

**DEMARCATIION OF PRIORITY SUB-WATERSHEDS IN
PEDDAVAGU SUB-CATCHMENT UNDER NAGARJUNASAGAR
CATCHMENT, ANDHRA PRADESH**

A B S T R A C T

1. Survey Area : Peddavagu Subcatchment (Af),
Nagarjunasagar RVP Catchment
2. Type of Survey : Rapid reconnaissance for
identification of priority
watersheds.
3. Period of survey : December, 1977 to June, 1978
4. Total area covered : 4,29,244 ha (An area of
11,890 ha covered by pond and
some river beds is not
included in the surveyed area)
5. Base material : Aerial photographs and Survey
of India Toposheets (1:50,000)
6. No. of soil and
site observations : 1753 or approximately
1 observation for 252 ha.
7. Gradation of priority sub watersheds.

Sl. No.	Priority category	Range of sediment yield index	No. of sub- water sheds	Area in ha	%
1.	Very high	1300 & above	1	3771	0.9
2.	High	1200 - 1299	4	9184	2.1
3.	Medium	1100 - 1199	8	19362	4.5
4.	Low	1000 - 1099	14	31198	7.3
5.	Very low	Below 1000	144	365729	85.2
Total			171	429244	100.0