

1. SURVEY AREA

Mb2b, Mb2c, Mb2d, Mh1a, Mh2a, Mj1b, Mj2a & Mj2c subwatersheds of Machhakund RVPcatchment,

I Distt- Visakhapatnam-Andhra Pradesh

- 2. Total area Surveyed - 17060 ha
- 3. Type of survey - Detailed soil survey
- 4. Period of survey - Nov 1980 to June 1981.

5. Soil irrigability classes

* CLASS	Area in ha	Percent
A. None to slight soil limitations	Nil	-
B. Moderate soil limitations	2769	17.0
C. Severe soil limitations	2409	14.7
D. Very severe soil limitations	-	-
E. Not suitable	11,155	68.3
<b>Total</b>	<b>16,333</b>	<b>100</b>

6. Land irrigability classes

CLASS	Area in ha	Percent
1. Few limitation	-	-
2. S Moderate due to soil limitation	1015	6.3
2-dt. Moderate drainage and topographic limitation.	788	4.8
3st- Severe soil and topographic limitation.	966	5.9
4st- Marginal soil and topographic limitation	2409	14.7
5. Temporarily classed unsuitable	-	-
6st - Net suitable due to soil & topography	11,155	68.3
<b>Total</b>	<b>16,333</b>	<b>100</b>

7. Paddy soil groups

Group	Area in ha	Percent
Very good	788	4.8%
good	1015	6.3%
Fair	966	5.9%
Poor to un suitable	13564	83.0%
<b>Total</b>	<b>16,333</b>	<b>100</b>

8. Hydrologic soil groups

Group	Area in ha	Percent
A- Low run of potential	11,017	67.5
B- Moderately low run off potential	3191	19.5
C- Moderately High run of potential	1776	10.9
D- High run off potential	349	2.1
<b>Total</b>	<b>16,333</b>	<b>100</b>