

Report on Detailed Soil Survey and Land Use of Nk1a, Nk1n,  
Nk1p, Nk2a and Nk2b Subwatersheds, Narmada Catchment,  
Madhya Pradesh.

(i) ABSTRACT

1.(a) Survey area : Subwatersheds Nk1a, Nk1n, Nk1p, Nk2a and  
Nk2b, Narmada Catchment, Madhya Pradesh.

(b) Type of Survey : Detailed Soil Survey

2.(a) Total area reported & mapped : 12,879 ha.

(b) Period of survey : November, 1991 to March 1992.

3.(i) Soil Series mapped and area covered by each (ha):

Sr. No.	Name of Series	Total area (ha)	%
1.	Bandariya	4183	33.5
2.	Dhanwara	497	4.0
3.	Jharpa	355	2.8
4.	Kamtada	2599	20.8
5.	Kapsi	2200	17.6
6.	Pipalya	314	2.5
7.	Pokharpi	1846	14.8
8.	Uda	495	4.0
Total ..		12489	100.0

(ii) Other features including : habitation, road, river, nullah  
etc. : 390 ha

Grand Total : 12,879 ha

#### 4. Land Capability Classes :

Capability class	Total area in ha	Soil Series
II	618 (7.9)	Dhanwara, Jharpa, Uda
III	1806 (23.1)	Dhanwara, Jharpa, Pipalya, Pokharni, Uda
IV	5321 (67.9)	Bandariya, Kamtada, Kapsi, Pipalya, Pokharni, Uda.
VI	86 (1.1)	Kapsi
Total (%)	7831 (100)	

Area under Reserved Forest 4658

Grand Total : 12489

#### 5. Specific Problems:

Sr. No.	Nature of Problems	Total area (%)	Associated Soils
1.	Improvement of drainage and moderate erosion	852 (6.8)	Dhanwara, Jharpa
2.	Moderate erosion	7562 (60.5)	Bandariya, Kamtada, Kapsi, Pipalya, Pokharni
3.	Severe erosion	3868 (31.0)	Bandariya, Kamtada, Kapsi, Pipalya, Pokharni.
4.	Severe erosion and occassional flood damage	207 (1.7)	Uda
Total :		12489 (100)	