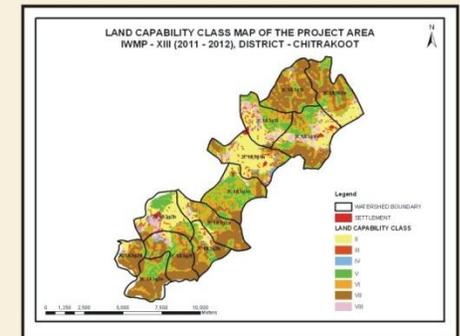
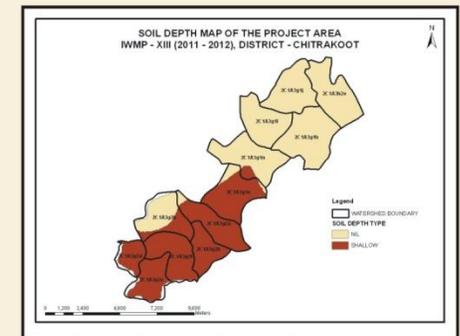
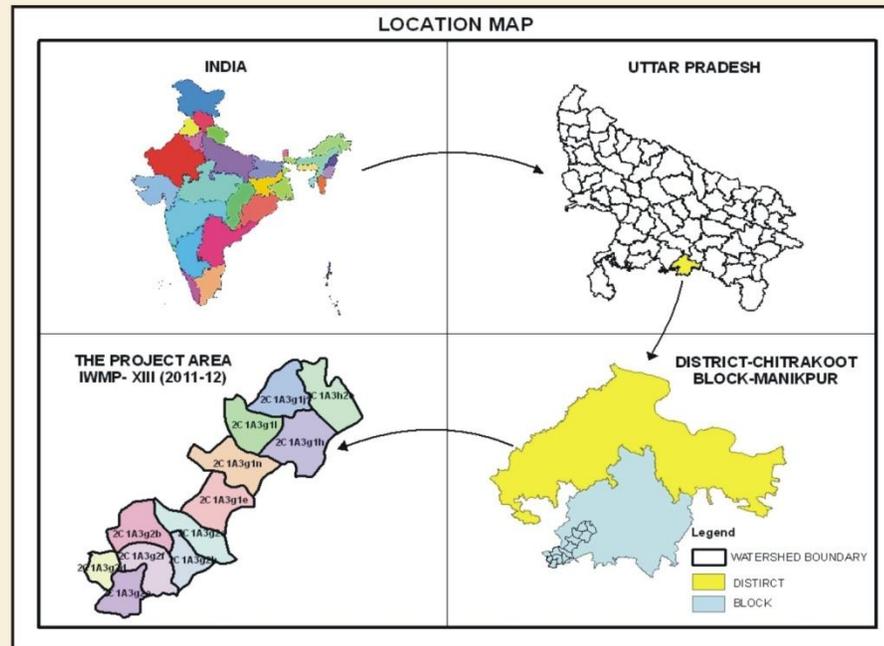
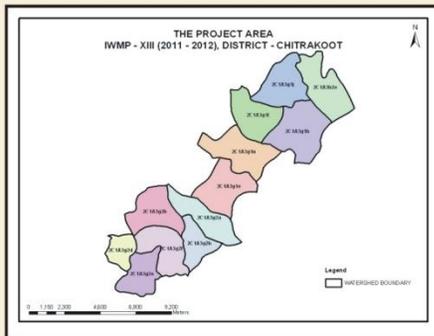
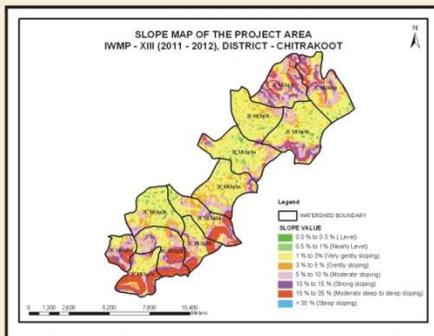


# DETAILED PROJECT REPORT

## OF INTEGRATED WATERSHED MANAGEMENT PROGRAMME- XIII CHITRAKOOT (2011-12)



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Submitted to :  
Dept. of Land Development &  
Water Resources, U.P.

## **CERTIFICATE**

*It is certified that the proposed IWMP-XIII project of Chitrakoot district of U.P. comprising twelve (12) micro-watersheds of district Chitrakoot, Uttar Pradesh has been selected for its sustainable development on watershed basis under Integrated Watershed Management Programme. The land is physically available for proposed interventions and is not overlapping with any other schemes. It will be developed as per Common Guidelines for Watershed Development Project-2008, GOI, New Delhi. The significant results will be achieved through proposed interventions on soil and water conservation, ground water recharge, availability of drinking and irrigation water, agricultural production systems, livestock, fodder availability, livelihoods of asset-less, capacity building, etc. The proposed Detailed Project Report of IWMP-XIII for financial year 2011-12 is submitted for its approval and implementation.*

**Bhoomi Sanrakshan Adhikari**

Department of Agriculture,  
Soil Conservation Unit, Karwi-1, Chitrakoot

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## EXECUTIVE SUMMARY

IWMP-XIII Project is situated in Manikpur Block of Chitrakoot district, Uttar Pradesh. The Project area comprises of 12 Micro-watersheds. The total geographical area of the project is 9090.51 ha, out of which 4926.95 ha area has been taken for treatment under Integrated Watershed Management Programme starting year 2011-12. Total (06) villages are being covered under this project. This watershed has been identified by the state department under IWMP scheme by proper prioritization of different parameters for watershed selection criteria. The above watershed is located on Satna-Manikpur road about 70 kms from the district headquarter. It lies between 24°55'02"N to 25°03'47"N latitude and 80°48'25"E to 80°58'00"E longitude. Brief details of various component of the project are given below.

The altitude of the area, on an average, ranges from 172 to 316 m above the Mean Sea Level (MSL). The summer, rainy and winter temperatures range between 30-44°C, 20-24°C and 14-21°C respectively. The May and June are the hottest months and sometime temperature goes up to 48.0oC and minimum temperature falls to 2.0°C during December-January. The run-off of the project area is about 355.24 mm per year.

Agriculture practices in the area are generally mono-cropping due to Anna Pratha. The farmers generally leave their fields fallow for free range grazing system in Kharif season, which makes cultivation difficult. These livestock, generally sheep, goat and indigenous cattle, having low productivity are let loose for grazing.

The baseline surveys have been conducted at individual household level. The details are given in chapter 3. The institution arrangement like PIA and its staff, WDT, UG, SHG and WC details have been annexed in chapter 4. The management and action plan like livelihood, production system and treatment area action plan details have been annexed in the respective chapters. All the thematic maps pertaining to the project area have been attached along with the action plan map. Finally an attempt has been made to prepare individual project wise file for all the MWS wise.

**TABLE 1: PROJECT AT A GLANCE**

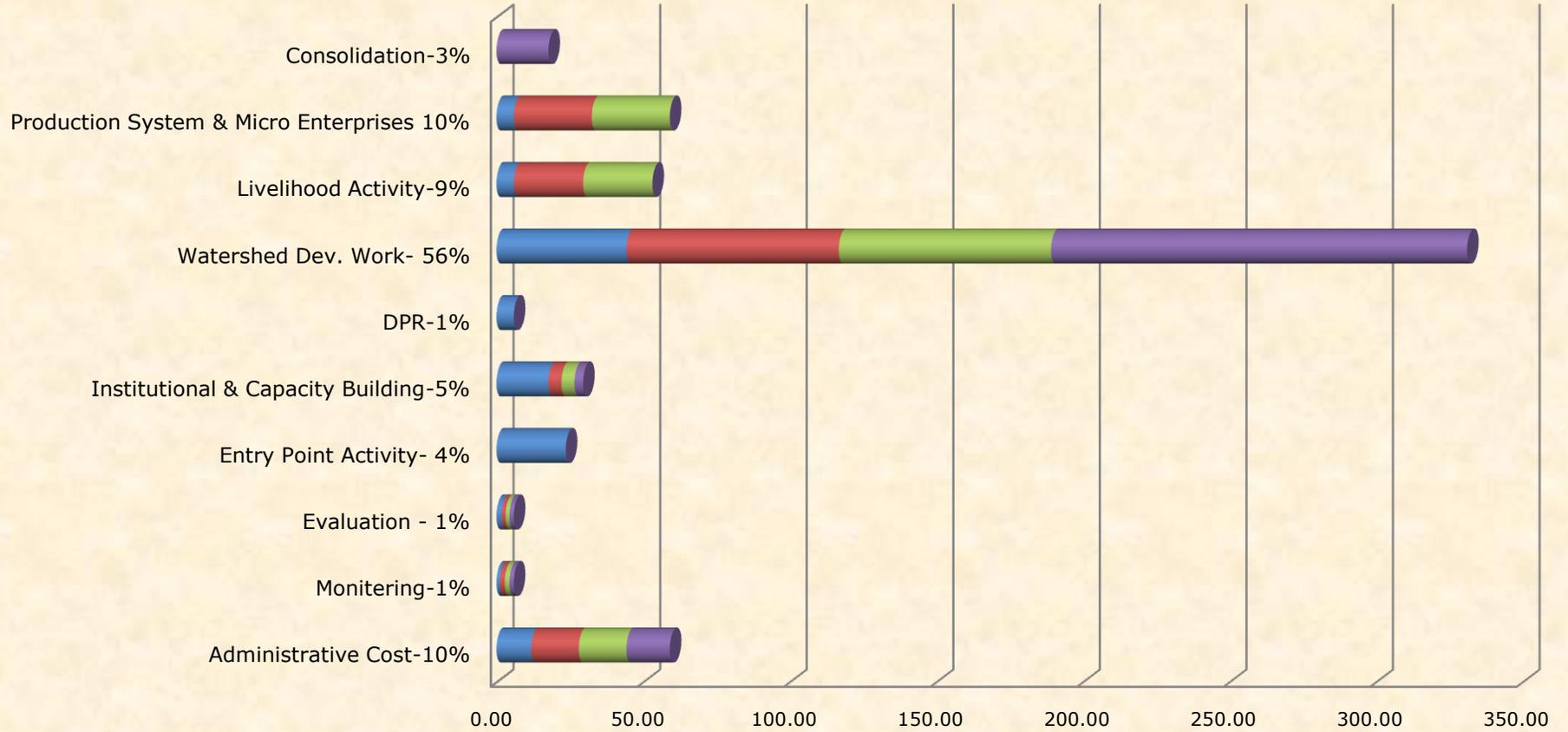
1.	Name of Project	IWMP –XIII, R. B. YAMUNA RIVER WATERSHED			
2.	Name of Block	Manikpur			
3.	Name of District	Chitrakoot			
4.	Name of State	Uttar Pradesh			
5.	No of Micro Watershed	12			
6.	Name of Gram panchayat under Micro Watershed	Dadamafi, Tikariya Jamunihai, Amchur Neruwa, Bambia, Mangawan, Etawa Dudaila			
7.	Name and Code of Micro Watershed	2C1A3g1e Dodamafee-I	2C1A3g1h Amchur Neruwa-I	2C1A3g1j Amchur Neruwa-II	2C1A3g1n Dodamafee-II
		2C1A3g1l Tikariya Jamunihai	2C1A3g2a Kusumi-I	2C1A3g2b Itwa Dudaila-I	2C1A3g2d Itwa Dudaila-II
		2C1A3g2e Itwa Dudaila-III	2C1A3g2f Itwa Dudaila-IV	2C1A3g2h Kusumi -II	2C1A3h2e Amchur Neruwa-III
8.	Project Area	9090.51 ha			
9.	Rainfed Area	3336.95 ha			
10.	Proposed Area for Treatment	4926.95 ha			
11.	Cost per Hectare	Rs. 12000/ha			
12.	Project Period	2011-12 to 2014-15			
13.	Total Cost of Project	Rs. 591.23 Lacs			

**TABLE 2: YEAR-WISE PHASING (PHYSICAL & FINANCIAL) OF IWMP-XIII, CHITRAKOOT (U.P.)**

Phy. In ha, Fin. in lacs

S. No.	Particulars	Ist Year 2011-12		IInd Year 2012-13		IIIrd Year 2013-14		IVth Year 2014-15		Total	
		Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy
1	Administrative Cost-10%	11.82	-	16.26	-	16.26	-	14.78	-	59.12	-
2	Monitering-1%	1.18	-	1.63	-	1.63	-	1.48	-	5.91	-
3	Evaluation - 1%	1.77	-	1.33	-	1.33	-	1.48	-	5.91	-
4	Entry Point Activity- 4%	23.65	-	0.00	-	0.00	-	0.00	-	23.65	-
5	Institutional & Capacity Building-5%	17.74	-	4.43	-	4.43	-	2.96	-	29.56	-
6	DPR-1%	5.91	-	0.00	-	0.00	-	0.00	-	5.91	-
7	Watershed Dev. Work- 56%	44.34	739.04	72.43	1157.83	72.43	1157.83	141.90	1872.24	331.09	4926.95
8	Livelihood Activity-9%	5.91	-	23.65	-	23.65	-	0.00	-	53.21	-
9	Production System & Micro Enterprises 10%	5.91	-	26.61	-	26.61	-	0.00	-	59.12	-
10	Consolidation-3%	0.00	-	0.00	-	0.00	-	17.74	-	17.74	-
	<b>Total</b>	<b>118.25</b>	<b>739.04</b>	<b>146.33</b>	<b>1157.83</b>	<b>146.33</b>	<b>1157.83</b>	<b>180.33</b>	<b>1872.24</b>	<b>591.23</b>	<b>4926.95</b>

## Budget for the various components



	Administrative Cost-10%	Monitoring-1%	Evaluation -1%	Entry Point Activity- 4%	Institutional & Capacity Building-5%	DPR-1%	Watershed Dev. Work-56%	Livelihood Activity-9%	Production System & Micro Enterprises 10%	Consolidation -3%
Ist Year	11.82	1.18	1.77	23.65	17.74	5.91	44.34	5.91	5.91	0.00
IIInd Year	16.26	1.63	1.33	0.00	4.43	0.00	72.43	23.65	26.61	0.00
IIIrd Year	16.26	1.63	1.33	0.00	4.43	0.00	72.43	23.65	26.61	0.00
IVth Year	14.78	1.48	1.48	0.00	2.96	0.00	141.90	0.00	0.00	17.74

**TABLE 3: BUDGET FOR VARIOUS COMPONENTS, IWMP-XIII, CITRAKOOT**

<b>S. No.</b>	<b>Budget Component</b>	<b>%</b>	<b>Total (Rs)</b>	<b>Total (lakhs)</b>
	<b>MANAGEMENT PHASE</b>			
<b>A.</b>	1. Administrative	10	5,912,340	59.123
	2. Monitoring	1	591,234	5.912
	3. Evaluation	1	591,234	5.912
	<b>Sub Total</b>	<b>12</b>	<b>7,094,808</b>	<b>70.948</b>
	<b>PREPARATORY PHASE</b>			
<b>B.</b>	1. Entry Point Activities	4	2,364,936	23.649
	2. Institution and Capacity Building	5	2,956,170	29.562
	3. Detailed Project Report(DPR)	1	591,234	5.912
	<b>Sub Total</b>	<b>10</b>	<b>5,912,340</b>	<b>59.123</b>
	<b>WATERSHED WORKS PHASE</b>			
<b>C.</b>	1. Watershed Development Works	56	33,109,104	331.091
	2. Livelihood Activities for the asset less persons	9	5,321,106	53.211
	3. Production System and Micro Enterprises.	10	5,912,340	59.123
	<b>Sub Total</b>	<b>75</b>	<b>44,342,550</b>	<b>443.426</b>
<b>D.</b>	<b>CONSOLIDATION PHASE</b>	<b>3</b>	<b>1,773,702</b>	<b>17.737</b>
	<b>GRAND TOTAL</b>	<b>100</b>	<b>59,123,400</b>	<b>591.234</b>

# **CHAPTER-1**

## **INTRODUCTION & BACKGROUND**

## **INTRODUCTION**

The IWMP–XIII (2011-12) project is situated in Manikpur Block of Chitrakoot district, Uttar Pradesh. It is about 25 km away from Manikpur Block, and 70 km from the district headquarter Chitrakoot. There are twelve micro-watershed included in the project. The project area comprises of 06 villages namely:- Dadamafi, Tikariya Jamunihai, Amchur Neruwa, Bambia, Mangawan, Etawa Dudaila, It lies in the South of the district. Total area of Watershed is 9090.51 ha, out of which 3336.95 ha is rainfed, and 4926.95 ha area have been proposed to be treated under IWMP Programme.

The watershed is proposed to be taken by Bhoomi Sanrakshan Adhikari, Department of Agriculture soil conservation unit-I, Karwi (Chitrakoot) for IWMP programme starting from 2011-12.

The tract is composed of escarpments, broken hills and ravines. The soil is reddish and is not very receptive to cultivation.

The Status of Integrated Watershed Management Programme as approved by Steering Committee, Govt. of India, for Chitrakoot district, Uttar Pradesh is given in Table Nos. 1.1, 1.2

**TABLE 1.1: STATUS OF WATERSHED PROGRAMME, DISTRICT- CHITRAKOOT**

<b>Details</b>	<b>No.</b>	<b>Area (Lac ha)</b>
<b>1</b>	<b>2</b>	<b>3</b>
Total Micro watersheds in the district	571	316400
Workable Micro Watersheds	431	243830
Micro Watersheds already treated by DLWR & other agencies	99	55000
Balance Micro Watersheds (MWS) for treatment (Before start of IWMP in district)	354	205622

**TABLE 1.2: DETAILS OF IWMP FOR WHICH THIS DPR IS PREPARED**

<b>Watershed project</b>	<b>Micro Watershed Name</b>	<b>Micro watershed code</b>	<b>Treatment Area (ha)</b>	<b>Name of Watershed in which MWS is falling (River / Nala name)</b>
IWMP–XIII Chitrakoot	Dodamafee-I	2C1A3g1e	245.563	R.B. Yamuna River
	Amchur Neruwa-I	2C1A3g1h	545.500	R.B. Yamuna River
	Amchur Neruwa-II	2C1A3g1j	22.500	R.B. Yamuna River
	Dodamafee-II	2C1A3g1n	544.530	R.B. Yamuna River
	Tikariya Jamunihai	2C1A3g1l	692.075	R.B. Yamuna River
	Kusumi-I	2C1A3g2a	191.860	R.B. Yamuna River
	Itwa Dudaila-I	2C1A3g2b	736.152	R.B. Yamuna River
	Itwa Dudaila-II	2C1A3g2d	491.280	R.B. Yamuna River
	Itwa Dudaila-III	2C1A3g2e	583.940	R.B. Yamuna River
	Itwa Dudaila-IV	2C1A3g2f	359.400	R.B. Yamuna River
	Kusumi -II	2C1A3g2h	349.150	R.B. Yamuna River
	Amchur Neruwa-III	2C1A3h2e	165.000	R.B. Yamuna River
	<b>Total</b>		<b>4926.95</b>	

## MAIN OBJECTIVES FOR WATERSHED DEVELOPMENT

- (a) Conservation, development and sustainable management of natural resources including their uses.
- (b) Enhancement of agricultural production and productivity in a sustainable manner.
- (c) Restoration of ecological balance in the degraded and fragile rain-fed ecosystem.
- (d) Reduction in regional disparity between rain-fed and irrigated areas.
- (e) Creation of sustainable employment opportunities for the rural community for livelihood.

The main problem in a watershed is the soil erosion by rainfall. The runoff water transports the sediments which may block the channel head, dam, reservoir and storage structures, etc. which in turn affect the agriculture production in the area.

**TABLE 1.3: PROBLEM IDENTIFICATION AND PRIORITIZATION FOR WATERSHED**

<b>S. No.</b>	<b>Problem</b>	<b>Rank</b>
1	Low production of field crops due to soil erosion	5
2	Lack of drinking water	3
3	Lack of irrigation water	1
4	Lack of fodder availability and low annual productivity	8
5	Non-availability of Sufficient school	7
6	Lack inputs like quality seeds, fertilizer, pesticides etc.	4
7	Lack of market facility	9
8	Lack of medical, educational and transportation facilities	2
9	Medical and health care facilities for milking animals and low productivity	6

Strength, Weakness, Opportunity and Threat (SWOT) Analysis Is a Useful Decision Support Tool and detailed below.

**TABLE 1.4: A SWOT ANALYSIS OF WATERSHED IS PRESENTED AS BELOW:**

<b>Strength (S)</b>	<b>Weakness(W)</b>
<ul style="list-style-type: none"> <li>1- Cooperative work culture is traditional activities</li> <li>2- Close ethnic tier</li> <li>3- Road at the top as well as outlet of the watershed</li> <li>4- Hard working man power</li> <li>5- Resource pool of crop genetic diversity</li> <li>6- Awareness of farmers about watershed management program</li> <li>7- Well established CPR maintaining and sharing system</li> <li>8- Good productivity of soil.</li> <li>9- Social outlook of the community towards landless</li> </ul>	<ul style="list-style-type: none"> <li>1- Poor water management</li> <li>2- Resource poor farmers</li> <li>3- Out migration of youth</li> <li>4- Low and erotic rainfall</li> <li>5- Fragile geography</li> <li>6- Fragmented land holding.</li> <li>7- Heavy infestation of wild animals</li> <li>8- Problem of fuel and fodder</li> <li>9- ANNA-PRATHA</li> </ul>
<b>Opportunities(O)</b>	<b>Threats (T)</b>
<ul style="list-style-type: none"> <li>1- Wide range of annual and perennial crops</li> <li>2- Scope of regular employment opportunity to check out migration</li> <li>3- Strengthening of existing irrigation system</li> <li>4- Conductive climate for rainfed crop diversification</li> <li>5- Good scope for agro-forestry and dry land horticulture.</li> <li>6- Potential for collective active action and management of CPRs.</li> </ul>	<ul style="list-style-type: none"> <li>1- Prone to adverse climate like drought</li> <li>2- High market risk</li> <li>3- Social conflicts owing to PRI &amp; WSM policies and local policies.</li> <li>4- Weak coordination among line departments.</li> <li>5- Lack of expertise of implementing agencies in different aspect of WSM.</li> </ul>

**TABLE 1.5: WEIGHTAGE OF THE PROJECT**

1	2	3	4	5	6	7							
S. No.	District	Name of the project	No. of micro-water sheds proposed to be covered	Proposed project area (ha)	Type of project (Hilly/ Desert/ Others)	Proposed cost (Rs. in lakh)							
1	Chitrakoot	IWMP-XIII	12	4926.950	Other	591.190							
<b>8</b>													
<b>Weightage under the criteria</b>													
i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	xiii	Total
10	5	5	7.5	0	10	10	7.50	7.5	10	10	15	0	<b>97.50</b>

**TABLE 1.6: CRITERIA AND WEIGHTAGE FOR SELECTION OF WATERSHED**

<b>Criteria</b>	<b>Maximum Score</b>	<b>Ranges &amp; Scores</b>			
Poverty index (% of poor to population)	10	Above 80 % (10)	80 to 50 % (7.5)	50 to 20 % (5)	Below 20 % (2.5)
% of SC/ ST population	10	More than 40 % (10)	20 to 40 % (5)	Less than 20 % (3)	–
Actual wages	5	Actual wages are significantly lower than minimum wages (5)	Actual wages are equal to or higher than minimum wages (0)	–	–
% of small and marginal farmers	10	More than 80 % (10)	50 to 80 % (5)	Less than 50 % (3)	–
Ground water status	5	Over exploited (5)	Critical (3)	Sub critical (2)	Safe (0)
Moisture index/ DPAP/ DDP Block	15	-66.7 & below (15) DDP Block	-33.3 to -66.6 (10) DPAP Block	0 to -33.2 (0) Non DPAP/ DDP Block	–
Area under rain-fed agriculture	15	More than 90 % (15)	80 to 90 % (10)	70 to 80% (5)	Above 70 % (Reject)
Drinking water	10	No source (10)	Problematic village (7.5)	Partially covered (5)	Fully covered (0)
Degraded land	15	High – above 20 % (15)	Medium – 10 to 20 % (10)	Low- less than 10 % of TGA (5)	–

<b>Criteria</b>	<b>Maximum Score</b>	<b>Ranges &amp; Scores</b>			
Productivity potential of the land	15	Lands with low production & where productivity can be significantly enhanced with reasonable efforts (15)	Lands with moderate production & where productivity can be enhanced with reasonable efforts (10)	Lands with high production & where productivity can be marginally enhanced with reasonable efforts (5)	—
Contiguity to another watershed that has already been developed/ treated	10	Contiguous to previously treated watershed & contiguity within the micro watersheds in the project (10)	Contiguity within the micro watersheds in the project but non contiguous to previously treated watershed (5)	Neither contiguous to previously treated watershed nor contiguity within the micro watersheds in the project (0)	
Cluster approach in the plains (more than one contiguous micro-watersheds in the project)	15	Above 6 micro-watersheds in cluster (15)	4 to 6 micro watersheds in cluster (10)	2 to 4 micro watersheds in cluster (5)	
Cluster approach in the hills (more than one contiguous micro-watersheds in the project)	15	Above 5 micro-watersheds in cluster (15)	3 to 5 micro watersheds in cluster (10)	2 to 3 micro watersheds in cluster (5)	
<b>Total</b>	<b>150</b>	<b>150</b>	<b>90</b>	<b>41</b>	<b>2.5</b>

**CHAPTER – 2**  
**GENERAL DESCRIPTION OF PROJECT**  
**AREA**

## Location:-

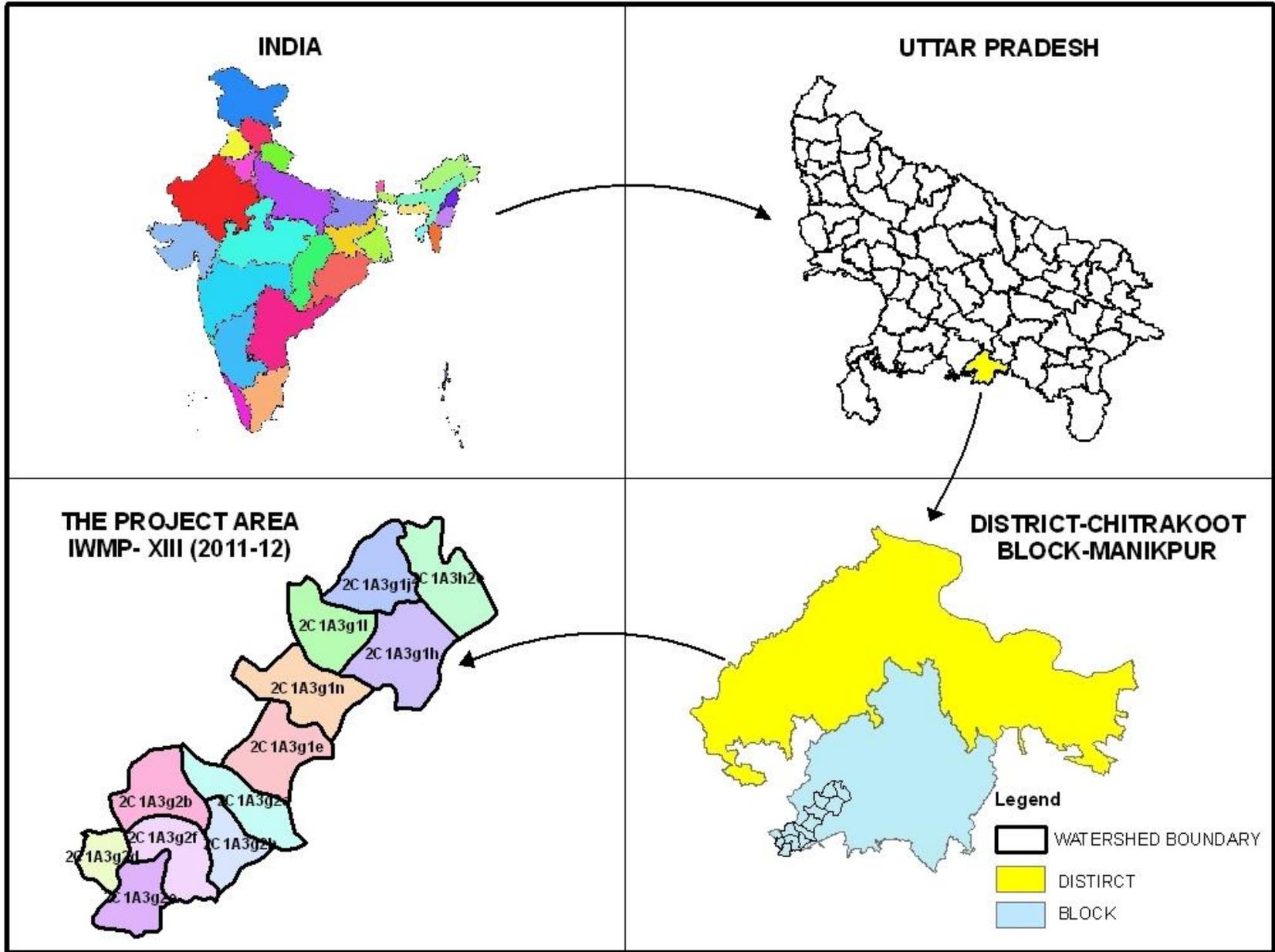
The micro-watershed IWMP-XIII is situated in Manikpur Block of Chitrakoot district, U.P. It is located on Satna-Manikpur road about 25 km from Manikpur Block, and 70 km from the district headquarter. The project area is situated in the southern part in the district Chitrakoot. The details about micro-watersheds, their geographical location (lat/long), Gram Panchayat, villages and its geographical area, etc. is given in Table 2.1.

**Table 2.1: Micro-watershed wise details of location, Gram Panchayat, villages and geographical area of IWMP- XIII, Chitrakoot**

S. No.	Name of micro watershed	watershed Code	Latitude Longitude	Name of GP	Names of villages	Name of Block	Area of village included in MWS	Details of important /approach road with distance km
1	2	3	4	5	6	7	8	9
1	Dodamafee-I	2C1A3g1e	24°57'46" To 25°00'00" 80°51'44" To 80°51'44"	Dodamafee Mangawan	Dodamafee Mangawan Bambia	Manikpur	68.165 77.175 100.223	From Manikpur to Satna Road 25 Kms
2	Amchur Neruwa-I	2C1A3g1h	24°59'48" To 25°02'56" 80°54'25" To 80°57'06"	Amchur Neruwa Tikaria Jamunihai	Amchur Neruwa Tikaria Jamunihai		434.10 111.40	
3	Amchur Neruwa-II	2C1A3g1j	25°01'44" To 25°03'42" 80°53'57" To 80°56'16"	Amchur Neruwa	Amchur Neruwa		22.50	

S. No.	Name of micro watershed	watershed Code	Latitude Longitude	Name of GP	Names of villages	Name of Block	Area of village included in MWS	Details of important /approach road with distance km
1	2	3	4	5	6	7	8	9
4	Dodamafee-II	2C1A3g1n	24°59'08" To 25°01'05" 80°51'58" To 80°55'12"	Dodamafee-II Tikaria Jamunihai	Tikaria Jamunihai Mangawan Dodamafee	Manikpur	74.05 47.17 423.31	From Manikpur to Satna Road 15 Kms
5	Tikariya Jamunihai	2C1A3g1l	25°00'30" To 25°02'31" 80°53'15" To 80°55'15"	Tikaria Jamunihai	Tikaria Jamunihai		692.075	From Manikpur to Satna Road 23Kms
6	Kusumi-I	2C1A3g2a	24°56'50" To 24°59'01" 80°50'47" To 80°53'36"	Kusumi	Kusumi Itawa Dudaila		113.21 78.65	
7	Itwa Dudaila-I	2C1A3g2b	24°57'09" To 24°58'58" 80°49'12" To 80°51'28"	Itawa Dudaila	Itawa Dudaila		736.152	From Manikpur to Satna Road 22 Kms
8	Itwa Dudaila-II	2C1A3g2d	24°55'59" To 24°57'19" 80°48'25" To 80°49'37"	Itawa Dudaila	Itawa Dudaila	491.28		
9	Itwa Dudaila-III	2C1A3g2e	24°55'05" To 24°56'49" 80°48'50" To 80°50'38"	Itawa Dudaila	Itawa Dudaila	583.94		
10	Itwa Dudaila-IV	2C1A3g2f	24°55'44" To 24°57'34" 80°49'31" To 80°51'38"	Itawa Dudaila Kusumi	Itawa Dudaila Kusumi	298.40 61.00		
11	Kusumi -II	2C1A3g2h	24°55'55" To 24°57'57" 80°51'20" To 80°52'54"	Itawa Dudaila Kusumi	Itawa Dudaila Kusumi	Manikpur	33.65 315.50	From Manikpur to Satna Road 20 Kms
12	Amchur Neruwa-III	2C1A3h2e	25°01'13" To 25°03'45" 80°55'44" To 80°58'01"	Amchur Neruwa	Amchur Neruwa		165.00	
					<b>Total</b>		<b>4926.950</b>	

# LOCATION MAP



**Area and Landuse:** The project areas lie on the plateau which is called the Patha, in the local parlance. The Patha is tied to the rest of the district both economically and socially. Total area of the watershed is 9090.519 ha out of which treatable area are 4926.95 ha. Rainfed area is 3336.95 ha. Details of present land-use are given in Table 2.2.

**TABLE 2.2: LAND USE/LAND COVER STATISTICS OF THE PROJECT AREA**

S. No.	Name of MWS	Code of MWS	Cultivated and wasteland area (ha)				Area details (ha) (falling within the projects)							
			Cultivated rainfed area	Cultivated irrigated area	Uncultivated wasteland/ fallow		Pvt. Agri. Land				Forest Land	Community land	Others (Pl. specify)	Total area (ha)
					Temp.	Permanent	Gen	SC/ST	OBC	Total				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Dodamafee-I	2C1A3g1e	166.32	0.00	79.25	58.26	54.16	48.56	84.04	186.75	508.30	11.65	4.37	<b>828.145</b>
2	Amchur Neruwa-I	2C1A3g1h	369.46	0.00	176.04	51.04	120.31	107.86	186.68	414.85	445.34	10.21	3.83	<b>1055.913</b>
3	Amchur Neruwa-II	2C1A3g1j	15.24	0.00	7.26	75.21	4.96	4.45	7.70	17.11	656.21	15.04	5.64	<b>774.602</b>
4	Dodamafee-II	2C1A3g1n	368.80	0.00	175.73	104.44	120.09	107.67	186.35	414.12	234.11	6.96	2.61	<b>892.653</b>
5	Tikariya Jamunihai	2C1A3g1l	468.73	0.00	223.34	3.53	152.63	136.84	236.85	526.32	30.76	0.79	0.00	<b>727.329</b>
6	Kusumi-I	2C1A3g2a	129.94	0.00	61.92	50.29	42.31	37.94	65.66	145.91	438.80	10.06	3.77	<b>694.781</b>
7	Itwa Dudaila-I	2C1A3g2b	498.58	0.00	237.57	9.40	162.35	145.56	251.93	559.84	82.02	1.88	0.71	<b>830.152</b>
8	Itwa Dudaila-II	2C1A3g2d	332.74	0.00	158.54	4.07	108.35	97.14	168.13	373.62	35.53	0.81	0.31	<b>532.000</b>
9	Itwa Dudaila-III	2C1A3g2e	395.49	0.00	188.45	10.71	128.79	115.46	199.84	444.09	93.41	2.14	0.80	<b>691.000</b>
10	Itwa Dudaila-IV	2C1A3g2f	243.42	0.00	115.98	37.20	79.26	71.06	123.00	273.32	324.59	7.44	2.79	<b>731.421</b>
11	Kusumi -II	2C1A3g2h	236.47	0.00	112.68	12.06	77.00	69.04	119.49	265.53	105.20	2.41	0.90	<b>469.723</b>
12	Amchur Neruwa-III	2C1A3h2e	111.75	0.00	53.25	69.78	36.39	32.63	56.47	125.48	608.83	13.96	5.23	<b>862.800</b>
<b>Total</b>			<b>3336.95</b>	<b>0.00</b>	<b>1590.00</b>	<b>485.98</b>	<b>967.72</b>	<b>974.21</b>	<b>1686.13</b>	<b>3746.95</b>	<b>3563.09</b>	<b>83.27</b>	<b>31.23</b>	<b>9090.519</b>

## LAND CAPABILITY CLASSIFICATION (LCC)

Land capability classification(LCC) is crucial for appropriate land use planning consisting of practices like choice of vegetation /crops, tillage practices, use of scientific method of cultivation and desirous conservation practices, Detailed LCC Survey carried out in the watershed brought out the prevailing LCC classes as II, III, IV, V, VI, VII and VIII. The watershed area is also classified under different Land Capability Table 2.3.

**TABLE 2.3: AREA UNDER DIFFERENT LAND CAPABILITY CLASS (LCC)**

<b>Land Capability Class</b>	<b>Area (ha)</b>	<b>Main Problem</b>
II	2032.735	Sheet Erosion
III	287.407	Sheet and Rill Erosion
IV	110.255	Gully Erosion
V	2062.552	High Gully Erosion
VI	1027.804	Sevier Gully Erosion
VII	3277.635	Sevier Gully Erosion due to water logging
VIII	292.131	Sevier Gully Erosion due to water logging
Other		-
<b>Total</b>	<b>9090.519</b>	

(The above details have been shown in the Map)

## Physiography:

The micro-watershed IWMP-XIII is located at an elevation of 172 to 325 m above mean sea level (msl) and Relief height difference from 21 m to 111 m. Elevation range and relief are given in Table 2.4.

**TABLE 2.4: ELEVATION RANGE, RELIEF HEIGHT DIFFERENCE OF THE MWS**

S. No.	Name of Watershed	Watershed Code	Elevation of watershed from Mean Sea level		
			Highest in Meters	Lowest in Meters	Relief Height Difference
1	Dodamafee-I	2C1A3g1e	217	184	33
2	Amchur Neruwa-I	2C1A3g1h	193	172	21
3	Amchur Neruwa-II	2C1A3g1j	261	230	31
4	Dodamafee- II	2C1A3g1n	238	190	48
5	Tikariya Jamunihai	2C1A3g1l	276	208	68
6	Kusumi-I	2C1A3g2a	203	180	23
7	Itwa Dudaila-I	2C1A3g2b	214	178	36
8	Itwa Dudaila-II	2C1A3g2d	276	208	68
9	Itwa Dudaila-III	2C1A3g2e	325	301	24
10	Itwa Dudaila-IV	2C1A3g2f	298	245	53
11	Kusumi -II	2C1A3g2h	314	275	39
12	Amchur Neruwa-III	2C1A3h2e	316	205	111

## Slope:

Slope map of the micro-watershed was prepared using SRTM digital elevation terrain model. Slope was divided into different class viz. 0-0.5%, 0.5-1.0%, 1-3%, 3-5% and more than 5% and data is presented in Table 2.5.

**TABLE 2.5: SLOPE RANGE IN THE PROJECT AREA**

S. No.	Name of MWS	Name of code	Slope range wise area (ha)							
			0-05%	0.5-1.0%	1-3%	3-5%	>5%		Others Specify	
							5-10%	10-15%	15-35%	>35%
1	2	3	4	5	6	7	8	9	10	
1	Dodamafee-I	2C1A3g1e	17.43	40.93	394.27	200.04	124.20	35.59	15.69	
2	Amchur Neruwa-I	2C1A3g1h	30.25	82.31	508.31	149.65	163.74	84.79	36.86	
3	Amchur Neruwa-II	2C1A3g1j	1.77	7.21	120.80	118.39	286.87	152.94	86.27	0.36
4	Dodamafee- II	2C1A3g1n	28.98	99.24	497.73	122.01	109.21	23.77	11.71	
5	Tikariya Jamunihai	2C1A3g1l	17.85	60.00	458.35	137.22	47.02	4.28	2.61	
6	Kusumi-I	2C1A3g2a	12.87	32.75	221.54	115.17	150.75	55.70	106.00	
7	Itwa Dudaila-I	2C1A3g2b	24.51	48.22	541.64	119.74	83.18	12.11	0.75	
8	Itwa Dudaila-II	2C1A3g2d	4.03	4.34	263.50	45.83	99.17	53.87	61.08	0.19
9	Itwa Dudaila-III	2C1A3g2e	3.50	9.86	251.79	75.93	95.03	75.60	176.63	2.67
10	Itwa Dudaila-IV	2C1A3g2f	5.48	11.68	177.81	105.60	173.02	99.97	156.62	1.24
11	Kusumi -II	2C1A3g2h	6.02	18.39	153.70	66.62	93.43	42.63	88.62	0.32
12	Amchur Neruwa-III	2C1A3h2e	17.93	38.32	298.73	254.98	109.96	76.92	65.96	
<b>Total</b>			<b>170.62</b>	<b>453.25</b>	<b>3888.16</b>	<b>1511.17</b>	<b>1535.60</b>	<b>718.15</b>	<b>808.80</b>	<b>4.77</b>

**Climate:** The climate of the region is characterized as arid to semi-arid with average annual rainfall less than 750.61 mm annually with an average of 35 rainy days. Out of which 85% is received during the monsoon season from July to September. The area received very less rainfall in the winter season. Temperature ranges from as high as 49°C in the May-June to as low as 4°C during December-January. The trend of the rainfall is very erratic and maximum (62%) water goes as runoff.

