

ABSTRACT

1. Survey area : Genrua Watershed, P.S. Balarampur,
Distt. Purulia West Bengal.
2. a) Total area surveyed : 347 ha
and mapped.
- b) Period of survey : 1st July to 10th July, 1983
- c) Type of Survey : Detailed.

3. Soil series mapped and area covered by each in ha.

Sl. No.	Name of soil series.	Area in ha.	Percentage
1.	Dumka	101	29.1
2.	Haripaldih	6	1.7
3.	Kanchanpur	111	32.0
4.	Karaya	12	3.4
5.	Marimo	6	1.7
6.	Pipradih	27	7.7
7.	Pokdanga	27	7.7
8.	Others	57	16.7
Total:-		347	100.0%

4. Land capability classification

Sl.No.	Land capability unit.	Area in ha.	Percentage.	Soil Series.
1.	II-1	125	43.2	Kanchanpur & Karaya
2.	IIs-1	6	2.0	Karaya
3.	IIIe-1	12	3.0	Ma-riamo
4.	IIIe-2	39	11.7	Pipradih
5.	IIIes-1	6	2.0	Pipradih & Pokdanga
6.	VIe-1	1	0.3	Pokdanga
7.	VIs-1	2	0.6	Pokdanga
8.	VIs-2	99	34.2	Dumka
Total		290	100.0	

5. Specific problems:

Sl.No.	Nature of problem.	Area in ha.	Percentage	Soil Series
a)	Area affected by moderate erosion,	25	8.6	Dumka, Haripaldih and Pipradih.
b)	Area affected by severe erosion.	133	45.8	Dumka, Pipradih and Pokdanga
c)	Area affected by very 1 severe erosion (gullied)	1	0.4	Pokdanga
Total:		159	54.8	