

REPORT ON DETAILED SOIL SURVEY AND LAND USE OF Bk1g, Bg2h, Bm7h and Bm7j SUBWATERSHEDS, SONE CATCHMENT ABOVE BANSAGAR DAM, TAHSIL BANDHAWGARH AND JAISINGHNAGAR, DIST. - SHAHDOL MADHYA PRADESH

A B S T R A C T

1. Surveyed area : Subwatersheds - Bk1g, Bg2h, Bm7h and Bm7j , Sone catchment, Tah -Bhandhawgarh and Jaisinghnagar, Dist.Sahdol (M.P.)
- 2.(a) Total area reported and mapped : 11750 ha
- (b) Type of survey : Detailed soil survey
- (c) Base material : Aerial Photographic/Catchment
- (d) Scale : 1:15,000
- (e) Period of survey: January 94 to March 94

3.(1) Soil series mapped and area covered by each (ha)

Sr.No.	Name of soil series	Total area (ha)	%
1.	Bardauha (B)	3878	33.9
2.	Chandwar (CD)	516	4.5
3.	Chansura (CN)	984	8.6
4.	Dadar (D)	1022	8.9
5.	Gandhia (G)	78	0.7
6.	Kudri (K)	292	2.6
7.	Paljha (P)	173	1.5
8.	Panpatha (PN)	4353	38.1
9.	Wahamgawan (W)	135	1.2
Total		11431	100.0
(ii)	Other features including habitation, river, nallah, tank road etc.	319	-
Grand total		11750	-

4. Land capability classification :

Land capability sub class	Total	%	Soil series
Ile	1440	12.6	1. Paljha 2. Panpatha
IIs	3497	30.6	1. Bardauha 2. Kudri 3. Wahamgawan
IIes	649	5.7	1. Bardauha 2. Kudri
IIIe	2503	21.9	1. Dadar 2. Paljha 3. Panpatha
IIIs	95	0.8	1. Bardauha 2. Kudri
IVe	1605	14.0	1. Dadar 2. Paljha 3. Panpatha
IVes	580	5.1	1. Chandwar 2. Kudri
VIes	229	2.0	1. Chansura 2. Gandhia
VIIes	833	7.3	1. Chansura 2. Gandhia
Total	11431	100.0	

5. Specific problems :

Sr. No.	Erosion Class	Total Problematic area	%	Associated series
1.	Moderate	4732	41.4	1. Bardauha (2) Chandwar 3. Dadar (4) Kudri 5. Paljha (6) Panpatha
2.	Severe	3202	28.0	1. Chandwar (2) Chansura 3. Dadar, (4) Gandhia 5. Kudri (6) Paljha 7. Panpatha
	Total	7934	69.4	