

Report on detailed soil survey of An2j subwatershed under Nagarjunsagar catchment in Mangalvedha and Sangola taluks, Sholapur district, Maharashtra State.

Abstract for the area surveyed

1. Survey area : An2j subwatershed of Nagarjunsagar catchment in Mangalvedha and Sangola talukas, Sholapur district, Maharashtra.

2. Total area mapped and reported: 9,072 hectares

3. Period of work : December 1980 to April 1981

4. Soil series mapped and area under each:

<u>Soil series name</u>	<u>Area in hectare</u>	<u>Percentage</u>
1. Borale	1342	14.8
2. Jungalgi	551	6.1
3. Khonnal	55	0.6
4. Radde	5295	58.3
5. Talsangi	1711	18.9
6. Miscellaneous	118	1.3
<b>Total</b>	<b>9072</b>	<b>100.0</b>

5. Area under different land capability units :

	<u>Land capability unit</u>	<u>Area</u>	<u>Percentage</u>	<u>Soil series</u>
1.	IIes-1	1389	15.3	Borale, Khonnal
2.	IIIes-1	551	6.1	Jungalgi
	IIIes-2	8	0.1	Khonnal
3.	IVes-1	5991	66.0	Radde Talsangi
	IVes-2	492	5.4	Radde
4.	VIes-1	88	1.0	Radde
	VIes-2	72	0.8	Radde Talsangi
5.	VIIes-1	363	4.0	Radde
	Miscellaneous	118	1.3	Talsangi
	<b>Total</b>	<b>9072</b>	<b>100.0</b>	

6. Specific problematic area:

- i) Moderate erosion on slopes above 3% on moderately deep to deep soils - 84 hect.
- ii) Problem of graveliness - 598 "
- iii) Shallow rooting depth - 6934 "
- iv) Severe erosion - 363 "

For any additional information or comments, the project officer, All India Soil & Water Use Survey (Deptt. of Agr. & Co-operation), IARI, New Delhi, is welcome by the Project Officer, All India Soil & Water Use Survey, 6th Main, 15th Cross, Malleshwara, Bangalore-560008.