

# Report on Detailed Soil Survey and Land Use of Ac1f, Ac2c, Ad1j, Ad1q, Ad1r, Ad1s, Ad1t, Ad1w, Ad2g, Ad3a, Ag1a, Ah1g, Ah1j and Ah3a Subwatersheds of Ajoy (FPR) Catchment, P.S. Binapathar, Jamtara, Kundahit, Nala and Narayanpur, Dist. Dumka, PS. Bengabad, Dist. Giridih, PS. Madhupur, Dist. Deogarh, Jharkhand and PS. Barabani, Salanpur Dist. Barddhaman and Khairasol District Birbhum, West Bengal

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## Abstract

- 1. Survey Area:** Ac1f, Ac2c, Ad1j, Ad1q, Ad1r, Ad1s, Ad1t, Ad1w, Ad2g, Ad3a, Ag1a, Ah1g, Ah1j and Ah3a Subwatersheds of Ajoy (FPR) catchment P.S. Binapathar, Jamtara, Kundahit, Nala and Narayanpur of Dist. Dumka, P.S Bengabad, Dist. Giridih, P.S Madhupur, Dist. Deogarh, Jharkhand and P.S Barabani, Salanpur and Khairasol Dist. Barddhaman and Birbhum, W.B
- 2. Type of Survey:** Detailed Soil Survey.
- 3. Total Area Mapped:** 42,901 ha
- 4. Agro climatic Zone:** Eastern Plateau and Hills (Zone no. 7) as per National Planning Commission.
- 5. Period of Survey:** November 1997 to March 1998 and May 1998 to June 1998

## 6. Sub Watershedwise Distribution of Soil Series and their Extent of Area (ha)

Sl. No.	Name of Soil Series	No. of Map. Units	Total Area (ha)	Sub water sheds													
				Ac1f	AC2c	Ad1j	Ad1q	Ad1r	Ad1s	Ad1t	Ad1w	Ad2g	Ad3a	Ag1a	Ah1g	Ah1j	Ah3a
1.	Amra (AR)	3	467 (1.1)	41 (1.1)	82 (1.7)	-	-	-	-	-	-	-	-	53 (1.6)	5 (0.3)	252 (6.3)	34 (0.7)
2.	Balia (B)	2	11 (0.1)	-	-	-	-	4 (0.2)	-	-	7 (0.3)	-	-	-	-	-	-
3.	Bathantoli (BT)	4	2566 (6.0)	89 (2.5)	74 (1.6)	-	-	-	-	-	-	54 (1.6)	144 (5.5)	309 (9.2)	126 (6.8)	501 (12.6)	1268 (24.9)
4.	Dumka (D)	7	9570 (22.3)	1243 (35.1)	342 (7.3)	155 (8.4)	1351 (37.8)	190 (11.6)	349 (13.4)	503 (23.0)	421 (16.9)	1370 (40.1)	1006 (38.5)	282 (8.4)	142 (7.6)	857 (21.5)	1359 (26.7)
5.	Ghoradanga (GD)	3	37 (0.1)	-	14 (0.3)	-	-	-	-	18 (0.8)	-	-	-	-	2 (0.1)	3 (0.1)	-
6.	Hathiapathar (H)	3	2417 (5.6)	565 (15.9)	716 (15.2)	3 (10.2)	2 (0.1)	-	176 (6.7)	-	48 (1.9)	176 (5.1)	43 (1.6)	235 (7.0)	84 (4.5)	185 (4.6)	184 (3.6)
7.	Jamkati (J)	5	601 (1.4)	-	47 (1.0)	27 (1.5)	92 (2.6)	22 (1.4)	89 (3.4)	135 (6.2)	99 (4.0)	-	-	30 (0.9)	-	7 (0.2)	53 (1.1)
8.	Kankrasal (KN)	4	152 (0.3)	-	-	-	-	7 (0.4)	138 (5.3)	7 (0.3)	-	-	-	-	-	-	-