**TABLE 2.6: AVERAGE MONTHLY RAINFALL OF THE LAST TEN YEARS:-**

S. No.	Month	Average Rain	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Jun	114.16	250.90	34.50	102.90	209.02	242.75	22.00	48.25	203.25	15.50	12.50
2	July	217.57	553.90	28.80	220.75	169.50	273.09	297.65	154.50	204.25	104.75	168.50
3	August	204.06	290.00	421.25	225.05	247.95	128.80	214.25	142.00	109.25	153.00	109.00
4	September	185.54	24.50	257.10	588.70	340.00	144.10	66.00	47.50	71.50	196.00	120.00
5	October	29.29	76.50	49.00	4.00	37.10	0.00	15.00	6.50	11.00	66.00	27.75
	<b>Total</b>	<b>750.61</b>	<b>1195.80</b>	<b>790.65</b>	<b>1141.40</b>	<b>1003.57</b>	<b>788.74</b>	<b>614.90</b>	<b>398.75</b>	<b>599.25</b>	<b>535.25</b>	<b>437.75</b>

## Agro-Climate Conditions

The Agro-Climate condition of the project area of Chitrakoot district is briefly described in Table 2.7 below.

**TABLE- 2.7: DETAILS OF AGRO-CLIMATE CONDITIONS**

S. No.	Name of the District	Name of the Project	Name of the Agro-climatic zone covers project area	Area in ha	No. of the villages
1.	CHITRAKOOT	IWMP-XIII	Bundelkhand Zone	4926.95	06
Major soil types		Topography	Average rainfall in mm (preceding 5 years average)	Major crops	
a)Type	b) Area in ha			a) Name	b) Area in ha
Rakar Kabar Mar Padwa	2400	Undulation	750.61	Barley Wheat Gram Maize Jowar Arhar	1850

The Wind velocity of the Project area ranges from 4-17 Km/hr. The open pan evaporation varied in the range of 0.5 to 20 mm/day during the year with average of about 5 mm/day. Average relative humidity varied in the range of 25% to 98%. The details of flood and drought in the project area are showed in Table 2.8.

**TABLE 2.8: DETAILS OF FLOOD AND DROUGHT IN THE PROJECT AREA (IWMP-XIII, CHITRAKOOT)**

Name of Micro Watershed	Micro Watershed Code	Particulars	Villages	Periodicity		Not affected
				Annual	Any other (please specify)	
Dodamafee-I	2C1A3g1e	Flood		Annual	Any other (please specify)	
Amchur Neruwa-I	2C1A3g1h					
Amchur Neruwa-II	2C1A3g1j					
Dodamafee-II	2C1A3g1n	Drought	No. of villages	-	-	Affected by drought
Tikariya Jamunihai	2C1A3g1l		Name(s) of villages	-	-	
Kusumi-I	2C1A3g2a		No. of villages: 06			
Itwa Dudaila-I	2C1A3g2b	Drought	<b>Name(s) of villages:-</b>		Alternate after every 2-3 years	
Itwa Dudaila-II	2C1A3g2d					
Itwa Dudaila-III	2C1A3g2e					
Itwa Dudaila-IV	2C1A3g2f					
Kusumi -II	2C1A3g2h					
Amchur Neruwa-III	2C1A3h2e					

## Watershed Characteristics

### Shape and Size

The shape of watershed (IWMP-XIII, CHITRAKOOT) is more or less rectangle in shape. The direction of the slope in the project area is north-west to south-east. The shape and size of the micro-watershed is given in Table 2.9.

**TABLE- 2.9: SHAPE AND SIZE OF WATERSHED**

S. No.	Name of MWS	Name of code	Area (ha)	Shape	Approximate size in meter	
					Length	Width
1	Dodamafee-I	2C1A3g1e	828.145	Rectangular	4995	2386
2	Amchur Neruwa-I	2C1A3g1h	1055.913	Triangular	3715	3133
3	Amchur Neruwa-II	2C1A3g1j	774.602	Rectangular	3691	2804
4	Dodamafee- II	2C1A3g1n	892.653	Triangular	3688	2367
5	Tikariya Jamunihai	2C1A3g1l	727.329	Rectangular	4588	2360
6	Kusumi-I	2C1A3g2a	694.781	Square	2268	2923
7	Itwa Dudaila-I	2C1A3g2b	830.152	Liner	6074	1219
8	Itwa Dudaila-II	2C1A3g2d	532.000	Triangular	3739	2922
9	Itwa Dudaila-III	2C1A3g2e	691.000	Triangular	2933	2700
10	Itwa Dudaila-IV	2C1A3g2f	731.421	Circular	4321	1392
11	Kusumi -II	2C1A3g2h	469.723	Rectangular	2324	1817
12	Amchur Neruwa-III	2C1A3h2e	862.800	Triangular	3615	1773

## Geomorphology:

The watershed is located in the North-East corner of the Chitrakoot district. The entire watershed is topographically divided into three major landforms such as Plain land, Moderate land, and Ravenous land. Accordingly, the soils of watershed can be grouped into three major categories viz. Mar, Kabar and Padua. The annual soil erosion in the project area is 24 to 28 tons/year as detailed below.

**Table- 2.10: DETAIL OF SOIL EROSION (IWMP-XIII), CHITRAKOOT**

S. No.	Name of the Project	Soil Erosion (Ha)				Run-Off (mm/yr)	Average Soil Loss in tons/ha/yr	Wind Erosion
		Sheet	Rill	Gully	Total			
1	IWMP-XIII	813.44	1289.87	2823.64	4926.95	377	19.30	N.A.

# **CHAPTER-3**

## **BASELINE SURVEY**

## **SOCIO-ECONOMIC CONDITION:-**

In the proposed watershed management plan of proper blending of bio- engineering measures will be applied. Based on the results of studies conducted in this region, it is estimated that more than 50% of the watershed area will be treated and consequently the soil loss and runoff from the area is expected to be reduced by 40% and 65% respectively. The proposed land use plan will improve the land utilization index and crop diversification index significantly as compared to the existing one. It will help in maintaining ecosystem integrity on sustained basis along with improving the livelihood security of the farming community.

Economic analysis of the project is carried out by taking direct benefits and costs, considering 30 year project life at 10% discount rate. For the purpose of economic analysis, whole watershed development plan is divided into four sectors namely agriculture (rainfed and irrigated), pure horticulture, agro-horticulture and silvi pastoral (Silvi-Pastoral + sericulture). Net present value (NPV), Benefit Cost Ratio (BCR), Payback Period (PBR) and internal rate of return (IRR) criteria is employed to judge the economic efficiency of each enterprise, sector and project as a whole.

Details of the population of the micro watershed are given in Table 3.1. About 20% population is scheduled caste. Due to hard life and low seasonal income in the area a large number of people migrate to Manikpur & Chitrakoot (Karwi) where they work as daily labour / rickshaw puller etc.

**Table 3.1: Demographic Features in the project area IWMP–XIII**

<b>S. No.</b>	<b>Name of village</b>	<b>Total Population</b>			<b>Population of SC/ST</b>		
		<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
1	Amchur Neruwa	4984	2676	2308	1240	630	610
2	Bambia	4360	2240	2120	1270	660	610
3	Dodamafee	8390	4310	4080	1560	800	760
4	Itawa Dudaila	8756	4560	4196	1610	840	770
5	Mangawan	5180	2740	2440	1420	770	650
6	Tikaria Jamunihai	9710	4896	4814	1110	580	530
	<b>Total</b>	<b>41380</b>	<b>21422</b>	<b>19958</b>	<b>8210</b>	<b>4280</b>	<b>3930</b>

**Table 3.2: Details of Employment Generation**

S. No.	Name of Districts	No. of the villages	Wage employment						
			No. of mandays (Lakh)						
			SC	ST	Others	Women	Total		
1	2	3	4	5	6	7	8		
IWMP-XIII	Chitrakoot	06	1.18	-	1.55	0.14	2.87		
No. of beneficiaries					Self employment				
No. of beneficiaries					No. of beneficiaries				
SC	ST	Others	Women	Total	SC	ST	Others	Women	Total
9	10	11	12	13	14	15	16	17	18
1026	-	3273	294	4593	290	-	120	230	640

### 3.3: Details of seasonal migration from Project area: Pre-project status

<b>Project</b>	<b>No of villages</b>	<b>No. of persons migrating</b>	<b>No. of days per year of migration</b>	<b>Major reason(s) for migrating</b>	<b>Expected reduction in no. of persons migrating</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
IWMP-XIII	06	340	150-180	Poverty & better employment	190

**Table 3.4: Details of land holding pattern in the project areas IWMP-XIII District–Chitrakoot**

<b>S. No.</b>	<b>Name of Village</b>	<b>Large Farmer</b>	<b>Small Farmer</b>	<b>Marginal Farmer</b>	<b>Landless Farmer</b>	<b>Total</b>	<b>No. of households</b>	<b>No. of BPL</b>
1	Amchur Neruwa	2	100	50	10	162	1189	153
2	Bambia	20	172	140	2	334	336	95
3	Dodamafee	2	155	61	3	221	221	95
4	Itawa Dudaila	25	150	119	2	296	296	80
5	Mangawan	18	153	123	2	296	296	85
6	Tikaria Jamunihai	2	32	18	2	54	54	15
<b>TOTAL</b>		<b>69</b>	<b>762</b>	<b>511</b>	<b>21</b>	<b>1363</b>	<b>2392</b>	<b>523</b>

**Table 3.5: Typical soil profile of the watershed (dominant soil)**

<b>Horizon</b>	<b>Depth (cm)</b>	<b>Morphology</b>
A	0-150	Yellow & Black in color, clay content 28%, with free CaCO <sub>3</sub> , sticky when moist, hard when dry, high elasticity, fissures and cracks, occasional occurrence of free calcium carbonate granules pH 8.0-8.5
B	150-600	Whitish-Yellow in color, high effervescence with dilute HCl, very fine mixed with free CaCO <sub>3</sub> and granules, very hard when dry, compact & indurate hard pan, restricting development of root and downward water transmission (locally called as Point soil)
C	> 600	Red and white sand

## Soil Texture:

Light brown loam to clay, generally heavy structured, average in water holding capacity and organic matter, moderately alkaline, restricted drainage, surface soil poor in lime content but the middle layer is calcareous, medium in soluble salts, Carbonates and sulphates practically absent.

**Table 3.6: Details of Soil texture in IWMP-XIII, Chitrakoot**

S. No.	Name of MWS	Name of code	Area in different Soil Group (ha)			
			Light textured soil (sand, loamy sand)	Medium textured soil (Sandy loam, loam, silt loam)	Heavy textured soil (Clayey)	Others specify .....
1	Dodamafee-I	2C1A3g1e	157.35	612.83	57.97	Rakar, Kabar, Mar, Padwa
2	Amchur Neruwa-I	2C1A3g1h	200.62	781.38	73.91	
3	Amchur Neruwa-II	2C1A3g1j	147.17	573.21	54.22	
4	Dodamafee-II	2C1A3g1n	169.60	660.56	62.49	
5	Tikariya Jamunihai	2C1A3g1l	138.19	538.22	50.91	
6	Kusumi-I	2C1A3g2a	132.01	514.14	48.63	
7	Itwa Dudaila-I	2C1A3g2b	157.73	614.31	58.11	
8	Itwa Dudaila-II	2C1A3g2d	101.08	393.68	37.24	
9	Itwa Dudaila-III	2C1A3g2e	131.29	511.34	48.37	
10	Itwa Dudaila-IV	2C1A3g2f	138.97	541.25	51.20	
11	Kusumi -II	2C1A3g2h	89.25	347.60	32.88	
12	Amchur Neruwa-III	2C1A3h2e	163.93	638.47	60.40	
<b>Total</b>			<b>1727.20</b>	<b>6726.98</b>	<b>636.34</b>	

## Major Crops and their Production

Due to mono cropping, Anna Pratha and non manageable condition of mar and kabar soil are the specific characteristics of the district. Mono cropping is the most common farming system. Mixed farming in the combination of agriculture and live stock is also quite common in all the areas. Micro-watershed wise grown crops, their productivity and production are given below:

**Table 3.7: Major Crops, their Productivity and Production in IWMP-XIII, Chitrakoot**

S. No.	Crop.	Area (ha)		Productivity (q/ha)		Production (q)			
						Grain/Main product		Fodder/Fuel/other Product	
		Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed
<b>A</b>	<b>Kharif</b>								
1	Jowar	0.00	635.90	0.00	7.00	0.00	4451.30	0.00	6676.95
2	Bajra	0.00	459.00	0.00	6.10	0.00	2799.90	0.00	4199.85
3	Arhar	0.00	863.20	0.00	4.50	0.00	3884.40	0.00	5826.60
4	Urd/Moong	0.00	150.00	0.00	5.08	0.00	762.00	0.00	762.00
	<b>Total</b>	0.00	2108.10				11897.60		17465.40
<b>B</b>	<b>Rabi</b>								
1	Wheat	0.00	889.50	0.00	5.50	0.00	4892.25	0.00	7338.38
2	Barley	0.00	235.00	0.00	4.10	0.00	963.50	0.00	1445.25
3	Masoor	0.00	152.00	0.00	6.10	0.00	927.20	0.00	1159.00
4	Gram	0.00	195.00	0.00	7.70	0.00	1501.50	0.00	1876.88
5	Mustard	0.00	120.00	0.00	4.10	0.00	492.00	0.00	738.00
	<b>Total</b>	0.00	1591.50				8776.45		12557.50
<b>C</b>	<b>Zaid</b>								
<b>Cultivable Area</b>		<b>3336.95</b>	<b>Cropping Intensity</b>			<b>110.87</b>			

## Summary

It was found that the productivity of wheat, Gram, Jowar, Arhar and Masoor is low than national and state average yield. Overall cropping intensity of the project area is 108.53%.

## Horticulture Status in the Micro-watershed

The area is extremely rich in flora and fauna, a large portion about 35 % of the project area is covered with forest, having a large number of species in admixture. In the valleys and ravines between various hills, the growth of trees and vegetation is especially luxuriant but nowhere the soil is deep enough to support trees of large girth.

**Table 3.8: Forest, Vegetative Cover/Grass Land**

S. No.	Name of MWS	Code of MWS	Forest (Area ha)			Grass Land (Area ha)		Other vegetative cover (Area ha)	
			Reserve	Gram Samaj (Natural/Planted)	Total	Gram Samaj	Private	Gram Samaj	Private
1	2	3	4	5	6	7	8	9	10
1	Dodamafee-I	2C1A3g1e	508.30	0.00	508.30	0.00	0.00	2.3	1.0
2	Amchur Neruwa	2C1A3g1h	445.34	0.00	445.34	0.00	0.00	4.2	0.1
3	Amchur Neruwa-II	2C1A3g1j	656.21	0.00	656.21	0.00	0.00	3.0	0.2
4	Dodamafee-II	2C1A3g1n	234.11	0.00	234.11	0.00	0.00	3.1	0.5
5	Tikariya Jamunihai	2C1A3g1l	030.76	0.00	30.76	0.00	0.00	1.1	0.4
6	Kusumi-I	2C1A3g2a	438.80	0.00	438.80	0.00	0.00	1.4	0.3
7	Itwa Dudaila-I	2C1A3g2b	082.02	0.00	82.02	0.00	0.00	1.0	-
8	Itwa Dudaila-II	2C1A3g2d	035.53	0.00	35.53	0.00	0.00	0.7	0.1
9	Itwa Dudaila-III	2C1A3g2e	093.41	0.00	93.41	0.00	0.00	2.3	1.0
10	Itwa Dudaila-IV	2C1A3g2f	324.59	0.00	324.59	0.00	0.00	4.2	0.1
11	Kusumi -II	2C1A3g2h	105.20	0.00	105.20	0.00	0.00	3.0	0.2
12	Amchur Neruwa-III	2C1A3h2e	608.83	0.00	608.83	0.00	0.00	3.1	0.5
<b>Total of project</b>			<b>3563.09</b>	<b>0.00</b>	<b>3563.09</b>	<b>0.00</b>	<b>0.00</b>	<b>29.4</b>	<b>4.4</b>

## Livestock Population

Animal husbandry sector within agriculture sector contributes more than 25% total value of put. The district has favourable agro-climatic conditions, land holdings and occupational patterns and socio economic acceptability for the development of dairy. Livestock rearing by rural population has immense potential. The details of livestock population are given below:

## Livestock Population

**Table 3.9: Livestock Population in IWMP-XIII, Chitrakoot**

S. No.	Village Name	Cow		Buffalo		Goat	Sheep	Pig	Chicken
		Desi	Crossed	Desi	Murrah				
1	Amchur Neruwa	2100	90	310	80	4370	-	400	-
2	Bambia	2700	130	330	110	4660	800	500	-
3	Dodamafee	4700	110	370	120	6440	1100	1000	600
4	Itawa Dudaila	4100	140	310	120	5110	1200	800	900
5	Mangawan	3200	110	460	90	3260	-	1100	-
6	Tikaria Jamunihai	2300	120	290	80	6940	700	1800	200
	<b>Total</b>	<b>19100</b>	<b>700</b>	<b>2070</b>	<b>600</b>	<b>30780</b>	<b>3800</b>	<b>5600</b>	<b>1700</b>

**Table 3.10: Details of Livestock Productivity**

S. No.	Name of Village	Milk Production (Liter Per day)				Goatry	Poultry		Piggeries weight Kg/Pig
		Cows		Buffalos		Weight in Kg/goat	Broiler Weight in Kg/ Brl	Layers No. of eggs/day	
		Desi	Crossed	Desi	Murrah				
1	2	3	4	5	6	7	8	9	10
1	Amchur Neruwa	1.4	2.5	2.6	5.1	28	-	-	-
2	Bambia	1.6	2.8	2.6	5.2	28	-	-	-
3	Dodamafee	1.5	2.8	2.6	5.1	27	-	-	-
4	Itawa Dudaila	1.1	2.6	2.6	5.4	30	-	-	-
5	Mangawan	1.2	2.8	2.6	5.1	29	-	-	-
6	Tikaria Jamunihai	1.4	2.9	2.6	5.6	28	-	-	-

**Table 3.11: SUMMARY OF LIVELIHOOD**

S. No.	No. of the Village	Existing livelihood activities	Possible livelihood interventions under the project	Current status of migration (No. of people)	Main reasons for migration
1	2	3	4	5	6
IWMP-XIII	06	1-Agriculture wage 2-Animal Husbandry Both are in poor condition	Increasing employment generation, milk, etc. productions	950	1- Land productivity each poor 2- Employment is not available

**Table 3.12: Details of average ground water table depth in the project areas**

Project	No. of villages	Sources	Pre-Project level (MTS)	Expected post-project level (MTS)	Remarks
1	2	3	4	5	6
IWMP-XIII	06	Others (specify)	-	-	-
		Bore wells	-	-	-
		Open wells	As per below		
		Open wells	19.80. m.	18.70 m.	

**Table 3.13: Ground Water Status**

Project	No. of villages	Availability of drinking water (no. of months in a year)		Quality of drinking water		Comments
		Pre-project	Expected Post-project	Pre-project	Expected Post-project	
1	2	3	4	5	6	7
IWMP-XIII	06	10 Month	Full Year	General	Good	

**Table 3.14: Details of infrastructure in the project areas**

S. No.	Code of Micro Watershed	Gram Panchayat	Parameters		Status			
1	2	3	4		5			
1	2C1A3g1e Dodamafee-I	Dodamafee	(i)	Name of villages connected to the main road by an all-weather road	Yes			
			(ii)	Village's Name provided with electricity	Yes			
			(iii)	No. of households without access to drinking water	More than 45			
			(iv)	No. of educational institutions :	(P)	(S)	(HS)	(VI)
				Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	1	1	-	-
			(v)	Names of villages with access to Primary Health Centre	-			
			(vi)	Names of villages with access to Veterinary Dispensary	-			
			(vii)	Names of villages with access to Post Office	-			
			(viii)	Names of villages with access to Banks	-			
			(ix)	Names of villages with access to Markets/ mandis	-			
			(x)	Names of villages with access to Agro-industries	-			
			(xi)	Total quantity of surplus milk deficit				
			(xii)	No. of milk collection centres	(U)	(S)	(PA)	(O)
				(e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	-	-	-	-
(xiii)	Name of villages with access to Anganwadi Centre	-						
(xiv)	Any other facilities with names of villages (please specify)	-						

S. No.	Code of Micro Watershed	Gram Panchayat	Parameters		Status			
1	2	3	4		5			
2	2C1A3g1j 2C1A3g1n Amchur Neruwa	Amchur Neruwa	(i)	Name of villages connected to the main road by an all-weather road	Yes			
			(ii)	Village's Name provided with electricity	Yes			
			(iii)	No. of households without access to drinking water	More than 32			
			(iv)	No. of educational institutions :	(P)	(S)	(HS)	(VI)
				Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	1	1	-	-
			(v)	Names of villages with access to Primary Health Centre	-			
			(vi)	Names of villages with access to Veterinary Dispensary	-			
			(vii)	Names of villages with access to Post Office	-			
			(viii)	Names of villages with access to Banks	-			
			(ix)	Names of villages with access to Markets/ mandis	-			
			(x)	Names of villages with access to Agro-industries	-			
			(xi)	Total quantity of surplus milk deficit				
			(xii)	No. of milk collection centres	(U)	(S)	(PA)	(O)
				(e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	-	-	-	-
(xiii)	Name of villages with access to Anganwadi Centre	-						
(xiv)	Any other facilities with names of villages (please specify)	-						

S. No.	Code of Micro Watershed	Gram Panchayat	Parameters		Status			
1	2	3	4		5			
3	2C1A3g1l Tikariya Jamunihai	Tikariya Jamunihai	(i)	Name of villages connected to the main road by an all-weather road	Yes			
			(ii)	Village's Name provided with electricity	Yes			
			(iii)	No. of households without access to drinking water	More than 52			
			(iv)	No. of educational institutions :	(P)	(S)	(HS)	(VI)
				Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	1	1	-	-
			(v)	Names of villages with access to Primary Health Centre	-			
			(vi)	Names of villages with access to Veterinary Dispensary	-			
			(vii)	Names of villages with access to Post Office	-			
			(viii)	Names of villages with access to Banks	1			
			(ix)	Names of villages with access to Markets/ mandis	-			
			(x)	Names of villages with access to Agro-industries	-			
			(xi)	Total quantity of surplus milk deficit				
			(xii)	No. of milk collection centres	(U)	(S)	(PA)	(O)
				(e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	-	-	-	-
(xiii)	Name of villages with access to Anganwadi Centre	-						
(xiv)	Any other facilities with names of villages (please specify)	-						

S. No.	Code of Micro Watershed	Gram Panchayat	Parameters		Status			
1	2	3	4		5			
4	2C1A3g2b 2C1A3g2d 2C1A3g2e 2C1A3g2f Itwa Dudaila	Itwa Dudaila	(i)	Name of villages connected to the main road by an all-weather road	Yes			
			(ii)	Village's Name provided with electricity	Yes			
			(iii)	No. of households without access to drinking water	More than 37			
			(iv)	No. of educational institutions :	(P)	(S)	(HS)	(VI)
				Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	1	1	-	-
			(v)	Names of villages with access to Primary Health Centre	-			
			(vi)	Names of villages with access to Veterinary Dispensary	-			
			(vii)	Names of villages with access to Post Office	-			
			(viii)	Names of villages with access to Banks	-			
			(ix)	Names of villages with access to Markets/ mandis	-			
			(x)	Names of villages with access to Agro-industries	-			
			(xi)	Total quantity of surplus milk deficit				
			(xii)	No. of milk collection centres	(U)	(S)	(PA)	(O)
				(e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	-	-	-	-
(xiii)	Name of villages with access to Anganwadi Centre	-						
(xiv)	Any other facilities with names of villages (please specify)	-						

S. No.	Code of Micro Watershed	Gram Panchayat	Parameters		Status			
1	2	3	4		5			
5	2C1A3g2h Kusumi	Bambia	(i)	Name of villages connected to the main road by an all-weather road	Yes			
			(ii)	Village's Name provided with electricity	Yes			
			(iii)	No. of households without access to drinking water	More than 15			
			(iv)	No. of educational institutions :	(P)	(S)	(HS)	(VI)
				Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	1	1	-	-
			(v)	Names of villages with access to Primary Health Centre	-			
			(vi)	Names of villages with access to Veterinary Dispensary	-			
			(vii)	Names of villages with access to Post Office	-			
			(viii)	Names of villages with access to Banks	-			
			(ix)	Names of villages with access to Markets/ mandis	-			
			(x)	Names of villages with access to Agro-industries	-			
			(xi)	Total quantity of surplus milk deficit				
			(xii)	No. of milk collection centres	(U)	(S)	(PA)	(O)
				(e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	-	-	-	-
(xiii)	Name of villages with access to Anganwadi Centre	-						
(xiv)	Any other facilities with names of villages (please specify)	-						

S. No.	Code of Micro Watershed	Gram Panchayat	Parameters		Status			
1	2	3	4		5			
6	2C1A3g1e 2C1A3g1n	Mangawan	(i)	Name of villages connected to the main road by an all-weather road	Yes			
			(ii)	Village's Name provided with electricity	No			
			(iii)	No. of households without access to drinking water	More than 12			
			(iv)	No. of educational institutions :	(P)	(S)	(HS)	(VI)
				Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	1	1	-	-
			(v)	Names of villages with access to Primary Health Centre	-			
			(vi)	Names of villages with access to Veterinary Dispensary	-			
			(vii)	Names of villages with access to Post Office	-			
			(viii)	Names of villages with access to Banks	-			
			(ix)	Names of villages with access to Markets/ mandis	-			
			(x)	Names of villages with access to Agro-industries	-			
			(xi)	Total quantity of surplus milk deficit				
			(xii)	No. of milk collection centres	(U)	(S)	(PA)	(O)
				(e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	-	-	-	-
(xiii)	Name of villages with access to Anganwadi Centre	-						
(xiv)	Any other facilities with names of villages (please specify)	-						

## The details of PRA exercise in the Project Area



**CHAPTER - 4**  
**INSTITUTION BUILDING &**  
**PROJECT MANAGEMENT**

## **Project Implementing Agency:**

The Project Implementing Agency (PIA) for IWMP-XIII, Chitrakoot is BSA, Bhoomi Sanrakshan Adhikari Soil Conservation Unit Chitrakoot, Agricultural Department, District Chitrakoot, Uttar Pradesh. The project implementing agency was selected by State Level Nodal Agency (SLNA) for Integrated Watershed Management Program (IWMP) in Chitrakoot district. The PIA was given responsibility to develop the micro-watershed by WCDC and State Level Nodal Agency (SLNA) considering its vast experiences in handling land and water management issues in the region. The PIA has well experienced trained and sufficient staff to handle the watershed management programme efficiently.

The PIA will put dedicated Watershed Development team and will provide necessary technical guidance to the Gram Panchayat for preparation of Development Plans for the Watershed Projects through Participatory Rural Appraisal exercise. PIA will also undertake **a)** Community Organization, **b)** Trainings for the village communities, **c)** supervise Watershed development Activities, **d)** inspect & authenticate project accounts, **e)** monitor & review the overall project implementation, **f)** set up institutional arrangements for post project operations and **g)** maintenance and further development of the assets created during the project period.

**Table 4.1: Details of Project Implementing Agency (PIA)**

<b>S. No.</b>	<b>Particulars of PIA</b>	
<b>1</b>	<b>2</b>	<b>3</b>
(i)	Date of selection of PIA	7-12-2011
(ii)	Type of organization	Govt.
(iii)	Name of organization	Soil Conservation
(iv)	Designation & Address	Bhoomi Sanrakshan Adhikari, Chitrakoot
(v)	Telephone	
(vi)	Fax	
(vii)	E-mail	

**Table 4.2: Details of Staff at PIA**

S. NO.	Designation	Name	M/F	Qualification	Field of Experience & Period	Remarks
1	2	3		4	5	6
1	B.S.A.	Sri A. P. Yadav	M	Inter, Diploma in Ag.	34	
2	J.E.	Sri Lalji Singh Yadav	M	Ag. Engg.	28	
3	S.T.A. G.P. 'B'	Sri Subhash Chandra Verma	M	Inter, Diploma in Ag.	31	
4	S.T.A. G.P. 'B'	Sri B. N. Samadhiya	M	Diploma in Ag.	34	
5	S.T.A. G.P. 'B'	Sri Suresh Chandra Sharma	M	Inter, Diploma in Ag.	34	
6	S.T.A. G.P. 'B'	Sri Baliram Prasad	M	B.Sc. In Agriculture	33	
7	S.T.A. G.P. 'B'	Sri B. K. Tyagi	M	High School, Dip. in Ag.	34	
8	T.A. G.P. 'C'	Sri Nagendra Pratap Singh	M	B.Sc. In Agriculture	30	
9	T.A. G.P. 'C'	Sri Surendra Mishra	M	B.Sc. In Agriculture	30	
10	T.A. G.P. 'C'	Sri Sohan Lal	M	B.Sc. In Agriculture	32	
11	T.A. G.P. 'C'	Sri Ramrathi Patel	M	P. U. C. Diploma	33	
12	T.A. G.P. 'C'	Sri Gorelal Pal	M	High School, Dip. in Ag.	33	
13	T.A. G.P. 'C'	Sri Anirudha Tripathi	M	B.Sc. In Agriculture	32	
14	T.A. G.P. 'C'	Sri Ramashanker Sharma	M	B.Sc. In Agriculture	30	
15	T.A. G.P. 'C'	Sri Avadhesh Kumar	M	B.Sc. In Agriculture	30	
16	T.A. G.P. 'C'	Sri Hari Babu Svarnkar	M	Diploma in Ag.	14	
17	T.A. G.P. 'C'	Sri Gaya Prasad	M	Diploma in Ag.	14	
18	T.A. G.P. 'C'	Sri Sumer Prasad	M	B.Sc. In Agriculture	16	
19	T.A. G.P. 'C'	Sri Narendra Kumar Sachan	M	M.Sc. In Agriculture	20	
20	Sr. Clerk	Sri Ram Lakhan	M	B. A.	21	
21	Sr. Clerk	Sri Ashish Verma	M	B. A.	21	
22	Ju. Clerk	Sri Bhupendra Kumar	M	B.Sc.	1	

**The Watershed Development Team (WDT):** It is an integral part of the PIA. WDT will assist gram Sabha in **a)** constitution of Watershed Committee and its functioning, **b)** organize and strengthening User groups, Self Help Groups, **c)** conducting participatory baseline survey, **d)** training and Capacity Building, **e)** preparing detailed resource development plan including Soil & Water Conservation, **f)** undertake engineering surveys, **g)** prepare engineering drawings and cost estimate for structure to be built.

**Table 4.3: Details of Watershed Development Team (WDT) in the project area**

**Project- IWMP-XIII**

**PIA- BSA, Karwi I<sup>st</sup>**

**District – Chitrakoot**

<b>S. No.</b>	<b>Name of WDT member</b>	<b>M/F</b>	<b>Age</b>	<b>Qualification / Experience</b>	<b>Description of professional training</b>	<b>Date of appointment of WDT member</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
1	Sri Subhash Chandra Verma	M	57	Inter, Diploma in Ag.	Water Management	Oct. 2011
2	Sri Nagendra Pratap Singh	M	55	B.Sc. In Agriculture	Animal Husbandry	Oct. 2011
3	Sri Baliram Prasad	M	55	B.Sc. In Agriculture	Water Management	Oct. 2011
4	Sri Surendra Mishra	M	54	B.Sc. In Agriculture	Soil Expert	Oct. 2011

## **Watershed Committees:**

Watershed committees are being formed in all villages. Each committee would consist of at least of 10 members. Their representation will be as under:

- Minimum of 50% members from SHGs and UGs, SCs, women and landless
- One member from Watershed Development Team, especially women member (subject matter specialist in Social Science).

Watershed Committees would nominate one of their members as Watershed Secretary to perform the following duties:

1. Convening meetings of Watershed Committee, Gram Sabha.
2. Maintaining all records and proceedings of the meetings.
3. Follow up action on all decisions taken in the meetings.
4. Ensuring people's participation.

Watershed Secretary will be imparted training in maintaining the accounts as well other activities related to Project.

**Table 4.4: Details of Watershed Committee (WC)**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18			
S. No.	Name of Gram Shabha/GP	Date of Constitution/Registration as a Society (dd/mm/yyyy)	Name	Designation	M/F	SC	ST	SF	MF	LF	Landless	UG	SHG	GP	Any other	Educational qualification	Function (s) assigned			
1	2C1A3g2h Bimbiya	22-10-2011	Parsuram	President	M	√	-	√	-	-	-	√								
			Virendra	Secretary	M		-	√	-	-	-	√								
			Brijlal	Member	M	√	-	-	√	-	-	-	√							
			Jagdesha	Member	M	√	-	-	-	-	-	-			√					
			Lilavati	Member	F	√	-	√	-	-	√	-	√		√					
			Nandkishor	Member	M	-	-	-	-	√	-	√	-	√						
			Ranchor	Member	M		-	-	√	-	-	-	√							
			Chunkawan	Member	M	√	-	√	-	-	-	-	√							
			Ramesh	Member	M	√	-	√	-	-	-	-	√							
B.N. Samadhiya	Member	M	√	-	-	-	-	-	-	-										
2	2C1A3g2f Itwa Dudaila	22-10-2011	Rajabhayia	President	M	-	-	-	-	-	-	√								
			Rasbihari	Secretary	M	-	-	-	-	-	-	√								
			Dinesh Prasad	Member	M	-	-	-	-	-	-	-		√						
			Sabita	Member	F	-	-	-	-	-	-	-	√							
			Budu	Member	M	-	-	-	-	-	-	-	√							
			Shakhi	Member	F	-	-	-	-	-	-	-			√					
			Bansdevdhar	Member	M	-	-	-	-	-	-	-				√				
			Bejnhath	Member	M		-	-	-	-	√	-								
			Ramnehor	Member	M		-	-	-	-	-	-	√							
B.P.kushwaha	Member	M	-	-	-	-	-	-	-						√					
3	2C1A3g1j Amchur Neruwa	21-10-2011	Rajjan babu	President	M	√	-	-	-	-	-									
			Tejperkas	Secretary	M		-	-	√	-	-	-								
			Vijay	Member	M	-	-	-	-	-	-	-	√							
			Darbari lal	Member	M		-	-	-	-	-	-	√							
			Shokliya	Member	F		-	-	-	-	-	-		√						
			Sukheya	Member	F		-	-	-	-	-	-		√						
			Munna	Member	M		-	-	-	-	-	-			√					
			Gudiya	Member	F	√		-	-	-	-	-								
			Rajwa	Member	M	√		-	-	-	-	-								
Sankar	Member	M		-	-	-	-	-	-						√					

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
S. No.	Name of Gram Shabha/GP	Date of Constitution/ Registration as a Society (dd/mm/yyyy)	Name	Designation	M/F	SC	ST	SF	MF	LF	Landless	UG	SHG	GP	Any other	Educational qualification	Function (s) assigned		
4	2C1A3g1l Tikaria Jamunihai	21-10-2011	Dharma	President	M	√	-	-	-	-	-								
			Sudamaparsad	Secretary	M	√	-	-	-	-	-								
			Ramherdy	Member	M	√	-	-	-	-	-		√						
			Premalal	Member	F	√	-	-	-	-	-								
			raja	Member	M		-	-	-	-	-								
			Smt. Kalli	Member	F	-	-	-	-	-	-								
			Jaychand	Member	M	-	-	-	-	-	-		√						
			Chandlal	Member	M	-	-	-	-	-	-						√		
			Susila	Member	F	-	-	√		-	-								
			Avdesh kumar	Member	M	-	-	-		-	-						√		
5	2C1A3g1n Dodamafi	21-10-2011	Ram kishor	President	M				√			√							
			Sivparsad	Secretary	M				√			√							
			Girjadevi	Member	F					√			√	√					
			Dhirendra	Member	M					√			√	√					
			Kismatiya	Member	F	√							√			√			
			Sankar	Member	M	√			√				√	√					
			Meku	Member	M								√	√					
			Rajkumar	Member	M							√							
			Rajkumar	Member	F					√				√					
			B. N. Samadhiya	Member	M														
6	Mangawan	21-10-2011	Nand Kishor	President	M							√			√				
			Subhash Chandra	Secretary	M				√			√							
			Hublal	Member	M	√			√				√			√			
			Phulchndra	Member	M	√			√				√			√			
			Lavkush	Member	M	√			√			√							
			Umesh	Member	M	√			√					√					
			Rajkali	Member	F	√								√					
			Rambihari	Member	M	√								√					
			Rajaram	Member	M	√								√					
			B. N. Samadhiya	Member	M														

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
S. No.	Name of Gram Shabha/GP	Date of Constitution/ Registration as a Society (dd/mm/yyyy)	Name	Designation	M/F	SC	ST	SF	MF	LF	Landless	UG	SHG	GP	Any other	Educational qualification	Function (s) assigned		
7	2C1A3g1e Dodamafi	21-10-2011	Ram kishor	President	M				√			√							
			Sivparsad	Secretary	M				√				√						
			Girjadevi	Member	F					√			√	√					
			Dhirendra	Member	M					√			√	√					
			Kismatiya	Member	F	√										√			
			Sankar	Member	M	√		√					√	√	√				
			Meku	Member	M														
			Rajkumar	Member	M								√	√					
			Rajkumar	Member	M					√		√		√					
B. N. Samadhiya	Member	F																	
8	2C1A3g1e Mangawan	21-10-2011	Nand Kishor	President	M						√				√				
			Subhash Chandra	Secretary	M				√			√							
			Hublal	Member	M	√		√					√			√			
			Phulchndra	Member	M	√		√					√			√			
			Lavkush	Member	M	√		√			√								
			Umesh	Member	M	√		√						√					
			Rajkali	Member	M	√								√					
			Rambihari	Member	M	√								√					
			Rajaram	Member	M	√								√					
B. N. Samadhiya	Member	M																	
9	2C1A3h2e Amchur Neruwa	21-10-2011	Rajjan babu	President	M	√													
			Tejperkas	Secretary	M				√										
			Vijay	Member	M									√					
			Darbari lal	Member	M									√					
			Shokliya	Member	F										√				
			Sukheya	Member	F										√				
			Munna	Member	M											√			
			Gudiya	Member	F	√													
			Rajwa	Member	M	√													
Sankar	Member	M												√					

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
S. No.	Name of Gram Shabha/GP	Date of Constitution/ Registration as a Society (dd/mm/yyyy)	Name	Designation	M/F	SC	ST	SF	MF	LF	Landless	UG	SHG	GP	Any other	Educational qualification	Function (s) assigned		
10	2C1A3h2e Amchur Neruwa	21-10-2011	Ram babu	President	M	√													
			Tej Prakash	Secretary	M				√										
			Vijay Kumar	Member	M									√					
			Darbari lal	Member	M									√					
			Sukheya	Member	F										√				
			Munna	Member	M										√				
			Gudiya	Member	F	√										√			
			Rajwa	Member	M	√													
Sankar	Member	M								√									
11	2C1A3g1h Amchur Neruwa	21-10-2011	Rajjan babu	President	M														
			Tejperkas	Secretary	M				√										
			Vijay	Member	M									√					
			Darbari lal	Member	M									√					
			Shokliya	Member	F										√				
			Sukheya	Member	F										√				
			Munna	Member	M											√			
			Gudiya	Member	F	√													
			Rajwa	Member	M	√													
Sankar	Member	M												√					
12	Tikaria Jamunihai	21-10-2011	Dharma	President	M	√	-		-		-								
			Sudamaparsad	Secretary	M	√	-		-	-	-								
			Ram Haridaya	Member	M	√	-	-	-	-	-		√						
			Premlal	Member	F	√	-	-	-	-	-								
			raja	Member	M		-		-	-	-								
			Smt. Kalli	Member	F	-	-		-	-	-								
			Jaychand	Member	M	-	-		-	-	√								
			Chandlal	Member	M	-	-	-		-	-						√		
			Sushila	Member	F	-	-	√		-	-								
Avdesh kumar	Member	M	-	-	-		-	-						√					

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
S. No.	Name of Gram Shabha/GP	Date of Constitution/ Registration as a Society (dd/mm/yyyy)	Name	Designation	M/F	SC	ST	SF	MF	LF	Landless	UG	SHG	GP	Any other	Educational qualification	Function (s) assigned		
13	2C1A3g2a Kusumi-I	22-10-2011	Parsuram	President	M	√		√				√		√					
			Virendra	Secretary	M			√				√							
			Brijlal	Member	M	√				√			√						
			Jagdesha	Member	M	√						√		√					
			Lilavati	Member	F	√			√					√					
			Nand Kishor	Member	F							√		√					
			Ranchhor	Member	M						√			√					
			Chunkavan	Member	F	√			√					√					
			Ramesh	Member	M	√			√					√					
B. N. Samadhiya	Member	M																	

The Watershed Committee have been formed by the PIA as per Gram Panchayat wise.

## **FORMATION OF SELF HELP GROUPS:**

The formation of SHGs in all watershed villages is underway. It is proposed to form at least 5 SHGs in each village. Each SHG will consist of 5/7 members. The members would be mainly from landless, SCs and women, small and marginal farmers. Few groups exclusively of unemployed youth have also been identified. These groups will be homogeneous having common goal for increasing their income by establishing micro enterprise. Under the Project, each SHG would be given a revolving fund of Rs.20000/25000 each after 6 months from the date of formation (subject to qualifying the 1st grading and meeting the laid down norms). After having discussions with the village community The SHGs may opt any of the Income Generating Activities from the list given below.

