

Report on detailed soil survey of Am4d subwatershed of Nagarjunsagar catchment in Mangalvedha taluk, Sholapur district, Maharashtra State.

Abstract for the area surveyed

1. Survey area : Am4d subwatershed of Nagarjunsagar catchment of Mangalvedha taluk, Sholapur district, Maharashtra State.
2. Total area mapped and reported: 9259 hectares
3. Period of work : December 1981 to March 1982
4. Soil series mapped and area under each

<u>Sl.No.</u>	<u>Soil series name</u>	<u>Area in hectares</u>	<u>Percentage</u>
1.	Borale	836	9.0
2.	Khomnal	55	0.6
3.	Nandeshwar	670	7.3
4.	Patewadi	1197	12.9
5.	Radde	75	0.8
6.	Talsangi	6307	68.1
7.	Miscellaneous lands	<u>119</u>	<u>1.3</u>
		9259	100.0

5. Area under different land capability units

<u>Sl.No.</u>	<u>Land capability unit</u>	<u>Area</u>	<u>Percentage</u>	<u>Soil series</u>
1.	IIes-1	836	9.0	Borale
2.	IIes-2	55	0.6	Khomnal
3.	IIIes-1	670	7.3	Nandeshwar
4.	IVes-1	413	4.4	Patewadi
5.	IVes-2	6953	75.1	Patewadi Radde Talsangi
6.	IVes-3	108	1.2	Patewadi Radde
7.	IVes-4	29	0.3	Patewadi Radde Talsangi
8.	VIes-1	76	0.8	Radde Talsangi
	Miscellaneous lands	<u>119</u>	<u>1.3</u>	
	Total	9259	100.0	

6. Specific problematic areas

1.	Shallow rooting depth	7579 hectares
2.	Stoniness and rockiness	29 "
3.	Severe erosion	178 "

Note: Area under severe erosion, stoniness and rockiness will account in shallow rooting depth also. Hence the total problematic area is 7579 hectares only.