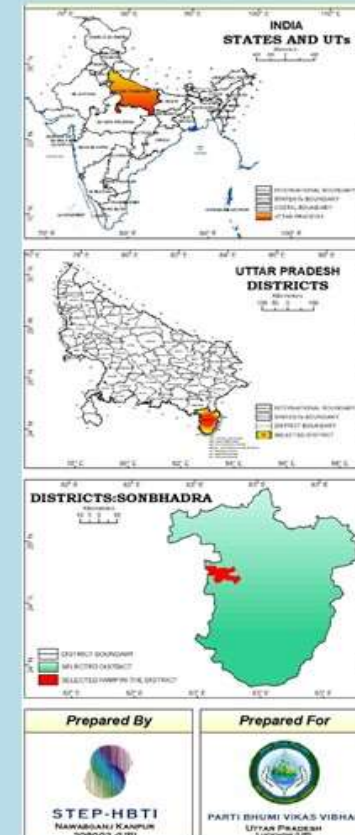
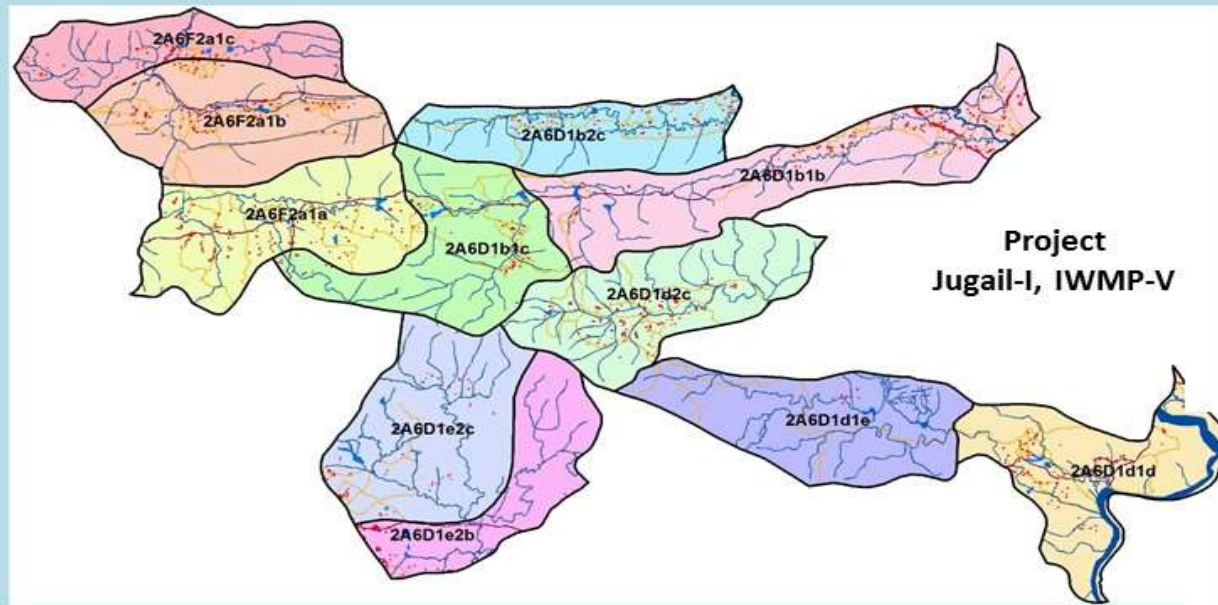


# DPR for Jugail-I, Project IWMP-V, District-Sonbhadra (Year 2011-2012)



Prepared by : STEP HBTI, Kanpur

### प्रमाण पत्र-1

वाटर विकास दल/कार्यदायी संस्था, भूमि विकास एवं जल संसाधन के कार्यकर्ताओं द्वारा इस आशय का प्रमाण पत्र कि परियोजना के अन्तर्गत प्रस्तावित गतिविधियां लाभार्थियों की राय उनकी सहभागिता तथा वाटरशेड समिति से विचार विमर्श करके तैयार किया गया है।

प्रमाणित किया जाता है कि निम्न हस्ताक्षरित द्वारा समेकित वाटरशेड परियोजना सोनभद्र पंचम क्षेत्र के लिए उपयुक्त एवं आवश्यकता के अनुरूप गतिविधियों का समावेश लाभार्थियों की सहभागिता तथा वाटरशेड समिति तथा ग्रामसभा से विचार विमर्श करके तैयार किया गया है। वाटरशेड परियोजना तथा विस्तृत कार्य योजना का अनुमोदन सम्बन्धित वाटरशेड समिति/ग्रामसभा से प्राप्त कर लिया गया है। आई0डब्ल्यू0एम0पी0 पंचम वर्ष 2011-12 की वाटरशेड योजना तथा विस्तृत कार्य योजना तकनीकी रूप से सुदृढ़ एवं व्यवहारिक है।

