

ABSTRACT

1. Surveyed area : Detailed Soil Survey of Usar lands (Part) Hardoi district (U.P)
- 2- Total area mapped : 432 ha.
3. Period of Survey : 1985-86
4. Kind of Survey : Detailed survey
5. Soil series mapped and area covered by each series.

S.No.	Name of soil series.	Total area (ha)	Percentage %
1.	Alisabad	52	12.0
2.	Bijgawan	15	3.5
3.	Kurseli	205	47.5
4.	Nanhey	53	12.3
5.	Tari	107	24.7
		432	100.0

Land capability classes with area under each Non-Arable Lands

S.No.	Capability class	Area in ha.	Percentage %
1.	Vs	205	47.5
2.	Vsw	227	52.5
		432	100.0

## 7. Erosion Inventory

<u>Erosion classes</u>	<u>Area(ha)</u>	<u>Percentage(%)</u>
e1	389	90
e2	43	10
	432	100

### Salient features and specific *Problems* photo-classes

All the soils mapped in the survey area are ~~temporarily~~ unsuitable for agriculture and irrigation. After reclamation soils can be brought under agriculture with introduction of local crops and irrigated farming.

Reclamation measures namely application of Gypsum/Pysite, leading and interslection of salt tolerant crops and vegetation are recommended.