

REPORT ON DETAILED SOIL SURVEY AND LAND
USE OF Pc3d, Pc3f, Pc3g, Pc4b, Pc4c,
Pc4d & Pc5c SUBWATERSHEDS, PANCHET DAM
CATCHMENT, P.S. CHANDANKIYARI & CHAS,
DISTRICT BOKARO BIHAR AND P.S. PARA,
PURULIA, JHALDA & JOYपुर, DISTRICT
PURULIA, WEST BENGAL

ABSTRACT

1. a) Survey area; Sub-watershed No. Pc3d,
Pc3f, Pc3g, Pc4b, Pc4c
Pc4d and Pc5c Panchet Dam
Catchment, District Purulia,
West Bengal and Bokaro,
Bihar.
- b) Location: $23^{\circ} - 22'$ to $23^{\circ} - 32' - 15''$
N. LAT. and $86^{\circ} - 2'$ to
 $86^{\circ} - 28'$ E. LONG.
2. Type of survey: Detailed Soil Survey.
3. Total area reported
and mapped: ~~2954~~ ha. 26064 ha. Bihar
8941
WB 17123
4. Period of survey: December, 1992 to June, 1993.
5. Agro-climatic Zone: Eastern Plateau & Hills
(As per planning
Commission) (Zone No 7).
6. Distribution of soil series and
their extent in each sub-watershed.

8. Specific problems and other salient features:

- i) Nearly 142 ha. (0.6%) of land is under shallow soils.
- ii) Very deep and deep soils cover around 31.4% and 15.5% of the total survey area.
- iii) About 5282 ha. (20.3%) of lands are subjected to severe and very severe erosion and need adequate soil conservation measures.
- iv) Nearly 5287 ha. (20.3%) of land is susceptible to seasonal over flow.