1. Bakery Products 2. Soap & Detergent making 3. Cutting and Tailoring 4. Embroidery 5. Fisheries 6. Mushroom cultivation 7. Household wiring, Motor winding 8. Plumbing 9. Carpentry 10. Bee keeping 11. Pickles, sauces, jam, jelly etc. 12. Two wheelers repairing 13. Animal husbandry 14. Backyard poultry 15. Vermi Compost

However, decision for adopting Economic Activities would rest with respective SHGs. Accordingly; these SHGs would be imparted trainings in the IGAs they opt for. Preliminary survey reveals reasonable potentials for the above mentioned Economic Activities and these could prove to be beneficial to poor people residing in selected Watershed villages.

**Table 4.5: Details of Self Help Groups (SHGs) in the project area**

1	2	3	4				5				6			7			8				
			S. No.	Name of MWS	Names of Group	Total no. of Constituted/registered SHGs				No. of members				No. of SC/ST in each category				No. of BPL in each category			Date of formation of SHGs
						With only Men	With only Women	With both	Total	Categories	M	F	Total	M	F	Total		M	F	Total	
1	2C1A3g2h	Jai Mata Di SHG	7	4		11	(i) Landless	7	4	11			0	7	4	11	22-10-2011				
							(ii) SF			0			0			0					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
2	2C1A3g2h	Jai Masan SHG	6	4		10	(i) Landless	6	4	10			0	6	4	10	22-10-2011				
							(ii) SF			0			0			0					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
3	2C1A3g2h	Jai Ganesh SHG	9	2		11	(i) Landless	9	2	11	9	2	11	9	2	11	22-10-2011				
							(ii) SF			0			0			0					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
4	2C1A3g2h	Jai Bajrang Bali SHG	7	3		10	(i) Landless	7	3	10			0	7	3	10	22-10-2011				
							(ii) SF			0			0			0					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
5	2C1A3g2a	Amvedkar SHG		10		10	(i) Landless		10	10			0		10	10	22-10-2011				
							(ii) SF			0			0			0					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
6	2C1A3g2a	Phoolmati SHG	10			10	(i) Landless	10		10			0		10	10	22-10-2011				
							(ii) SF			0			0			0					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
7	2C1A3g2a	Maa Durga SHG		10		10	(i) Landless		10	10			0		10	10	22-10-2011				
							(ii) SF			0			0			0					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					

1	2	3	4				5			6			7			8				
			S. No.	Name of MWS	Names of Group	Total no. of Constituted/registered SHGs				No. of members			No. of SC/ST in each category				No. of BPL in each category			Date of formation of SHGs
						With only Men	With only Women	With both	Total	Categories	M	F	Total	M	F		Total	M	F	
8	2C1A3g2a	Jai hanuman SHG	7	3		10	(i) Landless	5	3	8	7	3	0	5	3	8	22-10-2011			
							(ii) SF			0			0			0				
							(iii) MF			0			0			0				
							(iv) LF			0			0			0				
9	2C1A3g2a	Adarsh SHG	10			10	(i) Landless			0			0			0	22-10-2011			
							(ii) SF	10		10			0	8		8				
							(iii) MF			0			0			0				
							(iv) LF			0			0			0				
10	2C1A3g2f	Durga Ji SHG	10			10	(i) Landless		8	8	8		8	8		8	22-10-2011			
							(ii) SF		2	2	2		2	1		1				
							(iii) MF			0			0			0				
							(iv) LF			0			0			0				
11	2C1A3g2f	Maa sharda SHG	10			10	(i) Landless	7		7	7		7	7		7	22-10-2011			
							(ii) SF	3		3	3		3	2		2				
							(iii) MF			0			0			0				
							(iv) LF			0			0			0				
12	2C1A3g2f	Jai Bholu SHG	10			10	(i) Landless	4		4	4		4	4		4	22-10-2011			
							(ii) SF	6		6	6		6	5		5				
							(iii) MF			0			0			0				
							(iv) LF			0			0			0				
13	2C1A3g2f	Jai Kamta SHG	10			10	(i) Landless	3		3	3		3	3		3	22-10-2011			
							(ii) SF	7		7	7		7	6		6				
							(iii) MF			0			0			0				
							(iv) LF			0			0			0				
14	2C1A3g2f	Jai Sankar SHG	10			10	(i) Landless	1		1			0			0	22-10-2011			
							(ii) SF	7		7			0	3		3				
							(iii) MF	2		2			0			0				
							(iv) LF			0			0			0				

1	2	3	4				5				6			7			8				
			S. No.	Name of MWS	Names of Group	Total no. of Constituted/registered SHGs				No. of members				No. of SC/ST in each category				No. of BPL in each category			Date of formation of SHGs
						With only Men	With only Women	With both	Total	Categories	M	F	Total	M	F	Total		M	F	Total	
15	2C1A3g2f	SHG	10			10	(i) Landless	3		3	3		3	3		3	22-10-2011				
							(ii) SF	7		7	7		7	6		6					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
16	2C1A3g2f	Bhagban Buddha SHG	10			10	(i) Landless	4		4	4		4	4		4	22-10-2011				
							(ii) SF	6		6	6		6	6		6					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
17	2C1A3g1j	Kalyani SHG	10			10	(i) Landless		10	10	10		10			0	21-10-2011				
							(ii) SF			0			0			0					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
18	2C1A3g1l	Jai Sankar SHG	12			12	(i) Landless	7		7	7		7	5		5	21-10-2011				
							(ii) SF	5		5	5		5			0					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
19	2C1A3g1l	Jai Kali SHG		10		10	(i) Landless		8	8		8	8		8	8	21-10-2011				
							(ii) SF		2	2		2	2			0					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
20	2C1A3g1l	Jai Maa Durge SHG	11			11	(i) Landless	6		6	6		6	3		3	21-10-2011				
							(ii) SF	5		5	5		5	2		2					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
21	2C1A3g1l	Jai hanuman SHG	12			12	(i) Landless	4		4	4		4	3		3	21-10-2011				
							(ii) SF	8		8	8		8	5		5					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					

1	2	3	4				5				6			7			8				
			S. No.	Name of MWS	Names of Group	Total no. of Constituted/registered SHGs				No. of members				No. of SC/ST in each category				No. of BPL in each category			Date of formation of SHGs
						With only Men	With only Women	With both	Total	Categories	M	F	Total	M	F	Total		M	F	Total	
22	2C1A3g1l	Jai Ambe SHG	10			10	(i) Landless	2		2	2		2	2		2	21-10-2011				
							(ii) SF	8		8	8		8	7		7					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
23	2C1A3g1l	Jai Bhabani SHG	10			10	(i) Landless	5		5	5		5	4		4	21-10-2011				
							(ii) SF	5		5	5		5	3		3					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
24	2C1A3g1l	Jai Bajrang Bali SHG	10			10	(i) Landless	4		4	3		3	3		3	21-10-2011				
							(ii) SF	6		6	6		6	6		6					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
25	2C1A3g1l	Jai Parbati SHG	10			10	(i) Landless	3		3	2		2	3		3					
							(ii) SF	7		7	6		6	7		7					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
26	2C1A3g1l	Shantidevi SHG	10			10	(i) Landless	2		2	2		2	2		2	21-10-2011				
							(ii) SF	8		8	6		6	8		8					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
27	2C1A3g1l	Jai Shai Baba SHG	10			10	(i) Landless	4		4	3		3	4		4	21-10-2011				
							(ii) SF	6		6	6		6	6		6					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
28	2C1A3g1l	Jai Sivsankar Bali SHG	11			11	(i) Landless	4		4	4		4	3		3	21-10-2011				
							(ii) SF	7		7	6		6	7		7					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					

1	2	3	4				5				6			7			8				
			S. No.	Name of MWS	Names of Group	Total no. of Constituted/registered SHGs				No. of members				No. of SC/ST in each category				No. of BPL in each category			Date of formation of SHGs
						With only Men	With only Women	With both	Total	Categories	M	F	Total	M	F	Total		M	F	Total	
29	2C1A3g1l	Jai Ganesh SHG	10			10	(i) Landless	4		4	4		4	4		4	21-10-2011				
							(ii) SF	6		6	4		4	6		6					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
30	2C1A3g1l	Jai Katabali SHG	11			11	(i) Landless	4		4	2		2	3		3	21-10-2011				
							(ii) SF	7		7	6		6	7		7					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
31	2C1A3g1l	Jai Boole SHG	10			10	(i) Landless	2		2	1		1	2		2	21-10-2011				
							(ii) SF	8		8	8		8	8		8					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
32	2C1A3g1l	Shati Anusuya SHG	11			11	(i) Landless	4		4	4		4	4		4	21-10-2011				
							(ii) SF	7		7	5		5	7		7					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
33	2C1A3g1n	Vishvakarma SHG	10			10	(i) Landless	5		5			0	7		7	21-10-2011				
							(ii) SF	5		5			0		0		0				
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
34	2C1A3g1n	Mahila SHG		10		10	(i) Landless		10	10			0	10		10	21-10-2011				
							(ii) SF			0			0			0					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
35	2C1A3g1n	Jai hanuman SHG	10			10	(i) Landless	5		5			0	6		6	21-10-2011				
							(ii) SF	5		5			0		0		0				
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					

1	2	3	4				5				6			7			8				
			S. No.	Name of MWS	Names of Group	Total no. of Constituted/registered SHGs				No. of members				No. of SC/ST in each category				No. of BPL in each category			Date of formation of SHGs
						With only Men	With only Women	With both	Total	Categories	M	F	Total	M	F	Total		M	F	Total	
36	2C1A3g1n	Jai Ambe SHG		11		11	(i) Landless	6		6			0	7		7	21-10-2011				
							(ii) SF	5		5			0		0						
							(iii) MF			0			0		0						
							(iv) LF			0			0		0						
37	2C1A3g1n	Sarobar SHG	10			10	(i) Landless	6		6	10		10	10		10	21-10-2011				
							(ii) SF	4		4			0		0		0				
							(iii) MF			0			0		0		0				
							(iv) LF			0			0		0		0				
38	2C1A3g1n	Jai Maa Durge SHG	10			10	(i) Landless			0	10		10	10		10					
							(ii) SF			0			0		0		0				
							(iii) MF			0			0		0		0				
							(iv) LF			0			0		0		0				
39	2C1A3g1n	Tara Mahila SHG		9		9	(i) Landless		9	9		9	9		9	9	21-10-2011				
							(ii) SF			0			0		0		0				
							(iii) MF			0			0		0		0				
							(iv) LF			0			0		0		0				
40	2C1A3g1n	Ramkund SHG	10			10	(i) Landless		10	10		10	10		10	10	21-10-2011				
							(ii) SF			0			0		0		0				
							(iii) MF			0			0		0		0				
							(iv) LF			0			0		0		0				
41	2C1A3g1n	Eklavya SHG	10			10	(i) Landless	4		4	10		10	10		10	21-10-2011				
							(ii) SF	6		6			0		0		0				
							(iii) MF			0			0		0		0				
							(iv) LF			0			0		0		0				
42	2C1A3g1n	Kunware Baba SHG	10			10	(i) Landless	7		7	10		10	10		10	21-10-2011				
							(ii) SF	3		3			0		0		0				
							(iii) MF			0			0		0		0				
							(iv) LF			0			0		0		0				

1	2	3	4				5				6			7			8				
			S. No.	Name of MWS	Names of Group	Total no. of Constituted/registered SHGs				No. of members				No. of SC/ST in each category				No. of BPL in each category			Date of formation of SHGs
						With only Men	With only Women	With both	Total	Categories	M	F	Total	M	F	Total		M	F	Total	
43	2C1A3g1e	Shiva SHG	10			10	(i) Landless			0			0			0			0	21-10-2011	
							(ii) SF	6		6	4		4	1		1					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
44	2C1A3g1e	Azad SHG	10			10	(i) Landless	10		10			0	2		2			2	21-10-2011	
							(ii) SF			0			0			0					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
45	2C1A3g1e	Nav Yuvak SHG	10			10	(i) Landless	10		10			0	1		1			1	21-10-2011	
							(ii) SF			0			0			0					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
46	2C1A3g1e	Jai Bajrang SHG			10	10	(i) Landless	9	1	10	9	1	10	2		2			2	21-10-2011	
							(ii) SF			0			0			0					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
47	2C1A3g1e	Jai Maa SHG	10			10	(i) Landless	10		10			0	2		2			2	21-10-2011	
							(ii) SF			0			0			0					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
48	2C1A3g1e	Puja SHG			10	10	(i) Landless		10	10	10		10	4		4			4	21-10-2011	
							(ii) SF			0			0			0					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
49	2C1A3g1h	Ambedkar SHG	8	3		11	(i) Landless	2	3	5	2	3	5	2	3	5	2	3	5	21-10-2011	
							(ii) SF	6		6	6		6	6		6		6			
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					

1	2	3	4				5				6			7			8				
			S. No.	Name of MWS	Names of Group	Total no. of Constituted/registered SHGs				No. of members				No. of SC/ST in each category				No. of BPL in each category			Date of formation of SHGs
						With only Men	With only Women	With both	Total	Categories	M	F	Total	M	F	Total		M	F	Total	
50	2C1A3g1h	Shiv Ji SHG	10			10	(i) Landless	5		5	5		5	5		5	21-10-2011				
							(ii) SF	5		5	5		5	5		5					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
51	2C1A3g1h	Ramrahim SHG	6	4		10	(i) Landless	2	4	6	2	4	6	2	3	5	21-10-2011				
							(ii) SF	4		4	4		4	4		4					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
52	2C1A3g1h	Kamthanath	7	3		10	(i) Landless	4	3	7	4	3	7	3	3	6	21-10-2011				
							(ii) SF	3		3	3		3	3		3					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
53	2C1A3g1h	Maa Kali Devi SHG	5	5		10	(i) Landless	2	5	7	2	5	7	2	4	6	21-10-2011				
							(ii) SF	3		3	3		3	3		3					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
54	2C1A3g1h	Bajrang Bali SHG	6	4		10	(i) Landless	2	4	6	2	4	6	2	4	6	21-10-2011				
							(ii) SF	4		4	4		4	4		4					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
55	2C1A3g1h	Kali Devi SHG	7	3		10	(i) Landless	4	3	7	4	3	7	4	3	7	21-10-2011				
							(ii) SF	3		3	3		3	3		3					
							(iii) MF			0			0			0					
							(iv) LF			0			0			0					
56	2C1A3g1h	Shankar Ji SHG	11			11	(i) Landless	3		3	3		3	3		3	21-10-2011				
							(ii) SF	4		4	3		3	2		2					
							(iii) MF	4		4			0			0					
							(iv) LF			0			0			0					

1	2	3	4				5			6			7			8	
S. No.	Name of MWS	Names of Group	Total no. of Constituted/registered SHGs				No. of members			No. of SC/ST in each category			No. of BPL in each category			Date of formation of SHGs	
			With only Men	With only Women	With both	Total	Categories	M	F	Total	M	F	Total	M	F		Total
57	2C1A3h2e	Kalyani SHG		10		10	(i) Landless		10	10	10		10			0	21-10-2011
							(ii) SF			0			0			0	
							(iii) MF			0			0			0	
							(iv) LF			0			0			0	
58	2C1A3h2e	Mamta SHG		10		10	(i) Landless		10	10		10	10		1	1	21-10-2011
							(ii) SF			0			0			0	
							(iii) MF			0			0			0	
							(iv) LF			0			0			0	
59	2C1A3h2e	Shanti SHG		10		10	(i) Landless		10	10		10	10		2	2	21-10-2011
							(ii) SF			0			0			0	
							(iii) MF			0			0			0	
							(iv) LF			0			0			0	
60	2C1A3h2e	Sumedera SHG		10		10	(i) Landless		10	10		10	10		2	2	21-10-2011
							(ii) SF			0			0			0	
							(iii) MF			0			0			0	
							(iv) LF	2		2			0			0	

**Table 4.6: Details of Formation of Self Help Groups**

S. No.	Name of micro watershed	Name of village	Name of group	Date of constitution	Name of Adhyaksh	Name of Sachiv	Total No. of Members				Name of Bank and Address	A/C No. & Date	Up to date Saving Rs.	Group activities
							Women	Sc/St	Other	Total				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	2C1A3g2h	Bambiya	Jai Mata Di	22.10.11	Seeta Devi	Kashi Prasad	4		7	11	TGB Manikpur			Sewing
2			Jai Masan		Pyarelal	Pankaj	4		6	10				Goat Rearing
3			Jai Ganesh		Mannu Lal	Tijol	2	11		13				
4			Jai Bajrang Bali		Sri Ram Naresh	Vijay Kumar	3		7	10				
5	2C1A3g2f	Itwa Dudalla	Durga Ji	22.10.11	Kamleshiya	Ram kanya	10			10	TGB Manikpur			Goat Rearing
6			Maa Sharda		Raj Kumar	Bhima		10		10				
7			Jai Bhole		Tejal	Prema		10		10				
8			Jai Kamtanath		Bulli	Dadan		10		10				
9			Jai Shankar		Raj Kishor	Sanjai			10	10				
10			Ambe Devi		Nanduwa	Bhaiyara		10		10				
11			Bhagwan Budha		Gyani	Ramshona		10		10				
12	2C1A3g1j	Tikariya Jamunihai	Jai Shankar	1.06.12	Munna	Devmuni		12		12				Goat Rearing
13			Jai Bali		Mamta	Sunita	10			10			Sewing	
14			Jai ma Durga		Sigreti	Kailash		11		11			Dona Pattal	
15			Jai Hanuman		Thakur	Anand		12		12			Dairy	
16			Jai Ambe Maa		Chunbad	Shivlata		10		10			Poultry	
17			Jai Bhavani		Sitaram	Phol Devna		10		10			Poultry	
18			Jai Bajrang Bali		Dadulal	Shyamlal		8	2	10			Dairy	
19			Jai Parvati		Vishram	Rasharan		8	2	10			Goat Rearing	
20			Shanti Devi		Santosh	Budhani		8	2	10			Goat Rearing	
21			Jai Sai Baba		guriya	Ramphal		9	1	10			Dona Pattal	
22			Jai Shiv Shankar		Sahas Ram	Chunbad		10	1	11			Goat Rearing	
23			Jai Ganesh		Shyam	Chote Bhaiya		8	2	10			Dairy	
24	Jai Latawali	Phool chandra	Santlal		8	3	11			Poultry				

S. No .	Name of micro watershed	Name of village	Name of group	Date of constitution	Name of Adhyaksh	Name of Sachiv	Total No. of Members				Name of Bank and Address	A/C No. & Date	Up to date Saving Rs.	Group activities	
							Wo-men	Sc/ St	Other	Total					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
24a			Jai Bhole		Arjun	Heera lal		9	1	10				Goat Rearing	
25			Sati Ansuiya		Radhe Shyam	Natthu		9	2	11					
26	2C1A3g1j	Bheda	Kalyani SHG	21.10.11	Urmila	RajKaliya	10	10		20				Goat Rearing	
27	2C1A3g1n	Doda-mafee	Vishvkarma	21.10.11	Dhirendra	Rajman			10	10	TGB Manikpur			Carpentry	
28			Mahila		Girijadevi	Ranjna	10		10	20				Sewing	
29			Jai Hanuman		Jiyalala	Raghunath			10	10				Goat Rearing	
30			Jai Ambe		Maduri	Champa	10		10	20				Dairy	
31			Eklabya		Prabhu Dayal	Ram Dyal		10	10	20				Goat Rearing	
32		Man-gawan	Kuber Baba		Rajesh	Ram Khelavan	10		10	20					
33			Sarovar		Lavkush	Umesh	10		10	20					
34			Jai Durge		Rajkali	Rani	10	10		20					
35			Tara Mahila		Bhudha Baliya	Jhhalli	10	10		20					
36		Ram Kunda	Renu		Keshni	10	10		20						
37		Tikaria Jamunihai	Eklabya		Rabhorni	Amit		10		10					
38			Maa Durge		Arti	Sundarkali	10	10		20					
39	2C1A3g1e	Man-gawan	Shiva	21.10.11	Kalua	Shiv Prasad		6	4	10				Dairy	
40		Doda-mafee	Ajad		Kalyan	Kapil Kumar			10	10					Carpentry
41			Navyuvak		Shivdant	Radhe Shyam		2	8	10					Dona Pattal
42			Jai Bajrang		Rakesh	Santosh Kumar		9	1	10					Goat Rearing
43			Jai Maa		Lalta Prasad	Abhishek			10	10					Fishery
44			Puja		Vidya Devi	Meena			11	11					Goat Rearing
45	2C1A3h2e	Amchur Neruwa	Kalyani SHG	21.10.11	Shivkaliya	Sunita	10	10		20	TGB Manikpur			Dona Pattal	
46			Mamta		Sukhiya	Mamta	10	10		20			Sewing		
47			Shanti		Ketaki	Gudiya	10	10		20			Mombatti Making		

S. No .	Name of micro watershed	Name of village	Name of group	Date of constitution	Name of Adhyaksh	Name of Sachiv	Total No. of Members				Name of Bank and Address	A/C No. & Date	Up to date Saving Rs.	Group activities	
							Wo-men	Sc/St	Other	Total					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
48			Subhadra		Raj Lumari	Arti	10	10		20				Sewing	
51	2C1A3g1h	Markundi	Ambedkar	21.10.11	Babli	Babli	3	8		11	TGB Manikpur			Goat Rearing	
52			Shiva Ji		Babli	Ashok		10		10					
53			Ram Rahim		Sunitra	Santo Devi	4	6		10					
54			Kamtanath		Kalavati	Ramesh	4	7		11					
55			Maa Kali Devi		Ramlal	Lotan	5	5		10					
56			Bajrang Bali		Kamleshya	Santosh	4	6		10					
57			Kali Devi		Premlal	Dev Kumari	3	7		10					
58			Bheda		Shankar Ji	Rampratap	Daduva		7	4		11			
59	2C1A3g2a	Bambiya	Ambedkar	22.10.12	Sarsvati	Geeta Devi	10	10		10				Dona Pattal	
60			Phoolmati		Brijlal	Raju		10		10					Goat Rearing
61		Kusumi	Maa Durge		Sita Devi	Suman	10		10	10					Sewing
62			Jai Hanuman		Mannu Lal	Munni	4	6		10					Goat Rearing
63			Adarsh		Raj Bahadur	Dev Narayan			10	10					Goat Rearing
64	2C1A3g2e	Itwa Dudaila	Jai Kuber	22.10.12	Shivnath	Sanjeev	5		5	10	TGB Manikpur				
65			Jai Maa Kali		Sundar	Sohan	5		5	10					
66			Jai Parmu Baba		Devraj	Devnath	2		8	10					
67	2C1A3g2d	Itwa Dudaila	Jai Bholeshwar	22.10.12	Raj Kumar	Dadubhai			18	18	TGB Manikpur				
68			jai Rameshwar		Deshraj	Devnath	3		12	15					
69			Jai Vaishno Mata		Ramdev	Ganga	5		14	19					
70			Jai Bankali		Dev Narayan	Khajanchi	7		14	21					
71			Jai Surya Dev		Bhadur	Shalilkram	3		15	18					
72			Jai Prayagraj		Maheshvari	Daduva			12	12					
73			Jai Parvat Kali		Basantlal	Mevalal		20		20					
74			Jai Asavar		Natthu	Kodulal	1	19		20					
75			Jai Balmik		Rajkumar	Snatosh	3	17		20					

S. No .	Name of micro watershed	Name of village	Name of group	Date of constitution	Name of Adhyaksh	Name of Sachiv	Total No. of Members				Name of Bank and Address	A/C No. & Date	Up to date Saving Rs.	Group activities
							Wo-men	Sc/St	Other	Total				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
76			Jai Sri Ram		Jailal	Maujilal	5	8		13				
77	2C1A3g2b	Itwa Dudaila	Jai Bholeshwar	22.10.12	Raj Kumar	Dadubhai				0	TGB Manikpur			
78			jai Rameshwar		Deshraj	Devnath	3			3				
79			Jai Vaishno Mata		Ramdev	Ganga	5			5				
80			Jai Bankali		Dev Narayan	Khajanchi	7			7				
81			Jai Surya Dev		Bhadur	Shalilkram	3			3				
82			Jai Prayagraj		Maheshvari	Daduva				0				
83			Jai Parvat Kali		Basantlal	Mevalal		20		20				
84			Jai Asavar		Natthu	Kodulal	1	19		20				
85			Jai Balmik		Rajkumar	Snatosh	3	17		20				
86			Jai Sri Ram		Jailal	Maujilal	5	8		13				
87			Jai Kashiram		Ram Prakash	Rajendra	2		8	10				
88			Jai Hanuman		Ramlal	Ram Lakhan	2		8	10				
89			Jai Gange		Roshan	Maheshvari	3		7	10				
90			Jai Math Kuber		Shivnath	Rajiv	6		4	10				
91			Jai Ganga Sagar		Parshuram	Chotu			10	10				
92			Jai Bhole		Ram Ganesh	Rajesh	2		8	10				

## User groups:

The members of User groups would be those persons who would directly derive benefits from Watershed Activities. Resource use agreements are being worked out. The User groups will be responsible for the operation and maintenance of all the assets created under the Project. Formation of User groups is under process in all the villages covered under the Project. The members of User Groups would be imparted training by PIA for effectively managing the assets created.

**Table 4.7: Details of User Groups**

1	2	3	4				5				6			7			8
S. No.	Code of MWS	Name of Group	Total no. of UGs				No. of members				No. of SC/ST in each category			No. of BPL in each category			Date of formation of UGs
			Men	Wo-men	Both	Total	Categories	M	F	Total	M	F	Total	M	F	Total	
1	2C1A3g2h	Dalhan UGS	19			19	(i) Landless			0			0			0	22-10-2011
							(ii) SF	4		4			0		0		
							(iii) MF	4		4			0		0		
							(iv) LF	11		11			0		0		
2	2C1A3g2h	Dalhan UGS	20	1		21	(i) Landless			0			10			0	
							(ii) SF	6		6	4		4	2	2		
							(iii) MF	12		12	3		3	3	3		
							(iv) LF	3		3			0		0		
3	2C1A3g2h	Tilhan UGS	18	2		20	(i) Landless			0			0			0	22-10-2011
							(ii) SF	4		4			0		0		
							(iii) MF	14	2	16			0		0		
							(iv) LF			0			0		0		
4	2C1A3g2h	Tilhan UGS	18	2		20	(i) Landless			0			0			0	22-10-2011
							(ii) SF	7	1	8			0		0		
							(iii) MF	2	1	3			0		0		
							(iv) LF	9		9			0		0		

1	2	3	4				5			6			7			8	
S. No.	Code of MWS	Name of Group	Total no. of UGs				No. of members			No. of SC/ST in each category			No. of BPL in each category			Date of formation of UGs	
			Men	Women	Both	Total	Categories	M	F	Total	M	F	Total	M	F		Total
5	2C1A3g2h	Dalhan UGS	19	1		20	(i) Landless			0			0			0	22-10-2011
							(ii) SF	7	1	8	1		1			0	
							(iii) MF			0			0			0	
							(iv) LF	12		12			0			0	
6	2C1A3g2h	Dalhan UGS	17	3		20	(i) Landless			0			0			0	22-10-2011
							(ii) SF	7	1	8	2	1	3		1	1	
							(iii) MF	4		4			0			0	
							(iv) LF	6	2	8	1		1			0	
7	2C1A3g2h	Dalhan UGS	23	3		26	(i) Landless			0			0			0	22-10-2011
							(ii) SF	10		10			0			0	
							(iii) MF	6	3	9	1		1		1	1	
							(iv) LF	7		7			0			0	
8	2C1A3g2h	Dalhan UGS	19	1		20	(i) Landless			0			0			0	22-10-2011
							(ii) SF	7		7	4		4	2		2	
							(iii) MF	12	1	13	2		2	2		2	
							(iv) LF			0			0			0	
9	2C1A3g2a	Raj Kishor UGS	9	1		10	(i) Landless			0	2		2	4		4	22-10-2011
							(ii) SF	6	1	7			0			0	
							(iii) MF	2		2			0			0	
							(iv) LF	1		1			0			0	
10	2C1A3g2a	Ram Milan UGS	10			10	(i) Landless			0			0	6		6	22-10-2011
							(ii) SF	8		8			0			0	
							(iii) MF	1		1			0			0	
							(iv) LF	1		1			0			0	
11	2C1A3g2a	Ayodhya Prasad UGS	10			10	(i) Landless			0			0	4		4	22-10-2011
							(ii) SF	7		7			0			0	
							(iii) MF	2		2			0			0	
							(iv) LF	1		1			0			0	

1	2	3	4				5				6			7			8	
S. No.	Code of MWS	Name of Group	Total no. of UGs				No. of members				No. of SC/ST in each category			No. of BPL in each category			Date of formation of UGs	
			Men	Women	Both	Total	Categories	M	F	Total	M	F	Total	M	F	Total		
12	2C1A3g2a	Ramniranjan UGS	8	2		10	(i) Landless			0	4	2	6	5	1	6	22-10-2011	
							(ii) SF	8	2	10			0			0		
							(iii) MF			0			0			0		
							(iv) LF			0			0			0		
13	2C1A3g2a	Piremnarayn UGS	10			10	(i) Landless			0	3		3	4		4	22-10-2011	
							(ii) SF	8		8			0			0		
							(iii) MF			0			0			0		
							(iv) LF	2		2			0			0		
14	2C1A3g2a	Purashottam UGS	10			10	(i) Landless			0	5		5	3		3	22-10-2011	
							(ii) SF	6		6			0			0		
							(iii) MF	3		3			0			0		
							(iv) LF	1		1			0			0		
15	2C1A3g2a	Visunukant UGS	10			10	(i) Landless			0	2		2	4		4	22-10-2011	
							(ii) SF	8		8			0			0		
							(iii) MF			0			0			0		
							(iv) LF	2		2			0			0		
16	2C1A3g2a	Bhaiya UGS	9	1		10	(i) Landless			0	4		4			0	22-10-2011	
							(ii) SF			0			0			0		
							(iii) MF	6		6			0			0		
							(iv) LF	3	1	4			0			0		
17	2C1A3g2a	Ramperkas UGS	8	2		10	(i) Landless			0	1	2	3	4	1	5	22-10-2011	
							(ii) SF	4	2	6			0			0		
							(iii) MF	3		3			0			0		
							(iv) LF	1		1			0			0		
18	2C1A3g2a	Tulsi UGS	10			10	(i) Landless			0			0			0		
							(ii) SF	6		6	2		2	4		4	22-10-2011	
							(iii) MF	2		2			0			0		
							(iv) LF	2		2			0			0		

1	2	3	4				5				6			7			8
S. No.	Code of MWS	Name of Group	Total no. of UGs				No. of members				No. of SC/ST in each category			No. of BPL in each category			Date of formation of UGs
			Men	Women	Both	Total	Categories	M	F	Total	M	F	Total	M	F	Total	
19	2C1A3g2a	Lalji UGS	8	2		10	(i) Landless			0			0			0	
							(ii) SF		2	2		2	2		2	2	
							(iii) MF	8		8			0			0	
							(iv) LF			0			0			0	
20	2C1A3g2a	Ramdeen UGS	7	3		10	(i) Landless			0			0			0	
							(ii) SF	3		3		3	3	3		3	22-10-2011
							(iii) MF	3	3	6			0			0	
							(iv) LF	1		1			0			0	
21	2C1A3g2a	Sookhi UGS	10			10	(i) Landless			0	4		4	4		4	22-10-2011
							(ii) SF	4		4			0			0	
							(iii) MF	6		6			0			0	
							(iv) LF			0			0			0	
22	2C1A3g2a	Ramnaresh UGS	10			10	(i) Landless			0			0			0	
							(ii) SF	9	1	10	4		4	7		7	22-10-2011
							(iii) MF			0			0			0	
							(iv) LF			0			0			0	
23	2C1A3g2a	Udit Narayan UGS	7	3		10	(i) Landless			0			0			0	
							(ii) SF	1	2	3	2	2	4	1	2	3	22-10-2011
							(iii) MF	5	1	6			0			0	
							(iv) LF	1		1			0			0	
24	2C1A3g2a	Krishandhar UGS	10			10	(i) Landless			0			0			0	
							(ii) SF	7		7			0	5		5	22-10-2011
							(iii) MF	1		1			0			0	
							(iv) LF	2		2			0			0	
25	2C1A3g2f	Maa Kali UGS	8	2		10	(i) Landless			0			0			0	
							(ii) SF	2	2	4			0	1	1	2	22-10-2011
							(iii) MF	6		6			0			0	
							(iv) LF			0			0			0	

1	2	3	4				5				6			7			8
S. No.	Code of MWS	Name of Group	Total no. of UGs				No. of members				No. of SC/ST in each category			No. of BPL in each category			Date of formation of UGs
			Men	Women	Both	Total	Categories	M	F	Total	M	F	Total	M	F	Total	
26	2C1A3g2f	Maa shakti UGS	15			15	(i) Landless			0			0			0	
							(ii) SF	6		6			0	2		2	22-10-2011
							(iii) MF	5		5			0			0	
							(iv) LF	4		4			0			0	
27	2C1A3g2f	Ramrahim Dalhan UGS	14	1		15	(i) Landless			0			0			0	
							(ii) SF	2	1	3			0	1	1	2	22-10-2011
							(iii) MF	10		10			0	3		3	
							(iv) LF	2		2			0			0	
28	2C1A3g2f	Jai Shankar Ji UGS	15			15	(i) Landless			0			0			0	
							(ii) SF	3		3			0	1	1	2	22-10-2011
							(iii) MF	8		8			0	5		5	
							(iv) LF	4		4			0			0	
29	2C1A3g2f	Maa sharda UGS	15			15	(i) Landless			0			0			0	
							(ii) SF	3		3			0	1		1	22-10-2011
							(iii) MF	9		9			0			0	
							(iv) LF	3		3			0			0	
30	2C1A3g2f	Tulsidas UGS	15			15	(i) Landless			0			0			0	
							(ii) SF	9		9	9		9	9		9	22-10-2011
							(iii) MF	6		6	6		6	5		5	
							(iv) LF			0			0			0	
31	2C1A3g2f	Jai Bhabani UGS	15			15	(i) Landless			0			0			0	
							(ii) SF	6		6	6		6	6		6	22-10-2011
							(iii) MF	9		9	9		9	9		9	
							(iv) LF			0			0			0	
32	2C1A3g2f	Tilhan UGS	10			10	(i) Landless			0			0			0	
							(ii) SF	7		7	7		7	6		6	22-10-2011
							(iii) MF	3		3			0			0	
							(iv) LF			0			0			0	

1	2	3	4				5				6			7			8
S. No.	Code of MWS	Name of Group	Total no. of UGs				No. of members				No. of SC/ST in each category			No. of BPL in each category			Date of formation of UGs
			Men	Women	Both	Total	Categories	M	F	Total	M	F	Total	M	F	Total	
33	2C1A3g1j	Tilhan UGS	23	1		24	(i) Landless			0			0			0	
							(ii) SF	18		18	17		17	5		5	22-10-2011
							(iii) MF	5	1	6	5	1	6	1		1	
							(iv) LF			0			0			0	
34	2C1A3g1l	Khadyan UGS	19	1		20	(i) Landless			0			0			0	21-10-2011
							(ii) SF	4		4	3		3	2		2	
							(iii) MF	9		9	5		5	3		3	
							(iv) LF	6	1	7			0			0	
35	2C1A3g1l	Khadyan UGS	8	2		10	(i) Landless			0			0			0	
							(ii) SF	3	2	5	2	1	3	1		1	21-10-2011
							(iii) MF	5		5			0			0	
							(iv) LF			0			0			0	
36	2C1A3g1l	Khadyan UGS	20	1		21	(i) Landless			0			0			0	
							(ii) SF	2		2	2		2	1		1	21-10-2011
							(iii) MF	11		11	3		3	3		3	
							(iv) LF	7	1	8			0			0	
37	2C1A3g1l	Tilhan UGS	15	5		20	(i) Landless			0			0			0	
							(ii) SF	1	3	4		3	3		1	1	21-10-2011
							(iii) MF	11	2	13	10		10	4		4	
							(iv) LF	3		3			0			0	
38	2C1A3g1l	Tilhan UGS	16	4		20	(i) Landless			0			0			0	
							(ii) SF	2	2	4	1	1	2	1	1	2	21-10-2011
							(iii) MF	8	3	11	7	2	9	3	2	5	
							(iv) LF	5		5			0			0	
39	2C1A3g1l	Tilhan UGS	13	7		20	(i) Landless			0			0			0	
							(ii) SF	4	3	7	3	2	5	1	1	2	21-10-2011
							(iii) MF	8	3	11	6	2	8	2		2	
							(iv) LF	1	1	2			0			0	

1	2	3	4				5			6			7			8	
S. No.	Code of MWS	Name of Group	Total no. of UGs				No. of members			No. of SC/ST in each category			No. of BPL in each category			Date of formation of UGs	
			Men	Women	Both	Total	Categories	M	F	Total	M	F	Total	M	F		Total
40	2C1A3g1l	Tilhan UGS	15	5		20	(i) Landless			0			0			0	21-10-2011
							(ii) SF	9	4	13	6	3	9	3	1	4	
							(iii) MF	4	1	5	1		1			0	
							(iv) LF	2		2			0			0	
41	2C1A3g1l	Tilhan UGS	16	4		20	(i) Landless			0			0			0	21-10-2011
							(ii) SF	2	3	5	1	2	3	1	1	2	
							(iii) MF	9	1	10	5		5	2		2	
							(iv) LF	5		5			0			0	
42	2C1A3g1l	Dalhan UGS	16	4		20	(i) Landless			0			0			0	21-10-2011
							(ii) SF	10	2	12	7	2	9	3	1	4	
							(iii) MF	2	2	4	1	1	2	1		1	
							(iv) LF	4		4			0			0	
43	2C1A3g1l	Dalhan UGS	11	9		20	(i) Landless			0			0			0	21-10-2011
							(ii) SF	3	2	5	2	1	3		1	1	
							(iii) MF	7	7	14	3	2	5	1		1	
							(iv) LF	1		1			0			0	
44	2C1A3g1l	Dalhan UGS	14	6		20	(i) Landless			0			0			0	21-10-2011
							(ii) SF	5	2	7	3	2	5	2	1	3	
							(iii) MF	8	3	11	5	2	7	2		2	
							(iv) LF	1	1	2			0			0	
45	2C1A3g1l	Dalhan UGS	15	5		20	(i) Landless			0			0			0	21-10-2011
							(ii) SF	2		2	2		2	1		1	
							(iii) MF	9	4	13	5	1	6	2		2	
							(iv) LF	4	1	5			0			0	
46	2C1A3g1l	Dalhan UGS	19	1		20	(i) Landless			0			0			0	21-10-2011
							(ii) SF	1		1	1		1			0	
							(iii) MF	13	1	14	8		8	2		2	
							(iv) LF	5		5			0			0	
47	2C1A3g1l	Khadyan UGS	18	2		20	(i) Landless			0			0			0	21-10-2011
							(ii) SF	5		5	4		4	2		2	
							(iii) MF	12	1	13	6		6	2		2	
							(iv) LF	1	1	2			0			0	

48	2C1A3g1l	Khadyan UGS	17	3	20	(i) Landless			0			0			0	
						(ii) SF	4		4	3		3	1		1	21-10-2011
						(iii) MF	7	2	9	5		5	2		2	
						(iv) LF	6	1	7			0			0	
49	2C1A3g1l	Khadyan UGS	19	1	20	(i) Landless			0			0			0	
						(ii) SF	4	1	5	4	3	7	2		2	21-10-2011
						(iii) MF	9	4	13	9	5	14	3		3	
						(iv) LF	6	1	7			0			0	
50	2C1A3g1l	Khadyan UGS	8	2	10	(i) Landless			0			0			0	
						(ii) SF	3	2	5	5	2	7	1		1	21-10-2011
						(iii) MF	9		9	5		5			0	
						(iv) LF	7		7			0			0	
51	2C1A3g1l	Khadyan UGS	20	1	21	(i) Landless			0			0			0	
						(ii) SF	4		4	2		2	1		1	21-10-2011
						(iii) MF	9		9	11	3	14	3		3	
						(iv) LF	7	1	8			0			0	
52	2C1A3g1n	Laxman	7	3	10	(i) Landless			0			0			0	
						(ii) SF	3	2	5			0			0	21-10-2011
						(iii) MF	4	1	5			0			0	
						(iv) LF			0			0			0	
53	2C1A3g1n	Yogendra	10		10	(i) Landless			0			0	3		3	
						(ii) SF	8		8			0			0	21-10-2011
						(iii) MF			0			0			0	
						(iv) LF	2		2			0			0	
54	2C1A3g1n	Ramsajeevan	9	3	12	(i) Landless			0			0			0	
						(ii) SF	6	2	8	2	1	3	3	1	4	21-10-2011
						(iii) MF	3	1	4			0			0	
						(iv) LF			0			0			0	
55	2C1A3g1n	SUNDARLAL	12	2	14	(i) Landless			0	2	1	3	4	1	5	
						(ii) SF	6		6			0			0	21-10-2011
						(iii) MF	3	2	5			0			0	
						(iv) LF	3		3			0			0	
56	2C1A3g1n	Ram Avtar	15	2	17	(i) Landless			0	2	1	3	10	1	11	
						(ii) SF	11	2	13			0			0	21-10-2011
						(iii) MF	2		2			0			0	
						(iv) LF	2		2			0			0	

