

Report on detailed soil survey of Ah3m2 and Ah3n2 subwatersheds of Nagarjunsagar catchment in Umarga and Akalkot taluks of Latur and Sholapur districts, Maharashtra State.

Abstract for Ah3m2 & Ah3n2 subwatersheds

1. Survey area : Ah3m2 & Ah3n2 subwatersheds of Nagarjunsagar catchment in Umarga and Akalkot taluks, Latur and Sholapur districts Maharashtra State.
2. Total area mapped and reported: 9808 hectares
3. Period of work : December 1981 to July 1982
4. Soil series mapped and area in hectares covered under each

Sl. No.	Soil series name	Total area in hectares	Percentage of total area	Area in hectares and their %			
				Ah3m2 sub-watershed	%	Ah3n2 sub-watershed	%
1.	Alur	393	4.0	Nil	Nil	393	8.6
2.	Ashta	421	4.3	421	8.0	Nil	Nil
3.	Borale	3247	33.1	2866	54.8	381	8.3
4.	Gogaon	368	3.8	206	4.0	162	3.5
5.	Mangalvedha	1381	14.1	829	15.8	552	12.1
6.	Talsangi	810	8.3	623	11.9	187	4.1
7.	Tanali	116	1.2	116	2.2	nil	nil
8.	Wadgaon	2871	29.2	nil	nil	2871	62.8
9.	Miscellaneous	201	2.0	175	3.3	26	0.6
Total		9808	100.0	5236	100.0	4572	100.0

5. Land capability classes

Sl. No.	Classes	Area in hectares	Percentage of total area	Area in hectare & %			
				Ah3m2 sub-watershed	Soil series & Percentage	Ah3n2 sub-watershed	Soil series & Percentage
1.	II	3731	38.1	3188 61.0%	1. Borale 2. Gogaon 3. Tanali	543 11.9%	1. Borale 2. Gogaon
2.	III	1381	14.1	829 15.8%	1. Mangalvedha	552 12.0%	1. Mangalvedha
3.	IV	4437	45.2	1044 19.9	1. Ashta 2. Talsangi	3393 74.2%	1. Alur 2. Talsangi 3. Wadgaon
4.	VI	58	0.6	nil	nil	58 1.3%	1. Wadgaon
	Miscellaneous	201	2.0	175 3.3%		26 0.6%	
Total		9808	100.0	5236 100%		4572 100%	

6. Specific problematic areas (in hectares)

	Total	in Ah3m2 sub-watershed	in Ah3n2 sub-watershed
a. Stoniness	3202	267	2935
b. Shallowness	4374	946	3428
Total	7576	1213	6363
Actual problematic area	4505	1044	3461

An Area of 3071 hectares (169+2902 hectares respectively) having more than one problem has been accounted more than once in the total but only once in the actual problematic area.