

**Report on Detailed Soil Survey and Land Use of
Ag3u and Ag3y subwatersheds of
Nagarjunasagar Catchment, Shorapur Taluk,
Gulbarga District, Karnataka**

ABSTRACT

01. Survey area : Ag3u and Ag3y subwatersheds of
Nagarjunasagar catchment, Shorapur taluk,
Gulbarga district, Karnataka
02. Type of survey : Detailed soil survey
03. Type of base map : Cadastral map (1:7,920 scale)
04. No. of villages covered : 21
05. Total area surveyed (ha) : 11,771 ha

No.	Subwatershed code	Net area	Misc. area	Total area
01	Ag3u	5564	351	5915
02	Ag3y	5276	580	5856
		10840	931	11771

06. Period of survey : December 2004 to June, 2005
07. Agro-climatic Zone : Southern plateau and hill region

08. Soil series identified and their subwatershedwise distribution

(Area in ha)

	Soil series	Ag3u	Ag3y	Misc.	Total	Percentage
01	Chennampalli	529	50	-	579	4.9
02	Devargudda	280	14	-	294	2.5
03	Gabbur	228	25	-	253	2.1
04	Holiguda	1625	1810	-	3435	29.2
05	Kondapur	274	188	-	462	4.0
06	Shorapur	365	999	-	1364	11.6
07	Tumkur	830	63	-	893	7.6
08	Venkatapur	1046	1572	-	2618	22.2
09	Wadagera	387	555	-	942	8.0
	Total	5564	5276	-	10840	92.1
	Misc.	351	580	931	931	7.9
	Grand Total	5915	5856	931	11771	100.0

09. Potential for agricultural development and land capability classification

Description	Land capability class	Area (ha)	Percentage	Land capability unit	Area (ha)	Soil series
Good cultivated land	II	2179	18.6	IIs-1	285	Shorapur Wadagera
				IIses-1	1894	Shorapur Wadagera
Moderately good cultivated lands	III	1776	15.1	IIIs-1	255	Tumkur
				IIIses-1	550	Devargudda Tumkur
				IIIses-2	251	Devargudda Tumkur
				IIIses-3	486	Devargudda Kondapur
				IIIses-4 IIIses-5	107 127	Devargudda Shorapur
Very well suited for grazing. Not arable	V	6306	53.5	Vs-1	1077	Holiguda Venkatapur
				Vs-2	178	Holiguda
				Vses-1	4314	Gabbur Holiguda
				Vses-2	57	Gabbur
				Vses-3	99	Holiguda
				Vses-4	581	Holiguda Venkatapur
				Fairly suited for grazing or forest	VII	579
VIIes-2	80	Chennampalli				
Total		10840	92.1		10840	
Misc		931	7.9		931	
Total		11771	100.0		11771	

