

**Report on Detailed Soil Survey and Land Use of
Peddagadda (4F1C6 part) (NWDpra) Watershed
Cheepurapalli Taluk, Srikakulam District
Andhra Pradesh**

ABSTRACT

01. Survey area : Peddagadda Watershed 4F1C6 (Part)
Cheepurapalli taluk, Srikakulam district
Andhra Pradesh
2. Type of survey : Detailed soil survey
03. Type of base map : Cadastral map (1:7,920 scale)
04. No. of villages covered : 09
05. Total area surveyed (ha) : 3,817 ha
06. Period of survey : May to June, 2004
07. Agro-climatic Zone : Southern plateau and hill region (Zone X)
08. Soil series identified and their subwatershedwise distribution (ha)

	Soil series	Area (ha)	Percen -tage
01	Adapaka	281	7.4
02	Bejjipuram	923	24.2
03	Laveru	224	5.9
04	Subhadrapuram	133	3.5
05	Tallavalasa	1611	42.2
	Total	3172	
	Misc.	645	16.8
	Grand Total	3817	100.0

09. Potential for agricultural development and land capability classification

Description	Land capability class	Area (ha)	Land capability unit	Area (ha)	Soil series
Good cultivated land	II	2781	IIs-1	281	Adapaka
			IIs-2	810	Bejjipuram
			IIs-1	1690	Tallavalasa
Moderately good cultivated lands	III	391	IIIes-1	34	Bejjipuram
			IIIes-2	357	Subhadrapuram
Total		3172		3172	
Misc		645		--	
Total		3817			

10. Salient Features

- # Very deep soils cover 2815 ha (73.8%)
- # 2047 ha (53.7%) area suffer from moderate erosion
- # Very gently sloping area is 3113 ha (81.6%)
- # Sodic soils (Adapaka series) cover 281 ha (9.4%)
- # Good cultivated lands (land capability class II) cover 2781 ha area (72.9%)
- # Gently sloping area is 59 ha (1.6%)