

REPORT ON DETAILED SOIL SURVEY AND LAND USE  
OF Rc4r, Rd1t, Rd2q, Rq2d, Rj7g, Rk4f AND  
Rk5i SUBWATERSHEDS OF RUPNARAYAN F.P.R  
CATCHMENT, P.S. GOALTORE, GARHBETA-III, DIST.  
MEDINIPUR AND P.S. BISHNUPUR, JOYPUR, TALDANGA,  
ONDA, PATARASHAYER, BARJORA AND SONAMUKHI,  
DIST. BANKURA, WEST BENGAL STATE

A B S T R A C T

1. Survey area: Subwatersheds No. Rc4r, Rd1t, Rd2q, Rq2d, Rj7g, Rk4f and Rk5i of Rumparayan, F.P.R Catchment of Goaltore, Garhbeta-III, Bishnupur, Joypur, Taldanga, Onda, Patarashayer, Barjora and Sonamukhi P.S. of Medinipur and Bankura district of West Bengal.
2. Total area surveyed, mapped and reported: 15,510 ha.
3. Type of survey: Detailed.
4. Period of survey: December, 1988 to June, 1989.

5. Soil series mapped and area covered under each series subwatershed-wise (area in ha.) and %

Sl No.	Soil series	No. of mapping unite	Total area in ha.	%	Subwatersheds						
					Rc4r	Rd1t	Rd2q	Rg2d	Ri7g	Rk4f	Rk5j
1.	Argora (AG)	3	502	3.3	60 (3.8)	43 (1.9)	112 (6.4)	71 (3.3)	211 (8.9)	5 (0.2)	-
2.	Bistupur (BS)	4	2905	18.2	360 (22.7)	370 (16.7)	238 (13.6)	324 (15.2)	415 (17.4)	677 (21.7)	421 (18.1)
3.	Chakai (C)	2	261	1.6	40 (2.5)	-	76 (4.4)	-	145 (6.1)	-	-
4.	Illambajar (IB)	5	1960	12.6	135 (8.5)	285 (12.8)	229 (13.1)	427 (20.1)	22 (0.9)	491 (15.8)	371 (15.9)
5.	Jamuasol (JS)	5	2656	17.0	219 (13.8)	456 (20.5)	194 (11.1)	352 (16.6)	464 (19.5)	511 (16.4)	460 (19.7)
6.	Madnahari (M)	2	1944	12.5	173 (10.9)	364 (16.4)	205 (11.7)	322 (15.1)	281 (11.8)	377 (12.1)	222 (9.5)
7.	Mehogram (MG)	3	1705	10.9	170 (6.9)	289 (12.6)	167 (9.6)	229 (10.8)	259 (11.5)	512 (16.0)	357 (14.5)
8.	Radhadomodarnur (RD)	5	2488	16.1	370 (23.3)	259 (11.7)	420 (24.1)	238 (11.2)	341 (14.3)	512 (16.4)	348 (14.9)
9.	Others		1189	7.8	120 (7.6)	164 (7.4)	105 (5.0)	164 (7.7)	233 (9.8)	230 (7.4)	173 (7.4)
Total:		29	15510	100%	1587 (100%)	2222 (100%)	1746 (100%)	2127 (100%)	2381 (100%)	3115 (100%)	2332 (100%)

6. Land capability class ( area in ha.):

Sl.No.	Land capability class	Sub-watersheds						Total area in ha.	%	
		Rc4r	Rd1f	Rd2q	Rq2d	Rj7g	Rk4f			Rk5j
1.	II	874 (55.1)	1499 (67.5)	1045 (59.9)	1392 (65.4)	1591 (66.8)	1983 (63.6)	1621 (69.5)	10005	64.5
2.	III	413 (26.0)	434 (19.5)	357 (20.4)	419 (19.7)	218 (9.1)	632 (20.3)	358 (15.4)	2831	18.2
3.	IV	160 (10.1)	87 (3.9)	209 (12.0)	140 (6.6)	199 (8.4)	270 (8.7)	180 (7.7)	1245	8.0
4.	VI	20 (1.2)	38 (1.7)	30 (1.7)	12 (0.6)	140 (5.9)	-	-	240	1.5
5.	Misc. land	120 (7.6)	164 (7.4)	105 (6.0)	164 (7.7)	233 (9.8)	230 (7.4)	173 (7.4)	1189	7.8
Total:		1587 (100%)	2222 (100%)	1746 (100%)	2127 (100%)	2381 (100%)	3115 (100%)	2332 (100%)	15510	100%