57	2C1A3g1n	Ram Kripal	16	3	19	(i) Landless			0			0			0	
						(ii) SF	13	3	16	3	1	4	12	2	14	21-10-2011
						(iii) MF	2		2			0			0	
						(iv) LF	1		1			0			0	
58	2C1A3g1n	Ram Newaz	9	1	10	(i) Landless			0			0			0	
						(ii) SF	5	1	6	2	1	3	4	1	5	21-10-2011
						(iii) MF	1		1			0			0	
						(iv) LF	3		3			0			0	
59	2C1A3g1n	Sant Ram	12		12	(i) Landless			0			0			0	
						(ii) SF	4		4	4		4	4		4	21-10-2011
						(iii) MF	5		5			0			0	
						(iv) LF	3		3			0			0	
60	2C1A3g1n	Saheb Deen	6	4	10	(i) Landless			0			0			0	
						(ii) SF	1	2	3	2	1	3	1	2	3	21-10-2011
						(iii) MF	5	2	7			0			0	
						(iv) LF			0			0			0	
61	2C1A3g1n	Badaluwa	11	1	12	(i) Landless			0			0			0	
						(ii) SF	9	1	10	2	1	3	8	1	9	21-10-2011
						(iii) MF	1		1			0			0	
						(iv) LF	1		1			0			0	
62	2C1A3g1n	Sankar	9	2	11	(i) Landless			0			0			0	
						(ii) SF	6		6	2	1	3	5	1	6	21-10-2011
						(iii) MF	1	2	3			0			0	
						(iv) LF	2		2			0			0	
63	2C1A3g1n	Raja Ram	11	2	13	(i) Landless			0			0			0	
						(ii) SF	2	2	4			0	2	2	4	21-10-2011
						(iii) MF	5		5			0			0	
						(iv) LF	4		4			0			0	
64	2C1A3g1n	Mahendra Pratap	8	2	10	(i) Landless			0			0			0	
						(ii) SF	4		4			0			0	21-10-2011
						(iii) MF	3	2	5			0			0	
						(iv) LF	1		1			0			0	
65	2C1A3g1n	Ram Manohar	13		13	(i) Landless			0			0			0	
						(ii) SF	7		7			0	5		5	21-10-2011
						(iii) MF	2		2			0			0	
						(iv) LF	4		4			0			0	

66	2C1A3g1n	Ram Sajeevan	10			10	(i) Landless			0			0			0	
							(ii) SF	3		3			0	3		3	21-10-2011
							(iii) MF	7		7			0			0	
							(iv) LF			0			0			0	
67	2C1A3g1n	Neeraj	14	1		15	(i) Landless			0	1		1	4		4	
							(ii) SF	5		5			0			0	21-10-2011
							(iii) MF	6	1	7			0			0	
							(iv) LF	3		3			0			0	
68	2C1A3g1n	Bhunda	10			10	(i) Landless			0			0			0	
							(ii) SF	3		3	2		2	3		3	21-10-2011
							(iii) MF	1		1			0			0	
							(iv) LF	6		6			0			0	
69	2C1A3g1n	Man Mohan	12	1		13	(i) Landless			0			0			0	
							(ii) SF	3		3	3		3	3		3	21-10-2011
							(iii) MF	4		4			0			0	
							(iv) LF	5	1	6			0			0	
70	2C1A3g1n	Badku	9	1		10	(i) Landless			0			0			0	
							(ii) SF	3		3	2		2	3		3	21-10-2011
							(iii) MF	5	1	6			0			0	
							(iv) LF	1		1			0			0	
71	2C1A3g1n	Prakash	12	1		13	(i) Landless			0			0			0	
							(ii) SF	9	1	10	3		3	8	1	9	21-10-2011
							(iii) MF	2		2			0			0	
							(iv) LF	1		1			0			0	
72	2C1A3g1n	Ghyan Shyam	8	2		10	(i) Landless			0			0			0	
							(ii) SF	2		2	3		3	2		2	21-10-2011
							(iii) MF	3	1	4			0			0	
							(iv) LF	3	1	4			0			0	
73	2C1A3g1n	Shiv Kumar	11	2		13	(i) Landless			0			0			0	
							(ii) SF	2		2	2		2	2		2	21-10-2011
							(iii) MF	6		6			0			0	
							(iv) LF	3	1	4			0			0	
74	2C1A3g1n	Dayali	10	1		11	(i) Landless			0			0			0	
							(ii) SF	2		2	2		2	4		4	21-10-2011
							(iii) MF	6		6			0			0	
							(iv) LF	3	1	4			0			0	

75	2C1A3g1n	Raju	13			13	(i) Landless			0			0		0		
							(ii) SF	4		4	3		3	4		4	21-10-2011
							(iii) MF	6		6			0			0	
							(iv) LF	3		3			0			0	
76	2C1A3g1n	Jai Lal	11			11	(i) Landless			0			0		0		
							(ii) SF	10		10			0			0	21-10-2011
							(iii) MF			0			0			0	
							(iv) LF	1		1			0			0	
77	2C1A3g1n	Ram Saran	12	1		13	(i) Landless			0			0		0		
							(ii) SF	4		4	2		2	4		4	21-10-2011
							(iii) MF	3		3			0			0	
							(iv) LF	5	1	6			0			0	
78	2C1A3g1e	Savita UGS			10	10	(i) Landless			0			0		0		
							(ii) SF	6	1	7	2		2	4		4	21-10-2011
							(iii) MF			0			0			0	
							(iv) LF	2	1	3	1		1			0	
79	2C1A3g1e	Dev Nath UGS			10	10	(i) Landless			0			0		0		
							(ii) SF	8	2	10	3	1	4	2		2	21-10-2011
							(iii) MF			0			0			0	
							(iv) LF			0			0			0	
80	2C1A3g1e	Chote Lal UGS			10	10	(i) Landless			0			0		0		
							(ii) SF	9	1	10	4	1	5	3		3	21-10-2011
							(iii) MF			0			0			0	
							(iv) LF			0			0			0	
81	2C1A3g1e	Raghunath UGS			10	10	(i) Landless			0			0		0		
							(ii) SF	9	1	10	4		4	3		3	21-10-2011
							(iii) MF			0			0			0	
							(iv) LF			0			0			0	
82	2C1A3g1e	Munnu UGS	9	1		10	(i) Landless			0			0		0		
							(ii) SF	9	1	10	5		5	4		4	21-10-2011
							(iii) MF			0			0			0	
							(iv) LF			0			0			0	
83	2C1A3g1e	Harish Chandra UGS	8	2		10	(i) Landless			0			0		0		
							(ii) SF	7	2	9	3	1	4	4		4	21-10-2011
							(iii) MF	1		1			0			0	
							(iv) LF			0			0			0	

84	2C1A3g1e	Kishun UGS	7	3	10	10	(i) Landless			0			0			0	
							(ii) SF	7	1	8	4	1	5	2		2	21-10-2011
							(iii) MF		2	2		1	1			0	
							(iv) LF			0			0			0	
85	2C1A3g1e	Jai Kisan UGS			20	20	(i) Landless			0			0			0	
							(ii) SF	9	5	14	6	3	9	7	4	11	21-10-2011
							(iii) MF	4	1	5	3	1	4			0	
							(iv) LF	1		1	1		1			0	
86	2C1A3g1e	Jai Bajrang UGS			20	20	(i) Landless			0			0			0	
							(ii) SF	4	5	9	2	5	7	4	5	9	21-10-2011
							(iii) MF	11		11	8		8	4		4	
							(iv) LF			0			0			0	
87	2C1A3g1e	Mu. Gauri UGS			20	20	(i) Landless			0			0			0	
							(ii) SF	3	5	8	2	1	3	2	2	4	21-10-2011
							(iii) MF	9	3	12	9	3	12	6	2	8	
							(iv) LF			0			0			0	
88	2C1A3g1e	Chota UGS			20	20	(i) Landless			0			0			0	
							(ii) SF	11	5	16	10	5	15	8	3	11	21-10-2011
							(iii) MF	3		3	3		3	1		1	
							(iv) LF	1		1	1		1			0	
89	2C1A3g1e	Kunti UGS			20	20	(i) Landless			0			0			0	
							(ii) SF	9	9	18	2	5	7	7	5	12	21-10-2011
							(iii) MF	2		2	1		1	1		1	
							(iv) LF			0			0			0	
90	2C1A3g1e	Ramjeet UGS			20	20	(i) Landless			0			0			0	
							(ii) SF	12	1	13	4		4	4		4	21-10-2011
							(iii) MF	6		6	4		4	2		2	
							(iv) LF	1		1	1		1			0	
91	2C1A3g1e	Nanku UGS			20	20	(i) Landless			0			0			0	
							(ii) SF	12	2	14	4		4	3		3	21-10-2011
							(iii) MF	4	2	6	2	1	3	1		1	
							(iv) LF			0			0			0	
92	2C1A3g1e	Bhonda UGS			20	20	(i) Landless			0			0			0	
							(ii) SF	10	3	13	8	3	11	5	3	8	21-10-2011
							(iii) MF	3		3	2		2	2		2	
							(iv) LF	4		4			0			0	

93	2C1A3g1e	Rammilan UGS			20	20	(i) Landless			0			0			0	
							(ii) SF	13	1	14	1		1	3		3	21-10-2011
							(iii) MF	4	1	5	2	1	3	2	1	3	
							(iv) LF	1		1	1		1			0	
94	2C1A3g1e	Jai Kishor UGS			20	20	(i) Landless			0			0			0	
							(ii) SF	16	2	18	2		2	8	1	9	21-10-2011
							(iii) MF	2		2	2		2			0	
							(iv) LF			0			0			0	
95	2C1A3g1e	Santosh UGS			20	20	(i) Landless			0			0			0	
							(ii) SF	12	1	13	1		1	3	1	4	21-10-2011
							(iii) MF	6	1	7	2		2			0	
							(iv) LF			0			0			0	
96	2C1A3g1e	Sadashiv UGS			10	10	(i) Landless			0			0			0	
							(ii) SF	7	1	8	7	1	8	5	1	6	21-10-2011
							(iii) MF			0			0			0	
							(iv) LF	2		2	1		1			0	
97	2C1A3h2e	Dalhan UGS	10			10	(i) Landless			0			0			0	
							(ii) SF	4		4	4		4	1		1	21-10-2011
							(iii) MF	3		3	3		3	1		1	
							(iv) LF	3		3	3		3			0	
98	2C1A3h2e	Tilhan UGS	14	1		15	(i) Landless			0			0			0	
							(ii) SF	11	1	12	6	1	7	2		2	21-10-2011
							(iii) MF			0			0			0	
							(iv) LF	3		3			0			0	
99	2C1A3h2e	Tilhan UGS	11			11	(i) Landless			0			0			0	
							(ii) SF	7		7	6		6	2		2	21-10-2011
							(iii) MF	1		1			0			0	
							(iv) LF	3		3	2		2			0	
100	2C1A3h2e	Khadyan UGS	13	1		14	(i) Landless			0			0			0	
							(ii) SF	8	1	9	5	1	6	3		3	21-10-2011
							(iii) MF	2		2	2		2			0	
							(iv) LF	3		3	2		2			0	
101	2C1A3h2e	Khadyan UGS	8	2		10	(i) Landless			0			0			0	
							(ii) SF	3	1	4			0	1		1	21-10-2011
							(iii) MF	2		2			0			0	
							(iv) LF	3	1	4			0			0	

102	2C1A3h2e	Tilhan UGS	10	1	11	(i) Landless			0			0			0	
						(ii) SF	6	1	7	6	1	7	3		3	21-10-2011
						(iii) MF	3		3	2		2			0	
						(iv) LF	1		1			0			0	
103	2C1A3h2e	Tilhan UGS	10		10	(i) Landless			0			0			0	
						(ii) SF	8		8	3		3	1		1	21-10-2011
						(iii) MF			0			0			0	
						(iv) LF	2		2	1		1			0	
104	2C1A3h2e	Dalhan UGS	10	1	11	(i) Landless			0			0			0	
						(ii) SF	8	1	9	8	1	9	2		2	21-10-2011
						(iii) MF			0			0			0	
						(iv) LF	2		2			0			0	
105	2C1A3h2e	Tilhan UGS	13	4	17	(i) Landless			0			0			0	
						(ii) SF	7	2	9	1	1	2	3		3	21-10-2011
						(iii) MF	2	1	3			0			0	
						(iv) LF	4	1	5			0			0	
106	2C1A3g1h	Bhagwan UGS	10		10	(i) Landless			0			0			0	
						(ii) SF			0			0			0	21-10-2011
						(iii) MF	8		8			0	1		1	
						(iv) LF	1		1			0			0	
107	2C1A3g1h	Bholanath UGS	9	1	10	(i) Landless			0			0			0	
						(ii) SF			0			0			0	21-10-2011
						(iii) MF	6	1	7			0	1		1	
						(iv) LF	3	3	6			0			0	
108	2C1A3g1h	Shivshanker	11		11	(i) Landless			0			0			0	
						(ii) SF			0			0			0	21-10-2011
						(iii) MF	3		3			0			0	
						(iv) LF	8		8			0			0	
109	2C1A3g1h	Bhaurabh Baba	9	1	10	(i) Landless			0			0			0	
						(ii) SF			0			0			0	21-10-2011
						(iii) MF	1	1	2			0			0	
						(iv) LF	8		8			0			0	
110	2C1A3g1h	Makendra BABA	10	3	13	(i) Landless			0			0			0	
						(ii) SF			0			0			0	21-10-2011
						(iii) MF	8	3	11			0			0	
						(iv) LF	2		2			0			0	

111	2C1A3g1h	Dindyal	11	1	12	(i) Landless			0			0			0	
						(ii) SF	2		2	2		2	1		1	21-10-2011
						(iii) MF	8	1	9	3		3			0	
						(iv) LF	1		1			0			0	
112	2C1A3g1h	Kanshiram	17		17	(i) Landless			0			0			0	
						(ii) SF	10		10	10		10	7		7	21-10-2011
						(iii) MF	7		7	7		7	3		3	
						(iv) LF			0			0			0	
113	2C1A3g1h	Paranu Baba	15		15	(i) Landless			0			0			0	
						(ii) SF	6		6	6		6	5		5	21-10-2011
						(iii) MF	9		9	9		9	4		4	
						(iv) LF			0			0			0	
114	2C1A3g1h	Om	10	1	11	(i) Landless			0			0			0	
						(ii) SF	3	1	4	3	1	4	3	1	4	21-10-2011
						(iii) MF	7		7	6		6	6		6	
						(iv) LF			0			0			0	
115	2C1A3g1h	Shivram	12	2	14	(i) Landless			0			0			0	
						(ii) SF	2	1	3			0	1		1	21-10-2011
						(iii) MF	7	1	8			0			0	
						(iv) LF	3		3			0			0	
116	2C1A3g1h	Tilhan UGS	15	2	17	(i) Landless			0			0			0	
						(ii) SF	2		2			0			0	21-10-2011
						(iii) MF	11	2	13			0			0	
						(iv) LF	2		2			0			0	

**Table 4.8: Details of Formation of User Groups (UGs)**

S. No.	Code of MWS	Name of village	Name of group	Date of constitution	Name of Adhyaksh	Name of Sachiv	Total No. of Members				Name of Bank and Address	A/C No. & Date	Up to date Saving Rs.	Group activities	Status of User Agreement
							Wo-men	Sc/St	Other	Total					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	2C1A3g2h	Bambiya	Dalhan	22.10.11	Ramkripal	Ram Kishor			19	19	TGB Manikpur			Khadyan Utpadan	
2					Shiv Prasad	Ram Swarup		7	14	21					
3			Tilhan		Bhaiya lal	Krishna Gopal	2		18	20					
4					Ram lakhan	Ram Autar	2		18	20					
5			Dalhan		Anil	Prem Narayan	1	1	18	20					
6					Pyare lal	Ram Kishor	3	4	13	20					
7					Daya Ram	Moti lal	1	6	13	20					
8					Kaushal kishor	Vishmbhar	3	1	22	26					
9	2C1A3g2f	Itwa Dudaila	Maa Kali	22.10.11	Ganga	Devraj	2		8	10	TGB Manikpur			Khadyan Utpadan	
10			Dalhan		Devnath	Ramnath			15	15					
11					Bhagwandas	Dadhuli	1		14	15					
12					Bhairam	Prem Narayan			15	15					
13					Indrajeet	Kallu			15	15					
14					Mahipal	Shivpal		15		15					
15					Lalln	Raja Bhaiya		15		15					
16					Rajuua	Babu		7	3	10					
17	2C1A3g1j	Tikariya Jamunihai	Tilhan	1.06.12	Ramchandra	Shivsambat	5	15		20					
18					Ram Bihari	Ramlal	5	15		20					
19					Jagnnath	Mathura	7	13		20					
20					Ramsurat	Raj Gopal	5	15		20					
21					Ram Sajivan	Mailprasad	4	16		20					
22			Dalhan		Ram Prasad	Premlal	4	16		20					
23					Mohan	Sripal	9	11		20					
24					Madan Gopal	Rambharosa	6	14		20					
25					Dwarika	Harishchandra	5	15		20					
26					Hemraj	Gorishankar	1	19		20					
27					Khadyan	Shital	Mahesh Prasad	2	18		20				
28						Raj Gopal	Jivanlal	3	17		20				
29						Ragunandan	Ramautar	1	19		20				
30						Brijgopal	Jagdish	2	8		10				
31	Ramdev	Gajraj	1	20			21								

32	2C1A3g1j	Bheda	Tilhan	21.10.11	Jivan lal	Santosh Kumar	1	23	1	25	I. U.P.G. Bank Markundi			Tilhan Utpadan				
33	2C1A3g1n	Doda-mafee	Santram	21.10.11	Santram	Ramkaran		3	9	12	TGB Manikpur			Khadyan Utpadan				
34			Sahebdin		Sahebdin	Jijiya	4	2	4	10		Dalhan Utpadan						
35			Badluva		Badluva	Basantlal	1	4	7	12		Khadyan Utpadan						
36			Shankar		Shankar	Mangal	2	4	7	13		Dalhan Utpadan						
37			Rajaram		Rajaram	bhaiyalal	2	6	5	13		Khadyan Utpadan						
38			Mangawan		Lakshman	Lakshman	Shivpatiya	3	3	4		10	Khadyan Utpadan					
39		Yogendra			Yogendra	Surajbhan		6	3	9		Dalhan Utpadan						
40		Ram Sajivan			Ram Sajivan	Shivkumari	3	6	3	12		Dalhan Utpadan						
41		Sundarlal			Sundarlal	Budhabilasha	1	3	10	14		Dalhan Utpadan						
42		Tikaria Jamunihai	Ram Autar		Ram Autar	Ram Manohar		5	12	17		Tilhan Utpadan						
43			Ram Kripal		Ram Kripal	munni	4	4	11	19		Tilhan Utpadan						
44			Ramnewaj		Ramnewaj	Indra Kumar	1	2	7	10		Dalhan Utpadan						
45		2C1A3g1n	Doda-mafee		Mahendra Prasad	21.10.11	Mahendra Prasad	Dadua	2	2		6	10	TGB Manikpur			Khadyan Utpadan	
46					Ram Manohar		Ram Manohar	Bhagwandin		5		8	13		Khadyan Utpadan			
47	Ram Sajivan			Ram Sajivan	Kauda			2	8	10	Dalhan Utpadan							
48	Niraj Kumar			Niraj Kumar	Dhiraj Kumar		1	3	11	15	Khadyan Utpadan							
49	Bhunda			Bhunda	Buddi			3	7	10	Khadyan Utpadan							
50	Manmohan			Manmohan	Ramprasad		1	2	10	13	Khadyan Utpadan							
51	Badku			Badku	Jhhalla		1	2	8	11	Dalhan Utpadan							





101			Ram Niranjana		Ram Niranjana	Bhadaeya	1	3	6	10				Khadyan Utpadan				
102		Kusumi	Prem Narayan		Prem Narayan	Beta		5	5	10				Dalhan Utpadan				
103			Purushotam		Purushotam	Vidaeya		6	4	10				Tilhan Utpadan				
104			Vishnukant		Vishnukant	Rambabu		5	5	10				Tilhan Utpadan				
105			Bhadaeya		Bhadaeya	Batoli		4	6	10				Khadyan Utpadan				
106			Ram Prakash		Ram Prakash	Ram Prakash		2	8	10					Khadyan Utpadan			
107			Tulsi		Tulsi	Mahgu		2	8	10						Khadyan Utpadan		
108			Lalji		Lalji	Nathwa		1	9	10							Khadyan Utpadan	
109			Ramdin		Ramdin	Ramdin	3	1	6	10								Khadyan Utpadan
110			Saukhi		Saukhi	hukumdtta		2	8	10				Khadyan Utpadan				
111			Ram Naresh		Ram Naresh	Sundar		7	3	10					Dalhan Utpadan			
112		Itwa Dudaila	Udit Narayan	22.10.11	Udit Narayan	Anil	3	2	5	10					Khadyan Utpadan			
113			Krishna Ghar		Krishna Ghar	Lakshmighar		3	7	10					Khadyan Utpadan			
114	2C1A3g2e	Itwa Dudaila	Jai Bhairm Baba	22.10.11	Gyani	Hiralal	5	5		10	TGB Manikpur							
115			Jai Kali Maa			Darshaeya	Pappu	3	7			10						
116			Jai Maa			Parshuram	Raja	3		7		10						
117			Jai Hanuman			Nathuva	Sundar	4	6			10						
118			Jai Maa Ganga			Chhalghar	Rajesh	5		5		10						
119			Jai Maa Sharda			Satya Narayan	Bihari	3		7		10						
120			Jai Sharda			Rajesh	Brijesh	3	7			10						
121			Jai Maa Sarsvati			Parmeshvar	Ram Shankar	3		7		10						
122			Jai Kamta Nath			Shiv Shankar	Dinkar	2		8		10						
123			Jai Ganga Maa			Kalicharan	Jagatpal			10		10						

124			Jai Durge		Indrajeet	Narayan	7		12	19				
125			Jai Ambe		Rahasya Kishori	Parshuram	5		16	21				
126			Jai Durgavati		Kritika	Babuaa	5		16	21				
127			Jai Kali		Darshaeya	Pappu	8	12		20				
128			Jai Sharda Maa		Satya Narayan	Gihari	8		14	22				
129			Jai Bhairva nath		Rajesh	Brijesh	5	12		17				
130			Jai Hanuman		Ram Darshan	Anusueya	6		15	21				
131			Jai Maa Kali		Prem	kunji Lal	5		16	21				
132			Jai Maa Gange		Shiv Shankar	Chhedilal	1		21	22				
133			Jai Maa Anusueya		Shiv Nath	Rajiv	10		10	20				
134			Jai Maa Sarsvati		Roshan	Mahesh Darshan	6	7		13				
135			Jai Baram baba		Devraj	Devlal	2		11	13				
136			Jai Kuber		Rajkumar	Santosh	4	6		10				
137			Jai Kaleshvar		Bhaiya	Rajmani	4	6		10				
138			Jai Mahadev		Sukauva	Raj Narayan	2	8		10				
139			Jai Mahakal		Nandika	Bholva	10			10				
140	2C1A3g2d	Itwa Dudaila	Jai Parmatma	22.10.11	Betalal	Shyamlal	1	9		10				
141			Jai Bharo		Dadubhai	Pappu		10		10				
142			Jai Parshu Baba		Rajlal	Bachchu		10		10				
143			Jai Sanrang		Rakesh	Dadulal		10		10				
144			Jai Maa Kali		Bahadur	Shalikram			20	20				

145			Jai Paleshshvar		Maheshvari	Daduva			10	10				
146			Jai Kaleshvar		Ramdev	Dayaram	1		9	10				
147	2C1A3g2b	Itwa Dudaila	Jai Hanuman	22.10.11	Roshan	Krishnanand	2		13	15	TGB Manikpur			
148			Jai Ganga ji		Rahasya Bihari	Indrajeet				20		20		
149			Jai Bambhol e		Kunjilal	Prem Sagar	4			13		17		
150			Jai Baram baba		Brijesh	Bitniya	1			14		15		
151			Jai Bhola		Shyam Sunder	Sant Kumar	1			15		16		
152			Jai Kankali		Sankeshan	Rajesh	10			15		15		
153			Jai Sharda		Jai Shankar	Sant Kumar	1			14		15		
154			Jai Jamuna Devi		Kamta Prasad	Dadan				15		15		
155			Jai Kamta Nath		Ram Bahori	Ramkaran				15		15		
156			Jai Maa Kali		Jai Kishor	Lakhan				15		15		
157			Jai Shivsagar		Rajaram	Rajkumar				15		15		
158			Jai Parmeshv ari		Chotelal	Kamlesh				15		15		
159			Jai bhairo Baba		Lalbabu	Avadesh				15		15		
160			Jai Pashupati Nath		Shailendra	Ram Vishvas	1			14		15		
161			Jai Kashi Vishvnath		Atma	Maiyadin	4			11		15		

**Table 4.9: Details of Fund flow of Watershed Committee Accounts**

(Amount in Rs.)

S. No.	Name of MWS with code	Name of watershed committee (WC)	Opening Balance (in lakh)	Deposit			Withdrawal			Interest accrued	Closing balance
				DRDA/ ZP cheque No./date	Amount/ Date of deposit in WC Account	Total amount available in WC Account	Amount withdrawn by Cash/ Cheque	Date of withdrawal	Purpose of withdrawal		
1	2	3	4	5	6	7	8	9	10	11	12
1	All MWS	All WC		Account not opened as yet							

**Convergence in IWMP-XIII, Chitrakoot:** Several Central and State Govt. sponsored programmes are running in the district Chitrakoot. Some of them are listed below.

**Table 4.10: List of Central/State sponsored schemes**

S. No.	Name of Programme	Implementing Agency	Objectives of the Programme
1	Seed Distribution Programme (Pulse Development & ISOPAM)	U.P. Agriculture Deptt.	To increase seed replacement ratio for higher productivity
2	NWPRA	Agriculture Deptt.	To increase soil moisture conservation & ground water recharge
3	RIDF-16	Agriculture Deptt.	To increase soil moisture conservation & ground water recharge
4	Cane Bagain (RVP)	Agriculture Deptt.	To increase soil moisture conservation & ground water recharge

**CHAPTER – 5**  
**MANAGEMENT / ACTION PLAN**

### **ENTRY POINT ACTIVITY (EPA)**

EPA activities are taken up under watershed projects to newly build or repair the already existing structures with the consultation of village community at the beginning of the project; generally, certain important works which are in urgent demand of the local community are taken up. A group Discussion was conducted with watershed Development Committee regarding the EPA activity, it was conveyed to the WC that an amount of Rs. 23.65 Lakhs was allotted for EPA activity, which was 4 per cent of total allocated budget. The villagers discussed various activities which they felt is important but after a brief discussion it was conveyed to them that only those activities can be taken, which revive the common natural resources. It was also taken into priority that there should be an instrument of convergence which will result in sustainability of activities.

**Table 5.1: Entry point activities (EPA), IWMP-XIII, DISTRICT- CHITRAKOOT**

<b>S. No.</b>	<b>MWS Name</b>	<b>MWS Code</b>	<b>Amount Earmarked for EPA</b>	<b>Entry Point Activities</b>	<b>Estimated Cost (Rs. in Lakh)</b>
1	Dodamafee-I	2C1A3g1e	1.18	Water Tank, Well repairing	1.18
2	Amchur Neruwa-I	2C1A3g1h	2.62	Water Tank/ Charahi, Well repairing, construction of Calvert	2.62
3	Amchur Neruwa-II	2C1A3g1j	0.11	Water Tank	0.11
4	Dodamafee-II	2C1A3g1n	2.61	Water Tank/ Charahi, Well repairing, construction of Calvert	2.61
5	Tikariya Jamunihai	2C1A3g1l	3.32	Water Tank/ Charahi, Well repairing, construction of Calvert	3.32
6	Kusumi-I	2C1A3g2a	0.92	Water Tank/ Charahi, Well repairing	0.92
7	Itwa Dudaila-I	2C1A3g2b	3.54	Water Tank/ Charahi, Well repairing, construction of Calvert	3.54
8	Itwa Dudaila-II	2C1A3g2d	2.36	Water Tank/ Charahi, Well repairing, construction of Calvert	2.36
9	Itwa Dudaila-III	2C1A3g2e	2.81	Water Tank/ Charahi, Well repairing, construction of Calvert	2.81
10	Itwa Dudaila-IV	2C1A3g2f	2.51	Water Tank/ Charahi, Well repairing, construction of Calvert	2.51
11	Kusumi -II	2C1A3g2h	1.67	Water Tank, Well repairing	1.67
12	Amchur Neruwa-III	2C1A3h2e	0.79	Water Tank/ Charahi	0.79
<b>Total</b>			<b>23.65</b>		<b>23.65</b>

## **Details of Livelihood Activities in the project area**

During discussions with the village communities by our Livelihood experts, several activities were discussed with them. The main objectives of these discussions were:

- Assure one livelihood option to poor families
- Assured livelihood for at least 300 days in a year
- At least one daily job per family SCs/BPL/ very poor families.

Form SHGs would be imparted skill training on identified Economic Activities and it is proposed to impart them trainings. It is proposed to lend revolving fund of Rs. 25000/- to each SHG/individuals formed in the watershed villages. Since the members from SHGs/landless are very poor, they do not have resources to start micro enterprises. It is envisaged that they should be assisted and given loan of this amount in the shape of Revolving Fund Assistance (RFA) so that they do not get trapped by money lenders. Funds thus given on loan are recoverable from SHGs/individuals in easy installments. It is also proposed to impart skill training to at least 10 unemployed youth from each village and give them trainings of their choice so that they establish some small enterprises. It is further proposed to give them interest free loan of Rs. 12000/- each as Revolving Fund Assistance (RFA) to meet their urgent needs of funds for establishing micro enterprises. Such funds recovered could either be back to SHGs/ individuals so some other SHGs/ individuals depending upon assessment of their respective needs. It is proposed to form 2 SHGs in each village and identify at least 10 youths in each village for imparting training and giving Revolving Fund.

Activities that is likely to be taken up by SHGs/ individuals

**Table 5.2:- LIVELIHOOD ACTION PLAN**

Amount in Lacs

**Details of Gram Panchayat Wise Distribution of funds in Livelihood Activities**

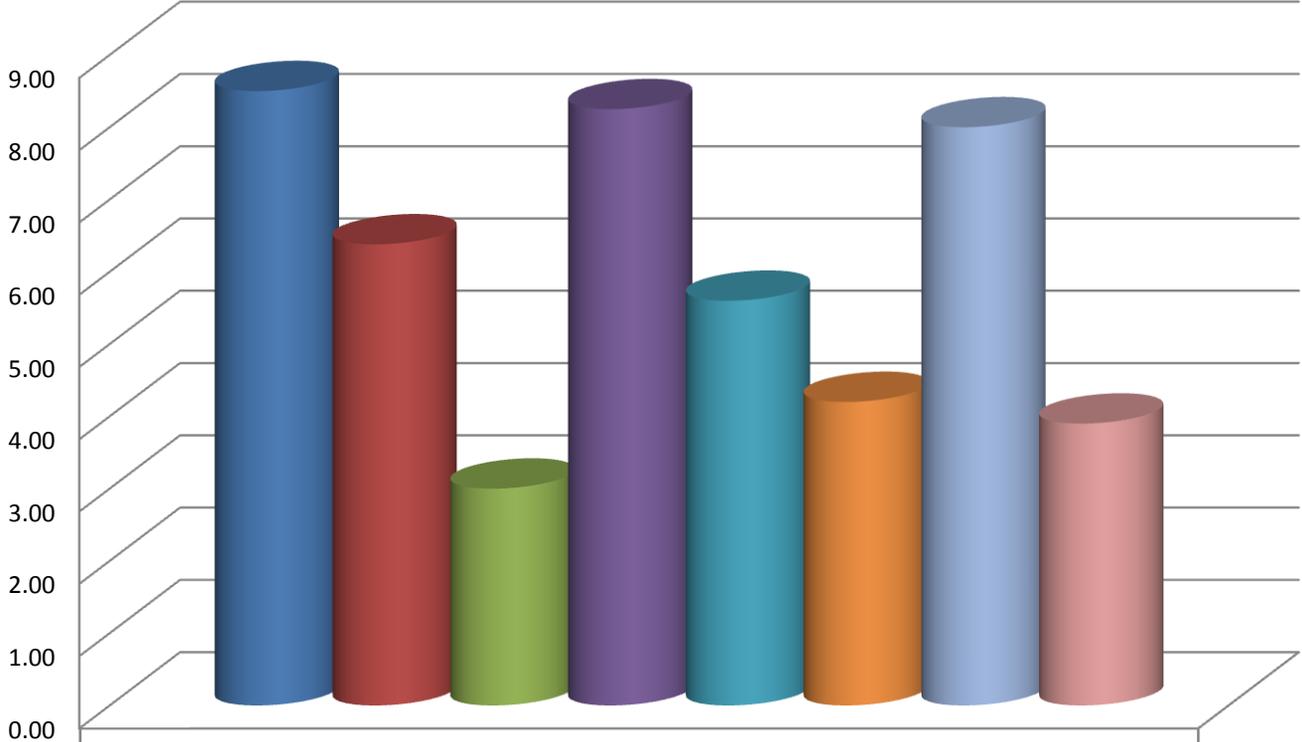
S. No.	Gram Panchayat	Total Amount	Livelihood Activities 9% of the Total project Cost				
			2011-12	2012-13	2013-14	2014-15	Total
1	Amchur Neruwa	7.35	0.77	3.49	3.09	0.00	<b>7.35</b>
2	Dodamafee	8.58	1.10	3.99	3.49	0.00	<b>8.58</b>
3	Itawa Dudaila	7.92	0.82	3.09	4.01	0.00	<b>7.92</b>
4	Bambia	8.03	0.80	3.99	3.24	0.00	<b>8.03</b>
5	Mangawan	7.65	0.85	3.09	3.71	0.00	<b>7.65</b>
6	Tikaria Jamunihai	8.30	0.97	3.59	3.74	0.00	<b>8.30</b>
	<b>Total</b>	<b>47.83</b>	<b>5.31</b>	<b>21.24</b>	<b>21.28</b>	<b>0.00</b>	<b>47.83</b>

Total allocation of the fund in this activity is Rs. 53.21 lacs, out of which an action plan gram Panchayat wise have been prepared for Rs. 47.83 lacs, as per the requirement of the project area Rs. 5.38 lacs would be in corporate in the above plan later.

**Table 5.3: Details of Livelihood activities in the project area, IWMP-XIII,  
DISTRICT-Chitrakoot**

S. No.	Gram Panchayat	General Merchant Shop					Goat Rearing					Poultry					Dairy				
		2011-12	2012-13	2013-14	2014-15	Total	2011-12	2012-13	2013-14	2014-15	Total	2011-12	2012-13	2013-14	2014-15	Total	2011-12	2012-13	2013-14	2014-15	Total
1	Amchur Neruwa		3	2		5	1	2	2		5	1	2	1		4	1	2	2		5
2	Dodamafee	1	3	3		7		2	2		4		2	2		4	1	3	2		6
3	Itawa Dudaila	1	2	3		6	1	2	3		6		1	1		2		2	2		4
4	Bambia		3	2		5		2	2		4	1	2	2		5	1	3	2		6
5	Mangawan	1	2	3		6		2	3		5		1	2		3	1	2	2		5
6	Tikaria Jamunihai	1	2	2		5	1	2	2		5		1	1		2	1	3	3		7
	<b>Total</b>	<b>4</b>	<b>15</b>	<b>15</b>	<b>0</b>	<b>34</b>	<b>3</b>	<b>12</b>	<b>14</b>	<b>0</b>	<b>29</b>	<b>2</b>	<b>9</b>	<b>9</b>	<b>0</b>	<b>20</b>	<b>5</b>	<b>15</b>	<b>13</b>	<b>0</b>	<b>33</b>
S. No.	Gram Panchayat	Sewing					Dona Pattla					Weaving					Black Smithy				
		2011-12	2012-13	2013-14	2014-15	Total	2011-12	2012-13	2013-14	2014-15	Total	2011-12	2012-13	2013-14	2014-15	Total	2011-12	2012-13	2013-14	2014-15	Total
1	Amchur Neruwa		2	2		4	1	2	2		5		2	2		4		2	2		4
2	Dodamafee	1	2	2		5		2	2		4	1	3	2		6	1	2	2		5
3	Itawa Dudaila	1	2	3		6	1	2	2		5		2	3		5		2	2		4
4	Bambia		2	2		4		2	2		4	1	3	2		6	1	2	2		5
5	Mangawan	1	2	2		5	1	2	2		5		2	2		4		2	2		4
6	Tikaria Jamunihai		2	2		4		2	3		5	1	3	3		7		2	2		4
	<b>Total</b>	<b>3</b>	<b>12</b>	<b>13</b>	<b>0</b>	<b>28</b>	<b>3</b>	<b>12</b>	<b>13</b>	<b>0</b>	<b>28</b>	<b>3</b>	<b>15</b>	<b>14</b>	<b>0</b>	<b>32</b>	<b>2</b>	<b>12</b>	<b>12</b>	<b>0</b>	<b>26</b>

### Activity Wise Distribution of funds in Livelihood



	Amount in lacs
■ General Merchant Shop	8.50
■ Goat Rearing	6.38
■ Poultry	3.00
■ Dairy	8.25
■ Sewing	5.60
■ Dona Pattla	4.20
■ Weaving	8.00
■ Black Smithy	3.90

**ACTIVITIES RELATED TO SHGs:** Activities relating to income generation have been identified after several discussions with village communities. However final discussion in this regard will be taken after SHGs matures for 1st grading. Some of the activities identified are as under:

<b>Name of Activity</b>	<b>Unit Cost (Rs. In Lacs)</b>
General Merchant Shop	0.25
Goat Rearing	0.22
Poultry	0.15
Dairy	0.25
Sewing	0.20
Dona Pattla	0.15
Weaving	0.25
Black Smithy	0.15

There appears to be great potential for these activities and these activities are likely to generate income of Rs.2000/- to Rs.2500/- per member/per month. However no activities would be forced upon any SHGs and they would be free to decide the activity they would like to opt for their additional income. Based on their choice, Project report for the specified activity would be prepared and revolving fund of Rs.20000/ Rs.25000/- per SHG would be given for running their respective micro enterprise. If need arises for more funds for their Income Generation Activities at later stage, they would be assisted in getting loan from banks. SHGs thus formed would be provided all possible assistance to uplift for their Socio-Economic upliftment.

