

**REPORT ON PRIORITY DELINEATION REPORT OF
SUBWATERSHEDS IN THE CATCHMENT OF
MAYURAKSHI RIVER VALLEY PROJECT SANTHAL
PARGANAS AND DEOGHAR DISTRICTS-BIHAR**

ABSTRACT

1. Survey area - Mayurakshi Dam catchment.
2. Location- District- Santhal parganas and Deoghar- Bihar state.

\square \square
 24 2' - 24 28' N Latitude.
 \square \square
 86 45' - 87 26' E longitude.
3. Total area - 176086 ha.
4. Kind of survey - Rapid reconnaissance soil survey.
5. Period of survey - Field season March 1985.
6. Base material - survey of India topo sheets 1"= 1 mile scale.
7. Extent of areas under different erosion intensity units.

No.	Name of mapping units	Area in ha.	%
1.	A	14634	8.3
2.	B	36998	21.0
3.	C	2305	1.3
4.	D	18472	10.5
5.	E	16877	9.6
6.	F	1927	1.1
7.	G	6907	3.9
8.	H	42293	24.0
9.	J	2611	1.5
10.	K	18178	10.3
11.	L	1305	0.7
12.	M	9005	5.1
13.	N	3833	2.2
14.	P	741	0.5
Total =		176086	100.0%

8. Hydrolic divisions:
 - a) Catchment - Mayurakshi.
 - b) Sub-catchment - Six (6), Ma, Mb, Mc, Md, Me, and Mf.
 - c) Watersheds - 12
 - d) Sub-watersheds - 51

Priority category

No.	Priority category	Silt load index range	No. of sub-watersheds	Area in ha.	% of area
1.	Very high	1600 & above	18	41061	23.3
2.	High	1500 - 1599	11	40866	23.2
3.	Medium	1400 - 1499	8	23193	13.2
4.	Low	1300 - 1399	5	19430	11.0
5.	Very low	below- 1300	9	51536	29.3
Total=		51	176086	100.0	