

Report on detailed Soil Survey and Land Use of Tilar river, Gjlf, Gjlg, Gjlm, Gjln and Gjlp subwatersheds, Chambal R.V.P catchment, Tehsil Tarana, district Ujjain and Tehsil Tonk Khurd, district Dewas (M.P)

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ABSTRACT

1. Surveyed area : Gjlf, Gjlg, Gjlm, Gjln and Gjlp subwatersheds Chambal R.V.P catchment (M.P)
2. Total area : 12,050 hectares
3. a) Type of Survey : Detailed Soil Survey
- b) Period of Survey : December 1988 to April 1989
4. Soil Series mapped and area covered by each series:

Sl. No.	Soil Series	Area in hect.	Percentage
1.	Antralia	438	3.6
2.	Baloda	7324	60.8
3.	Jaggakheri	122	1.0
4.	Kamliakheri	36	0.3
5.	Runeja	24	0.2
6.	Sarol	3799	31.5
	Gullied land	5	0.1
	Miscellaneous lands	302	2.5
Grand Total		12050	100.0

5. Land capability classifications:-

Sl. No.	Land Capability class	Area in hect.	Soil Series
1.	II-Good land minor limitations	8475	Antralia Baloda, Jaggakheri and Sarol
2.	III-moderately good lands moderate limitations	247	Antralia, Baloda, Kamliakheri and Sarol.
3.	IV-Marginal lands major limitation	1255	Antralia and Baloda
4.	VI-Grass and Forest lands	24	Runeja
5.	Gullied land	5	
6.	Miscellaneous land	302	
Grand Total		12050	

6. Salient features or specific problem:

Of the total area of 12050 hectares, nearly 11743 (97.4%) are suitable for agriculture.

An area of 2243 ha. (18.3%) suffers from severe erosion and 6739 ha. (55.9%) from moderate erosion.

About 5 ha. area has been mapped as gullied land needs special attention including gully controls.