The following table gives expected income likely to be generated by SHGs:

## FARM PRODUCTION SYSTEM (10%)

**Table 5.4: GRAM PANCHAYAT WISE FINANCIAL BREAK UP OF PRODUCTION & MICRO ENTERPRISES, IWMP-XIII, DISTRICT- CHITRAKOOT**

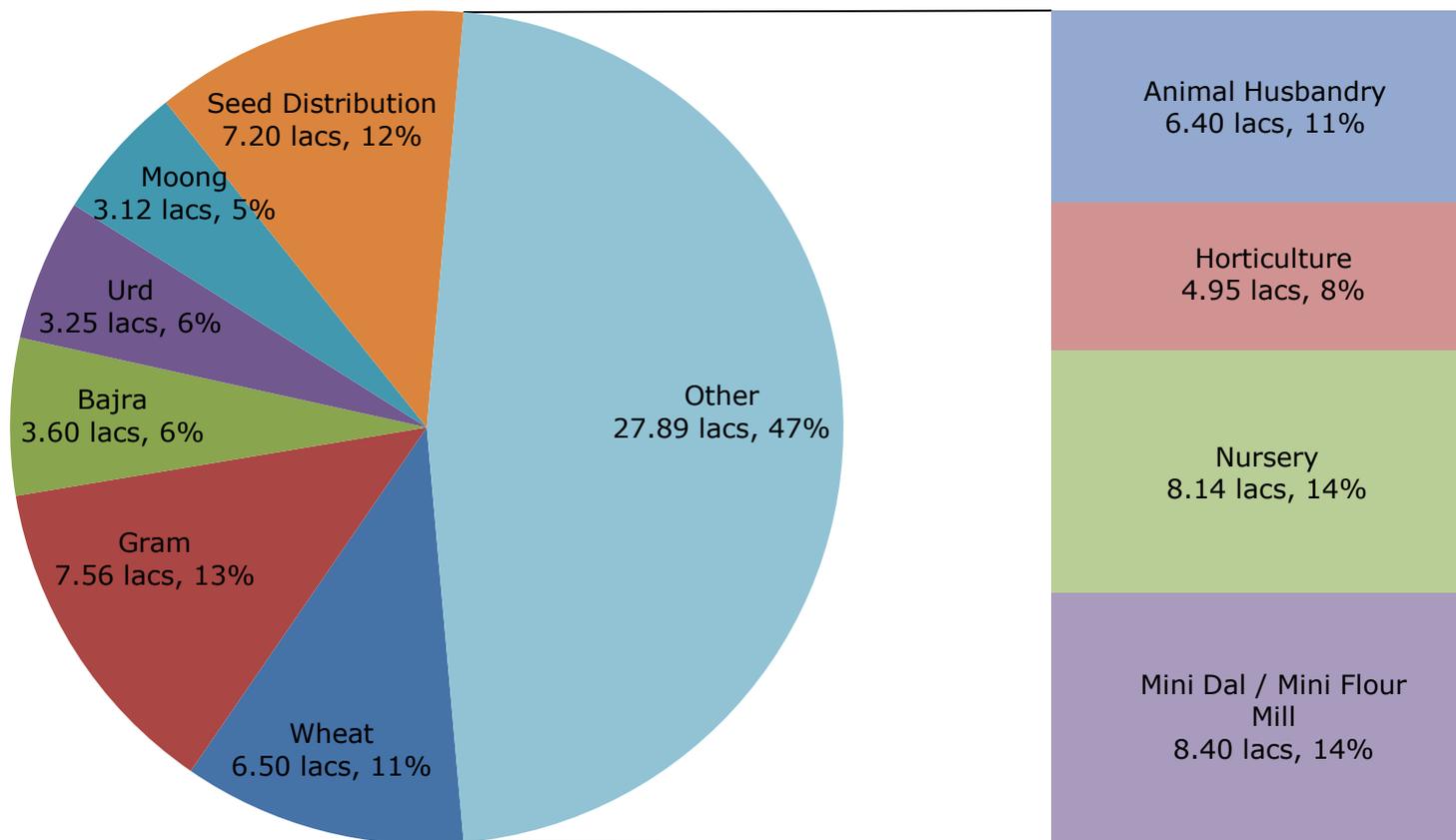
Amount in Lacs

S. No.	Gram Panchayat	Total Amount	Production System & Microenterprises 10% of the Total Project Cost				
			2011-12	2012-13	2013-14	2014-15	Total
1	Amchur Neruwa	9.83	1.06	4.52	4.26	0.00	<b>9.83</b>
2	Dodamafee	10.07	1.27	4.58	4.22	0.00	<b>10.07</b>
3	Itawa Dudaila	9.71	0.65	4.58	4.49	0.00	<b>9.71</b>
4	Bambia	8.77	0.95	4.38	3.44	0.00	<b>8.77</b>
5	Mangawan	10.05	0.91	4.28	4.86	0.00	<b>10.05</b>
6	Tikaria Jamunihai	10.69	1.07	4.28	5.34	0.00	<b>10.69</b>
	<b>Total</b>	<b>59.12</b>	<b>5.91</b>	<b>26.60</b>	<b>26.61</b>	<b>0.00</b>	<b>59.12</b>

**Table 5.5: DETAILS OF PRODUCTION SYSTEM & MICRO ENTERPRISES ACTIVITIES AT  
GLANCE UNDER IWMP-XIII, DISTRICT - CHITRAKOOT**

S. No.	Gram Panchayat	CROP DEMONSTRATION																								
		Wheat					Gram					Bajra					Urd					Moong				
		2011-12	2012-13	2013-14	2014-15	Total	2011-12	2012-13	2013-14	2014-15	Total	2011-12	2012-13	2013-14	2014-15	Total	2011-12	2012-13	2013-14	2014-15	Total	2011-12	2012-13	2013-14	2014-15	Total
1	Amchur Neruwa	1	5	3		9	1	3	3		7	1	4	3		8	1	4	3		8		5	3		8
2	Dodamafee	1	3	5		9	1	3	4		8	1	5	3		9	1	5	3		9	1	4	3		8
3	Itawa Dudaila		4	3		7	1	4	3		8		4	4		8	1	4	3		8	1	5	2		8
4	Bambia	1	3	3		7		3	3		6	1	5	3		9	1	5	3		9	1	4	3		8
5	Mangawan	1	4	4		9	1	3	4		8		4	3		7		4	3		7	1	5	2		8
6	Tikaria Jamunihai	1	3	5		9	1	4	3		8	1	4	4		9	1	5	3		9	1	4	3		8
	<b>Total</b>	<b>5</b>	<b>22</b>	<b>23</b>	<b>0</b>	<b>50</b>	<b>5</b>	<b>20</b>	<b>20</b>	<b>0</b>	<b>45</b>	<b>4</b>	<b>26</b>	<b>20</b>	<b>0</b>	<b>50</b>	<b>5</b>	<b>27</b>	<b>18</b>	<b>0</b>	<b>50</b>	<b>5</b>	<b>27</b>	<b>16</b>	<b>0</b>	<b>48</b>
S. No.	Gram Panchayat	ANIMAL HUSBANDRY (in nos.)					HORTICULTURE (Area in ha.)					NURSURY (in nos.)					SEED DISTRIBUTION (in nos.)					Mini Dal / Mini Flour Mill (in nos.)				
		2011-12	2012-13	2013-14	2014-15	Total	2011-12	2012-13	2013-14	2014-15	Total	2011-12	2012-13	2013-14	2014-15	Total	2011-12	2012-13	2013-14	2014-15	Total	2011-12	2012-13	2013-14	2014-15	Total
		1	Amchur Neruwa	1	3	3		7		3	2		5	1	2	3		6	1	3	2		6		1	2
2	Dodamafee	1	2	2		5	1	2	3		6	1	2	2		5	1	2	3		6		3	1		4
3	Itawa Dudaila		2	3		5	1	3	2		6		3	4		7	1	3	2		6		1	2		3
4	Bambia	1	2	2		5		2	2		4	1	2	2		5	1	3	2		6		2	1		3
5	Mangawan	1	2	2		5	1	2	3		6		4	4		8	1	2	3		6		1	2		3
6	Tikaria Jamunihai		2	3		5	1	2	3		6	1	2	3		6	1	2	3		6		2	3		5
	<b>Total</b>	<b>4</b>	<b>13</b>	<b>15</b>	<b>0</b>	<b>32</b>	<b>4</b>	<b>14</b>	<b>15</b>	<b>0</b>	<b>33</b>	<b>4</b>	<b>15</b>	<b>18</b>	<b>0</b>	<b>37</b>	<b>6</b>	<b>15</b>	<b>15</b>	<b>0</b>	<b>36</b>	<b>0</b>	<b>10</b>	<b>11</b>	<b>0</b>	<b>21</b>

### Activity Wise Distribution of funds in Production System & Micro Interprises



**Approx Rate:** - Wheat @ Rs. 13000/ha, Gram @ Rs.16800/ha, Bajra @ Rs. 7200/ha, Urd @ Rs. 6500/ha, Moong @ Rs. 6500/ha, Seed Distribution @ Rs. 20000/-, Horticulture toolkit @ Rs. 15000/- and Nursery @ Rs. 22000/- , Animal Husbandry @ Rs. 20000/-, Mini Dal / Mini Flour Mill @ Rs. 40000/-.

The above action plan has been prepared according to the need and resources available in the project area. Individual activity fund distribution has been made the details would be given beneficiary wise in the project file. Demonstration of crop, animal husbandry camp distribution of sheed and plantation of fruit trees are the essential requirement of the project area. Therefore the above plan has been constituted according to the aforesaid activity and the funds were allocated as per the norms.

### **MAJOR PROBLEMS OF THE WATERSHEDS**

- Moisture stress-Drought conditions
- Erosion hazard
- Excess runoff.
- Land degradation
- Low fertility of soil
- Ground water depletion/Low ground water table, poor quality of groundwater
- Low cropping intensity
- Lack of technical knowledge
- Lack of irrigation facilities
- Low productivity of crops
- Low availability of drinking water for human as well as animals
- Overgrazing

- Poor vegetative cover
- Poor/low productive breeds of milch animals
- Lower milk production
- Lack of feed & fodder availability
- Non availability of wood/fuel
- Lack of proper market facilities
- Lack of educational, transportation, medical & health care facilities
- Low wages
- Small land holdings
- Low income of the households
- Lack of employment opportunity.
- Migration from the project area.

An annual action plan for the entire activity of the project according to availability of budget has been proposed for the annual schedule from 2011-12 to 2014-15. The details given below.

**Table 5.6: Gram Panchayat wise Breakup of Watershed Development Work, Livelihood and Production System & Micro Enterprise**

S. No.	Name of MWS with Code	Gram Panchayat	Treatable Area	Watershed Development Work (56%)	Livelihood (9%)	Production System (10%)	Total
1	2C1A3g1h, 2C1A3g1j, 2C1A3h2e	Amchur Neruwa	621.600	41.77	7.35	9.83	58.95
2	2C1A3g1e, 2C1A3g1n	Dodamafee	622.390	41.82	8.58	10.07	60.47
3	2C1A3g2a, 2C1A3g2b, 2C1A3g2d, 2C1A3g2e, 2C1A3g2f	Itawa Dudaila	2188.422	147.06	7.92	9.71	164.69
4	2C1A3g2a, 2C1A3g2f, 2C1A3g2h	Bambia	523.360	35.17	8.03	8.77	51.97
5	2C1A3g1e, 2C1A3g1n	Mangawan	93.653	6.29	7.65	10.05	24.00
6	2C1A3g1h, 2C1A3g1n, 2C1A3g1l	Tikaria Jamunihai	877.525	58.97	8.30	10.69	77.96
	<b>Total</b>		<b>4926.950</b>	<b>331.09</b>	<b>47.83</b>	<b>59.12</b>	<b>438.04</b>

Total allocation of the fund in this activity is Rs. 53.21 lacs, out of which an action plan Gram Panchayat wise have been prepared for Rs. 47.83 lacs, as per the requirement of the project area Rs. 5.38 lacs would be in corporate in the above plan later.

## ANNUAL ACTION PLAN of IWMP-XIII CHITRAKOOT

### Table 5.7: Physical & Financial Break up of Watershed Development Works

Fin in Lacs, Phy in ha

MWS Code	Gram Panchayat	Activity	Target as AAP									
			2011-12		2012-13		2013-14		2014-15		Total	
			Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy
Dodamafee-I 2C1A3g1e Amchur Neruwa-I 2C1A3g1h Amchur Neruwa-II 2C1A3g1j Dodamafee-II 2C1A3g1n Tikariya Jamunihai 2C1A3g1l Kusumi-I 2C1A3g2a Itwa Dudaila-I 2C1A3g2b Itwa Dudaila-II 2C1A3g2d Itwa Dudaila-III 2C1A3g2e Itwa Dudaila-IV 2C1A3g2f Kusumi -II 2C1A3g2h Amchur Neruwa-III 2C1A3h2e	Amchur Neruwa Dodamafee Itwa Dudaila Bambia Mangawan Tikaria Jamunihai	<b>Land Development</b>										
		Horticulture	0.21	5.08	0.35	7.96	0.35	7.96	0.68	12.87	1.60	33.86
		Afforestation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Agriculture	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		<b>SMC</b>										
		Contour Bunding	0.03	0.83	0.05	1.29	0.05	1.29	0.11	2.09	0.25	5.50
		Bench terracing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		MB/PB	5.28	88.80	8.62	139.12	8.62	139.12	16.88	224.96	39.39	592.00
		<b>Veg. &amp; Engg. Structures</b>										
		Loose Boulders	0.67	9.27	1.09	14.52	1.09	14.52	2.13	23.48	4.97	61.80
		Gabion Structures	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		<b>WHS</b>										
		Check Dam	12.74	208.61	20.81	326.83	20.81	326.83	40.77	528.49	95.14	1390.77
		SB	5.43	121.88	8.87	190.95	8.87	190.95	17.38	308.76	40.55	812.53
Others WHB/RCD/Ground Water Recharge Structures/Ponds	19.98	304.57	32.64	477.17	32.64	477.17	63.94	771.59	149.19	2030.50		
<b>Sub Total</b>			<b>44.34</b>	<b>739.04</b>	<b>72.43</b>	<b>1157.83</b>	<b>72.43</b>	<b>1157.83</b>	<b>141.90</b>	<b>1872.24</b>	<b>331.09</b>	<b>4926.95</b>

MWS Code	Gram Panchayat	Details of Livelihood Activity	Livelihood Activity									
			General Merchant Shop	Goat Rearing	Poultry	Dairy	Sewing	Dona Pattla	Weaving	Black Smithy	Total	
Dodamafee-I 2C1A3g1e Amchur Neruwa-I 2C1A3g1h Amchur Neruwa-II 2C1A3g1j Dodamafee-II 2C1A3g1n Tikariya Jamunihai 2C1A3g1l Kusumi-I 2C1A3g2a Itwa Dudaila-I 2C1A3g2b Itwa Dudaila-II 2C1A3g2d Itwa Dudaila-III 2C1A3g2e Itwa Dudaila-IV 2C1A3g2f Kusumi -II 2C1A3g2h Amchur Neruwa-III 2C1A3h2e	Amchur Neruwa	General Merchant Shop @ Rs. 25000/- per beneficiary, Goat Rearing @ Rs. 22000/- per Goat and 07 Goat will be given per beneficiary costing Rs. 3000/- per number, Poultry -(Chuja, feed and other support item) per beneficiary @ Rs.15000/- , Dairy @ Rs. 25000/- per beneficiary, Sewing @ Rs. 20000/- per beneficiary, Black Smithy @ Rs. 15000/- per beneficiary, Dona Pattal @ 15000/-per beneficiary, Weaving @25000/- per beneficiary	5	5	4	5	4	5	4	4	<b>7.35</b>	
	Dodamafee		7	4	4	6	5	4	6	5	<b>8.58</b>	
	Itawa Dudaila		6	6	2	4	6	5	5	4	<b>7.92</b>	
	Bambia		5	4	5	6	4	4	6	5	<b>8.03</b>	
	Mangawan		6	5	3	5	5	5	4	4	<b>7.65</b>	
	Tikaria Jamunihai		5	5	2	7	4	5	7	4	<b>8.30</b>	
	Others (Revolving Fund)											<b>5.38</b>
	<b>Sub Total</b>			<b>34</b>	<b>29</b>	<b>20</b>	<b>33</b>	<b>28</b>	<b>28</b>	<b>32</b>	<b>26</b>	<b>53.21</b>

MWS Code	Gram Panchayat	Details of Production System & Micro Enterprises Activity	Production System & Micro Enterprises Activity											
			Wheat	Gram	Bajra	Urd	Moong	Animal Husbandry	Horticulture	Nursery	Seed Distribution	Mini Dal / Mini Flour Mill	Total	
Dodamafee-I 2C1A3g1e Amchur Neruwa-I 2C1A3g1h Amchur Neruwa-II 2C1A3g1j Dodamafee-II 2C1A3g1n Tikariya Jamunihai 2C1A3g1l Kusumi-I 2C1A3g2a Itwa Dudaila-I 2C1A3g2b Itwa Dudaila-II 2C1A3g2d Itwa Dudaila-III 2C1A3g2e Itwa Dudaila-IV 2C1A3g2f Kusumi -II 2C1A3g2h Amchur Neruwa-III 2C1A3h2e	Amchur Neruwa	Crop demonstration is wheat @ Rs. 13000/ha, Gram @ Rs.16800/ha, Bajra @ Rs. 7200/ha, Urd @ Rs. 6500/ha, Moong @ Rs. 6500/ha, Seed Distribution @ Rs. 20000/-, Horticulture toolkit @ Rs. 15000/- and Nursery @ Rs. 22000/- , Animal Husbandry @ Rs. 20000/-, Mini Dal / Mini Flour Mill @ Rs. 40000/-.	9	7	8	8	8	7	5	6	6	3	9.83	
	Dodamafee		9	8	9	9	8	5	6	5	6	4	10.07	
	Itawa Dudaila		7	8	8	8	8	5	6	7	6	3	9.71	
	Bambia		7	6	9	9	8	5	4	5	6	3	8.77	
	Mangawan		9	8	7	7	8	5	6	8	6	3	10.05	
	Tikaria Jamunihai		9	8	9	9	8	5	6	6	6	5	10.69	
	<b>Sub Total</b>			<b>50</b>	<b>45</b>	<b>50</b>	<b>50</b>	<b>48</b>	<b>32</b>	<b>33</b>	<b>37</b>	<b>36</b>	<b>21</b>	<b>59.12</b>
	<b>Grand Total</b>													<b>443.43</b>

# **CHAPTER – 6**

## **CAPACITY BUILDING PLAN**

The total amount in this activity is Rs 29.56 Lacs have been allocated. According to distribution of fund in different level, a comprehensive detail action plan has been prepared for proper execution of human resource development in the project activities.

### Year-wise bifurcation of capacity building activities IWMP-XIII, Chitrakoot

			I Year				II Year					
S. No.	Level	Total no of person	No of person to be trained	No of training to be conduct	Training day	Total Cost	No of person to be trained	No of training to be conduct	Training day	Total Cost		
1	SLNA					1.30				0.35		
2	WCDC					2.96				1.01		
3	PIA	32	15	3	2	2.70	36	4	3	0.61		
4	WDT	4	4	4	2	1.35	5	10	4	0.31		
5	SHG	90	60	1	2	3.37	125	3	2	0.77		
6	UG	75	75	1	2	4.04	200	2	2	0.92		
7	WC	45	45	1	2	2.02	100	2	2	0.46		
	<b>TOTAL</b>					<b>17.74</b>					<b>4.43</b>	
			III Year				IV Year					
S. No.	Level	Total no of person	No of person to be trained	No of training to be conduct	Training day	Total Cost	No of person to be trained	No of training to be conduct	Training day	Total Cost	Total	
1	SLNA					0.35				0.59	<b>2.60</b>	
2	WCDC					1.01				0.59	<b>5.56</b>	
3	PIA	36	36	4	3	0.61	15	1	1	0.35	<b>4.28</b>	
4	WDT	4	5	10	4	0.31	5	10	4	0.18	<b>2.14</b>	
5	SHG	90	125	3	2	0.77	125	3	2	0.44	<b>5.35</b>	
6	UG	75	200	2	2	1.08	200	2	2	0.62	<b>6.66</b>	
7	WC	45	100	2	2	0.31	100	2	2	0.18	<b>2.97</b>	
	<b>TOTAL</b>					<b>4.43</b>				<b>2.96</b>	<b>29.56</b>	

**CHAPTER -7**  
**PHASING OF PROGRAMME &**  
**BUDGETING**

**FINANCIAL BREAKUP OF VARIOUS COMPONENTS IN TERMS OF % OF IWMP-XIII,  
DISTRICT- CHITRAKOOT**

Amount in Lacs

S. No.	MWS Name	MWS Code	Project Area	Proposed Amount	Administrative 10%	EPA 4%	Institution and CB 5%	DPR 1%	Watershed development work 56%	Livelihood for assetless 9%	Production system and Microenterprises 10%	Monitoring 1%	Evaluation 1%	Consolidation 3%	Total 100%
1	Dodamafee-I	2C1A3g1e	245.563	29.47	2.95	1.18	1.47	0.29	16.50	2.65	2.95	0.29	0.29	0.88	<b>29.47</b>
2	Amchur Neruwa-I	2C1A3g1h	545.500	65.46	6.55	2.62	3.27	0.65	36.66	5.89	6.55	0.65	0.65	1.96	<b>65.46</b>
3	Amchur Neruwa-II	2C1A3g1j	22.500	2.70	0.27	0.11	0.14	0.03	1.51	0.24	0.27	0.03	0.03	0.08	<b>2.70</b>
4	Dodamafee-II	2C1A3g1n	544.530	65.34	6.53	2.61	3.27	0.65	36.59	5.88	6.53	0.65	0.65	1.96	<b>65.34</b>
5	Tikariya Jamunihai	2C1A3g1l	692.075	83.05	8.30	3.32	4.15	0.83	46.51	7.47	8.30	0.83	0.83	2.49	<b>83.05</b>
6	Kusumi-I	2C1A3g2a	191.860	23.02	2.30	0.92	1.15	0.23	12.89	2.07	2.30	0.23	0.23	0.69	<b>23.02</b>
7	Itwa Dudaila-I	2C1A3g2b	736.152	88.34	8.83	3.53	4.42	0.88	49.47	7.95	8.83	0.88	0.88	2.65	<b>88.34</b>
8	Itwa Dudaila-II	2C1A3g2d	491.280	58.95	5.90	2.36	2.95	0.59	33.01	5.31	5.90	0.59	0.59	1.77	<b>58.95</b>
9	Itwa Dudaila-III	2C1A3g2e	583.940	70.07	7.01	2.80	3.50	0.70	39.24	6.31	7.01	0.70	0.70	2.10	<b>70.07</b>
10	Itwa Dudaila-IV	2C1A3g2f	359.400	43.13	4.31	1.73	2.16	0.43	24.15	3.88	4.31	0.43	0.43	1.29	<b>43.13</b>
11	Kusumi -II	2C1A3g2h	349.150	41.90	4.19	1.68	2.09	0.42	23.46	3.77	4.19	0.42	0.42	1.26	<b>41.90</b>
12	Amchur Neruwa-III	2C1A3h2e	165.000	19.80	1.98	0.79	0.99	0.20	11.09	1.78	1.98	0.20	0.20	0.59	<b>19.80</b>
		<b>Total</b>	<b>4926.950</b>	<b>591.23</b>	<b>59.12</b>	<b>23.65</b>	<b>29.56</b>	<b>5.91</b>	<b>331.09</b>	<b>53.21</b>	<b>59.12</b>	<b>5.91</b>	<b>5.91</b>	<b>17.74</b>	<b>591.23</b>

**YEARWISE PHYSICAL AND FINANCIAL BREAK UP OF WORK COMPONENT OF IWMP-XIII,  
DISTRICT- CHITRAKOOT  
Watershed Development Works**

Fin in Lacs, Phy in ha

S. No.	MWS Name	MWS Code	Project Area	Proposed Amount	2011-12		2012-13		2013-14		2014-15		TOTAL	
					Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Dodamafee-I	2C1A3g1e	245.56	16.50	36.83	2.21	57.71	3.61	57.71	3.61	93.31	7.07	<b>245.56</b>	<b>16.50</b>
2	Amchur Neruwa-I	2C1A3g1h	545.50	36.66	81.83	4.91	128.19	8.02	128.19	8.02	207.29	15.71	<b>545.50</b>	<b>36.66</b>
3	Amchur Neruwa-II	2C1A3g1j	22.50	1.51	3.38	0.20	5.29	0.33	5.29	0.33	8.55	0.65	<b>22.50</b>	<b>1.51</b>
4	Dodamafee-II	2C1A3g1n	544.53	36.59	81.68	4.90	127.96	8.00	127.96	8.00	206.92	15.68	<b>544.53</b>	<b>36.59</b>
5	Tikariya Jamunihai	2C1A3g1l	692.08	46.51	103.81	6.23	162.64	10.17	162.64	10.17	262.99	19.93	<b>692.08</b>	<b>46.51</b>
6	Kusumi-I	2C1A3g2a	191.86	12.89	28.78	1.73	45.09	2.82	45.09	2.82	72.91	5.53	<b>191.86</b>	<b>12.89</b>
7	Itwa Dudaila-I	2C1A3g2b	736.15	49.47	110.42	6.63	173.00	10.82	173.00	10.82	279.74	21.20	<b>736.15</b>	<b>49.47</b>
8	Itwa Dudaila-II	2C1A3g2d	491.28	33.01	73.69	4.42	115.45	7.22	115.45	7.22	186.69	14.15	<b>491.28</b>	<b>33.01</b>
9	Itwa Dudaila-III	2C1A3g2e	583.94	39.24	87.59	5.26	137.23	8.58	137.23	8.58	221.90	16.82	<b>583.94</b>	<b>39.24</b>
10	Itwa Dudaila-IV	2C1A3g2f	359.40	24.15	53.91	3.23	84.46	5.28	84.46	5.28	136.57	10.35	<b>359.40</b>	<b>24.15</b>
11	Kusumi -II	2C1A3g2h	349.15	23.46	52.37	3.14	82.05	5.13	82.05	5.13	132.68	10.06	<b>349.15</b>	<b>23.46</b>
12	Amchur Neruwa-III	2C1A3h2e	165.00	11.09	24.75	1.49	38.78	2.43	38.78	2.43	62.70	4.75	<b>165.00</b>	<b>11.09</b>
	<b>Total</b>		<b>4926.95</b>	<b>331.09</b>	<b>739.04</b>	<b>44.34</b>	<b>1157.83</b>	<b>72.43</b>	<b>1157.83</b>	<b>72.43</b>	<b>1872.24</b>	<b>141.90</b>	<b>4926.95</b>	<b>331.09</b>

**GRAM PANCHAYAT WISE PHYSICAL AND FINANCIAL BREAK UP OF WORK COMPONENT OF  
IWMP-XIII, DISTRICT- CHITRAKOOT  
Watershed Development Works**

Fin in Lacs, Phy in ha

S. No.	Gram Panchayat	Project Area	Proposed Amount	2011-12		2012-13		2013-14		2014-15		TOTAL	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Amchur Neruwa	621.60	41.77	93.24	5.59	146.08	9.14	146.08	9.14	236.21	17.90	<b>621.60</b>	<b>41.77</b>
2	Dodamafee	622.39	41.82	93.36	5.60	146.26	9.15	146.26	9.15	236.51	17.92	<b>622.39</b>	<b>41.82</b>
3	Itawa Dudaila	2188.42	147.06	328.26	19.70	514.28	32.17	514.28	32.17	831.60	63.03	<b>2188.42</b>	<b>147.06</b>
4	Bambia	523.36	35.17	78.50	4.71	122.99	7.69	122.99	7.69	198.88	15.07	<b>523.36</b>	<b>35.17</b>
5	Mangawan	93.65	6.29	14.05	0.84	22.01	1.38	22.01	1.38	35.59	2.70	<b>93.65</b>	<b>6.29</b>
6	Tikaria Jamunihai	877.53	58.97	131.63	7.90	206.22	12.90	206.22	12.90	333.46	25.27	<b>877.53</b>	<b>58.97</b>
	<b>Total</b>	<b>4926.95</b>	<b>331.09</b>	<b>739.04</b>	<b>44.34</b>	<b>1157.83</b>	<b>72.43</b>	<b>1157.83</b>	<b>72.43</b>	<b>1872.24</b>	<b>141.90</b>	<b>4926.95</b>	<b>331.09</b>

## ANNUAL ACTION PLAN of Budget Components of IWMP-XIII CHITRAKOOT

S. No.	Physical And Financial Target (Fin in lacs)	Unit	I <sup>st</sup> Year		II <sup>nd</sup> Year		III <sup>rd</sup> Year		IV <sup>th</sup> Year		Total	
			2011-12		2012-13		2013-14		2014-15		Fin	Phy
			Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy		
1	Administration		11.82		16.26		16.26		14.78		59.12	
2	Monitoring		1.18		1.63		1.63		1.48		5.91	
3	Evaluation		1.77		1.33		1.33		1.48		5.91	
4	<b>Entry Point Activities</b>											
	<b>Planned</b>											
	No. of Activities	No.	23.65								23.65	
	No. of Beneficiaries	No.										
	<b>Executed</b>											
	No. of Activities	No.	23.65								23.65	
	No. of Beneficiaries	No.										
5	<b>Institutional &amp; Capacity Building</b>											
	<b>No. of Persons to be Trained</b>											
	SLNA Level	No.										
	District Level	No.										
	PIA	No.		15		36		36		15		102
	WDT Level	No.		4		5		5		5		19
	SHG	No.		60		125		125		125		435
	User Groups	No.		75		200		200		200		675
	WC Level	No.		45		100		100		100		345
	<b>Total</b>			<b>199</b>		<b>466</b>		<b>466</b>		<b>445</b>		<b>1576</b>
	<b>No. of Total Persons Trained</b>											
	SLNA Level	No. of stake holder	1.30		0.35		0.35		0.59		2.60	
	District Level		2.96		1.01		1.01		0.59		5.56	
	PIA		2.70	45	0.61	144	0.61	144	0.35	15	4.28	348
	WDT Level		1.35	16	0.31	50	0.31	50	0.18	50	2.14	166
	SHG		3.37	60	0.77	375	0.77	375	0.44	375	5.35	1185
	User Groups		4.04	75	0.92	400	1.08	400	0.62	400	6.66	1275
	WC Level		2.02	45	0.46	200	0.31	200	0.18	200	2.97	645
	<b>Sub Total</b>			<b>17.74</b>	<b>241</b>	<b>4.43</b>	<b>1169</b>	<b>4.43</b>	<b>1169</b>	<b>2.96</b>	<b>1040</b>	<b>29.56</b>

S. No.	Physical And Financial Target (Fin in lacs)	Unit	I <sup>st</sup> Year		II <sup>nd</sup> Year		III <sup>rd</sup> Year		IV <sup>th</sup> Year		Total	
			2011-12		2012-13		2013-14		2014-15		Fin	Phy
			Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy		
6	DPR Preparation		5.91								5.91	
7	<b>Watershed Development Works</b>											
	<b>Land Development</b>											
	Afforestation (on wasteland)	ha										
	Afforestation (on total land)	ha										
	Horticulture (on wasteland)	ha	0.21	5.08	0.35	7.96	0.35	7.96	0.68	12.87	1.60	33.86
	<b>Sub Total</b>		<b>0.21</b>	<b>5.08</b>	<b>0.35</b>	<b>7.96</b>	<b>0.35</b>	<b>7.96</b>	<b>0.68</b>	<b>12.87</b>	<b>1.60</b>	<b>33.86</b>
	<b>Soil And Moisture Conservation</b>											
	1. Field Bund	ha										
	2. Contour Bund	ha	0.03	0.83	0.05	1.29	0.05	1.29	0.11	2.09	0.25	5.50
	3. Marginal Bund/ Peripheral Bunds	ha	5.28	88.80	8.62	139.12	8.62	139.12	16.88	224.96	39.39	592.00
	4. Sub Marginal Bund	ha	5.43	121.88	8.87	190.95	8.87	190.95	17.38	308.76	40.55	812.53
	Others/ Ponds	ha										
	<b>Sub Total</b>		<b>10.74</b>	<b>211.51</b>	<b>17.54</b>	<b>331.36</b>	<b>17.54</b>	<b>331.36</b>	<b>34.37</b>	<b>535.81</b>	<b>80.19</b>	<b>1410.03</b>
	<b>Water Harvesting Structure ( New Created)</b>											
	Farm Ponds	nos										
	Check Dams	ha	12.74	208.61	20.81	326.83	20.81	326.83	40.77	528.49	95.14	1390.77
	Water Harvesting Bund / Recharging Check Dams	ha	19.98	304.57	32.64	477.17	32.64	477.17	63.94	771.59	149.19	2030.50
	Loose Boulders	ha	0.67	9.27	1.09	14.52	1.09	14.52	2.13	23.48	4.97	61.80
	Ground water recharge structures	nos										
	Others	nos										
	<b>Sub Total</b>		<b>33.39</b>	<b>522.46</b>	<b>54.53</b>	<b>818.52</b>	<b>54.53</b>	<b>818.52</b>	<b>106.85</b>	<b>1323.56</b>	<b>249.30</b>	<b>3483.06</b>

S. No.	Physical And Financial Target (Fin in lacs)	Unit	I <sup>st</sup> Year		II <sup>nd</sup> Year		III <sup>rd</sup> Year		IV <sup>th</sup> Year		Total	
			2011-12		2012-13		2013-14		2014-15		Fin	Phy
			Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy		
	<b>c. Water Harvesting Structure (Storage Capacity of New Structure)</b>											
	Farm Ponds	Cubic meter										
	Check dams		0	19476	0	30513	0	30513	0	49340	0	129841
	Water Harvesting Bund / Recharging Check Dams		0	25300	0	39637	0	39637	0	64094	0	168669
	Loose Boulders											
	Ground water recharge structures											
	Others											
	<b>Grand Total</b>		<b>44.34</b>	<b>739.04</b>	<b>72.43</b>	<b>1157.83</b>	<b>72.43</b>	<b>1157.83</b>	<b>141.90</b>	<b>1872.24</b>	<b>331.09</b>	<b>4926.95</b>
<b>8</b>	<b>Livelihood Activities Through SHGs</b>											
	<b>General Merchant Shop</b>											
	a) No. of SHG's		1.00	4	3.75	15	3.75	15	0.00	0	8.50	34
	b) No. of Member's											
	<b>Goat Rearing</b>											
	a) No. of SHG's		0.66	3	2.64	12	3.08	14	0.00	0	6.38	29
	b) No. of Member's											
	<b>Poultry</b>											
	a) No. of SHG's		0.30	2	1.35	9	1.35	9	0.00	0	3.00	20
	b) No. of Member's											
	<b>Dairy</b>											
	a) No. of SHG's		1.25	5	3.75	15	3.25	13	0.00	0	8.25	33
	b) No. of Member's											
	<b>Sewing</b>											
	a) No. of SHG's		0.60	3	2.40	12	2.60	13	0.00	0	5.60	28
	b) No. of Member's											

S. No.	Physical And Financial Target (Fin in lacs)	Unit	I <sup>st</sup> Year		II <sup>nd</sup> Year		III <sup>rd</sup> Year		IV <sup>th</sup> Year		Total	
			2011-12		2012-13		2013-14		2014-15		Fin	Phy
			Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy		
	<b>Dona Pattla</b>											
	a) No. of SHG's		0.45	3	1.80	12	1.95	13	0.00	0	<b>4.20</b>	<b>28</b>
	b) No. of Member's											
	<b>Weaving</b>											
	a) No. of SHG's		0.75	3	3.75	15	3.50	14	0.00	0	<b>8.00</b>	<b>32</b>
	b) No. of Member's											
	<b>Black Smithy</b>											
	a) No. of SHG's		0.30	2	1.80	12	1.80	12	0.00	0	<b>3.90</b>	<b>26</b>
	b) No. of Member's											
	<b>Others (Revolving Fund)</b>		0.60		2.41		2.37		0.00		<b>5.38</b>	
	<b>Sub Total</b>		<b>5.91</b>	<b>25</b>	<b>23.65</b>	<b>102</b>	<b>23.65</b>	<b>103</b>	<b>0.00</b>	<b>0</b>	<b>53.21</b>	<b>230</b>
<b>9</b>	<b>Production System &amp; Micro – Enterprises</b>											
	<b>Agriculture</b>											
	<b>a) Crop Demonstration</b>											
	1. No. of Demo.	nos	2.43	24	11.60	122	10.00	97	0.00	0	<b>24.03</b>	<b>243</b>
	2. Area	ha		9.60		48.80		38.80		0.00		<b>97.20</b>
	<b>b) Horticulture</b>		0.60	4	2.10	14	2.25	15	0.00	0	<b>4.95</b>	<b>33</b>
	<b>c) Nursery</b>		0.88	4	3.30	15	3.96	18	0.00	0	<b>8.14</b>	<b>37</b>
	<b>d) Animal Husbandry</b>		0.80	4	2.60	13	3.00	15	0.00	0	<b>6.40</b>	<b>32</b>
	<b>e) Mini Dal / Mini Flour Mill</b>		0.00	0	4.00	10	4.40	11	0.00	0	<b>8.40</b>	<b>21</b>
	<b>f) Seed Distribution</b>		1.20	6	3.00	15	3.00	15	0.00	0	<b>7.20</b>	<b>36</b>
	<b>Sub Total</b>		<b>3.48</b>	<b>18</b>	<b>15.00</b>	<b>67</b>	<b>16.61</b>	<b>74</b>	<b>0.00</b>	<b>0</b>	<b>35.09</b>	<b>159</b>
	<b>Total</b>		<b>5.91</b>		<b>26.61</b>		<b>26.61</b>		<b>0.00</b>		<b>59.12</b>	
<b>10</b>	<b>Consolidation &amp; Withdrawal Phase Activities</b>								17.74		<b>17.74</b>	
	<b>Grand Total</b>		<b>118.25</b>	<b>739.04</b>	<b>146.33</b>	<b>1157.83</b>	<b>146.33</b>	<b>1157.83</b>	<b>180.33</b>	<b>1872.24</b>	<b>591.23</b>	<b>4926.95</b>

# **CHAPTER -8**

## **CONSOLIDATION / EXIT STRATEGY**

## **WATERSHED DEVELOPMENT FUND**

The major source of financial assistance after post implementation period is Watershed Development Fund. The contribution of it will come mainly from the fund generated.

## **USER CHARGES**

Various user groups will be formed in village. These user groups will collect user according to the designated rules formed during the formation of user group. These funds will be transferred to the WDF funds as per these formulated rules. The secretary of watershed committee (WC) shall maintain the records.

## **SUSTAINABILITY AND ENVIRONMENT SECURITY**

In the proposed watershed management plan of IWMP-XIII Chitrakoot watershed, proper blending of bio engineering measures will be applied on 60% of the total watershed area. Based on the results of studies conducted in this region, it is estimated that more 50% of the watershed area will be treated and consequently the soil loss and runoff from the area is expected to be reduced by 70% and 65% respectively. The proposed land use plan will improve the land utilization index and crop diversification index significantly as compared to the existing one. It will help in maintaining ecosystem integrity on sustained basis along with improving the livelihood security of the farming community.

## **ECONOMIC ANALYSIS**

Economic analysis of the project was carried by taking direct benefits and costs considering 25 year project life at 10 per cent discount rate. For this purpose of economic analysis, whole watershed development plan was divided into three sectors namely,

Agriculture, horticulture and forest/fuel wood plantation. Net present value (NPV), Benefit cost ratio (BC) ratio criteria were employed to judge the economic efficiency of each enterprise and sector.

### **AGRICULTURE**

In rainfed agriculture the development cost can be recovered within one year as the present rainfed agriculture is being done on well maintained field, therefore, does not require much investment.

# **CHAPTER -9**

## **EXPECTED OUTCOME**

## ABTRACT OF OUTCOMES

The overall assessment of the project certain parameters have been evaluated on the present and future basis. As mentioned in the above the food grain production according to the expenditure has been analyzed after the completion of the project.

