

REPORT ON DETAILED SOIL SURVEY AND LAND USE OF Sk2d, Sk6b, Sk6c, Sk6f, Sk6h AND Sk6j SUBWATERSHEDS OF SUBARNAREKHA (NON RVP/FPR) CATCHMENT, P.S. ICHAGARH, DISTRICT- SARAIKELA KHARSAWAN AND P.S.-SONAHATU, DISTRICT-RANCHI OF JHARKHAND STATE.

ABSTRACT

1. Survey Area : Priority Sub watersheds Sk2d, Sk6b, Sk6c, Sk6d, Sk6f, Sk6h and Sk6j Subarnarekha (Non RVP/FPR) Catchment, P.S.- Ichagarh, District-Saraikela- Kharsawan and P.S.- Sonahatu, District- Ranchi of Jharkhand State.
2. Geographical Location : 23° 1' 7" to 23 ° 9' 26" North Latitude and 85° 47' 58" to 85° 56' 3" East Longitude.
3. Type of Survey : Detailed Soil Survey
4. Base Map : Cadastral map (16" = 1 mile Scale)
5. Total Surveyed Area : 12.313 ha.
6. Agro-Climatic Zone : Zone No. 7 (Eastern Red Soils Region)
7. Soil Conservation Region : Region 8 (Eastern Red Soils Region)
8. Period of Survey : April, 2004 to July, 2004

9. Subwatershed wise Distribution of Soil Series and Their Extent

Sl. No.	Name of soil series	No. of mapping units	Total area (ha.)	Subwatersheds Area (ha.)						
				Sk2d	Sk6b	Sk6c	Sk6d	Sk6f	Sk6h	Sk6j
1.	Bargaria (BA)	3	375 (3.0)	77 (0.6)	-	15 (0.1)	39 (0.3)	77 (0.6)	7 (0.1)	160 (1.3)
2.	Bendukani (BK)	6	1858 (15.1)	170 (1.4)	231 (1.9)	192 (1.5)	73 (0.6)	368 (3.0)	557 (4.5)	267 (2.2)
3.	Bhagwanpur (BG)	5	2504 (20.3)	526 (4.2)	-	455 (3.7)	-	548 (4.5)	366 (3.0)	609 (4.9)
4.	Bidar (BD)	3	489 (4.0)	-	-	49 (0.4)	-	243 (2.0)	89 (0.7)	108 (0.9)
5.	Edla (ED)	4	1095 (8.9)	296 (2.4)	37 (0.3)	220 (1.8)	155 (1.3)	68 (0.5)	102 (0.8)	217 (1.8)
6.	Jharua (JH)	2	585 (4.7)	220 (1.8)	89 (0.7)	14 (0.1)	22 (0.2)	-	77 (0.6)	163 (1.3)
7.	Karchatola (KT)	2	351 (2.9)	-	-	81 (0.7)	-	82 (0.7)	132 (1.1)	56 (0.4)

