

Detailed Soil Survey and Land Use of Bc3b, Bc3c, Bc3d, Bc3f, Bc4a, Bc4b, Bc4c, Bc4d and Bc4f Subwatersheds of Bajaj Sagar Catchment, Mahi R.V.P., Tehsil - Ratlam, Bajna and Sailana, District - Ratlam(Madhya Pradesh).

A B S T R A C T

1. Survey Area : Bc3b, Bc3c, Bc3d, Bc3f, Bc4a, Bc4b, Bc4c, Bc4d and Bc4f Subwatersheds of Bajaj Sagar Catchment.
2. Total area surveyed : 23,973 ha.
3. Agro-climatic Zone : 6/9 North Western Semi Arid and Arid Zone/Assured Rainfall Deep Black Soil Malawa Plateau and Narmada Basin.
4. Type of Survey : Detailed Soil Survey
5. Location : 23°10' - 23°20' NL
74°35' - 74°50' EL
6. Period of Survey : November, 1992 to June, 1993.
7. No. of Villages : 101

8. Soil Series mapped and subwatershed-wise area covered by each series (ha)

Sr. No.	Soil Series	Subwatershed-wise area in ha.					
		Bc3b	Bc3c	Bc3d	Bc3f	Bc4a	Bc4b
1.	Daulatpura	126 (3.6)	42 (1.4)	55 (2.3)	74 (2.4)	117 (4.0)	30 (4.2)
2.	Jaggakheri	48 (1.4)	-	-	-	-	-
3.	Jhirnia	12 (0.4)	-	-	-	-	13 (0.7)
4.	Kanliakheri	310 (3.8)	84 (2.9)	118 (5.0)	276 (8.9)	303 (10.4)	229 (11.9)
5.	Mathuri	-	-	-	-	-	13 (0.7)
6.	Mundri	1262 (36.0)	1022 (35.0)	425 (18.1)	713 (22.9)	1145 (38.8)	575 (30.0)
7.	Panchdaria	1376 (39.3)	1582 (54.3)	1591 (67.7)	1435 (46.1)	865 (29.3)	730 (40.6)
8.	Runeja	200 (5.7)	47 (1.6)	33 (3.5)	186 (6.0)	211 (7.2)	126 (6.6)
9.	Sarol	-	-	-	-	-	-
10.	Singat	11 (0.3)	8 (0.3)	-	-	124 (4.2)	6 (0.3)
Total		3345 (95.5)	2785 (95.5)	2272 (96.6)	2634 (86.3)	2770 (93.9)	1323 (95.0)
Miscellaneous		159 (4.5)	131 (4.5)	80 (3.4)	427 (3.7)	180 (6.1)	97 (5.0)
Grand Total		3504 (100.0)	2916 (100.0)	2352 (100.0)	3111 (100.0)	2950 (100.0)	1920 (100.0)

Note: Miscellaneous lands includes area under river, nalla, tanks, roads and habitations.

