

DETAILED SOIL SURVEY AND LAND USE OF Mr1a, Mr1b, Mr1c, Mr1d, Mr1f, Mr2a, Mr2b, Mr2c, Mr2d AND Mr2f SUBWATERSHEDS OF MATATILLA R.V.P. CATCHMENT, TEHSIL: GANJ BASODA, KORWAI AND NATERAN, DISTRICT: VIDISHA, MADHY. PRADESH.

ABSTRACT

1. Survey Area : Mr1a, Mr1b, Mr1c, Mr1d, Mr1f and Mr2a, Mr2b, Mr2c, Mr2d and Mr2f Subwatersheds of Matatilla R.V.P. Catchment.  
Tehsil: Ganj Basoda, Korwai and Nateran, Distt: Vidisha (M.P.)

2. Total Survey Area: 24,476 ha.

3. Kind of Survey : Detailed soil survey

4. Period of Survey : December 1990 to April 1991

5. Soil Series mapped and area under each series:

S.No. Soil series Area in ha. Percentage

1. Antraliā 1389 5.7

2. Baloda 14052 57.4

3. Jaggakheri 1129 4.6

4. Kauliakheri 461 1.9

5. Runeja 119 0.5

6. Sarol 6426 26.2

Sub-total : 23576 96.3

7. River 392 1.6

8. Misc. land 508 2.1

Sub-total : 900 3.7

Grand total : 24476 100.0

## Land Capability Classes

S.No.	Land capability Classes.	Soil Series	Area in ha.	Percentage
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### ARABLE LANDS

1.	II	Baloda, Jagga khari, Sarol.	13238	54.1
2.	III	Antralia, Baloda, Jagga khari, Kamli akheri, Sarol.	10032	40.9
3.	IV	Kamli akheri.	187	0.8
Sub-total :			23457	95.8

### NON-ARABLE LANDS

4.	VI	Runeja	119	0.5
5.	Miscellaneous land and River etc.		900	3.7
Grand Total :			24476	100.00

### 7. Area under different erosion phases

S.No.	Erosion classes	Area in ha.	Percentage.
1.	Slight	1598	6.5
2.	Moderate	11988	49.0
3.	Severe	9990	40.8
4.	Misc. and River	900	3.7
Total :		24476	100.0

