

Report on detailed soil survey of Am3b, Am3f, An1c and An1h subwatersheds under Nagarjunsagar catchment in South Sholapur taluk and Sholapur district, Maharashtra State.

Combined abstract for Am3b, Am3f, An1c and An1h subwatersheds.

1. Survey area : Am3b, Am3f, An1c and An1h subwatersheds under Nagarjunsagar catchment, South Sholapur taluk, Sholapur dist. Maharashtra State.
2. Total area mapped : 22475
3. Period of work : December 1981 to June 1983

4. Soil series mapped under each

Sl.No.	Soil series	Area in hectares in					Gross percentage
		Am3b	Am3f	An1c	An1h	Total	
1.	Borale	2448	3126	2711	2748	11033	49.1
2.	Dahiwadi	1306	-	-	-	1306	5.8
3.	Hingna	68	-	-	-	68	0.3
4.	Hivargaon	-	77	52	188	317	1.4
5.	Huljanthi	1634	-	-	-	1634	7.3
6.	Khomnal	172	154	131	79	536	2.4
7.	Kudal	-	348	1304	-	1662	7.4
8.	Nandeshwar	39	-	21	676	736	3.3
9.	Patewadi	-	1696	391	1257	3344	14.9
10.	Talsangi	230	49	182	772	1233	5.5
11.	Miscellaneous	87	225	155	140	607	2.7
Total		5984	5685	4947	5860	22476	100.0

5. Area under different land capability classes

Sl.No.	Land capability class	Area in hectares in					Gross Total %	Soil series
		Am3b	Am3f	An1c	An1h	Total		
1.	II	2620	3357	2191	2625	10793	48.1	Borale, Hivargaon
2.	III	91	358	2152	1568	4169	18.5	Borale, Hingna, Hivargaon, Kudal
3.	IV	1874	1745	449	1515	5583	24.8	Borale, Hingna, Hivargaon, Huljanthi, Kudal, Nandeshwar, Patewadi, Talsangi
4.	VI	6	-	-	12	18	0.1	Hivargaon
5.	VII	1306	-	-	-	1306	5.8	Talsangi, Huljanthi
	Miscellaneous	87	225	155	140	607	2.7	
Grand total		5984	5685	4947	5860	22476	100.0	

6. Specific problematic areas

	Areas in the				
	Am3b	Am3f	An1c	An1h	Total
1. Moderate erosion on 3% slope on moderately, deep and deeper soils	68	-	1070	806	1944
2. Moderate to severe stoniness	56	539	474	-	1069
3. Shallow rooting depth	3120	1745	573	2029	7467
Total	3244	2284	2117	2835	10480