

ABSTRACT

1. Survey area : Priority subwatersheds Uk4f and Uk4m of Ukai Catchment, Jalgaon Tahsil of Jalgaon District, Maharashtra
2. (a) Total area reported and mapped : 8,261 ha
 (b) Period of survey : May and June, 1982
3. Soil series mapped and area covered by each (ha) :

Sl. No.	Name of soil series	Area in (ha)	%	Watersheds	
				Uk4f	Uk4m
1.	Bholana	481	5.8	272	209
2.	Daul	2993	36.2	1580	1413
3.	Jotvada	777	9.4	378	399
4.	Kharda	23	0.3	-	23
5.	Shendvada	3377	40.9	920	2457
Total of soil series :		7651	92.6	3150	4501
6.	Other features, road, habitation, river, nala etc.	610	7.4	389	221
Grand Total :		8261	(100)	3539	4722

4. Land capability classification :

Capability units	Area in ha	%	Soil series
IIe	151	2.0	Bholana
IIes	1338	17.5	Shendvada
IIIe	330	4.3	Bholana, Daul
IIIes	1497	19.6	Jotvada, Shendvada
IVes	1540	20.1	Daul, Jotvada, Shendvada
VIes	2795	36.5	Daul, Kharda
Total :	7651	100	-

5. Specific problems :

Nature of problems	Area (ha)	%	Associated soil series
1. Moderate erosion	3097	(40.5)	Bholana, Jotvada, Shendvada
2. Severe erosion	1759	(23.0)	Bholana, Daul, Jotvada, Shendvada
3. Very severe erosion	2795	(36.5)	Daul, Kharda
Total :	7651	100	-