

REPORT ON DEMARCATION OF PRIORITY SUBWATERSHED
IN THE MUHAMMADGUNJ DAM CATCHMENT IN SON
R.V.P. DISTT. PALAMAU BIHAR.

- : ABSTRACT : -

1. Survey area : ~~Muhammadgunj Dam~~ (Son)
Dist. Palamau, Bihar.
2. Total area : 60,999 ha.
3. a) Kind of Survey : Rapid reconnaissance
b) Period of Survey : Dec '77 to July '78.
4. Extent of area under different erosion intensity mapping unit.

<u>Mapping unit.</u>	<u>Area in ha.</u>
A	1,21,367
B	38,622
C	69,071
D	1,18,181
E	42,133
F	32,472
G	7,486
H	94,804
J	75,501
River	8,662
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Total :-	6,08,999

5. a) Catchment : Main ~~Muhammadgunj Dam~~ (Son)
b) Sub Catchment : 8
c) Watershed : 25
d) Sub watershed : 243

6. Priority Categorization

<u>Priority Category</u>	<u>Silt yield index range</u>	<u>No. of sub-watersheds.</u>	<u>Area in ha.</u>	<u>Percent.</u>
Very high	Above 1500	79	1,98,653	32.6
High	1401 - 1500	46	1,04,401	17.2
Medium	1301 - 1400	65	1,76,110	28.9
Low	1201 - 1300	29	66,323	10.9
Very low	Below 1201	24	63,512	10.4
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Total :-		243	6,08,999	100.00