

Report on detailed soil survey and land use of Np2d, Np3a and Np3b subwatersheds of Nizamsagar catchment, Nilanga taluk, Latur dist. Maharashtra.

Abstract for Np2d, Np3a & Np3b subwatersheds

1. Surveyed area : Np2d, Np3a and Np3b subwatersheds of Nizamsagar catchment, Nilanga taluk, Latur district, Maharashtra.
2. Total area mapped and reported: 16,047 hectares
3. Period of work : December 1982 to June 1983
4. Soil series mapped and area in hectares under each

Sl. No.	Soil series name	Np2d	Np3a	Np3b	Total area in hectares	Percentage
1.	Ari	53	-	2	55	0.4
2.	Chimkod	133	423	223	779	4.8
3.	Gadgi	107	125	167	399	2.5
4.	Halki	-	7	15	22	0.2
5.	Khanapur	87	49	117	253	1.6
6.	Kandgola	1136	474	900	2510	15.6
7.	Kumbhari	54	49	78	181	1.1
8.	Ladha	43	118	157	318	2.0
9.	Sorhally	910	889	954	2753	17.1
10.	Sultanpur	1766	1741	1498	4999	31.2
11.	Tambrawadi	47	5	3	55	0.3
12.	Wadgaon	1300	512	1217	3029	18.9
13.	Miscellaneous lands	30	66	108	204	1.3
Total		6150	4458	5439	16047	100.0

5. Area under different land capability units

Sl. No.	Land capability unit	Area	Percentage	Soil series
1.	IIes-1	85	0.5	Sultanpur,
2.	IIes-1	5697	35.5	Sorhally, Sultanpur
3.	IIes-2	766	4.8	Chimkod, Kumbhari
4.	IIes-3	23	0.2	Chimkod
5.	IIIes-1	1504	9.4	Chimkod, Kumbhari, Sultanpur
6.	IIIes-2	17	0.1	Chimkod
7.	IIIes-3	1900	11.8	Gadgi, Kandgola
8.	IIIes-4	1613	10.1	Gadgi, Kandgola, Sorhally
9.	IVes-1	867	5.4	Khanapur, Wadgaon
10.	IVes-2	2848	17.7	Khanapur, Tambrawadi, Wadgaon
11.	IVes-3	9	0.1	Kandgola
12.	VIes-1	112	0.7	Wadgaon
13.	VIIes-1	49	0.2	Halki, Ladha
14.	VIIes-2	346	2.2	Ari, Ladha
Miscellaneous		204	1.3	
Total		16047	100.0	

6. Specific problematic areas:

Moderate erosion on above 3% slope on moderately deep to very deep soils - 2784 hectares

Moderate to severe stoniness - 4270 "

Total - 7054 "