### SUMMARY OF EXPECTED /ESTIMATED OUTCOMES OF IWMP-XIII of District- Chitrakoot (2011-12)

<b>S. No.</b>	<b>Project Outcome Details</b>	<b>Pre-project Status</b>	<b>Expected Post-project Status</b>
1	Cropped Area ( ha)	3336.95	3500.00
2	Net Sown Area( ha)	3336.95	3500.00
3	Area of land to which irrigation facility created( ha)	-	50.00
4	No. of Revenue Records Updated	-	-
5	No. of Beneficiaries(Small Farmers)		762
6	No. of Beneficiaries(Marginal Farmers)		511
7	No. of Beneficiaries(Landless)		21
8	No. of Beneficiaries(BPL)		523
9	Total No. of Employment Generated (mandays)	140000	195000
10	No. of Persondays Migrated from Project Area		340
11	Depth of Ground Water (meters below ground level)	28	26

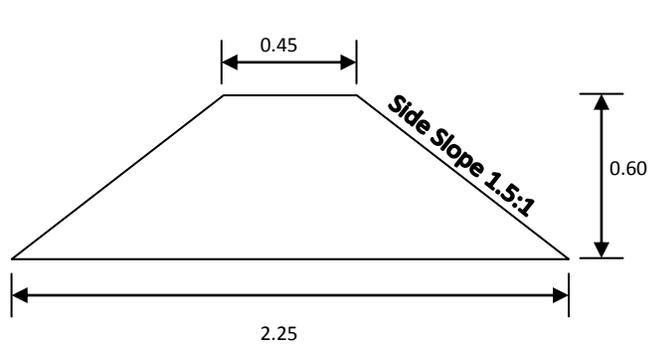
**Chapter-10**

**COST NORMS & DESIGN OF STRUCTURE**

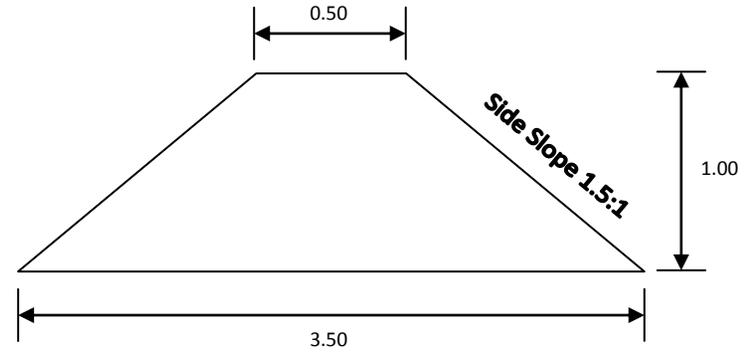
**PROPOSED**

**DRAWING OF C.B., S.B., P.B., AND M.B.**

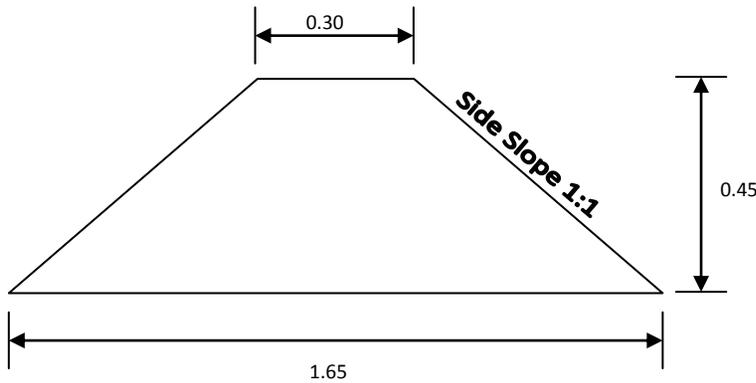
*(Not to Scale)*



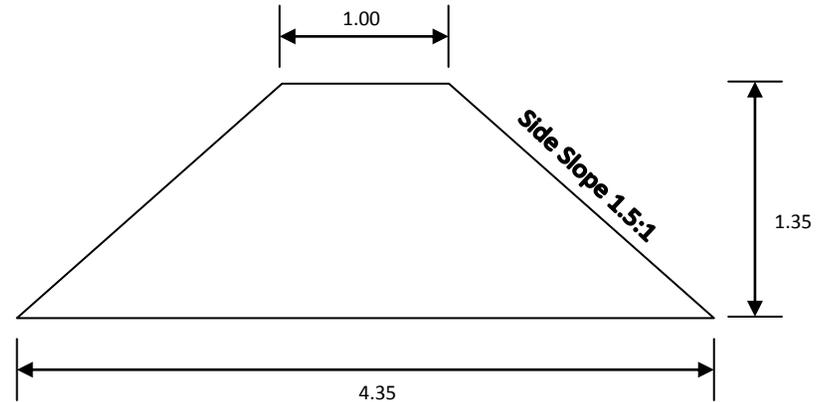
(C.B., Cross-Section – 1.081 m<sup>2</sup>)



(S.B., Cross-Section – 2.00m<sup>2</sup>)



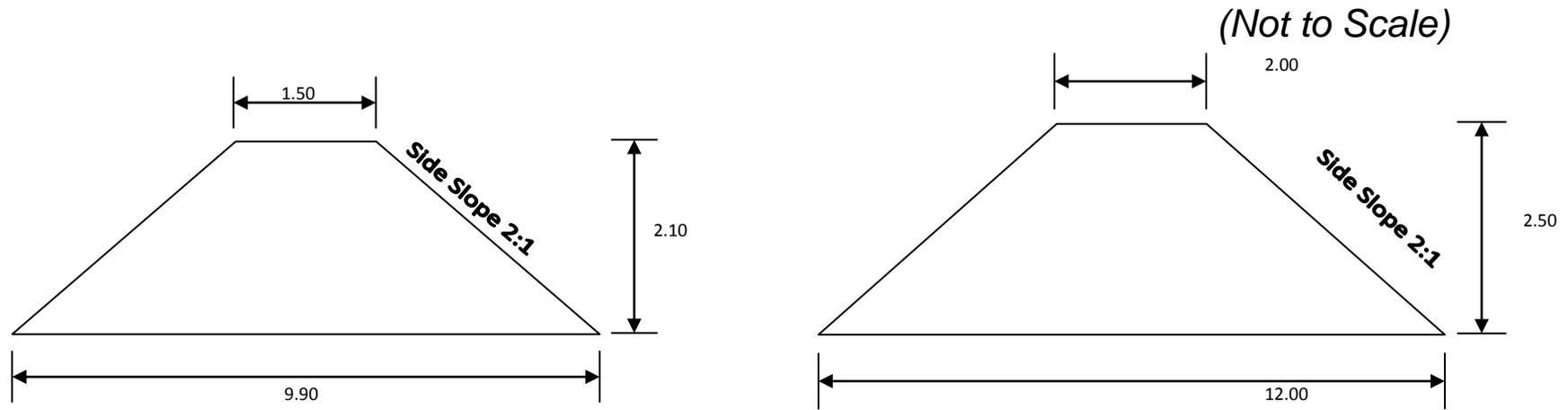
(Field Bund, Cross-Section – 0.438 m<sup>2</sup>)



(P.B. /M.B., Cross-Section – 3.60 m<sup>2</sup>)

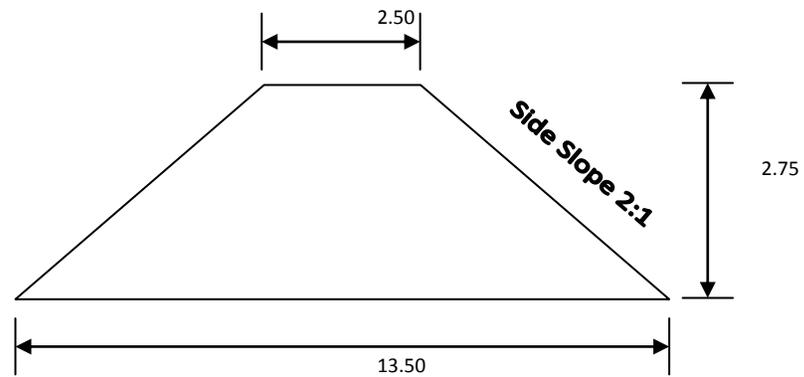
(All dimensions in Meter)

## DRAWING OF EARTHEN CHEKDAM / GULLY PLUG



(C.D. /G.P., Cross-Section – 11.97 m<sup>2</sup>)

(C.D. /G.P., Cross-Section – 17.50 m<sup>2</sup>)



(W.H.B., Cross-Section – 22.00 m<sup>2</sup>)

**(All dimensions in Meter)**

## DESIGN OF CONTOUR BUND

Type of Soil	-Loam, Sandy Loam	
Rain fall	-24 hr in cm -10 cm	
Field -1%		
Vertical Interval (VI)	$= [s/3+2] \times 0.3$ $= [1/3+2] \times 0.3$ $= 0.70 \text{ m}$	
Horizontal Interval (HI)	$= 100 \times \text{V.I./s}$ $= 100 \times 0.7/1$	
Height of bund h	$= \sqrt{(\text{Re} \times \text{VI})/50}$ $= \sqrt{(10 \times 0.7)/50}$ $= \sqrt{0.37}$ $= \mathbf{0.40}$	Re=maximum rainfall in cm
	<b>Say 0.60 m</b>	
Free board	=15% of height minimum -20 cm	
Height	$= 0.60 + 0.10$ $= 0.60 \text{ m}$	
Taking top width of bund 0.50 m and side slope 1.5:1		
Then base of Bund	$= 0.45 + (1.50 \text{ d}) \times 2$ $= 2.60 \text{ m}$	
Cross-Section of bund	$= (0.50 + 2.60) \times 0.70 / 2$ $= 1.085 \text{ m}^2$	
Length of bund	$= 100 \text{ s} / \text{V.I.}$ $= 100 \times 1 / 0.70$ $= \mathbf{142.85 \text{ m/ha}}$	
	<b>Say 150 m/ha</b>	
Earth work/ha	$= 150 \times 1.085$ $= 162.75 \text{ cum}$	
Cost Rs. / ha	$= 162.75 \times 39.16 = 6373.29$ $\mathbf{\text{Say } 6375.00}$	

## DESIGN OF SUBMERGENCE BUND

Types of soil – -Loam, Sandy Loam	Rainfall intensity for 24 hrs – 10cm
Field slope 3%	$V.I. = [s/3+2] \times 0.30$ $= 0.90 \text{ m}$
Horizontal Interval = $(100 \times V.I.) / s$	$= (100 \times 0.90) / 3$ $= 30 \text{ m}$
Height of bund $h = \sqrt{(Re \times V.I.) / 50}$	$= \sqrt{(10 \times 0.90) / 50} = \sqrt{0.18} = 0.42 \text{ m. Say } \mathbf{0.4m}$
Free board 20% of height minimum 20cm	
Total Height	= 0.90m
Taking top width of bund 0.70m and side slope 1.5:1	
Bottom of bund	$= 0.70 + 2 \times 1.5d$ $= 0.70 + 2.70$ $= 3.40$
Cross Section of Submergence Bund	$= (0.50 + 3.40) \times 1.00 / 2$ $= 2.00 \text{ m}^2$
Length of bund	$= 100 \text{ s} / V.I.$ $= (100 \times 3) / 0.90$ $= 333 \text{ m}$
Feasible length	$100 + 25 + 25$ $= 150 \text{ m}$
Earth work/ha	$= 150 \times 1.845$ $= 276.75$
Cost per ha	$= 276.75 \times 39.16$ $= 10,837.53$ <b>Say 10,850=00</b>

### TYPICAL SECTION OF FIELD BUND

Top width	= 0.50 m
Side slope	= 1:1
Height of bound	= 0.50 m
Bottom Width	= 1.50 m
Cross section	= $(0.50+1.50) \times 0.50 / 2 = 0.50 \text{ m}^2$
Length per hectare	= 200 m
Earthwork	= $200 \times 0.50 = 100 \text{ cum}$
Cost 39.16/cum	= Rs. 3916.00
Cost per hectare	= Rs. 3916.00

### TYPICAL SECTION OF P.B., M.B.

Top width	= 0.70 m
Side slope	= 1.5:1
Height	= 1.30 m
Bottom	= 4.60 m
Cross section	= $(0.70+4.60) \times 1.30 / 2$ = $3.60 \text{ m}^2$
Cost/ meter	= Rs. 142.00

### TYPICAL SECTION OF EARTHEN CHECK DAM / GULLY PLUG

Top width	= 1.50 m
Side slope	= 2:1
Height	= 2.10m
Bottom Width	= 9.90 m
Cross section	= $(1.50 + 9.90) \times 2.10 / 2$ = 11.97 m <sup>2</sup>
Cost per meter	= Rs. 551.45

### TYPICAL SECTION OF CHECK DAM / GULLY PLUG

Top width	= 2.00m
Side slope	= 2:1
Height	= 2.50 m
Bottom Width	= 12.00 m
Cross Section	= $(2.00 + 12.00) \times 2.50 / 2$ = 17.50 m <sup>2</sup>
Cost /meter	= Rs. 839.12

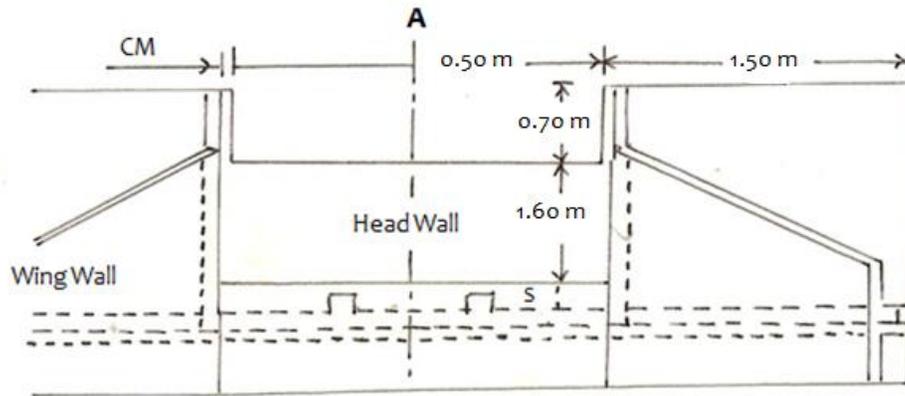
## TYPICAL SECTION OF W.H.B.

Top width	= 2.50 m
Side slope	= 2:1
Height	= 2.75 m
Bottom Width	= 13.50 m
Cross section	= $(2.50 + 13.50) \times 2.75 / 2$ = 22.00 m <sup>2</sup>
Per meter cost	= Rs. 1085.92

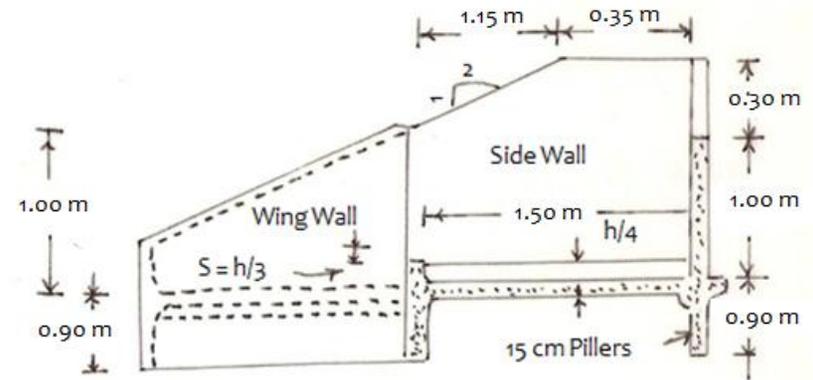
# DRAWING OF SPILLWAY OF CREST LENGTH 0.5 m

All Dimensions in Meter

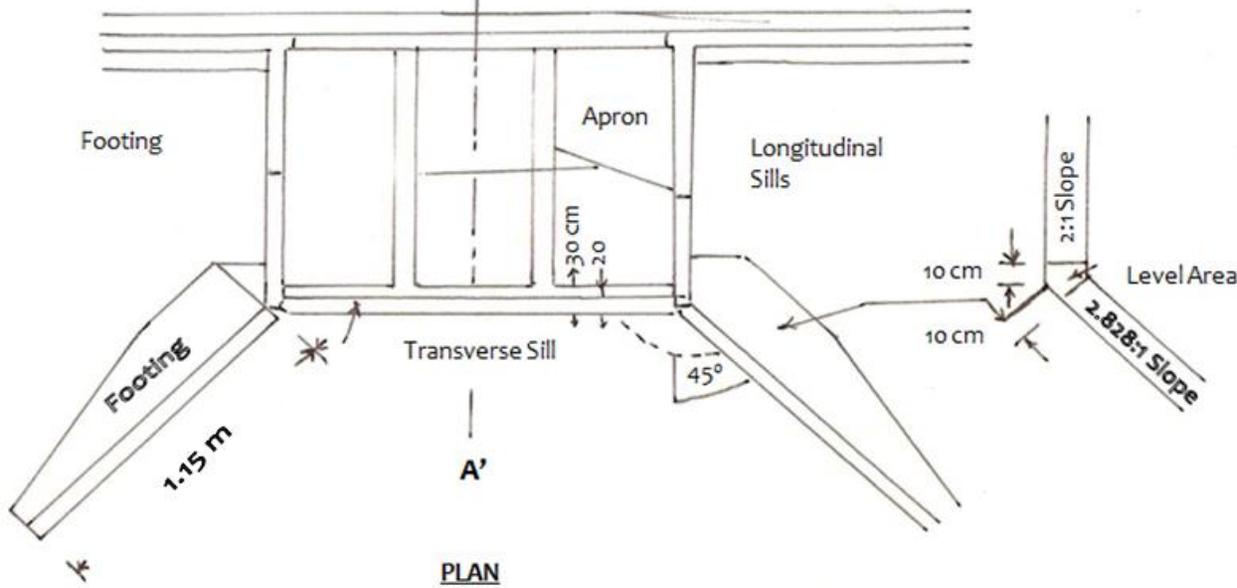
Not to



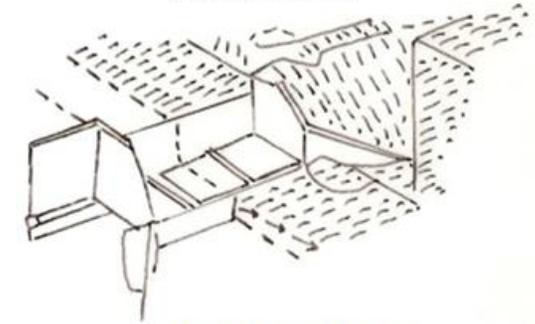
DOWNSTREAM ELEVATION



SECTION ON A-A'



PLAN



PERSPECTIVE VIEW

Design of Drop Spillway to be constructed at a place in a gully having width of 1.0 m and catchment area 1.00 ha and net drop 0.50 m Taking rainfall intensity for duration equal to time of concentration of watershed and design return period of 25 years, as 120mm/hr. The coefficient of runoff for the watershed is 0.3.

**1. Hydrologic design-** The design peak runoff rate ( $m^3/s$ ) for the watershed from Rational formula is

given as:

$$Q = \frac{C.I.A.}{360} = \frac{0.3 \times 120 \times 1.00}{360} = \frac{36}{360} = 0.10 \text{ cum/second}$$

**2. Hydraulic design-** The maximum discharge capacity of the rectangular weir given by

$$Q = \frac{1.711 L H^{3/2}}{(1.1 + 0.01 F)}$$

To find suitable value of L & H

Let us assume  $L = 0.50 \text{ m}$  (since width of gully is 1.00 m)

$$0.10 = \frac{1.711 L H^{3/2}}{(1.10 + 0.01 \times 0.5)} = \frac{1.711 L H^{3/2}}{(1.105)}$$

$$L H^{3/2} = \frac{1.105 \times 0.10}{1.711} = \frac{0.1105}{1.711} = 0.064$$

$$H^{3/2} = \frac{0.064}{0.50} = 0.128$$

$$H = (0.128)^{2/3} = 0.25 \text{ m}$$

$$\text{Test: } L/h = \frac{0.50}{0.25} = 2.0 \geq 2.0 \text{ hence O.K.}$$

$$h/f = \frac{0.25}{0.50} = 0.50 \leq 0.5 \text{ hence O.K.}$$

### 3. Structural design –

1- Minimum headwall extension,  $E = (3h + 0.6)$  or  $1.5 f$  whichever is greater

$$E = 3 \times 0.5 + 0.6 \quad \text{or} \quad 1.5 \times 0.50$$

$$E = 2.10 \text{ m} \quad \text{or} \quad 0.75 \text{ m}$$

Adopted 2.10 m

$$2\text{- Length of apron basin } L_B = f (2.28 h/f + 0.54) = 0.50 (2.20 \times \frac{0.5}{0.5} + 0.54)$$

$$= 0.50 \times 2.74 = 1.37 \text{ m says } 1.40 \text{ m}$$

$$3\text{- Height of end sill, } S = \frac{h}{3} = \frac{0.50}{3} = 0.16 \text{ m says } 0.20 \text{ m}$$

4- Height of wing wall and side wall at Junction :

$$J = 2h \text{ or } [f + h + S - (L_B + 0.10)/2] \text{ whichever is greater}$$

$$= 2 \times 0.50 \text{ or } [0.50 + 0.50 + 0.16 - (1.37 + 0.10)/2]$$

$$= 1.0 \text{ or } [1.16 - 0.735]$$

$$= 1.0 \text{ or } 0.425$$

adopt  $J = 1.00 \text{ m}$

$$\begin{aligned} 5- \quad M &= 2(f + 1.33h - J) = 2(0.50 + 1.33 \times 0.25 - 1.00) \\ &= 2 \times (-0.167) = -0.335 \text{ m} \end{aligned}$$

$$\begin{aligned} 6- \quad K &= (L_B + 0.1) - M = (1.37 + 0.1) - 0.335 \\ &= 1.47 - 0.335 \\ &= 1.135 \text{ m} \end{aligned}$$

Toe and cut off walls

$$\begin{aligned} \text{Normal scour depth (N S D)} &= 0.473 \times (Q/f)^{1/3} \\ &= 0.473 \times (0.1/1)^{1/3} \\ &= 0.473 \times 0.464 \\ &= 0.219 \end{aligned}$$

$$\begin{aligned} \text{Maximum Scour depth (M S D)} &= 1.5 \times \text{N S D} \\ &= 1.5 \times 0.219 \\ &= 0.328 \text{ m} \\ &\text{says } 0.35 \text{ m} \end{aligned}$$

$$\text{Depth of cutoff /Toe wall} = 0.35 \text{ m}$$

**Apron thickness:** For an over fall of 0.5 m. The Apron thickness in concrete construction is 0.20 m since the structure is constructed in masonry; the Apron thickness will be  $0.20 \times 1.50 = 0.30$  m

**Wall thickness:** The thickness of different wall of the structure (masonry construction) is given below:

Description	Thickness of wall	
	Top width	Bottom width
Head wall	0.40	1.00
Side wall	0.30	0.80
Wing wall and head wall extension	0.30	0.60

# **CHAPTER -11**

## **MAPS**

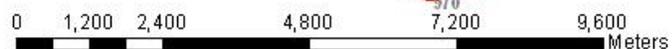
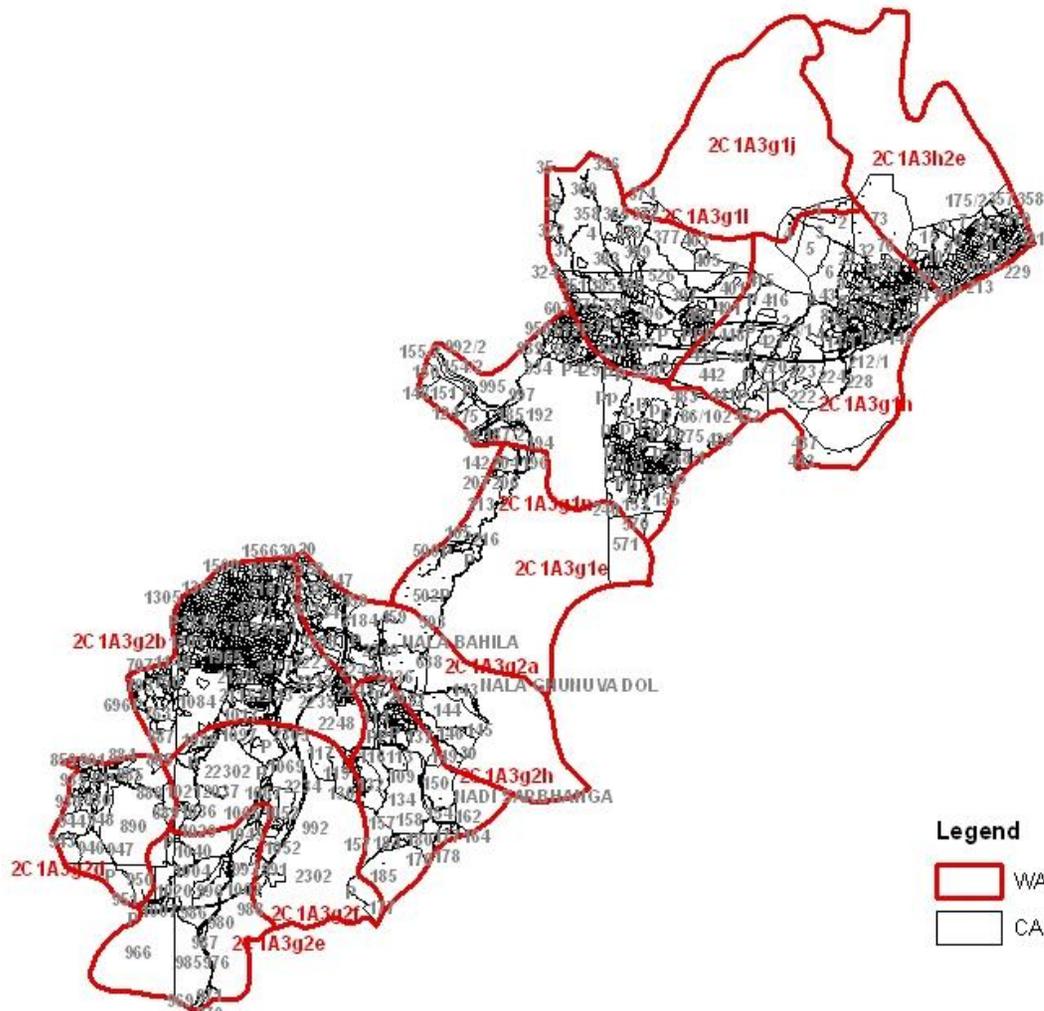
# MAPS

An attempt has been to map the surface details of the project area, as per the instruction of the common Guide lines-2008, All the thematic maps of the study area have been prepared through using remote sensing and geographical information system(G.I.S.) technique, following the fundamental norms of the National Map Policy-2006. The details of the thematic maps have been given below.

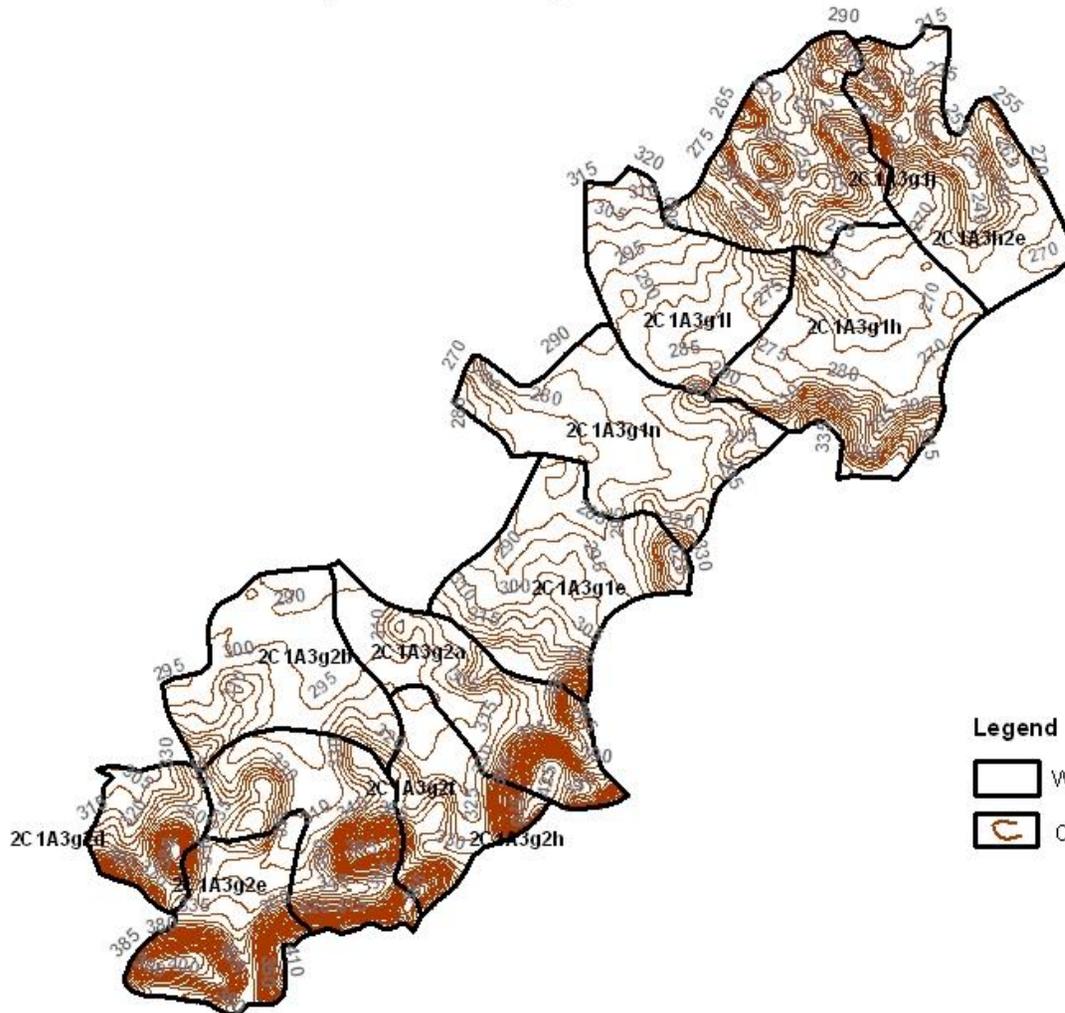
1. Cadastral Map
2. Contour Map
3. Drainage Map
4. LCC Map
5. Land use/ Land cover Map
6. Slope Map
7. Soil Depth Map
8. Soil Erosion Map
9. Action Plan viz. Dodamafee-I / 2C1A3g1e, Amchur Neruwa-I / 2C1A3g1h, Amchur Neruwa-II / 2C1A3g1j, Dodamafee-II / 2C1A3g1n, Tikariya Jamunihai / 2C1A3g1l, Kusumi-I / 2C1A3g2a, Itwa Dudaila-I / 2C1A3g2b, Itwa Dudaila-II / 2C1A3g2d, Itwa Dudaila-III / 2C1A3g2e, Itwa Dudaila-IV / 2C1A3g2f, Kusumi -II / 2C1A3g2h, Amchur Neruwa-III / 2C1A3h2e

Action Plan- These maps were interpreted from the high resolution satellite data freely available on internet.

# CADASTRAL MAP OF THE PROJECT AREA IWMP - XIII (2011 - 2012), DISTRICT - CHITRAKOOT

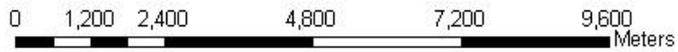


# CONTOUR MAP OF THE PROJECT AREA IWMP - XIII (2011 - 2012), DISTRICT - CHITRAKOOT

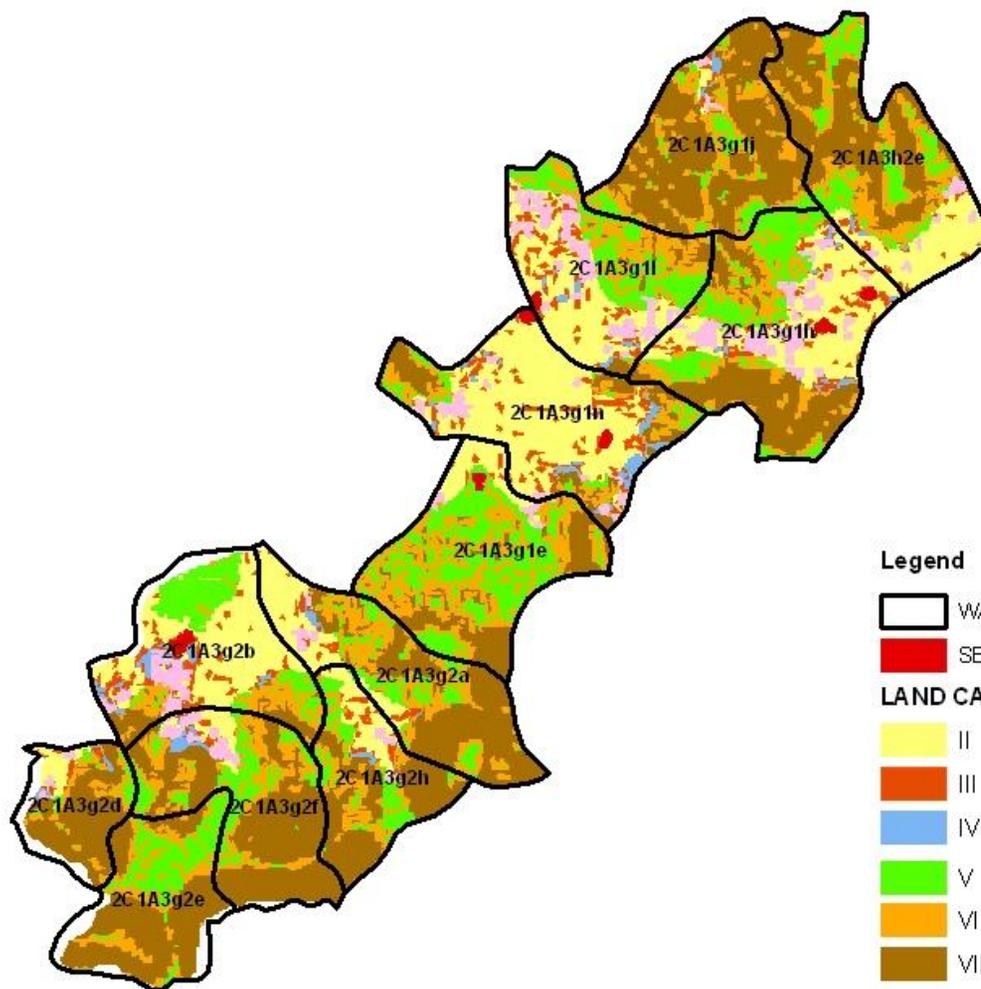


### Legend

-  WATERSHED BOUNDARY
-  CONTOUR AT 5m INTERVAL



# LAND CAPABILITY CLASS MAP OF THE PROJECT AREA IWMP - XIII (2011 - 2012), DISTRICT - CHITRAKOOT



## Legend

-  WATERSHED BOUNDARY
-  SETTLEMENT
- LAND CAPABILITY CLASS**
-  II
-  III
-  IV
-  V
-  VI
-  VII
-  VIII

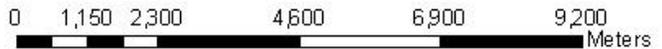
0 1,250 2,500 5,000 7,500 10,000 Meters

# THE PROJECT AREA IWMP - XIII (2011 - 2012), DISTRICT - CHITRAKOOT

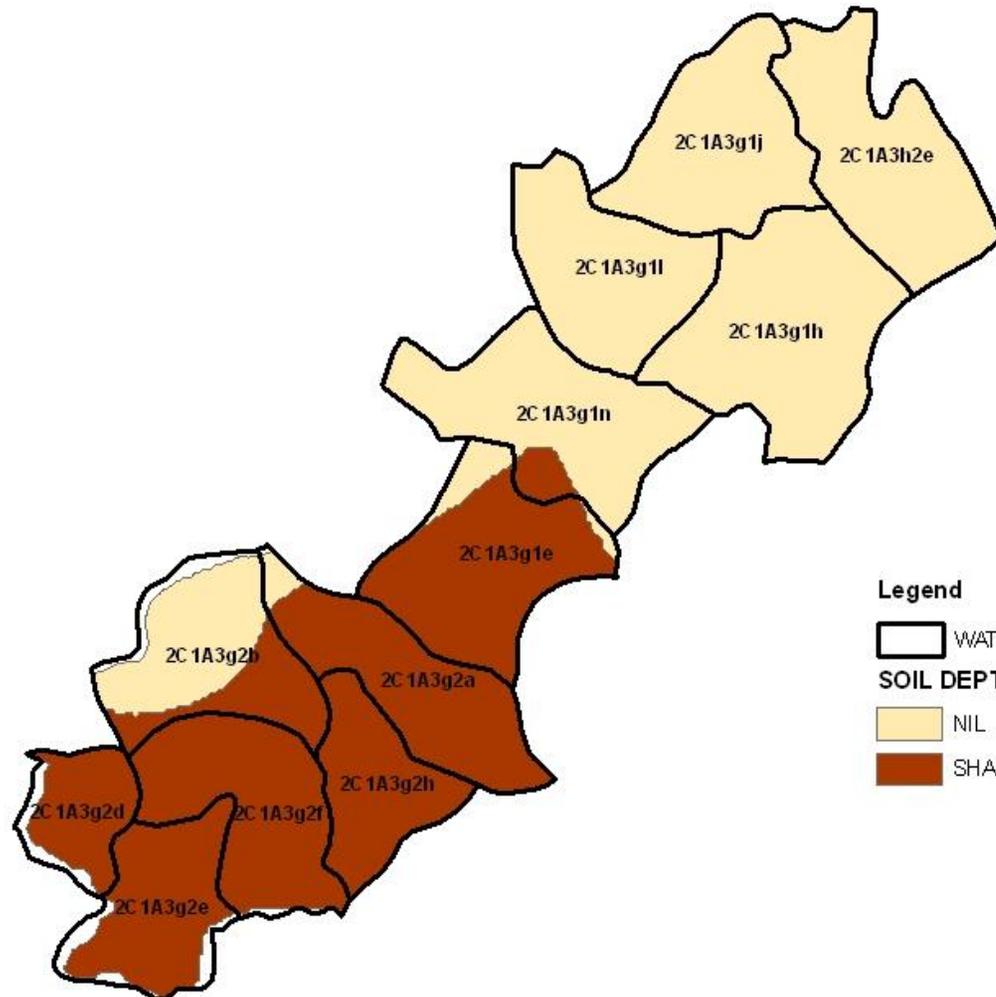


### Legend

 WATERSHED BOUNDARY



# SOIL DEPTH MAP OF THE PROJECT AREA IWMP - XIII (2011 - 2012), DISTRICT - CHITRAKOOT

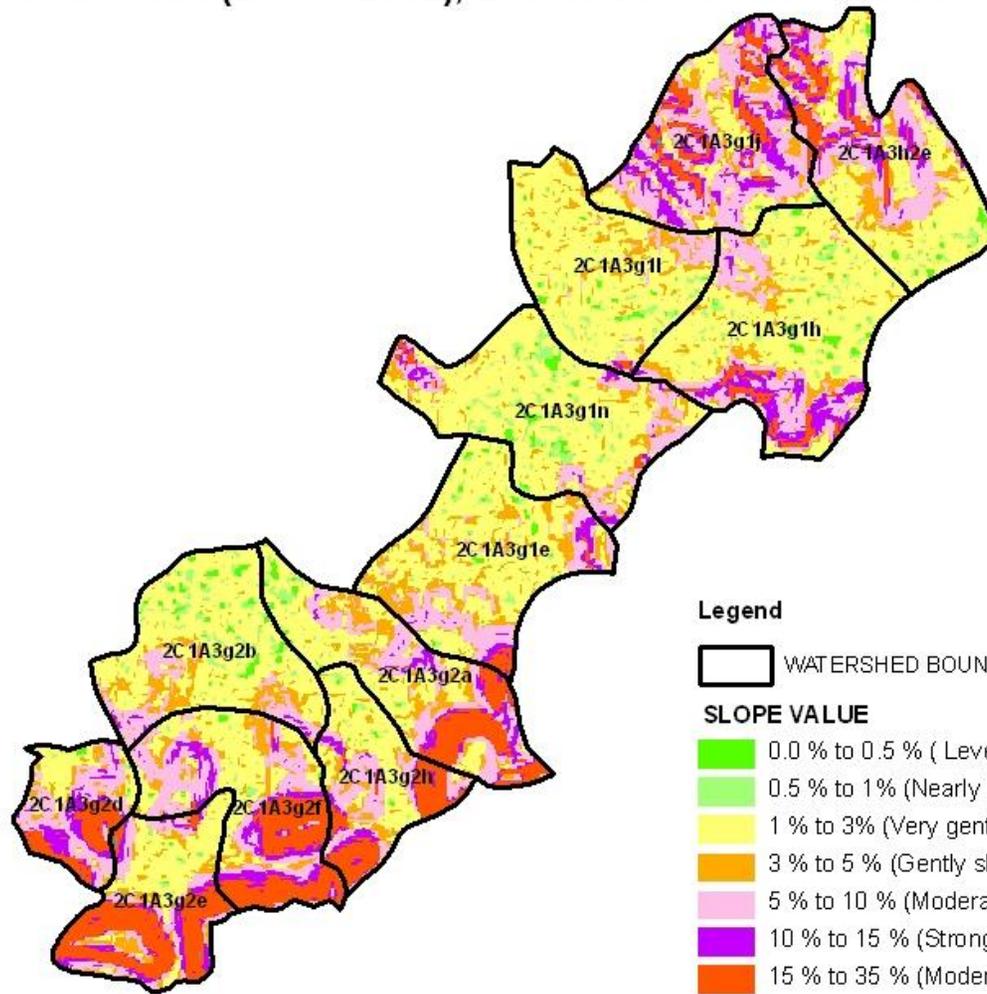


### Legend

-  WATERSHED BOUNDARY
- SOIL DEPTH TYPE**
-  NIL
-  SHALLOW

0 1,200 2,400 4,800 7,200 9,600  
Meters

# SLOPE MAP OF THE PROJECT AREA IWMP - XIII (2011 - 2012), DISTRICT - CHITRAKOOT

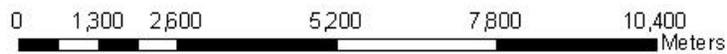


**Legend**

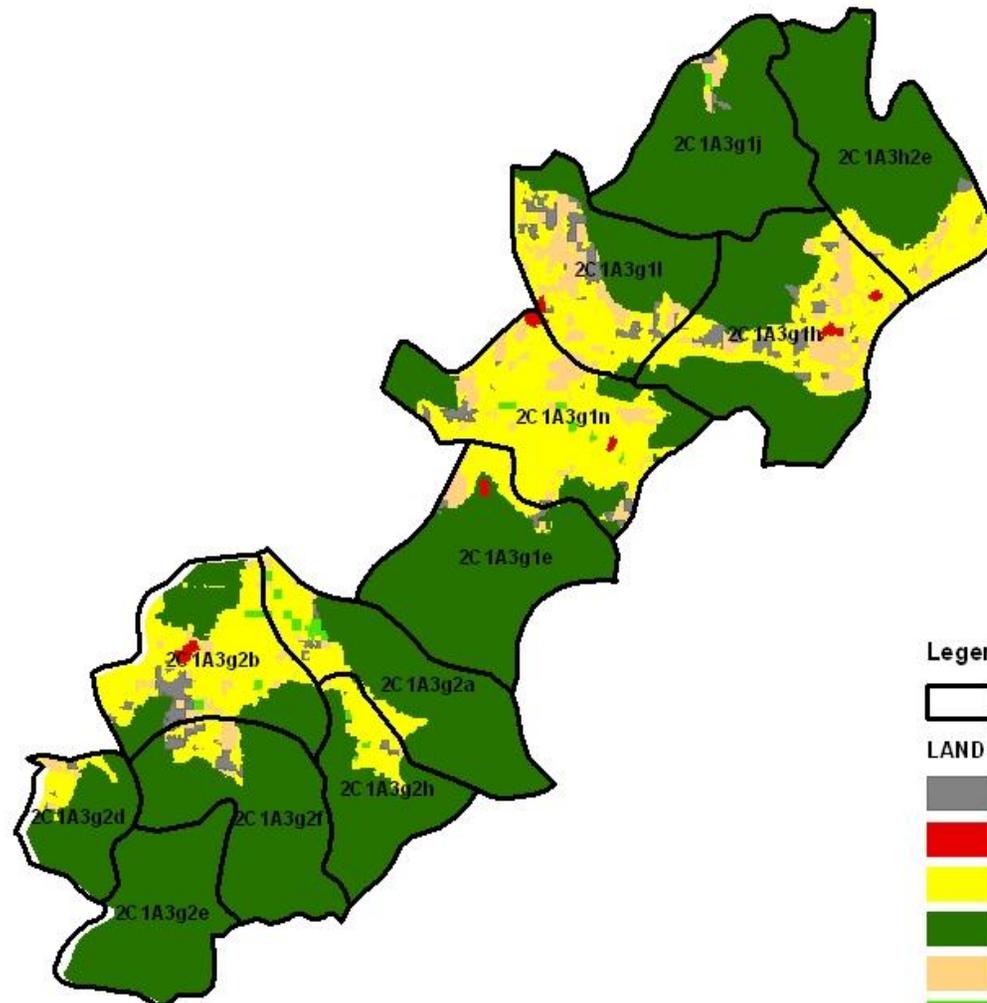
WATERSHED BOUNDARY

**SLOPE VALUE**

- 0.0 % to 0.5 % ( Level)
- 0.5 % to 1% (Nearly Level)
- 1 % to 3% (Very gently sloping)
- 3 % to 5 % (Gently sloping)
- 5 % to 10 % (Moderate sloping)
- 10 % to 15 % (Strong sloping)
- 15 % to 35 % (Moderate steep to steep sloping)
- > 35 % (Steep sloping)



