

A B S T R A C T

1. Survey area :-

Priority subwatersheds Sa5f, Sa5g, Sa5h, Sa5k
Sa5m, Sa5n, Sa5p, Sk1f, Sk1g and Sk1h Subarna
-rekha F.P.R. / R.V.F. catchment, distt-East
Singhbhum and Ranchi Bihar.

2. Type of Survey :-

Detailed soil survey.

3. Total area surveyed & mapped :-

16,377 ha.

4. Period of survey :-

January '93 - June '93

LAND CAPABILITY CLASSIFICATION:-

Sl No.	L.U.C	Area in ha.	Series involved
1.	II	4698 28.7%	Amgaon,, Balia, Edla, Majhauri, Pusaro, Piprakalan, Sarua, & Teleibani
2.	III	2331 14.2%	Balia, Bathantoli, Edla, Lachmipur Majhauri, Matnag, Parkala, Sarma.
3.	IV	215 1.3%	Bendukani, Dumka, Majhauri, Piprakalan
4.	VI	4403 26.9%	Amra, Bendukani, Dumka, Sarabmunda
5.	VII	4301 26.3%	Amra, Sarabmunda
Total :-		15,948 97.4%	

SPECIFIC PROBLEMS IN THE SURVEY AREA :-

Sl No.	Particulars	Total area	Percentage
1.	Shallow soils	8021	49.0%
2.	Moderate slope	673	4.1%
3.	Strongly slope to steep slope	6967	42.5%
4.	Mod. eroded area	2812	17.2%
5.	Severely eroded	8724	32.3%
6.	Severely stony and rocky area	9459	57.8%
Total :-		36656	