

**REPORT ON DETAILED SOIL SURVEY AND LAND USE OF Da2m, Db5m, Db6m, Db6r, De1d, De2b, De2c and De2d SUBWATERSHEDS, DANTIWADA CATCHMENT (RVP) TEHSIL ABU ROAD AND PINDWARA, DISTRICT SIROHI, RAJASTHAN.**

**I. ABSTRACT**

1. Survey area : Da2m, Db5m, Db6m, Db6r, De1d, De2b, De2c & De2d subwatersheds, Dantiwada catchment (RVP), Tehsil Abu Road and Pindwara, District Sirohi, Rajasthan.
2. Location : Latitude 24° 20' 54" - 24° 34' 45" N  
Longitude 72° 42' 40" - 73° 01' 39" E
3. Total area surveyed : 16,311 ha
4. Number of villages covered : 23
5. Type of Survey : Detailed Soil Survey
6. Period of Survey : Oct, 1999 to April, 2000
7. Agroclimatic Region : 13 ( Gujarat plains & Hill region)

### 8. Series-wise distribution of area under different subwatersheds.

S.No.	Name of the Soil Series	Subwatershed code Area in ha (%)								Total area ha (%)
		Da2m	Db5m	Db6m	Db6r	Dc1d	Dc2b	Dc2c	Dc2d	
1.	Bhula	150 (7.1)	-	-	10 (0.4)	69 (5.9)	24 (1.2)	19 (1.5)	35 (1.8)	307 (1.9)
2.	Chandela	152 (7.2)	328 (15.3)	255 (7.7)	198 (8.2)	116 (9.8)	104 (5.4)	97 (7.8)	90 (4.6)	1340 (8.2)
3.	Doitara	-	-	-	13 (0.5)	-	45 (2.3)	6 (0.5)	-	64 (0.4)
4.	Jambudi	1649 (77.6)	1519 (70.9)	2685 (81.2)	1793 (73.9)	773 (65.5)	1624 (84.0)	932 (75.3)	1608 (82.0)	12583 (77.1)
5.	Panchdevela	118 (5.5)	273 (12.8)	332 (10.0)	387 (15.9)	199 (16.9)	125 (6.5)	146 (11.8)	175 (8.9)	1755 (10.8)
	<b>Sub Total</b>	<b>2069 (97.4)</b>	<b>2120 (99.0)</b>	<b>3272 (98.9)</b>	<b>2401 (98.9)</b>	<b>1157 (98.1)</b>	<b>1922 (99.4)</b>	<b>1200 (96.9)</b>	<b>1908 (97.3)</b>	<b>16049 (98.4)</b>
	<b>Misc. area</b>	<b>55 (2.6)</b>	<b>21 (1.0)</b>	<b>35 (1.1)</b>	<b>27 (1.1)</b>	<b>23 (1.9)</b>	<b>11 (0.6)</b>	<b>38 (3.1)</b>	<b>52 (2.7)</b>	<b>262 (1.6)</b>
	<b>Grand Total</b>	<b>2124 (100.0)</b>	<b>2141 (100.0)</b>	<b>3307 (100.0)</b>	<b>2428 (100.0)</b>	<b>1180 (100.0)</b>	<b>1933 (100.0)</b>	<b>1238 (100.0)</b>	<b>1960 (100.0)</b>	<b>16311 (100.0)</b>

### 9.a) Soil Series-wise distribution of area under different tehsils in Sirohi district.

S.No.	Name of the Soil Series	Area in ha (%) District Sirohi		Total area in ha (%)
		Tehsil- Abu Road	Tehsil - Pindwara	
1.	Bhula	168 (1.0)	139 (0.9)	307 (1.9)
2.	Chandela	1064 (6.5)	276 (1.7)	1340 (2.2)
3.	Doitara	13 (0.1)	51 (0.3)	64 (0.4)
4.	Jambudi	9160 (56.2)	3423 (20.9)	12583 (77.1)
5.	Panchdevela	1402 (8.6)	353 (2.2)	1755 (10.8)
	<b>Sub Total</b>	<b>11807 (72.4)</b>	<b>4242 (26.0)</b>	<b>16049 (98.4)</b>
	<b>Misc. area</b>	<b>175 (1.1)</b>	<b>87 (0.5)</b>	<b>262 (1.6)</b>
	<b>Grand Total</b>	<b>11982 (73.5)</b>	<b>4329 (26.5)</b>	<b>16311 (100.0)</b>

## 9.b) Distribution of Land Capability Units under different subwatersheds.

S.No.	Land Capability Units	Subwatershed code – Area in ha (%)								Total area (%)
		Da2m	Db5m	Db6m	Db6r	De1d	De2b	De2c	De2d	
1.	II-1	-	-	-	-	-	-	8 (0.6)	14 (0.7)	22 (0.1)
2.	Ile – 1	293 (13.8)	154 (7.2)	74 (2.2)	117 (4.8)	177 (15.0)	117 (6.0)	41 (3.3)	36 (1.8)	1009 (6.2)
3.	IVe – 1	9 (0.4)	174 (8.1)	181 (5.5)	104 (4.3)	8 (0.7)	56 (2.9)	73 (5.9)	75 (3.8)	680 (4.2)
4.	IVes - 1	84 (4.0)	35 (1.6)	57 (1.7)	221 (9.1)	120 (10.2)	55 (2.9)	51 (4.1)	57 (2.9)	680 (4.2)
5.	IVes -2	34 (1.6)	238 (11.1)	275 (8.3)	166 (6.8)	79 (6.7)	70 (3.6)	95 (7.7)	118 (6.0)	1075 (6.6)
6.	VIIes -1	25 (1.2)	147 (6.9)	338 (10.2)	205 (8.4)	46 (3.9)	13 (0.7)	42 (3.4)	30 (1.5)	846 (5.1)
7.	P/M	1624 (76.4)	1372 (64.1)	2347 (71.0)	1588 (65.5)	727 (61.6)	1611 (83.3)	890 (71.9)	1578 (80.6)	11737 (72.0)
	<b>SubTotal</b>	<b>2069 (97.4)</b>	<b>2120 (99.0)</b>	<b>3272 (98.9)</b>	<b>2401 (98.9)</b>	<b>1157 (98.1)</b>	<b>1922 (99.4)</b>	<b>1200 (96.9)</b>	<b>1908 (97.3)</b>	<b>16049 (98.4)</b>
	Misc. area	55 (2.6)	21 (1.0)	35 (1.1)	27 (1.1)	23 (1.9)	11 (0.6)	38 (3.1)	52 (2.7)	262 (1.6)
	<b>Grand Total</b>	<b>2124 (100.0)</b>	<b>2141 (100.0)</b>	<b>3307 (100.0)</b>	<b>2428 (100.0)</b>	<b>1180 (100.0)</b>	<b>1933 (100.0)</b>	<b>1238 (100.0)</b>	<b>1960 (100.0)</b>	<b>16311 (100.0)</b>

