

ABSTRACT

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Surveyed area :- Gk2a, Gk2b, Gk2d, Gk3a, Gk2f,
and Gm2d subwatersheds, Chambal
RVP, M.P.

Total area : 12669 hectares.

3(a) Kind of survey: Detailed soil survey

(b) Period of survey : Dec., 1985 to March, 1986.

4. Soil series and area covered by each series :

<u>Soil series</u>	<u>Area in ha.</u>	<u>Percent</u>
1. Antralia	433	3.4
2. Baloda	3061	24.2
3. Jaggakheri	2378	18.8
4. Kamliakheri	1607	12.7
5. Runeja	942	7.4
6. Sarol	1720	13.5
7. Misc.	2528	20.0
GRAND TOTAL	12669	100.00

5. Land capability classification

S.NO.	<u>Land capability</u> <u>class</u>	<u>Area in ha.</u> <u>Arable land</u>	<u>Soil series</u>
1.II	Good land minor limitations	5492	Antralia, Baloda, Jaggakheri, Sarol.
2.IV	Moderately good lands moderate limitations	2624	Antralia, Baloda, Jaggakheri, Kamliakheri, Sarol.
3.IV	Marginal lands major limitation.	1033	Antralia, Jaggakheri, Kamliakheri
4. VI	Grass and forest lands	942	Runeja
5.	Misc.	2528	
	Total	<u>12669 hac.</u>	

6. Salient features :

- a. Out of the total area of 12669 ha. nearly 9199 ha. (72.6%) is suitable for agriculture.
- b. Nearly 7.4 of the total area (942 ha.) is under very shallow to shallow soils and requires good forest ranges and grass management.
- c. of the total area, 2556 ha (20.2%) suffers from severed erosion and 6743 (53.2) from moderate erosion .
- d. Out of the '6 soils e, series, Jaggakheri is quite extensive and covers 2378 ha. (18.8%) of the total area.
- e. About 1088 (88%) gullied land needs special attention including gully reclamation and controlling measures.