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Report on Detailed Soil Survey and Land Use of Jb7j, K, Jh1b & d subwatersheds, Jayakwadi catchment, Tahsil - Newasa, District Ahmadnagar, Maharashtra State.

A B S T R A C T

1. Survey area : Jb7j, K, Jh1b and d subwatersheds, Jayakwadi catchment, Maharashtra State
2. Total area reported: 14,825 ha and mapped
3. Type of survey : Detailed Soil Survey
4. Period of survey : May 93 to June 93
5. Soil series and area mapped under series

Sr. No.	Name of soil series	Total area (ha)	Percentage
1.	Balanagar (BA)	143	1.0
2.	Chinchori (C)	875	6.3
3.	Ghotan (GH)	356	2.6
4.	Jambhali (J)	516	3.7
5.	Kapuswadi (K)	2250	16.3
6.	Lakhegaon (L)	2303	16.7
7.	Nilisgaon (N)	4401	31.9
8.	Petamandi (P)	338	2.5
9.	Wava (WA)	2632	19.0
Total		13814	100.0
Misc. (Road, River, Tank etc.)		1011	
Grand Total		14825	

LAND CAPABILITY CLASSES

Sr. No.	Capability Class	Total area	Soil Series
1.	II	2166 (15.7)	Balanagar, Jambhali, Lakhegaon
2.	III	3454 (25.0)	Ghotan, Jambhali Lakhegaon, Wava
3.	IV	7495 (54.2)	Balanagar, Chinchori, Lakhegaon, Kapuswadi, Nilisgaon
4.	VI	699 (5.1)	Kapuswadi, Petamandi
Total		13814 (100.0)	

N.B. Figures in parantheses indicate the percentages

Specific problems :

Sr. No.	Erosion Classes	Total area (ha)	Percentage	Soil Series
1.	Moderate	10762	77.9	Balanagar, Chinchori, Ghotan, Jambhali, Kapuswadi, Lakhegaon Nilisgaon, Wava
2.	Severe	1492	10.8	Chinchori, Kapuswadi, Lakhegaon Nilisgaon, Petamandi
		12254	88.7	

Percentage calculated on total area covered by
Soil Series under report