# LANDUSE/LANDCOVER MAP OF THE PROJECT AREA IWMP - XIII (2011 - 2012), DISTRICT - CHITRAKOOT



## Legend

 WATERSHED BOUNDARY

### LANDUSE/LANDCOVER TYPE

 Barren Rocky/Stony waste

 Settlement

 Agriculture Land

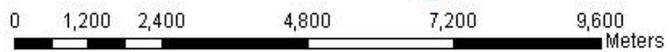
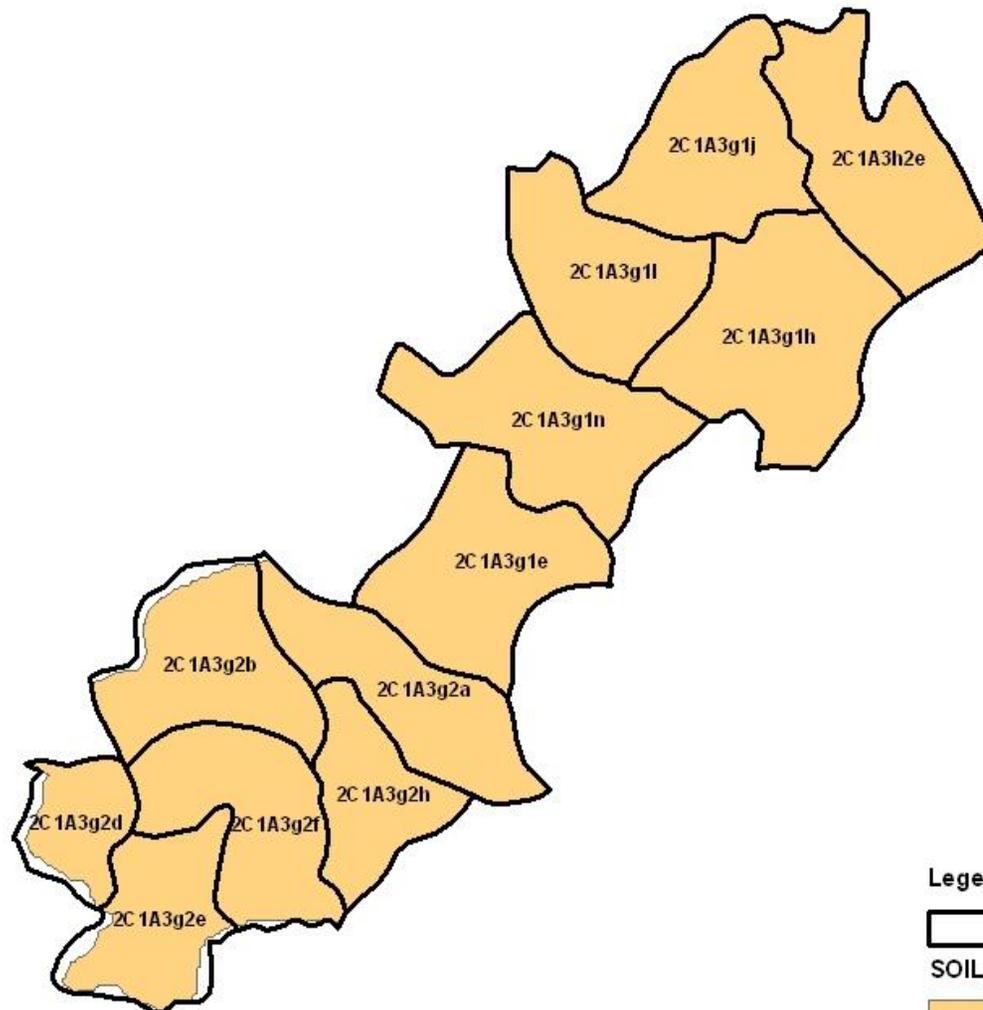
 Forest

 Fallow Land

 Plantation

0 1,200 2,400 4,800 7,200 9,600  
Meters

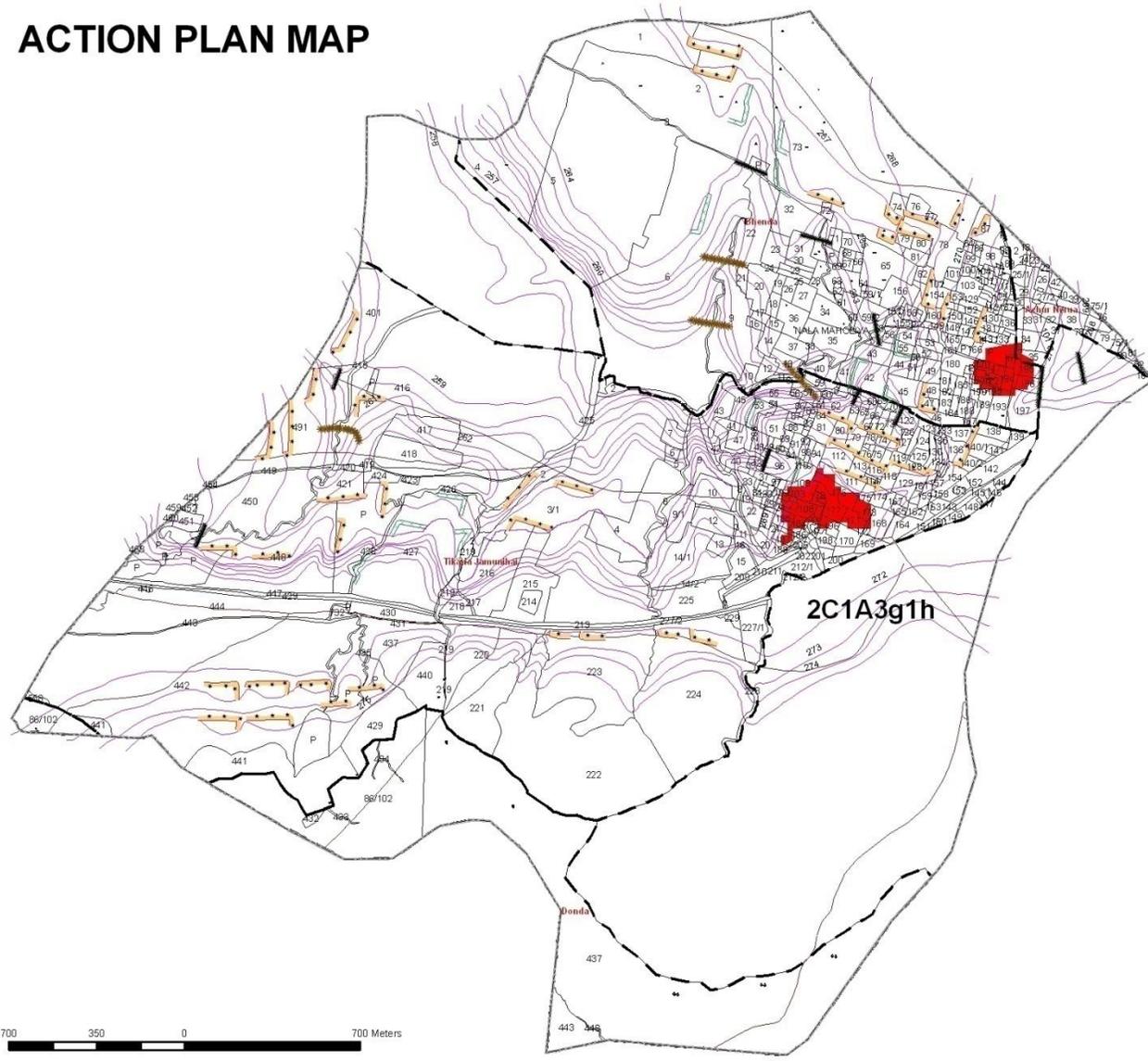
# SOIL EROSION MAP OF THE PROJECT AREA IWMP - XIII (2011 - 2012), DISTRICT - CHITRAKOOT



### Legend

-  WATERSHED BOUNDARY
- SOIL EROSION TYPE**
-  Soil Erosion

# ACTION PLAN MAP



# ACTION PLAN MAP

Project Name - IWM P-XIII (2011-2012)  
 District Name - Chitrakoot  
 WS. Code - 2C1A3g1h

S.No.	Village Name	Area (ha.)
1	Achur Nerua	11.104
2	Bhenda	247.167
3	Donda	89.801
4	Tikaria Jamunihai	464.452
<b>Total Area (ha.)</b>		<b>812.524</b>

### Legend

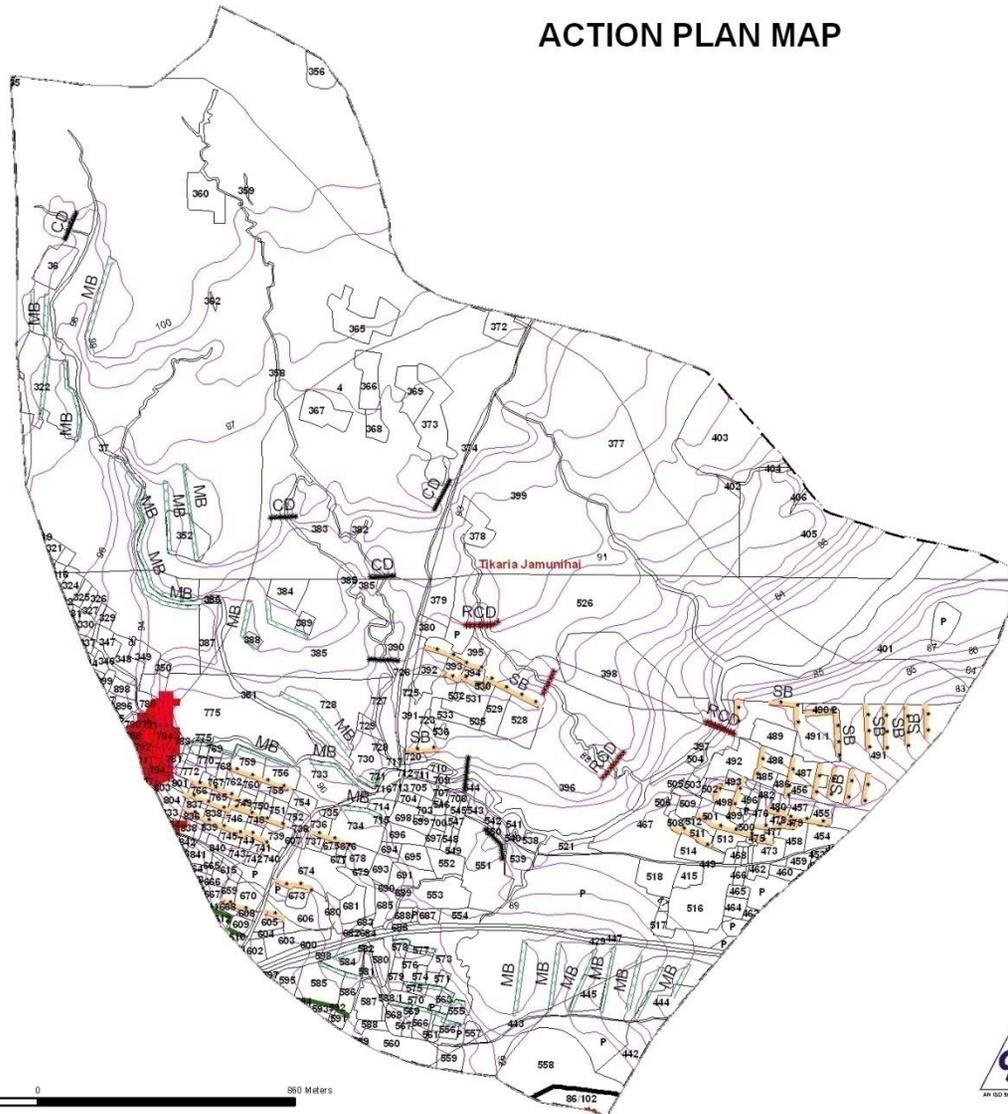
-  Micro Watershed Boundary
-  Contour at 0.5m interval
-  Village Boundary
-  Cadastral Plot
-  Settlement
-  Road
-  check dam
-  marginal bund
-  sub marginal bund
-  waterharvesting bund

# ACTION PLAN MAP



## ACTION PLAN MAP

Project Name - IWM P-XIII (2011-2012)  
 District Name - Chittrakoot  
 WS. Code - 2C1A3g11



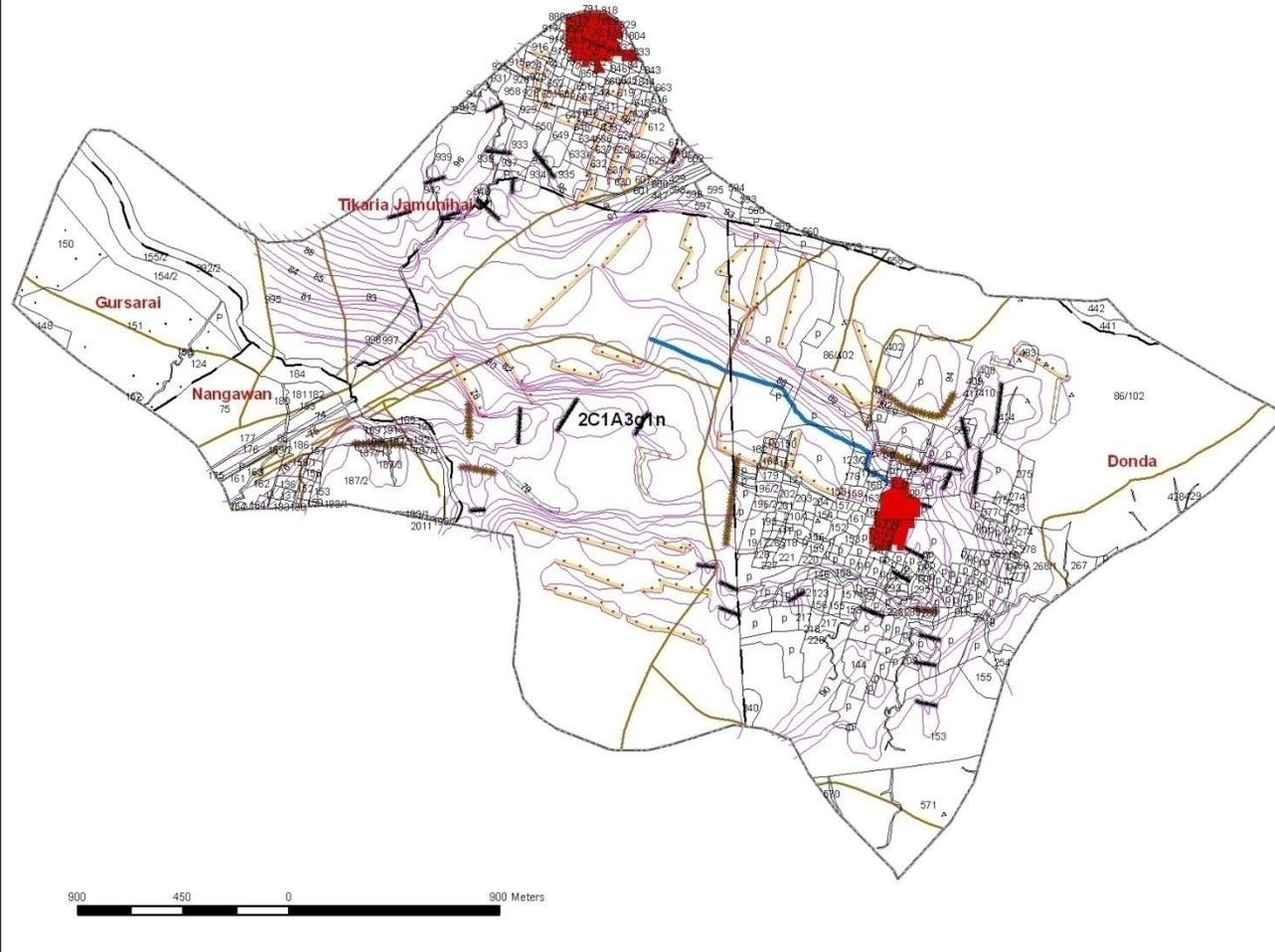
S.No.	Village Name	Area (ha.)
1	Donda	1.679
2	Tikaria Jamunihai	690.396
<b>Total Area (ha.)</b>		<b>692.075</b>

### Legend

-  Micro Watershed Boundary
-  Contour at 1 m interval
-  Village Boundary
-  Cadastral Plot
-  Settlement
-  Road
-  contour bund
-  check dam
-  marginal bund
-  recharging check dam
-  sub marginal bund



# ACTION PLAN MAP



## ACTION PLAN MAP

Project Name - IWM P-XIII (2011-2012)  
 District Name - Chitrakoot  
 WS. Code - 2C1A3g1n

S.No.	Village Name	Area (ha.)
1	Donda	362.753
2	Gursarai	57.122
3	Nangawan	57.775
4	Tikaria Jamunihai	145.029
<b>Total Area (ha.)</b>		<b>622.679</b>

### Legend

- Micro Watershed Boundary
- Contour at 1m interval
- Village Boundary
- Cadastral Plot
- Settlement
- Canal
- Road
- check dam
- marginal bund
- peripheral bund
- recharging bund
- sub marginal bund

# ACTION PLAN MAP



## ACTION PLAN MAP

Project Name - IWM P-XIII (2011-2012)  
 District Name - Chitrukoot  
 WS. Code - 2C1A3g2a



S.No.	Village Name	Area (ha.)
1	Banbiha	159.994
2	Donda	43.850
3	Itwa Dudauli	67.044
4	Kusumi	107.322
<b>Total Area (ha.)</b>		<b>378.210</b>

### Legend

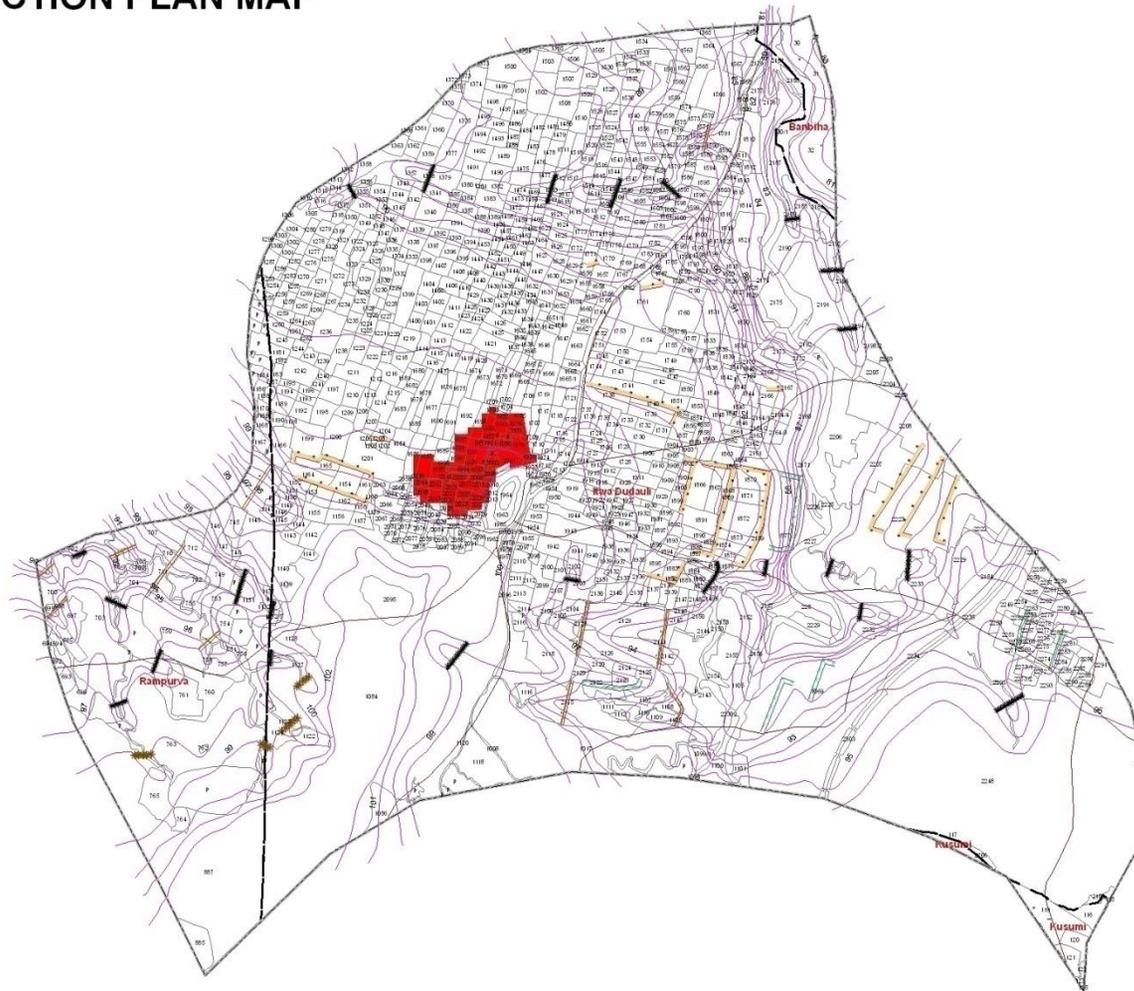
- watershed boundary
- Road
- village boundary
- cadastral plots
- contour
- check dam
- marginal bund
- peripheral bund
- recharging bund
- sub marginal bund
- settlement

# ACTION PLAN MAP



# ACTION PLAN MAP

Project Name - IWM P-XIII (2011-2012)  
 District Name - Chitrakoot  
 WS. Code - 2C1A3g2b

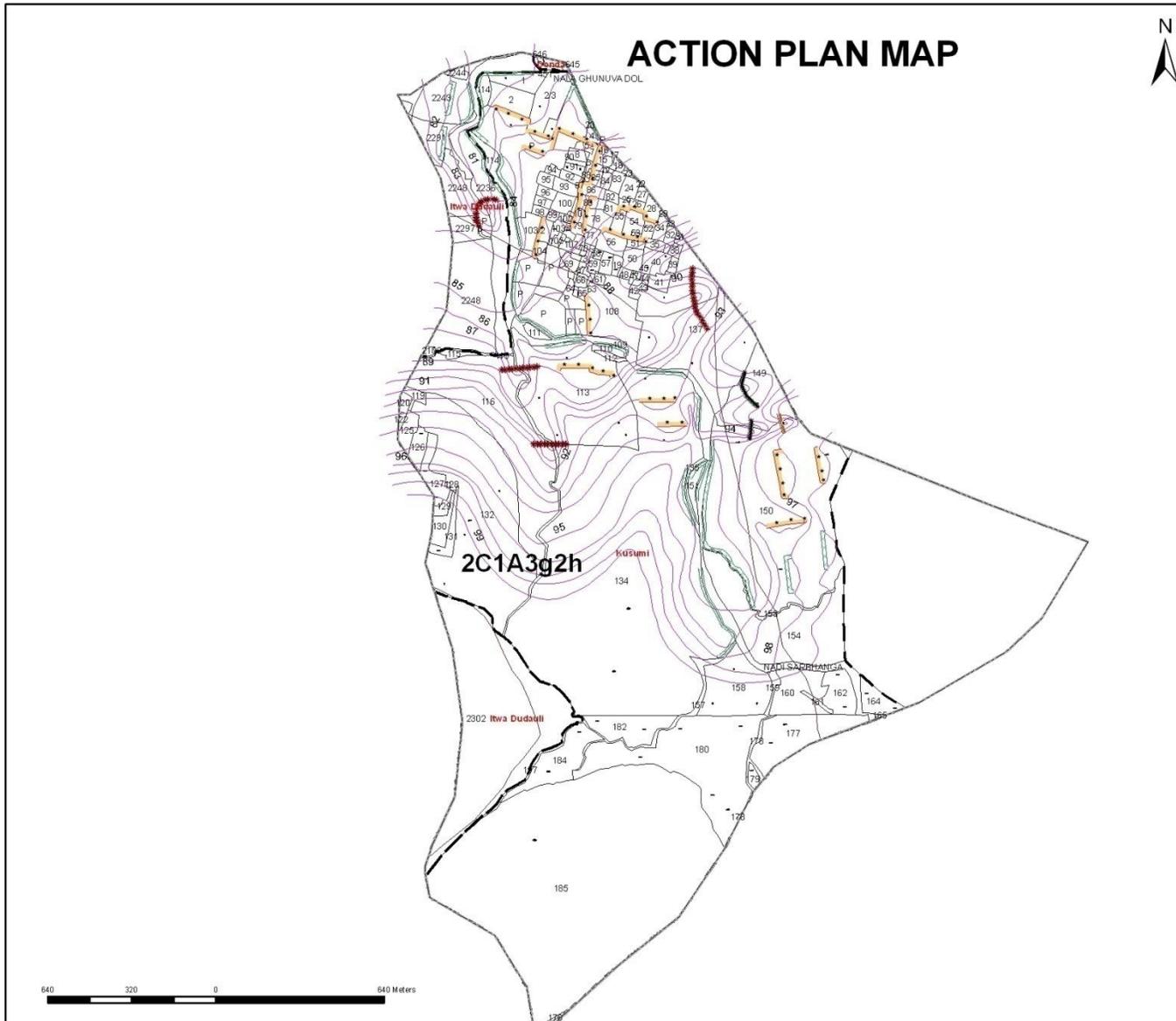


S.No.	Village Name	Area (ha.)
1	Banbiha	9.639
2	Itwa Dudauli	625.814
3	Kusumi	4.922
4	Rampurva	95.777
<b>Total Area (ha.)</b>		<b>736.152</b>

### Legend

- Micro Watershed Boundary
- Contour at 0.5m interval
- Village Boundary
- Cadastral Plot
- Settlement
- Canal
- Road
- check dam
- marginal bund
- sub marginal bund
- MRLBS
- waterharvesting bund

650 325 0 650 Meters



### ACTION PLAN MAP

Project Name - IWM P-XIII (2011-2012)  
 District Name - Chittrakoot  
 WS. Code - 2C1A3g2h

S.No.	Village Name	Area (ha.)
1	Donda	0.528
2	Itwa Dudauli	51.275
3	Kusumi	359.943
<b>Total Area (ha.)</b>		<b>411.746</b>

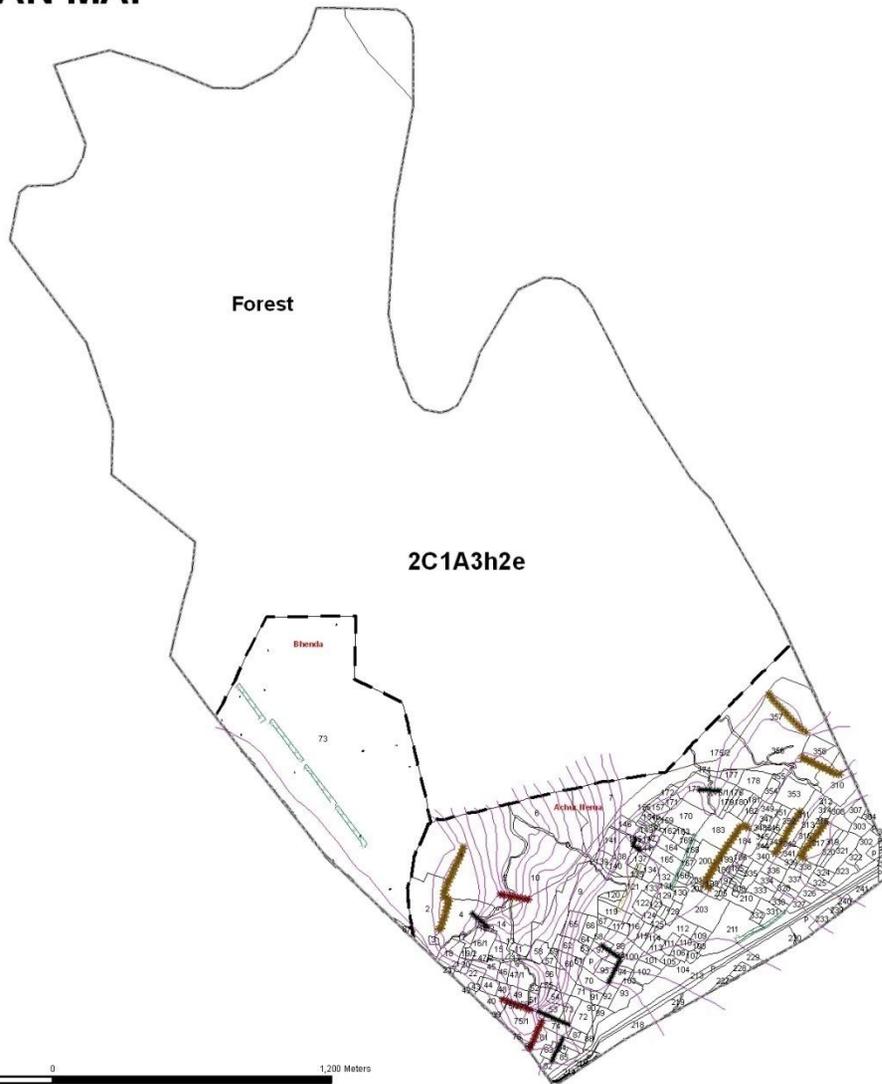
#### Legend

-  Micro Watershed Boundary
-  Contour at 0.1m interval
-  Village Boundary
-  Cadastral Plot
-  Settlement
-  Road
-  check dam
-  Large bund
-  marginal bund
-  Recharging chek dam
-  sub marginal bund

# ACTION PLAN MAP



**ACTION PLAN MAP**  
 Project Name - IWM P-XIII (2011-2012)  
 District Name - Chitrakoot  
 WS. Code - 2C1A3h2e

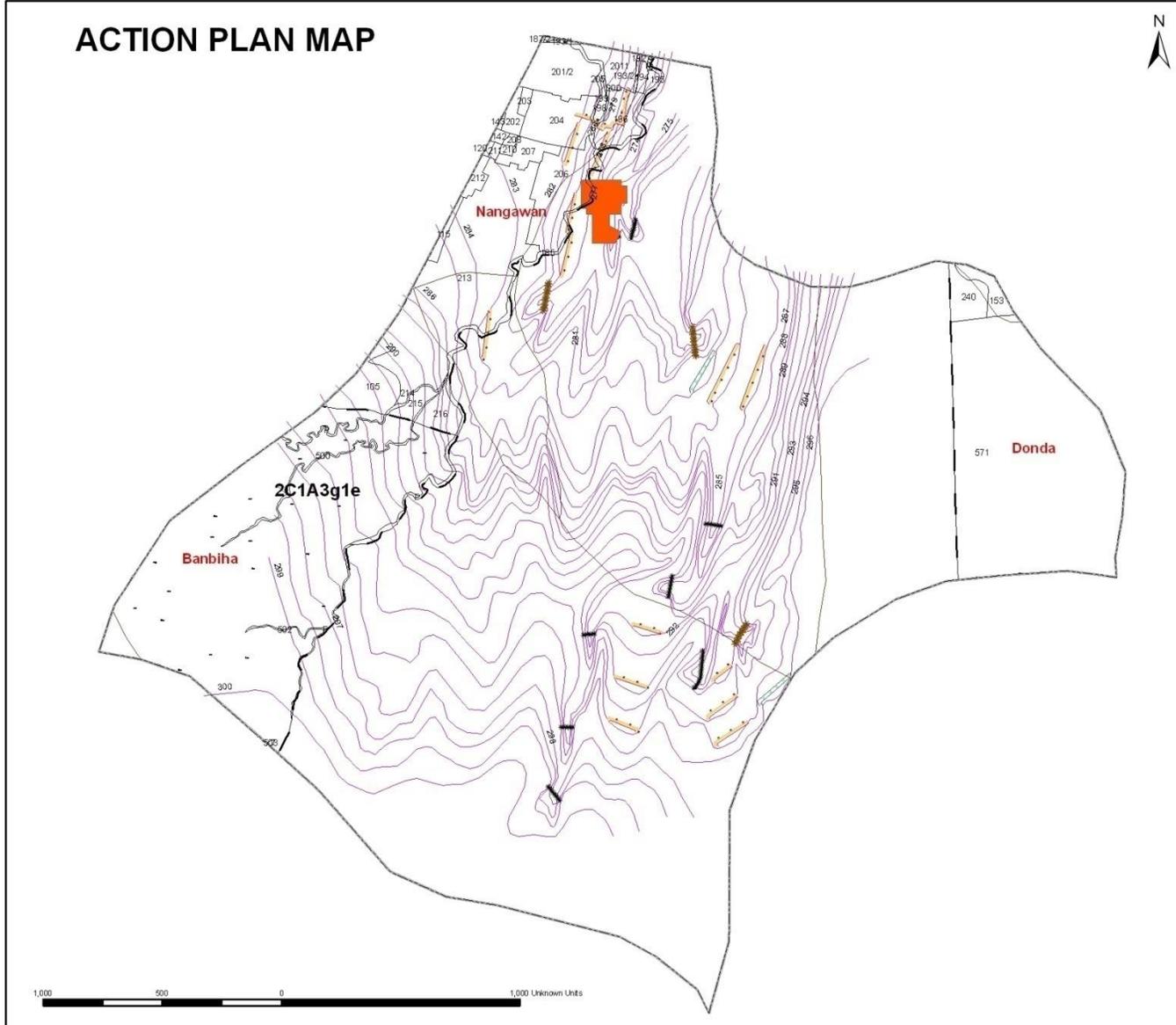


S.No.	Village Name	Area (ha.)
1	Achur Nerua	200.101
2	Bhenda	68.214
<b>Total Area (ha.)</b>		<b>268.314</b>

**Legend**

- Micro Watershed Boundary
- Contour at 0.1m interval
- Village Boundary
- Cadastral Plot
- Settlement
- Road
- check dam
- marginal bund
- peripheral bund
- Recharging check dam
- sub marginal bund

# ACTION PLAN MAP



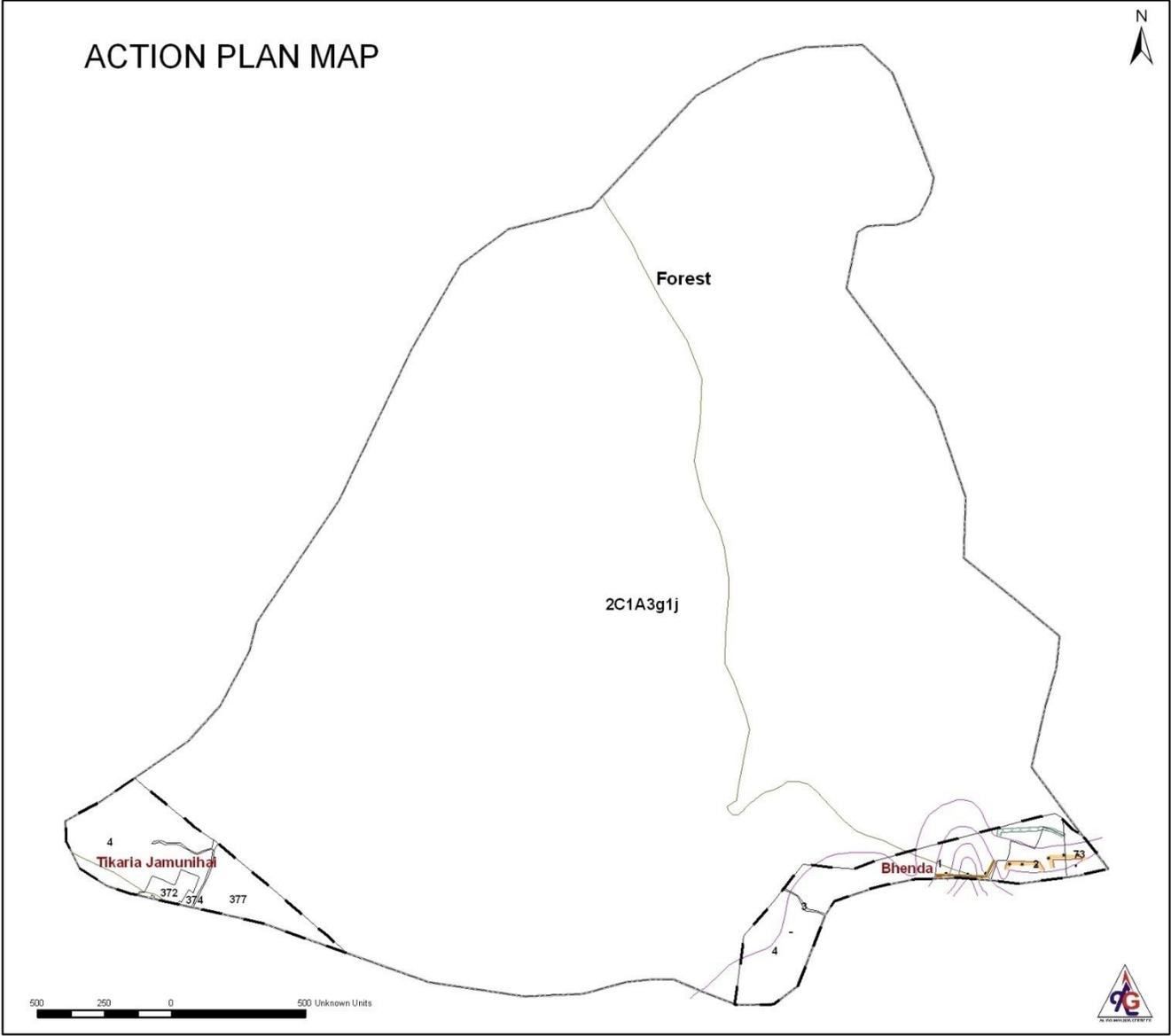
## ACTION PLAN MAP

Project Name - IWM P-XIII (2011-2012)  
 District Name - Chittrakoot  
 WS. Code - 2C1A3g1e

S.No.	Village Name	Area (ha.)
1	Banbiha	100.223
2	Donda	68.165
3	Nangawan	77.175
<b>Total Area (ha.)</b>		<b>245.563</b>

### Legend

-  watershed boundary
-  cadastral plots
-  village boundary
-  Road
-  settlement
-  contour
-  check dam
-  marginal bund
-  recharging check dam
-  sub marginal bund



## ACTION PLAN MAP

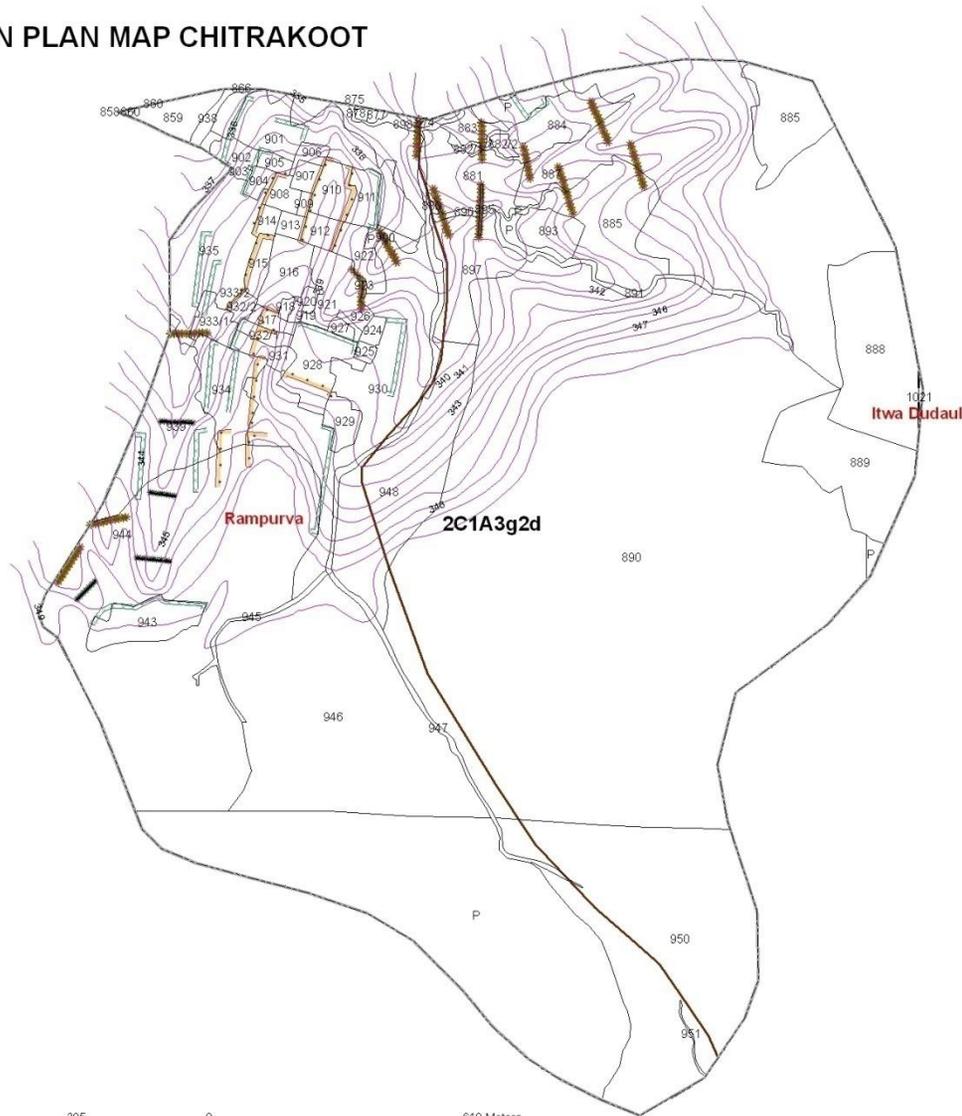
Project Name - IWM P-XIII (2011-2012)  
 District Name - Chitrakoot  
 Code - 2C1A3g1j

S.No.	Village Name	Area (ha.)
1	Bhenda	26.870
2	Tikaria Jamunihai	24.226
<b>Total Area (ha.)</b>		<b>51.096</b>

### Legend

- Watershed boundary
- Village Boundary
- Cadastral plots
- SB
- MB
- WHB
- Road
- contour

# ACTION PLAN MAP CHITRAKOOT



## ACTION PLAN MAP

Project Name - IWM P-XIII (2011-2012)  
 District Name - Chitrakoot  
 WS. Code - 2C1A3g2d

