

**REPORT ON DETAILED SOIL SURVEY AND LAND USE OF
2D2C6c8, 2D2C6g1, 2D2C6g2, 2D2C6g4, 2D2C6g5, 2D2C6j2,
2D2C6j6, 2D2C6m2, 2D2C6m3, 2D2C6m4, 2D2C6m6, 2D2C6m7,
2D2C6n4 AND 2D2C6s7 MICROWATERSHEDS, LOWER
BANAS (FPR) CATCHMENT, TEHSIL KISHANGARH,
DISTRICT AJMER, RAJASTHAN.**

A B S T R A C T

1. **Surveyed Area:** 2D2C6c8, 2D2C6g1, 2D2C6g2, 2D2C6g4, 2D2C6g5, 2D2C6j2, 2D2C6j6, 2D2C6m2, 2D2C6m3, 2D2C6m4, 2D2C6m6, 2D2C6m7, 2D2C6n4 and 2D2C6s7
Microwatersheds, Lower Banas (FPR) Catchment,
Tehsil Kishangarh, District Ajmer, Rajasthan.
2. **Location:** 26°24' 16" to 26°40' 15" N Latitude
74°49' 11" to 74°59' 53" E Longitude.
3. **Total Surveyed Area:** 16,867 ha.
4. **Number of Villages:** 32
5. **Type of Survey:** Detailed Soil Survey.
6. **Period of Survey:** December 2004 to May, 2005.
7. **Agro-climatic Zone:** Zone 5 (Rajasthan) – Semi Arid Western plain zone.
(under NARP)
8. **Base map:** Cadastral maps (16" : 1 mile scale).

10. Land Capability wise Distribution of Area Under Different Microwatersheds

Sl. No.	Land Capability Unit	Microwatersheds (Watershed 2D2C6) Area in ha														Total area (in ha)
		c8	g1	g2	g4	g5	j2	j6	m2	m3	m4	m6	m7	n4	s7	
1	II- 1		37 3.0	0.0							11 0.8	18 1.5	109 7.3		8 0.8	183 1.1
2	IIe- 1														28 2.9	28 0.2
3	IIIs- 1						10 1.1	24 1.6	48 4.7	44 9.6	15 1.1					141 0.8
4	IIes- 1							70 4.7	116 11.3	91 19.8	10 0.7					287 1.7
5	IIIs- 1											20 1.7	5 0.3			25 0.1
6	IIIs- 2	314 24.9	508 41.0	509 30.6	240 19.7	430 40.5	212 23.5	115 7.8	101 9.8	68 14.8	98 7.0	29 2.5	19 1.3	429 28.2	57 5.9	3129 18.6
7	IIIs- 3										35 2.5	31 2.6	20 1.3			86 0.5
8	IIes-1											16 1.4	6 0.4			22 0.1
9	IIes-2		143 11.6	181 10.9	186 15.2	75 7.1	19 2.1	19 1.3	139 13.5	4 0.9	9 0.6	9 0.8		102 6.7	10 1.0	896 5.3
10	IIes-3							10 0.7	16 1.6	26 5.7	16 1.1					68 0.4
11	IIes-4		72 5.8					21 1.4					5 0.3		67 6.9	165 1.0
12	IVs- 1	189 15.0	68 5.5	66 4.0	19 1.6	32 3.0	184 20.4	143 9.7	33 3.2		52 3.7	10 0.9	158 10.6	5 0.3	332 34.2	1291 7.7
13	IVs-2						2 0.2	8 0.5	87 8.5							97 0.6
14	IVs-3	38 3.0		11 0.7	51 4.2	68 6.4		21 1.4		11 2.4	92 6.5	83 7.1	77 5.2	9 0.6	13 1.3	474 2.8
15	IVes-1			28 1.7								48 4.1		2 0.1	13 1.3	91 0.5
16	IVes- 2	176 14.0	43 3.5	121 7.3	138 11.3	48 4.5	219 24.3	194 13.2	75 7.3	10 2.2	46 3.3		5 0.3	297 19.5	32 3.3	1404 8.3
17	IVes-3							35 2.4	92 9.0	74 16.1	12 0.9					213 1.3
18	IVes-4		25 2.0	86 5.2	5 0.4	17 1.6			2 0.2	10 2.2	43 3.1	72 6.1	62 4.2	14 0.9	9 0.9	345 2.0
19	IVes-5		31 2.5	56 3.4	28 2.3	17 1.6			7 0.7				5 0.3	21 1.4		165 1.0
20	VIs-1	334 26.5	24 1.9	120 7.2	192 15.7	17 1.6	41 4.5	28 1.9	16 1.6	7 1.5	39 2.8	80 6.8		135 8.9	153 15.8	1186 7.0
21	VIs-2	111 8.8	216 17.4	200 12.0	17 1.4	6 0.6	20 2.2	201 13.6	23 2.2		126 9.0	5 0.4	33 2.2	29 1.9	12 1.2	999 5.9
22	VIs-3	41 3.3			28 2.3	127 12.0	82 9.1	187 12.7	130 12.7	70 15.2	194 13.8	22 1.9	44 3.0	17 1.1		942 5.6
23	VIs-4		27 2.2	187 11.3	113 9.3	2 0.2		44 3.0	5 0.5					15 1.0		393 2.3
24	VIs-5				130 10.6	89 8.4	54 6.0	89 6.0	2 0.2	19 4.1	191 13.6	69 5.9	7 0.5			650 3.9
25	VIIes-1	3 0.2	5 0.4	25 1.5		11 1.0	15 1.7	55 3.7	47 4.6	4 0.9	58 4.1	4 0.3	59 4.0	107 7.0		393 2.3
26	P/M							145 9.8	18 1.8		253 18.0	596 50.8	414 27.8	192 12.6	169 17.4	1787 10.6
Sub-Total		1206	1199	1590	1147	939	858	1409	957	438	1300	1112	1028	1374	903	15460
		95.6	96.8	95.7	93.9	88.5	95.1	95.6	93.3	95.2	92.4	94.7	69.0	90.3	93.0	91.7
Misc. Area		55	39	72	74	122	44	65	69	22	107	62	461	147	68	1407
		4.4	3.2	4.3	6.1	11.5	4.9	4.4	6.7	4.8	7.6	5.3	31.0	9.7	7.0	8.3
Grand Total		1261	1238	1662	1221	1061	902	1474	1026	460	1407	1174	1489	1521	971	16867