

(1)

Report on Detailed and Reconnaissance Soil Survey and Land Use of Hd1b, Hd1c, and Hd1d Subwatersheds, Mahanadi catchment, Tahsil Bargarh, District Sambalpur, Orissa

A B S T R A C T

1. Survey area : Subwatershed Hd1b, Hd1c Hd1d Mahanadi catchment, Tahsil Bargarh, District Sambalpur, Orissa.
2. (a) Total area reported and mapped - 12213 ha.
(b) Area under subwatersheds -

Subwater-sheds	Total area in (ha)	Detailed soil Survey area (ha)	Reconnaiss ance Soil Survey area (ha)	Area under Road, Submer-ged, Rockout crops etc. (ha)
Hd1b	3511	-	3259	252
Hd1c	5091	343	4515	233
Hd1d	3611	1037	2412	162
Total	12213 (100.0%)	1380 (11.3%)	10186 (83.4%)	647 (5.3%)

(c) Type of Survey : Detailed and Reconnaissance Soil Survey

(d) Period of Survey : May and June 1987

3. (i) Soil Series mapped and Soil Series association area covered by each (ha)

Sr. No.	Name of Soil Series	Total area in (ha)	Subwatersheds		
			Hd1b	Hd1c	Hd1d
1.	Behra (B)	67 (0.6%)	-	-	67
2.	Debrigarh (D)	782 (6.7%)	-	214	568
3.	Khajuriya (K)	531 (4.6%)	-	129	402
4.	Lohara Series (L) (Association)	4777 (41.3%)	1489	1907	1381
5.	Lohara-Ramedega(L-R)	2821 (24.4%)	964	1412	445
6.	Ramedga-Lohara(R-L)	2588 (22.4%)	806	1196	586
	Total	11566 (100.0)	3259	4858	3449

(ii) Other features 647
Grand Total 12213 ha

