

A B S T R A C T

1. Survey area : Mc6d, Mc6e (Khan river) and Mc7a (Kali river), Sub watersheds, Mahi R.V.P. Catchment, taluka Dahod, District : Panchmahals, Gujarat
2. Total area : 7798 ha
3. a. Kind of survey : Detailed soil survey
- b. Period of Survey : May, 1981 to June, 1981.
4. Soil series mapped and area covered by each series:

Sr. No.	Name of series	Sub watersheds (Area in ha)			Total area (ha)	Percentage
		Mc6d	Mc6e	Mc7a		
1.	2.	3.	4.	5.	6.	7.
1.	Batakwada	81	85	-	166	2.1
2.	Baliya	28	112	48	88	1.1
3.	Babrole	106	-	24	130	1.7
4.	Dadhela	60	177	10	247	3.2
5.	Dewania	89	92	64	245	3.1
6.	Galalpura	82	-	65	147	1.9
7.	Garadu	42	524	115	681	8.7
8.	Jher	821	1209	1497	3527	45.0
9.	Karodia	65	84	48	197	2.5
10.	Lilwa-Thakore	48	-	23	71	0.9
11.	Motibara	27	129	40	196	2.5
12.	Nanibara	78	128	51	257	3.3
13.	Padla	41	-	88	129	1.6
14.	Simalia	73	-	107	180	2.3
15.	Valunda	58	50	123	131	2.9
16.	Wadwas	355	175	165	695	8.9
17.	Misc. land	243	142	226	611	8.3
18.	Total	2297	2807	2694	7798	100.0

5. Soil and land classification for Agriculture and non agricultural purposes.

Sr. No.	Land capability Unit	Sub-watersheds (Area in ha)			Total area (ha)	Percentage
		Mc6d	Mc6e	Mc7a		
1.	Good arable lands, <u>Minor limitations</u>					
	II-1	219	-	63	287	3.7
	IIe-1	109	147	230	486	6.2
	IIe-2	93	92	21	206	2.6
	IIIs-1	34	-	128	162	2.1
	IIIs-1	94	306	10	410	5.3
2.	Moderately good land moderate <u>limitations</u>					
	IIIe-1	14	-	47	61	0.8
	IIIIs-1	7	-	62	69	0.9
	IIIIs-1	326	96	90	512	6.6
	IIIIs-2	86	207	131	424	5.4
3.	Non arable land					
	VIes-1	183	82	290	555	7.1
	VIes-2	268	1665	878	2811	36.1
	Forest land	621	70	513	1204	15.4
	Misc land	243	142	226	611	7.8
	Total	2297	2807	2694	7798	100.0

