

A B S T R A C T

1. Survey area : Maithan Dam Catchment - Subwatersheds: Ma2a, Ma2b, Ma2f, Ma2g, Ma3a and Ma3b (No. 37/1 and 37/3 D.V.C)
2. (a) Total area reported: 17,999 ha.  
 (b) Period of survey: Feb. '86 to June '86  
 (c) Type of survey: Detail soil survey of medium intensity
3. Subwatershed-wise soil series mapped and area covered by each in ha.

Sl No.	Soil series	Area in ha.	%	Ma2a	Ma2b	Ma2f	Ma2g	Ma3a	Ma3b	Total soil mapping unit
1	2	3	4	5	6	7	8	9	10	11
1.	AMRA (AR)	334	1.9	-	12	12	178	18	114	3
2.	DUMKA (D)	7959	44.1	913	382	1417	2364	1460	1423	4
3.	KARAYA (K)	3841	21.4	466	126	855	999	755	640	3
4.	LACHIMPUR (L)	2492	13.9	339	118	619	590	386	440	5
5.	MUNHARI (M)	274	1.6	106	-	53	-	12	103	2
6.	PUSARO (P)	1410	7.8	119	46	442	144	309	350	5
7.	MISC. LAND TYPE	1689	9.3	335	392	238	333	132	259	-
<b>Total:</b>		<b>17,999</b>	<b>100</b>	<b>2278</b>	<b>1076</b>	<b>3636</b>	<b>4608</b>	<b>3072</b>	<b>3329</b>	<b>22</b>

SUBWATERSHEDWISE AREA IN HA. UNDER DIFFERENT LAND CAPABILITY CLASSES

Sl.No.	Land capability class	Ma2a	Ma2b	Ma2f	Na2g	Ma3a	Ma3b	Total	Series
1.	II %	691 30.1	152 14.1	1219 33.5	1107 24.1	1051 34.2	1077 32.3	5297	Karaya Pusaro Munhari
2.	III %	339 15.1	116 10.8	594 16.3	479 10.4	386 12.5	392 11.8	2306	Lakshmiapur
3.	IV %	-	-	-	14 0.3	25 0.8	-	39	Pusaro
4.	VI %	913 40.1	404 37.6	1573 43.3	2497 54.2	1460 47.2	1487 44.7	8334	Dumka Lakshmiapur Pusaro
5.	VII %	-	12 1.1	12 0.3	178 3.8	18 0.6	114 3.4	334	Amra
	Total Misc. %	335 14.7	392 36.4	238 6.6	333 7.2	132 4.3	259 7.8	1689	
	Grand total: %	2278 100	1076 100	3636 100	4608 100	3072 100	3329 100	17,999	

