

## ABSTRACT

1. Survey Area : Bb2d subwatershed of Sileru Catchment, Paderu Taluk, Visakhapatnam District, Andhra Pradesh
2. (a) Type of survey : Detailed soil survey
- (b) Area Particulars : i) Cultivated 1268 ha
- ii) Forests & Hills 1210 ha
- iii) Podu affected areas 1872 ha
- Total 4350 ha
3. Period of field work : February to May, 1982
4. Distribution of soil series mapped

Sr. No.	Soil Series	No. of Area mapping units	Area (ha)	%age of total area
1.	Bennavaram (B)	5	275	6.3
2.	Ballada (BL)	4	278	6.4
3.	Deverapalli	6	2219	51.0
4.	Rangasingi (R)	2	160	3.7
5.	Vangasari (VG)	6	1413	32.6
		23	4350	100.0

### 5. Specific Problems

Sr. No.	Problems	Area (ha)	Percentage
1.	Shifting cultivation	1872	60.7
2.	Very severely eroded	1367	31.6
3.	Severely eroded	2798	64.0
4.	Slightly stony	658	15.2
5.	Slightly stony and rocky	2509	57.7
6.	Moderately stony and rocky	827	19.0
7.	Shallow soils	2219	51.0
8.	Strong slopes (10-15%)	752	17.3
9.	Moderately steep slopes (15-25%)	928	21.4
10.	Steep to very steep slopes (above 25%)	2154	49.5

