

*Report on Demarcation of Priority Subwatersheds in the Catchment of Pagladiya River Valley Project, District: Kamrup, Assam*

**ABSTRACT**

1. **Survey Area** : *Pagladiya River Valley Project, Kamrup district of Assam*
2. **Location** : *91<sup>o</sup> 21' to 91<sup>o</sup> 41' E Longitude and  
26<sup>o</sup> 30' to 26<sup>o</sup> 49' N Latitude*
3. **Total Area** : *58888 ha*
4. **Period of field visit** : *November, 1975 to January 1976*
5. **Type of Survey** : *Rapid Reconnaissance Survey*
6. **Base Material** : *Survey of India Toposheets (1:50,000)*

7. **Priority Categorization :**

<i>Sl. No.</i>	<i>Priority Category</i>	<i>No of Sub watersheds</i>	<i>Area (ha.)</i>	<i>Percentage</i>
1	Very High (above 1300)	11	22277	4.90
2	High (1200-1300)	6	10804	10.80
3	Medium (1100-1200)	6	9036	48.7
4	Low (1000-1100)	5	7426	35.3
5	Very Low (below 1100)	4	9345	0.30
	<b>Grand Total</b>	<b>32</b>	<b>58888</b>	<b>100.00</b>

8. **Salient Features:**

- *Out of 58888 hectares surveyed area, 22277 ha. (4.90%) covered by 11 sub watersheds have been categorized under very high priority area and 10804 ha. (10.80%) covered by 6 sub watersheds have been categorized under high priority area which need immediate attention for suitable soil water conservation measures under integrated watershed development programme.*