0)    | 25<br>(1.0)    | 47<br>(1.4)    | 100<br>(0.5)   | -                        |
| <b>Total:</b> |                                 | <b>16207<br/>(100)</b> | <b>2662</b>    | <b>2124</b>    | <b>1454</b>   | <b>2100</b>    | <b>2301</b>    | <b>3304</b>    | <b>2202</b>    | <b>20</b>                |

