

Report on Detailed Soil Survey and Land Use of 2D2A1a' 2D2A1d, 2D2A1f, 2D2A2a', 2D2A2v and 2D2A6a sub-watersheds of Banas (FPR) Catchment in Tehsils Bamanwas, Gangapur city, Malarna Dunger and Khandar of Sawai Madhopur and Tehsil - Sapotara of Karoli Districts of Rajasthan State

ABSTRACT

- **Survey Area** : 2D2A1a' 2D2A1d, 2D2A1f, 2D2A2a' 2D2A2v and 2D2A6a sub-watersheds of Banas (FPR) Catchment in Tehsils Bamanwas, Gangapur city, Malarna Dunger and Khandar of Sawai Madhopur and Tehsil - Sapotara of Karoli Districts of Rajasthan State.
- **Total Area Surveyed** : 24, 175 ha
- **Agro Ecological Region** : Northern Plain and Central High Land including Aravallies Hot semi-arid eco-region with alluvium derived soils and G.P. 90-150 days
- **Period of Survey** : December, 1999 to July, 2000
- **Kind of Survey** : Detailed Soil Survey
- **Soil Series Mapped and Their Extent :**

Sl. No	Name of the soil series	Total area in ha (%)	2D2A1a'	2D2A1d	2D2A1f	2D2A2a'	2D2Av	2D2A6a
1.	Bholanpur (BP)	1551 (6.4)	757 (16.4)	5 (0.1)	33 (0.6)	-	-	756 (15.7)
2.	Bijoli (BJ)	653 (2.7)	653 (14.2)	-	-	-	-	-
3.	Chondaka Kalan (CK)	239 (0.9)	-	125 (2.6)	114 (2.1)	-	-	-
4.	Dungarwara (DR)	354 (1.5)	-	-	-	226 (11.2)	128 (5.0)	-
5.	Ghanteswar (GH)	1181 (4.9)	-	551 (11.6)	630 (11.6)	-	-	-
6.	Isroda (I)	693 (2.9)	189 (1.4)	-	-	107 (5.3)	360 (14.0)	37 (0.8)

Sl. No	Name of the soil series	Total area in ha (%)	2D2A1a'	2D2A1d	2D2A1f	2D2A2a'	2D2Av	2D2A6a
7.	Jiwad (JD)	2246 (9.3)	770 (16.7)	-	-	350 (17.4)	278 (11.7)	828 (17.2)
8.	Kalyanpura (KP)	247 (1.0)	82 (1.8)	165 (3.5)	-	-	-	-
9.	Khoh (KH)	6634 (27.4)	-	3218 (67.7)	3416 (62.9)	-	-	-
10.	Piplait (PT)	3937 (16.3)	520 (11.3)	2 (0.04)	17 (0.3)	407 (20.2)	789 (30.9)	2202 (45.8)
11.	Roond Tizara (RT)	1115 (4.6)	338 (7.3)	-	-	217 (10.8)	412 (16.1)	148 (3.1)
12.	Roopwas (R)	635 (2.6)	635 (13.8)	-	-	-	-	-
13.	Safipura (SP)	752 (3.1)	-	-	-	596 (29.6)	15.6 (6.1)	-
14.	Tizara (T)	362 (1.5)	60 (1.3)	-	-	18 (0.9)	91 (3.6)	193 (4.0)
15.	Unchi Gwari (UG)	1295 (5.4)	-	484 (10.2)	811 (14.9)	-	-	-
	Sub total	21894 (90.6)	3922 (97.1)	4467 (98.8)	5186 (99)	1921 (99.6)	2234 (8.7)	4164 (97.3)
I	Rock out	306 (1.3)	-	173 (3.6)	133 (2.4)	-	-	-
II.	River/Nala	1765 (7.3)	651 (14.1)	103 (2.2)	100 (1.8)	48 (2.4)	306 (11.9)	55.7 (11.6)
III	Habitation, etc.	210 (0.9)	35 (0.8)	7 (0.7)	18 (0.3)	42 (2.1)	17 (0.7)	91 (1.9)
	Sub - total	2281 (9.4)	686 (2.9)	283 (1.2)	251 (1.0)	90 (0.4)	323 (1.3)	648 (2.7)
	Grand Total	24175 (100%)	4608 (100%)	4750 (100%)	5437 (100%)	2011 (100%)	2557 (100%)	4812 (100%)