S.No.	Village Name	Area (ha.)
1	Itwa Dudauli	0.080
2	Rampurva	332.787
<b>Total Area (ha.)</b>		<b>332.867</b>

### Legend

- watershed boundary
- village boundary
- cadastral plots
- contour
- Road
- check dam
- marginal bund
- Recharging bund
- sub marginal bund

# ACTION PLAN MAP



# ACTION PLAN MAP

Project Name - IWM P-XIII (2011-2012)  
 District Name - Chitrakoot  
 WS. Code - 2C1A3g2e



S.No.	Village Name	Area (ha.)
1	Itwa Dudauli	380.546
2	Rampurva	196.001
<b>Total Area (ha.)</b>		<b>576.546</b>

### Legend

- Micro Watershed Boundary
- Contour at 0.5m interval
- Village Boundary
- Cadastral Plot
- Settlement
- Canal
- Road
- check dam
- marginal bund
- recharging check dam
- sub marginal bund



# ACTION PLAN MAP



# ACTION PLAN MAP

Project Name - IWM P-XIII (2011-2012)  
 District Name - Chitrakoot  
 Code - 2C1A3g2f

S.No.	Village Name	Area (ha.)
1	Itwa Dudauli	654.670
2	Kusumi	71.517
3	Rampurva	7.152
<b>Total Area (ha.)</b>		<b>733.340</b>

### Legend

- Micro Watershed Boundary
- Contour at 0.5m interval
- Village Boundary
- Cadastral Plot
- Settlement
- Canal
- Road
- check dam
- marginal bund
- sub marginal bund
- waterharvesting bund

**Annexure-1****फेजिंग आई०डब्ल्यू एम०पी०-13**

कोड न०- 2C1A3g1n

विकास खण्ड – मानिकपुर

तहसील- कर्वी

परियोजना का नाम- टिकरिया जमुनिहाई,  
द्वितीयग्राम पंचायत का नाम- टिकरिहा, मनगवॉ,  
डोडा माफी

वर्ष – 2011-12

क्र०सं०	वर्षवार फेजिंग		एन०आर०एम०		अन्य मद वित्तीय (लाख रू०में)	कुल योग	
			भौतिक	वित्तीय		भौतिक	वित्तीय
1	2		3	4	5	6	7
1	2011-12	20 प्रतिशत	108.900	7.307	5.757	108.900	13.064
2	2012-13	25 प्रतिशत	136.124	9.135	7.198	136.124	16.333
3	2013-14	25 प्रतिशत	136.124	9.135	7.198	136.124	16.333
4	2014-15	30 प्रतिशत	163.382	10.969	8.644	163.382	19.205
	योग-		<b>544.530</b>	<b>36.546</b>	<b>28.797</b>	<b>544.53</b>	<b>64.935</b>

## फेजिंग आई०डब्ल्यू एम०पी०-13

कोड न०- 2C1A3g1n

विकास खण्ड - मानिकपुर

तहसील- कर्वी

परियोजना का नाम -  
टिकरिया जमुनिहाई, द्वितीय

ग्राम पंचायत का नाम - डोडा माफी

वर्ष- 2011-12

क्र०सं०	वर्षवार फेजिंग		एन०आर०एम०		अन्य मद वित्तीय (लाख रू०में)	कुल योग	
			भौतिक	वित्तीय		भौतिक	वित्तीय
1	2		3	4	5	6	7
1	2011-12	20 प्रतिशत	84.662	5.823	4.471	84.662	10.294
2	2012-13	25 प्रतिशत	105.827	7.279	5.591	105.827	12.870
3	2013-14	25 प्रतिशत	105.827	7.279	5.591	105.827	12.870
4	2014-15	30 प्रतिशत	126.994	8.738	6.714	126.994	15.452
	<b>योग-</b>		<b>423.310</b>	<b>29.119</b>	<b>22.367</b>	<b>423.31</b>	<b>51.486</b>

## फेजिंग आई०डब्ल्यू एम०पी०-13

कोड न०- 2C1A3g1n

विकास खण्ड - मानिकपुर

तहसील- कर्वी

परियोजना का नाम - टिकरिया जमुनिहाई,  
द्वितीय

ग्राम पंचायत का  
नाम- मनगवाँ

वर्ष- 2011-12

क्र०सं०	वर्षवार फेजिंग		एन०आर०एम०		अन्य मद वित्तीय (लाख रू०में)	कुल योग	
			भौतिक	वित्तीय		भौतिक	वित्तीय
1	2		3	4	5	6	7
1	2011-12	20 प्रतिशत	9.428	0.687	0.500	9.428	1.187
2	2012-13	25 प्रतिशत	11.785	0.859	0.625	11.785	1.484
3	2013-14	25 प्रतिशत	11.785	0.859	0.625	11.785	1.484
4	2014-15	30 प्रतिशत	14.172	1.034	0.750	14.172	1.784
	<b>योग-</b>		<b>47.170</b>	<b>3.439</b>	<b>2.500</b>	<b>47.17</b>	<b>5.939</b>

## फेजिंग आई०डब्ल्यू एम०पी०-13

कोड न०- 2C1A3g1n

विकास खण्ड - मानिकपुर

तहसील- कर्वी

परियोजना का नाम- टिकरिया जमुनिहाई,  
द्वितीय

ग्राम पंचायत का नाम- टिकरिया जमुनिहाई

वर्ष- 2011-12

क्र० सं०	वर्षवार फेजिंग		एन०आर०एम०		अन्य मद वित्तीय (लाख रू०में)	कुल योग	
			भौतिक	वित्तीय		भौतिक	वित्तीय
1	2		3	4	5	6	7
1	2011-12	20 प्रतिशत	14.810	0.797	0.786	14.810	1.583
2	2012-13	25 प्रतिशत	18.512	0.997	0.982	18.512	1.979
3	2013-14	25 प्रतिशत	18.512	0.997	0.982	18.512	1.979
4	2014-15	30 प्रतिशत	22.216	1.197	1.180	22.216	2.377
	<b>योग-</b>		<b>74.050</b>	<b>3.988</b>	<b>3.930</b>	<b>74.05</b>	<b>7.918</b>

## आई०डब्ल्यू एम०पी०-13

परियोजना – टिकरिया जमुनिहाई

विकास खण्ड – मानिकपुर

तहसील– कर्वी

कोड नम्बर– 2C1A3g1n

क्र० सं०	कार्य का नाम	नि०क्षे० हे०	लम्बाई मी०	मृदा कार्य घ०मी०	मृदा कार्य पर व्यय	पक्के कार्य पर व्यय	कुल व्यय	प्रति हे० व्यय
1	2	3	4	5	6	7	8	9
1	C.B	-	-	-	-	-	-	
2	S.B	125.47	6640	18672.00	767900.00	75000.00	842900.00	
3	P.B/M.B	15.52	880	2534.40	104500.00	-	104500.00	
4	C.D	190.640	1950	19303.05	854200.00	400000.00	1254200.00	
5	R.C.D	212.900	990	13279.60	603000.00	850000.00	1453000.00	
	<b>योग-</b>	<b>544.530</b>	<b>10460</b>	<b>53789.050</b>	<b>2329600.00</b>	<b>1325000.00</b>	<b>3654600.00</b>	

## भूमि संरक्षण आकार पत्र-3

(नियम 9) 3 (देखये)

निर्माण कार्यो के परिणाम तथा व्यय के अनुमान  
परियोजना- टिकरिया जमुनिहाई ग्राम- डोडा, गुरुसराल तहसील - कर्वी,  
जिला -चित्रकूट, वर्ष-2011-12

क्र० सं०	निर्माण कार्य का नाम	क्षेत्र जिन्हे लाभ होगा (हे०)	खेतों के खसरा सं० जिसमें निर्माण कार्य सम्पादित हो या किया जावे	विशिष्टियां अनुप्रस्थ क्षेत्र				निर्माण कार्य परिणाम घ.मी.में	मानव दिवस	दर	धनराशि (रु०में)	अभ्युक्ति
				ल०मी०	चौ०मी०	ऊँ०मी०	क्षे० वर्ग०मी०					
1	2	3	4	5	6	7	8	9	10	11	12	13
1	S.B.-1	1.22	917	80	$\frac{3.90+.60}{2}$	1.10	2.47	197.60	82	100	8200.00	
2	S.B.-2	2.12	916	140	"	"	"	345.80	143	"	14300.00	
3	S.B.-3	1.81	846	120	"	"	"	296.40	122	"	12200.00	
4	S.B.-4	2.12	856	140	"	"	"	345.80	143	"	14300.00	
5	S.B.-5	1.81	920, 921	120	"	"	"	296.40	122	"	12200.00	
6	S.B.-6	1.51	652	100	"	"	"	247.00	102	"	10200.00	
7	S.B.-7	2.12	651, 655, 656, 657	140	"	"	"	345.80	143	"	14300.00	
8	S.B.-8	1.22	641	80	"	"	"	197.60	82	"	8200.00	
9	S.B.-9	1.81	642, 643	120	"	"	"	296.40	122	"	12200.00	
10	S.B.-10	1.51	619	100	"	"	"	247.00	102	"	10200.00	
11	S.B.-11	0.90	618	60	"	"	"	148.20	61	"	6100.00	
12	S.B.-12	2.12	613, 616, 623	140	"	"	"	345.80	143	"	14300.00	
13	S.B.-13	1.51	625	100	$\frac{3.40+.60}{2}$	1.10	2.47	247.00	102	100	10200.00	

14	S.B.-14	1.81	632, 637	120	"	"	"	296.40	122	"	12200.00
15	S.B.-15	0.90	634	60	"	"	"	148.20	61	"	6100.00
16	S.B.-16	0.90	633	60	"	"	"	148.20	61	"	6100.00
17	S.B.-17	0.75	631	50	"	"	"	123.50	51	"	5100.00
18	S.B.-18	1.81	635	120	"	"	"	296.40	122	"	12200.00
19	S.B.-19	3.52	404, 403	200	$\frac{4.20+.60}{2}$	1.20	2.88	526.00	237	"	23700.00
20	S.B.-20	4.41	82/1	250	"	"	"	720.00	297	"	29700.00
21	S.B.-21	3.18	82/1	180	"	"	"	518.40	214	"	21400.00
22	S.B.-22	2.12	82/1	120	"	"	"	345.60	143	"	14300.00
23	S.B.-23	4.41	82/1	250	"	"	"	720.00	297	"	29700.00
24	S.B.-24	3.52	80	200	"	"	"	576.00	237	"	23700.00
25	S.B.-25	3.52	15	200	$\frac{4.20+.60.}{2}$	1.20	2.88	576.00	237	100	237003.00
26	S.B.-26	4.41	15	250	"	"	"	720.00	297	"	29700.00
27	S.B.-27	2.64	15	150	"	"	"	432.00	178	"	17800.00
28	S.B.-28	2.47	15	140	"	"	"	403.20	166	"	16600.00
29	S.B.-29	2.64	15	150	"	"	"	432.00	178	"	17800.00
30	S.B.-30	2.64	15	150	"	"	"	432.00	178	"	17800.00
31	S.B.-31	7.06	86	400	"	"	"	1152.00	475	"	47500.00
32	S.B.-32	3.52	52	200	"	"	"	576.00	237	"	23700.00
33	S.B.-33	3.18	52	180	"	"	"	518.40	214	"	21400.00
34	S.B.-34	2.12	56/1, 56/2, 55	120	"	"	"	345.60	143	"	14300.00
35	S.B.-35	2.12	57/1, 57/2	120	"	"	"	345.60	143	"	14300.00
36	S.B.-36	2.74	27	140	"	"	"	403.20	166	"	16600.00
37	S.B.-37	2.12	28	120	$\frac{4.20+.60.}{2}$	1.20	2.88	345.60	143	"	14300.00

38	S.B.-38	3.52	44	200	"	"	"	576.00	237	"	23700.00	
39	S.B.-39	3.52	44	200	"	"	"	576.00	237	"	23700.00	
40	S.B.-40	3.88	442	220	"	"	"	733.60	261	"	26100.00	
41	S.B.-41	20.43	188, 189, 187, 186, 180, 181	400	$\frac{4.80+.60}{2}$	1.40	3.78	1512.00	623	"	62300.00	
42	S.B.-42	3.79	75	250	$\frac{3.90+.60}{2}$	1.10	2.47	617.50	255	"	25500.00	
पक्के पर व्यय											75000.00	
	योग-	<b>125.43</b>		<b>6640.00</b>				<b>18672.20</b>	<b>7679</b>		<b>842900.00</b>	
1	PB-1	3.52	416	200	$\frac{4.20+.60}{2}$	1.20	2.88	576.00	237	100	23700.00	
2	PB-2	1.77	423	100	"	"	"	288.00	119	"	11900.00	
3	PB-3	1.41	133	80	"	"	"	230.40	95	"	9500.00	
4	PB-4	3.52	64	200	"	"	"	576.00	237	"	23700.00	
5	PB-5	3.18	28	180	"	"	"	518.40	214	"	21400.00	
6	PB-6	2.12	135, 136, 137, 138	120	"	"	"	345.60	143	"	14300.00	
	योग-	<b>15.52</b>		<b>880.00</b>				<b>2534.40</b>	<b>1045</b>		<b>104500.00</b>	
1	CD-1	2.02	611, 612	40	$\frac{8.00+.1002}{2}$	1.75	7.87	314.81	136	100	13600.00	
2	CD-2	2.52	944, 948, 931, 930, 939	50	"			393.50	170	"	17000.00	
3	CD-3	3.95	932, 933, 939	60	$\frac{9.00+1.00}{2}$	2.00	10.00	600.00	266	"	26600.00	
4	CD-4	2.64	937, 934, 1/1	40	"			400.00	178	"	17800.00	
5	CD-5	20.16	939, 940, 1/1, 1/2	80	"			800.00	1355	"	135500.00	
6	CD-6	3.95	942, 939	60	"			600.00	266	"	26600.00	

7	CD-7	2.52	939, 942	50	$\frac{8.00+1.00}{2}$	1.75	7.87	393.50	170	"	17000.00	
8	CD-8	3.30	939	50	$\frac{9.00+1.00}{2}$	2.00	10.00	500.00	222	"	22200.00	
9	CD-9	9.89	416	150	"	"	"	1500.00	665	"	66500.00	
10	CD-10	6.60	412, 413,M 414, 415, 408	100	"	"	"	1000.00	444	"	44400.00	
11	CD-11	7.91	392, 375	120	"	"	"	1200.00	532	"	53200.00	
12	CD-12	7.91	393, 395, 396, 397, 390	120	$\frac{10.00+2.00}{2}$	2.00	12.00	1200.00	532	"	53200.00	
13	CD-13	3.95	390, 389	60	$\frac{9.00+1.00}{2}$	2.00	10.00	600.00	266	"	26600.00	
14	CD-14	2.64	387, 384, 340, 339	40	"	2.00	10.00	400.00	178	"	17800.00	
15	CD-15	4.76	325, 326, 102/1, 102/2	60	$\frac{10.00+2.00}{2}$	2.00	12.00	720.00	320	"	32000.00	
16	CD-16	3.95	121, 122, 123, 293/1, 293/2	50	$\frac{10.00+2.00}{2}$	2.00	12.00	600.00	266	100	26600.00	
17	CD-17	3.30	237, 131	50	$\frac{9.00+1.00}{2}$	2.00	10.00	500.00	222	"	22200.00	
18	CD-18	2.02	244	40	$\frac{8.00+1.00}{2}$	1.75	7.87	314.81	136	"	13600.00	
19	CD-19	2.64	244, 251	40	$\frac{9.00+1.00}{2}$	2.00	10.00	400.00	178	"	17800.00	
20	CD-20	3.30	251, 248, 246	50	"	2.00	10.00	500.00	222	"	22200.00	
21	CD-21	2.02	235	40	$\frac{8.00+1.00}{2}$	1.75	7.87	314.81	136	"	13600.00	
22	CD-22	2.02	52	40	"	1.75	7.87	314.81	136	"	13600.00	

23	CD-23	2.02	54	40	"	1.75	7.87	314.81	136	"	13600.00	
24	CD-24	2.02	54, 61, 62	40	"	1.75	7.87	314.81	136	"	13600.00	
25	CD-25	21.48	22, 65, 68	100	$\frac{9.00+1.00}{2}$	2.00	10.00	1000.00	1444	"	144400.00	
26	CD-26	24.37	15, 22	120	$\frac{10.00+2.00}{2}$	2.00	12.00	1448.00	1638	"	163800.00	
27	CD-27	24.53	21, 15	100	$\frac{10.0+2.00}{2}$	2.20	14.08	1408.00	1649	"	164900.00	
28	CD-28	3.03	28, 29, 30	60	$\frac{8.00+1.00}{2}$	1.75	7.87	472.20	204	"	20400.00	
29	CD-29	5.04	633, 636, 647, 650	100	$\frac{8.00+1.00}{2}$	1.75	7.87	787.00	339	"	33900.00	
	<b>योग-</b>	<b>190.64</b>		<b>1950.00</b>				<b>19303.05</b>	<b>12542</b>	"	<b>1254200.00</b>	
1	RCD-1	26.75	402, 404, 406	150	$\frac{10.00+2.00}{2}$	2.00	12.00	1800.00	1798	100	179800.00	
2	RCD-2	24.37	87/1, 88/1, 89, 87/2	120	$\frac{10.00+2.00}{2}$	2.00	12.00	1440.00	1638	"	163800.00	
3	RCD-3	47.38	196/2, 196/3, 194, 195/1, 195/2, 196, 197 to 232	250	$\frac{11.00+2.00}{2}$	2.25	14.62	3655.00	3184	"	318400.00	
4	RCD-4	43.38	192	250	$\frac{11.00+2.00}{2}$	2.25	14.62	3655.00	3184	"	318400.00	
5	RCD-5	18.83	247, 250, 249	60	$\frac{9.00+1.00}{2}$	2.00	10.00	600.00	1266	"	126600.00	
6	RCD-6	21.22	28, 192	80	$\frac{10.00+2.00}{2}$	2.00	12.00	960.00	1426	"	142600.00	
7	RCD-7	30.26	19, 20, 15	80	$\frac{11.00+2.00}{2}$	2.25	14.62	1169.60	2034	"	203400.00	
	<b>योग-</b>	<b>212.19</b>		<b>990</b>				<b>13279.60</b>			<b>1453000</b>	

आई०डब्ल्यू एम०पी०-13 अनुमानित व्यय लेखा सारांश

कोड नम्बर- 2CA13g1n

ग्राम - डोडा माफी तहसील - कर्वी

जिला - चित्रकूट

क्र० सं०	कार्य का नाम	नि० क्षेत्र हे०	लम्बाई मी०	मृदा कार्य घ०मी०	मृदा कार्य पर व्यय	पक्के कार्य पर व्यय	कुल व्यय	प्रति हे० व्यय
1	2	3	4	5	6	7	8	9
A	<b>NRM</b>	-	-	-	-	-	-	-
1	SB	93.73	4540	13485.00	553800.00	75000.00	628800.00	
2	MB/PB	15.52	880	2534.40	104500.00	-	104500.00	
3	CD	144.54	1420	14514.25	644000.00	300000.00	944000.00	
4	RCD	169.52	740	9624.60	434600.00	800000.00	1134600.00	
	<b>योग</b>	<b>423.31</b>	<b>7580</b>	<b>40158.25</b>	<b>1736900.00</b>	<b>1175000.00</b>	<b>2911900.00</b>	

## भूमि संरक्षण आकार पत्र-3

(नियम 9) 3 (देखये)

निर्माण कार्यो के परिणाम तथा व्यय के अनुमान

कोड संख्या- 2C1A3g1n    ग्राम - डोड़ा    तहसील - कर्वी,    जिला - चित्रकूट,    वर्ष-2011-12

क्र० सं०	निर्माण कार्य का नाम	क्षेत्र जिन्हे लाभ होगा (हे०)	खेतों के खसरा सं० जिसमें निर्माण कार्य सम्पादित हो या किया जावे	विशिष्टियां				निर्माण कार्य परिणाम घ.मी. में	मानव दिवस	दर	धनराशि (रु०में)	अभ्युक्ति
				अनुप्रस्थ क्षेत्र								
				ल०मी०	चौ०मी०	ऊँ०मी०	क्षे० वर्ग०मी०					
1	2	3	4	5	6	7	8	9	10	11	12	13
1	S.B.- 19	3.52	404, 403	200	$\frac{4.20+.60}{2}$	1.20	2.88	526.00	237	100	23700.00	
2	S.B.- 20	4.41	82/1	250	"	1.20	2.88	720.00	297	"	29700.00	
3	S.B.- 21	3.18	82/2	180	"	1.20	2.88	518.40	214	"	21400.00	
4	S.B.- 22	2.12	82/1	120	"	1.20	2.88	345.60	143	"	14300.00	
5	S.B.- 23	4.41	82/1	250	"	1.20	2.88	720.00	297	"	29700.00	
6	S.B.- 24	3.52	80	200	"	1.20	2.88	576.00	237	"	23700.00	
7	S.B.- 25	3.52	15	200	"	1.20	2.88	576.00	237	"	23700.00	
8	S.B.- 26	4.41	15	250	"	1.20	2.88	720.00	297	"	29700.00	

## भूमि संरक्षण आकार पत्र-3

(नियम 9) 3 (देखये)

निर्माण कार्यों के परिणाम तथा व्यय के अनुमान

कोड संख्या- 2C1A3g1n    ग्राम - डोड़ा    तहसील - कर्वी,    जिला - चित्रकूट,    वर्ष-2011-12

क्र० सं०	निर्माण कार्य का नाम	क्षेत्र जिन्हे लाभ होगा (हे०)	खेतों के खसरा सं० जिसमें निर्माण कार्य सम्पादित हो या किया जावे	विशिष्टियां				निर्माण कार्य परिणाम घ.मी.में	मानव दिवस	दर	धनराशि (रू०में)	अभ्युक्ति
				अनुप्रस्थ क्षेत्र								
				ल०मी०	चौ०मी०	ऊँ०मी०	क्षे० वर्ग०मी०					
1	2	3	4	5	6	7	8	9	10	11	12	13
9	S.B.- 27	2.64	15	150	$\frac{4.20+.60}{2}$	1.20	2.88	432.00	176	100	17800.00	
10	S.B.- 28	2.47	15	140	"	1.20	2.88	403.00	166	"	16600.00	
11	S.B.- 29	2.64	15	150	"	1.20	2.88	432.00	178	"	17800.00	
12	S.B.- 30	2.64	15	150	"	1.20	2.88	432.00	178	"	17800.00	
13	S.B.- 31	7.06	86	400	"	1.20	2.88	1152.00	475	"	47500.00	
14	S.B.- 32	3.52	52	200	"	1.20	2.88	576.00	237	"	23700.00	
15	S.B.- 33	3.18	52	180	"	1.20	2.88	518.40	214	"	21400.00	
16	S.B.- 34	2.12	56/1,56/2,55	120	"	1.20	2.88	345.60	143	"	14300.00	
17	S.B.- 35	2.12	57/1, 57/2	120	"	1.20	2.88	345.60	143	"	14300.00	
18	S.B.- 36	2.74	27	140	"	1.20	2.88	403.20	166	"	16600.00	
19	S.B.- 37	2.12	28	120	"	1.20	2.88	345.60	143	"	143000.00	

## भूमि संरक्षण आकार पत्र-3

(नियम 9) 3 (देखये)

**कोड संख्या- 2C1A3g1n    ग्राम -डोड़ा    तहसील - कर्वी,    जिला - चित्रकूट,    वर्ष-2011-12**

क्र० सं०	निर्माण कार्य का नाम	क्षेत्र जिन्हे लाभ होगा (हे०)	खेतों के खसरा सं० जिसमें निर्माण कार्य सम्पादित हो या किया जावे	विशिष्टियां				निर्माण कार्य परिणाम घ. मी.में	मानव दिवस	दर	धनराशि (रु०में)	अभ्युक्ति
				अनुप्रस्थ क्षेत्र								
				ल० मी०	चौ० मी०	ऊँ० मी०	क्षे० वर्ग० मी०					
1	2	3	4	5	6	7	8	9	10	11	12	13
20	S.B.- 38	3.52	27	200	$\frac{4.20+60}{2}$	1.20	2.88	576.00	237	100	23700.00	
21	S.B.- 39	3.52	28	200	"	1.20	2.88	576.00	237	"	237020.00	
22	S.B.- 40	3.88	29	220	"	1.20	2.88	733.00	261	"	26100.00	
23	S.B.- 41	20.43	30	400	"	1.40	3.78	1512.00	623	"	62300.00	
	<b>योग-</b>	<b>93.73</b>		<b>4540</b>	"			<b>13485.20</b>	<b>5538</b>		<b>553800.00</b>	
	<b>पक्के पर व्यय</b>										<b>75000.00</b>	
	<b>कुल योग-</b>	<b>93.73</b>	<b>4540</b>					<b>13485.20</b>	<b>5538</b>		<b>628800.00</b>	

## भूमि संरक्षण आकार पत्र-3

(नियम 9) 3 (देखिये)

निर्माण कार्यों के परिणाम तथा व्यय के अनुमान

कोड संख्या- 2C1A3g1n

ग्राम -डोड़ा

तहसील -कर्वी, जिला -चित्रकूट, वर्ष-2011-12

क्र० सं०	निर्माण कार्य का नाम	क्षेत्र जिन्हे लाभ होगा (हे०)	खेतों के खसरा सं० जिसमें निर्माण कार्य सम्पादित हो या किया जावे	विशिष्टियां				निर्माण कार्य परिणाम घ. मी.में	मानव दिवस	दर	धनराशि (रु०में)	अभ्युक्ति
				अनुप्रस्थ क्षेत्र								
				ल० मी०	चौ०मी०	ऊँ०मी०	क्षे० वर्ग०मी०					
1	2	3	4	5	6	7	8	9	10	11	12	13
1	PB-1	3.52	416	200	$\frac{4.20+60}{2}$	1.20	2.88	476.00	237	100	23700.00	
2	PB-2	1.77	423	100	"	1.20	2.88	288.00	119	"	11900.00	
3	PB-3	1.41	133	80	"	1.20	2.88	230.40	95	"	9500.00	
4	PB-4	3.52	64	200	"	1.20	2.88	576.00	237	"	23700.00	
5	PB-5	3.18	28	180	"	1.20	2.88	518.40	214	"	21400.00	
6	PB-6	2.12	135, 136 137, 138	120	"	1.20	2.88	345.60	143	"	14300.00	
	<b>योग-</b>	<b>15.52</b>		<b>880</b>				<b>2534.90</b>	<b>1045</b>		<b>104500.00</b>	

## भूमि संरक्षण आकार पत्र-3

(नियम 9) 3 (देखये)

निर्माण कार्यों के परिणाम तथा व्यय के अनुमान

कोड संख्या- 2C1A3g1n

ग्राम- डोड़ा

तहसील-कर्वी,

जिला-चित्रकूट,

वर्ष-2011-12

क्र० सं०	निर्माण कार्य का नाम	क्षेत्र जिन्हे लाभ होगा (हे०)	खेतों के खसरा सं० जिसमें निर्माण कार्य सम्पादित हो या किया जावे	विशिष्टियां				निर्माण कार्य परिणाम घ. मी.में	मानव दिवस	दर	धनराशि (रु०में)	अभ्युक्ति
				अनुप्रस्थ क्षेत्र								
				ल०मी०	चौ०मी०	ऊँ० मी०	क्षे० वर्ग० मी०					
1	2	3	4	5	6	7	8	9	10	11	12	13
1	CD-9	9.89	416	150	$\frac{9.0+1.00}{2}$	2.00	10.00	1500.00	66500	-	66500.00	
2	CD-10	6.60	412, 413, 414, 415, 408	100	$\frac{9.0+1.00}{2}$	2.00	10.00	1000.00	44400	-	44400.00	
3	CD-11	7.91	392, 375	120	$\frac{9.0+1.00}{2}$	2.00	10.00	1200.00	53200	-	53200.00	
4	CD-12	7.91	393, 395, 396, .397, 390	100	$\frac{10.0+1.2}{2}$	2.00	12.00	1200.00	53200	-	53200.00	
5	CD-13	3.95	390, 389	60	$\frac{9.0+1.00}{2}$	2.00	10.00	600.00	26600	-	26600.00	
6	CD-14	2.64	387, 384, 340, 339	40	$\frac{9.0+1.00}{2}$	2.00	10.00	400.00	17800	-	17800.00	
7	CD-15	4.76	325, 326, 101/1, 102/2	60	$\frac{10.0+1.2}{2}$	2.00	12.00	720.00	32000	-	32000.00	

8	CD-16	3.95	121, 122, 123, 293/1, 293/2	50	$\frac{10.0+1.2}{2}$	2.00	12.00	600.00	26600	-	26600.00	
9	CD-17	3.30	237, 131	50	$\frac{9.0+1.00}{2}$	2.00	10.00	500.00	27200	-	27200.00	
10	CD-18	2.02	244	40	$\frac{8.0+1.00}{2}$	1.75	7.87	314.80	13600	-	13600.00	
11	CD-19	2.64	244, 251	40	$\frac{9.0+1.00}{2}$	2.00	10.00	400.00	17800	-	17800.00	
12	CD-20	3.30	251, 248, 246	50	$\frac{9.0+1.00}{2}$	2.00	10.00	500.00	22200	-	22200.00	
13	CD-21	2.02	235	40	$\frac{8.0+1.00}{2}$	1.75	7.87	314.80	13600	-	13600.00	
14	CD-22	2.02	52	40	$\frac{8.0+1.00}{2}$	1.75	7.87	314.80	13600	-	13600.00	
15	CD-23	2.02	54	40	$\frac{8.0+1.00}{2}$	1.75	7.87	314.80	13600	-	13600.00	
16	CD-24	2.02	54, 61, 62	40	$\frac{8.0+1.00}{2}$	1.75	7.87	314.80	13600	-	13600.00	
17	CD-25	21.48	22, 65, 68	100	$\frac{9.0+1.00}{2}$	2.00	10.00	1000.00	44400	1000 00	144400.00	
25	CD-26	24.37	15, 22	120	$\frac{10.0+1.2}{2}$	2.00	12.00	1440.00	63200	1000 00	100000.00	
25	CD-27	24.53	21, 15	100	$\frac{10.8+2.0}{2}$	2.20	14.08	1408.00	64900	1000 00	100000.00	
25	CD-28	3.03	28, 29, 30	60	$\frac{8.00+1.0}{2}$	1.75	7.87	472.20	20400	-	20400.00	
	<b>योग-</b>	<b>144.54</b>		<b>1420</b>				<b>14514.25</b>	<b>148500</b>		<b>944000.00</b>	

भूमि संरक्षण आकार पत्र-3

(नियम 9) 3 (देखये)

निर्माण कार्यो के परिणाम तथा व्यय के अनुमान

कोड सं०- 2C1A3g1n

ग्राम-डोडा

तहसील-कर्वी,

जिला-चित्रकूट,

वर्ष-2011-12

क्र० सं०	निर्माण कार्य का नाम	क्षेत्र जिन्हे लाभ होगा (हे०)	खेतों के खसरा सं० जिसमें निर्माण कार्य सम्पादित हो या किया जावे	विशिष्टियां				निर्माण कार्य परिणाम घ.मी.में	कच्चे कार्य पर व्यय	पक्के कार्य पर व्यय	धनराशि (रु०में)	अभ्युक्ति
				अनुप्रस्थ क्षेत्र								
				ल० मी०	चौ०मी०	ऊँ० मी०	क्षे० वर्ग० मी०					
1	2	3	4	5	6	7	8	9	10	11	12	13
1	RCD-1	26.75	402, 404, 406	150	$\frac{10.00+12.00}{2}$	2.00	12.00	1800.00	79800	100000	179800	
2	RCD-2	24.37	87/1, 88/1, 89, 87/2	120	"	2.00	12.00	1440.00	63800	100000	163800	
3	RCD-3	47.38	196/2, 196/3, 194, 195/1, 195/2, 196, 197 TO 232	250	$\frac{11.00+2.00}{2}$	2.25	14.62	3655.00	168400	150000	318400	
4	RCD-4	18.83	247, 250, 249	60	$\frac{9.00+1.00}{2}$	2.00	10.00	600.00	26600	100000	126600	
5	RCD-5	21.22	28, 192	80	$\frac{10.00+12.00}{2}$	2.00	12.00	960.00	42600	100000	142600	
6	RCD-6	30.26	19, 20, 15	80	$\frac{11.00+2.00}{2}$	2.25	14.62	1169.60	53400	150000	203400	
	योग	169.52		740		12.50	75.24	9624.60	434600	700000	1134600	

## आई०डब्ल्यू एम०पी०-13 अनुमानित व्यय लेखा सारांश

कोड नम्बर- 2CA1A3g1n

ग्राम-टिकरिया जमुनिहाई तहसील-कर्वी जिला-चित्रकूट

(वर्ष 2011-12)

क्र०सं०	कार्य का नाम	नि०क्षे० हे०	लम्बाई मी०	मृदा कार्य घ०मी०	मृदा कार्य पर व्यय	पक्के कार्य पर व्यय	कुल व्यय	प्रति हे० व्यय
1	2	3	4	5	6	7	8	9
A	<b>NRM</b>	-	-	-	-	-	-	-
1	SB	27.95	1820	4569.50	188600.00	-	188600.00	
2	CD	46.10	530	4788.80	210200.00	-	210200.00	
	<b>योग</b>	<b>74.05</b>	<b>2350</b>	<b>9358.30</b>	<b>398800.00</b>	-	<b>398800.00</b>	

भूमि संरक्षण आकार पत्र-3

(नियम 9) 3 (देखये)

निर्माण कार्यो के परिणाम तथा व्यय के अनुमान

कोड सं०- 2C1A3g1n ग्राम-टिकरिया जमुनिहाई तहसील-कर्वी, जिला-चित्रकूट, वर्ष-2011-12

क्र० सं०	निर्माण कार्य का नाम	क्षेत्र जिन्हे लाभ होगा (हे०)	खेतों के खसरा सं० जिसमें निर्माण कार्य सम्पादित हो या किया जावे	विशिष्टियां				निर्माण कार्य परिणाम घ.मी.में	मानव दिवस	दर	धनराशि (रु०में)	अभ्युक्ति
				अनुप्रस्थ क्षेत्र								
				ल०मी०	चौ०मी०	ऊँ० मी०	क्षे० वर्ग०मी०					
1	2	3	4	5	6	7	8	9	10	11	12	13
1	S.B.- 1	1.22	917	80	$\frac{3.90+1.6}{2}$	1.10	2.47	197.60	82	100	8200.00	
2	S.B.- 2	2.12	916	140	"	1.10	2.47	345.80	143	"	14300.00	
3	S.B.- 3	1.81	846	120	"	1.10	2.47	296.40	122	"	12200.00	
4	S.B.- 4	2.12	856	140	"	1.10	2.47	345.80	143	"	14300.00	
5	S.B.- 5	1.81	920, 921	120	"	1.10	2.47	296.40	122	"	12200.00	
6	S.B.- 6	1.51	652	100	"	1.10	2.47	247.00	102	"	10200.00	
7	S.B.- 7	2.12	651, 655, 656, 657	140	"	1.10	2.47	345.80	143	"	14300.00	
8	S.B.- 8	1.22	641	80	"	1.10	2.47	197.60	82	"	8200.00	
9	S.B.- 9	1.81	642, 643	120	"	1.10	2.47	296.40	122	"	12200.00	
10	S.B.- 10	1.51	619	100	"	1.10	2.47	247.00	102	"	10200.00	
11	S.B.- 11	0.90	618	60	"	1.10	2.47	148.20	61	"	6100.00	
12	S.B.- 12	2.12	613, 616, 623	140	"	1.10	2.47	345.80	143	"	14300.00	
13	S.B.- 13	1.51	625	100	"	1.10	2.47	247.00	102	"	10200.00	
14	S.B.- 14	1.81	632, 637	120	"	1.10	2.47	296.40	122	"	12200.00	

15	S.B.- 15	0.90	634	60	"	1.10	2.47	148.20	61	"	6100.00	
16	S.B.- 16	0.90	633	60	"	1.10	2.47	148.20	61	"	6100.00	
17	S.B.- 17	0.75	631	50	"	1.10	2.47	123.50	51	"	5100.00	
18	S.B.- 18	1.81	635	120	"	1.10	2.47	296.40	122	"	12200.00	
	<b>योग</b>	<b>27.95</b>		<b>1850.0</b>		<b>19.80</b>	<b>44.46</b>	<b>4569.5</b>			<b>188600.0</b>	
1	CD-1	2.02	611. 612	40	$\frac{8.00+1.00}{2}$	1.75	7.87	314.81	136	100	13600.00	
2	CD-2	2.52	944, 948, 931, 930, 939	50	"	1.75	7.87	393.50	170	"	17000.00	
3	CD-3	3.95	932, 933, 939	60	"	1.75	7.87	600.00	266	"	26600.00	
4	CD-4	2.64	937, 934, 1/1	40	"	1.75	7.87	400.00	178	"	17800.00	
5	CD-5	20.16	937, 940 1/1, 1/2	80	"	1.75	7.87	800.00	355	"	35500.00	
6	CD-6	3.95	942, 939	60	"	1.75	7.87	600.00	266	"	26600.00	
7	CD-7	2.52	939, 942	50	"	1.75	7.87	393.50	170	"	17000.00	
8	CD-8	3.30	939	50	$\frac{9.00+1.00}{2}$	2.00	10.00	500.00	222	"	22200.00	
9	CD-9	5.04	633, 636, 647, 650	100	"	1.75	7.87	787.00	339	"	33900.00	
	<b>योग</b>	<b>46.10</b>		<b>530.00</b>		<b>16.00</b>	<b>72.96</b>	<b>4788.81</b>			<b>210200.0</b>	

## आई०डब्ल्यू एम०पी०-13 अनुमानित व्यय लेखा सारांश

कोड नम्बर- 2CA1A3g1n

ग्राम- मनगवाँ

तहसील-कवी

जिला-चित्रकूट

(वर्ष 2011-12)

क्र० सं०	कार्य का नाम	नि० क्षे० हे०	लम्बाई मी०	मृदा कार्य घ० मी०	मृदा कार्य पर व्यय	पक्के कार्य पर व्यय	कुल व्यय	प्रति हे० व्यय
1	2	3	4	5	6	7	8	9
A	<b>NRM</b>	-	-	-	-	-	-	-
1	SB	3.79	250	670.50	25500.00	-	25500.00	
2	CD	43.38	250	3655.00	168400.00	150000.00	318400.00	
	<b>योग</b>	<b>47.17</b>	<b>500</b>	<b>4325.50</b>	<b>193900.00</b>	<b>150000.00</b>	<b>343900.00</b>	

भूमि संरक्षण आकार पत्र-3

(नियम 9) 3 (देखये)

निर्माण कार्यो के परिणाम तथा व्यय के अनुमान

कोड सं०- 2C1A3g1n    ग्राम-मनगवॉ    तहसील-कर्वी, जिला-चित्रकूट,    वर्ष-2011-12

क्र० सं०	निर्माण कार्य का नाम	क्षेत्र जिन्हे लाभ होगा (हे०)	खेतों के खसरा सं० जिसमें निर्माण कार्य सम्पादित हो या किया जावे	विशिष्टियां				निर्माण कार्य परिणाम घ.मी.में	मानव दिवस	दर	धनराशि (रु०में)	अभ्युक्ति
				अनुप्रस्थ क्षेत्र								
				ल० मी०	चौ०मी०	ऊँ० मी०	क्षे० वर्ग०मी०					
1	2	3	4	5	6	7	8	9	10	11	12	13
1	S.B.- 42	3.79	75	250	$\frac{3.90+1.60}{2}$	1.10	2.47	617.50	255	100	25500.00	
	<b>योग</b>	<b>3.79</b>		<b>250.00</b>		<b>1.10</b>	<b>2.47</b>	<b>617.50</b>			<b>25500.00</b>	
1	RCD-4	43.38	192	250	$\frac{11.00+2.00}{2}$	2.25	14.62	3655.00	1684	100	168400.00	
	<b>योग</b>	<b>43.38</b>		<b>250.00</b>		<b>2.25</b>	<b>14.62</b>	<b>3655.00</b>			<b>168400.00</b>	

**CHAPTER -12**  
**ABBREVIATIONS/  
REFERENCES**

## **LIST OF ABBRIVIATIONS/REFERENCES**

<b>AG</b>	Department of Agriculture
<b>DOLR</b>	Department of Land Resources
<b>IWMP</b>	Integrated Watershed Management Programme
<b>SLNA</b>	State Level Nodal Agency
<b>CGL</b>	Common Guidelines
<b>PIA</b>	Project Implementing Agency
<b>BSA</b>	Bhoomi Sanrakshan Adhikari
<b>WDT</b>	Watershed Development Team
<b>WC</b>	Watershed Committee
<b>UC</b>	User Group
<b>SHG</b>	Self Help Group
<b>CB</b>	Contour Bund
<b>MB</b>	Marginal Bund
<b>PB</b>	Peripheral Bund
<b>CD</b>	Check Dam

### **REFERENCES**

- Common Guideline of watershed development-2008.
- Jila Sankhikiya Patrika
- Census 2001
- Kols of Patha: Amir Hasan (1970)
- [www.Chitrakoot.nic.in](http://www.Chitrakoot.nic.in)

## Preparation of DPR

Detail Project Report of Integrated Watershed Management Programme IWMP-XIII had been prepared through base line/ bench Mark survey for physiography climate, soil, land use, vegetation, and hydrology and socio economic data analysis. PRA have been exercised to collect primary data, secondary data have been collected from Revenue, Statistics department, Statistical Magazine of the district Chitrakoot.

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