

(i)

REPORT ON DEMARCATION OF PRIORITY SUBWATERSHEDS
IN THE CATCHMENT OF TISTA RIVER VALLEY

PROJECT WEST BENGAL.

- : "ABSTRACT" :-

1. Survey area : Tista R.V.P. West Bengal.
2. Total area : 2,97,740 ha.
3. a) Kind of survey : Rapid reconnaissance.
4. b) Period of survey : May and June'1978.
March to May'1979.
4. Extent of area under different erosion intensity mapping units :

Mapping Unit	Area in ha.	Mapping Unit	Area in ha.
A	35,268	M	15,107
B	47,337	N	12,664
C	2,567	P	22,973
D	8,219	R	12,680
E	34,630	S	33,010
F	13,635	T	17,827
G	3,285	U	4,274
H	3,141	V	2,500
J	1,682	River	23,284
K	511	Town	1,883
L	1,263	Total :-	<u>2,97,740</u>

5. a) Catchment : Main Tista Catchment flowing through the state of West Bengal.
- b) Subcatchments : 7
- c) Watersheds : 17
- d) Subwatersheds : 129

The categorization of subwatersheds in priority categories is given in the following table.

Category	Silt yield Index Range	No. of Subwatersheds.	Total area in ha.	% age
Very High	1450 to above	15	28854	9.7
High	1350-1449	21	38611	13.0
Medium	1250 - 1349	19	37988	12.8
Low	1000 - 1249	23	54026	18.1
Very low	Below 1000	51	138261	46.4
Total :-		129	2,97,740	100.0