

**REPORT ON DETAILED SOIL SURVEY AND LAND USE OF Dd2h, Dd2j, Dd2m, De1k, De2f, De2j, De2k, De2m, De2n & De2r SUBWATERSHEDS, DANTIWADA CATCHMENT (BANAS RVP), TEHSIL PINDWARA, DISTRICT SIROHI AND TEHSIL KOTRA , DISTRICT UDAIPUR, RAJASTHAN.**

**ABSTRACT**

1. SURVEY AREA : Dd2h, Dd2j, Dd2m, De1k, De2f, De2j, De2k, De2m, De2n & De2r Subwatersheds, Dantiwada Catchment, (Banas RVP), Tehsil Pindwara, District Sirohi & Tehsil Kotra, District Udaipur, RAJASTHAN.
2. LOCATION : Latitudes :- 24° 34' to 24° 49' N  
Longitudes:- 72° 57' to 73° 10' E
3. TOTAL AREA SURVEYED : 18,035 ha
4. NUMBER OF VILLAGES COVERED : 27
5. TYPE OF SURVEY : Detailed Soil Survey
6. PERIOD OF SURVEY : November, 1999 to May, 2000
7. AGROCLIMATIC REGION : 13 (Gujarat Plains & Hill Regions)

9.a) SOIL- SERIESWISE DISTRIBUTION OF AREA UNDER DIFFERENT  
DISTRICTS AND TEHSILS

Sl. No.	Name of the Soil Series	<u>Area in ha (%)</u>		Total Area in ha (%)
		District Sirohi Tehsil Pindwara	District Udaipur Tehsil Kotra	
1.	Achpura	392 (2.2)	-	392 (2.2)
2.	Chandela	675 (3.7)	14 (0.1)	689 (3.8)
3.	Gharat	730 (4.0)	-	730 (4.0)
4.	Nagpura	10528 (58.4)	392 (2.2)	10920 (60.6)
5.	Pahadkala	3168 (17.6)	-	3168 (17.6)
6.	Sabela	1643 (9.1)	24 (0.1)	1667 (9.2)
	Miscl. Area	461 (2.5)	8 (0.1)	469 (2.6)
<b>Grand Total</b>		<b>17597 (97.5)</b>	<b>438 (2.5)</b>	<b>18035 (100.0)</b>

9 b) DISTRIBUTION OF LAND CAPABILITY UNITS UNDER DIFFERENT SUBWATERSHEDS

Sl. No.	Land Capability Units	Subwatershed		Codes		Area in ha					Total area (%)	
		Dd2h	Dd2j	Dd2m	De1k	De2f	De2j	De2k	De2m	De2n		De2r
1.	IIs-1	38 (2.1)	14 (1.7)	263 (9.9)	-	54 (7.6)	28 (1.4)	-	-	-	-	397 (2.2)
2.	II es-1	120 (6.5)	58 (6.8)	250 (9.4)	70 (5.2)	211 (10.1)	16 (0.8)	-	-	-	-	725 (4.0)
3.	II es-2	12 (0.7)	106 (12.5)	173 (6.5)	8 (0.6)	76 (3.7)	44 (2.1)	20 (1.5)	67 (3.3)	119 (9.8)	64 (2.4)	689 (3.8)
4.	IV es-1	238 (13.0)	141 (16.6)	231 (8.7)	33 (2.4)	148 (7.1)	212 (10.3)	72 (5.3)	272 (13.5)	83 (6.9)	237 (9.0)	1667 (9.3)
5.	P/M	1364 (74.4)	489 (57.7)	1632 (61.5)	1221 (90.2)	1493 (71.6)	1740 (84.9)	1250 (92.5)	1622 (80.7)	979 (80.8)	2298 (87.2)	14088 (78.2)
	Sub-Total	1772 (96.7)	808 (95.3)	2549 (96.0)	1332 (98.4)	1982 (95.1)	2040 (99.5)	1342 (99.3)	1961 (97.5)	1181 (97.5)	2599 (98.6)	17566 (97.4)
	Misc. Area	61 (3.3)	40 (4.7)	107 (4.0)	22 (1.6)	103 (4.9)	10 (0.5)	10 (0.7)	50 (2.5)	30 (2.5)	36 (1.4)	469 (2.6)
	<b>Grand Total</b>	<b>1833 (100.0)</b>	<b>848 (100.0)</b>	<b>2656 (100.0)</b>	<b>1354 (100.0)</b>	<b>2085 (100.0)</b>	<b>2050 (100.0)</b>	<b>1352 (100.0)</b>	<b>2011 (100.0)</b>	<b>1211 (100.0)</b>	<b>2635 (100.0)</b>	<b>18035 (100.0)</b>