

REPORT ON PRIORITISATION OF SUBWATERSHEDS IN PART OF
4D1 CATCHMENT OF KRISHNA BASIN RIGHT BANK,
GUNTUR DISTRICT, ANDHRA PRADESH

ABSTRACT

1. Survey area Part of 4D1 catchment of Krishna basin right bank, Guntur district, Andhra Pradesh
2. Location 79°15'44" to 80°52'48" E Long
15°54'00" to 16°47'24" N Lat
3. Total area 5,81,758 ha
4. Period of survey November 95 to June, 96
5. Type of survey Rapid reconnaissance
6. Base material Toposheets (1:50,000) Survey of India
7. Hydrological division Catchment : Part of 4D1 catchment
Krishna basin, right bank
Subcatchment : 1
Watersheds : 6
Subwatersheds 158
8. Priority categorisation

Erosion priority	No. of sub-watersheds	Area (ha) and percent
Very high	-	-
High	02	6001 (1.1)
Medium	09	26256 (4.8)
Low	16	51121 (9.4)
Very low	131	459699 (84.7)
Total	158	543077 (100)

9. Mapping units and area under each

Erosion intensity mapping unit	Area (ha)	Percent
A1	6,126	1.1
A2	6,756	1.2
A3	865	0.2
A4	78,332	14.4
G1	2,463	0.4
G2	56	0.1
G3	2,188	0.4
G4	14,771	2.7
LS1	20,610	3.8
LS2	12,533	2.3
LS3	36,121	6.7
LS4	26,543	4.9

LS50	97,383	17.9
S1	52,264	9.6
S2	26,378	4.9
S3	22,576	4.2
SC1	513	0.1
SC2	69,597	12.8
SC3	67,002	12.3
Total	<hr/> 5,43,077	100
