

Report on detailed soil survey of Am1f and Am2c subwatersheds of Nagarjunsagar catchment in Mangalvedha and Jath taluks, Sholapur and Sangli districts of Maharashtra State.

ABSTRACT

1. Survey area : Am1f and Am2c subwatersheds of Nagarjunsagar catchment in Mangalvedha and Jath taluks, Sholapur and Sangli districts, Maharashtra State.
2. Total area surveyed and reported: 14,229 hectares
3. Period of work : January 1983 to June 1983
4. Soil series mapped and area in hectares covered under each

Soil series name	Area in hectares			Gross percentage
	Am1f	Am2c	Total	
1. Borale	-	974	974	6.8
2. Dahiwadi	1542	186	1728	12.1
3. Hippargaon	534	-	534	3.8
4. Huljanthi	2211	3973	6184	43.5
5. Khonnal	182	9	191	1.3
6. Maroli	231	776	1007	7.1
7. Umadi	976	-	976	6.9
8. Utagi	1205	-	1205	8.5
9. Yelgi	432	796	1228	8.6
10. Miscellaneous	152	50	202	1.4
Total	7455	6764	14,229	100.0

5. Land capability classes:

Classes	Area in hectares			Gross percentage	Soil series
	Am1f	Am2c	Total		
II	716	983	1699	11.9	Borale, Hippargaon Khonnal
III	1408	796	2204	15.5	Umadi Yelgi
IV	3647	4640	8287	58.2	Huljanthi Maroli Utagi
VI	-	109	109	0.8	Huljanthi, Maroli
VII	1542	186	1728	12.2	Dahiwadi
Misc.	152	50	202	1.4	
Total	7455	6764	14229	100.0	

6. Specific problematic areas	Am1f	Am2c	Total
a. Moderate erosion on slope above 3% on moderately deep and deep soils	425	-	425
b. Stoniness gravelliness	* 2111	126	2237
c. Shallowness	5589	4835	10424
Actual problematic area	6014	4835	10849

\* Indicates more than one problem which is accounted only once in the total problematic area.