

**Report on detailed soil survey and landuse of Ablc and Abld subwatersheds of Nagarjunasagar catchment, Devarkonda taluk, Nalgonda district, Andhra Pradesh**

**ABSTRACT**

1. Survey area : Nagarjunasagar catchment  
Devarkonda taluk, Nalgonda district,  
Andhra Pradesh  
Ablc and Abld subwatersheds
2. Type of Survey : Detailed soil survey
3. Total area : 5260 ha

Subwatersheds	Net area	Misc. area	Total area
Ablc	1489	1472	2961
Abl d	785	1514	2299
	2274	2986	5260

**APPENDICES**

4. Period of survey : April 1986 to June 1986
5. Soil series and their extent

Name of the soil series (Symbol)	Area under different subwatersheds		Total
	Ablc	Abl d	
Boddupalli (BD)	7 (0.5)	80 (10.3)	87 (11.1)
Devarkonda (DK)	705 (47.3)	231 (29.4)	936 (41.2)
Patancheru (PR)	6 (0.4)	59 (7.5)	65 (2.9)
Tatikol (T)	668 (44.9)	367 (46.8)	1035 (45.5)
Telugupalli	103 (6.9)	48 (6.1)	151 (6.6)
Total	1489	785	2274
Misc. lands	1472	1514	2986
Grand total	2961	2299	5260

Table 14 : Soil survey inventory and soil management

Soil series	Soil mapping unit	Land capability class	Area (ha)
Boddupalli	BD2 <u>c</u> B2	IVse-1	77
	BD2 <u>d</u> B2	IVse-1	<u>10</u>
			<u>87</u>
Devarkonda	DK3 <u>c</u> B2	IIIes-1	505
	DK3 <u>c</u> B2 <u>S</u>	IIIes-2	41
	DK3 <u>c</u> B2SR	IIIes-2	90
	DK3 <u>c</u> C2	IVes-1	281
	DK3 <u>d</u> C2	IVes-1	<u>19</u>
		<u>936</u>	
Patancheru	PT4 <u>d</u> B2	IIe-1	63
	PT4 <u>k</u> B1	II-2	<u>2</u>
			<u>65</u>
Tatikol	T2 <u>c</u> B2	IVse-1	91
	T2 <u>c</u> B2 <u>S</u>	IVse-2	218
	T2 <u>c</u> C2	IVse-3	125
	T2 <u>c</u> C2 <u>S</u>	IVse-4	212
	T2 <u>c</u> C2 <u>S</u>	IVse-4	273
	T2 <u>c</u> C3	IVes-2	<u>116</u>
		<u>1035</u>	
Telugupalli	TP4 <u>k</u> B(A)1	II-1	151