

(i)

REPORT ON DEMARCATION OF PRIORITY SUB-WATERSHEDS
IN THE TAHEL DAM CATCHMENT, DIST. PALAMAU, BIHAR

ABSTRACT

1. Survey area : Tahel Dam (Son) Catchment, Dist. Palamau Bihar.
2. Total area : 51720 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	25250
B	1883
C	3850
D	10226
E	2800
F	2142
G	1566
H	3150
J	853

Total:- 51720

5. a) Catchment : Main Tahel dam (Son)
b) Sub-catchment - 2
c) Watersheds - 5
d) Sub-watersheds- 30

The priority categorization of the sub-watersheds is given below:

<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	1	3325	6.4
High	1401 -1500	2	3820	7.4
Medium	1301 -1400	11	20078	38.8
Low	1201 -1300	10	15197	29.4
Very low	Below 1201	6	9300	18.0
Total:-		30	51720	100.0