हम इस योजना की स्वीकृति प्रदान किये जाने एवं कार्यन्वयन की संस्तुति करते हैं।



वाटरशेड विकास दल  
सोनभद्र

Sanjay

कार्य प्रभारी  
सोनभद्र



तकनीकी विशेषज्ञ  
डब्ल्यू0सी0डी0सी0




अवर अभियन्ता  
सोनभद्र


भूमि संरक्षण अधिकारी  
सिंचाई एवं जल संसाधन विभाग  
सोनभद्र



प्रमाण-2

प्रमाणित किया जाता है कि निम्न हस्ताक्षर कर्ता द्वारा समेकित जल प्रबन्धन योजना पंचम जो कि वर्ष 2011-12 की अवधि से क्रियान्वित है कि विस्तृत कार्य योजना में वाटर शेड विकास दल/कार्यदायी संस्था द्वारा प्रस्तावित क्रियाकलापों की जांच/प्रति जांच कर ली गई है तथा यह प्रमाणित किया जाता है कि उक्त क्रियाकलापों को लाभार्थियों/जल संग्रहण क्षेत्र के निवासियों से व्यक्तिगत तथा सामूहिक विचार विमर्श के पश्चात तैयार की गयी है जो उपयुक्त है। प्रस्तावित योजना को तकनीकी रूप से सुदृढ़ एवं व्यवहारिक बनाने के उद्देश्य से इसमें आवश्यकतानुसार संशोधन किया जा सकता है।

  
कार्यदायी संस्था/भूमि संरक्षण अधिकारी  
सिंचाई एवं जल संसाधन विभाग  
सोनभद्र

  
परियोजना प्रबन्धक  
वाटर शेड सेल कम डाटा सेन्टर  
सोनभद्र

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## EXECUTIVE SUMMARY

All the 11 Micro Watershed of the Project Area of Watershed Jugail-I, IWMP-V, District-Sonbhadra, Uttar Pradesh Coded and named as 2A6D1b1b-Jogaeal-I, 2A6D1b1c-Jogaeal-II, 2A6D1b2c-Jogaeal-III, 2A6D1d1d-Jogaeal-IV, 2A6D1d1e-Jogaeal-V, 2A6D1d2c-Jogaeal-VI, 2A6D1e2b-Jogaeal-VII, 2A6D1e2c-Jogaeal-VIII, 2A6F2a1a-Jogaeal-IX, 2A6F2a1b-Bharari-I, 2A6F2a1c-Bharari-II are situated Chopan - Block which is 50-55 km away from the district head quarter. The Latitudinal and Longitudinal position of the project is From 24° 26' 01.86" N to 24° 31' 19.49" N and From 82° 43' 20.86" E to 82° 53' 50.30" E. Micro Watershed wise details are given in the DPR. The project consist of 11 Micro Watershed 04 villages, 04 - Gram Panchayat (GP) with total Geographical Area of 6730.32 ha out of which 4850 ha area is proposed to be used for treatment with total outlay of Rs.582.00 Lakhs under the Integrated Watershed Management Programme (IWMP). 03 nos. of Watershed Committees (WCs) have been formed at GP Level. The Project Implementing Agency (PIA) is Bhumi Sanrakshan Adhikari (BSA), Department of Irrigation and Water Resources, District-Sonbhadra, Uttar Pradesh.

All Micro Watershed fall in agro-climatic zone of Vindhyan Zone The Micro Watershed of Jugail-I, IWMP-V, District-Sonbhadra is situated at an elevation of 192.50 m to 495 m above mean sea level and has relief from with mean elevation of 342.69 m, general topography of the Micro Watershed is described in the LCC table given in the DPR. Spatial distribution of different slope classes has been prepared using Arc GIS. Slope has been divided into 08 categories viz. 0 - 0.50%, 0.51 – 1%, 1.01 – 2%, 2.01 – 3%, 3.01-4%, 4.01-5% 5.01-15 and >15%. Areal extent of different slope categories of the Geographical area of Jugail-I, IWMP-V, District-Sonbhadra is shown in the DPR . The dominant slope category is 5.01-15% (2444.93 ha) followed by >15 % (1934.08 ha) .

The population of the project area is 56902 covering 10007 HH with an average family size 06 in number. SC/ST represent 46255 (81.29%). Literacy rate 28.47% and number of BPL HH 7752 (77.47%) and Assetless HH 2544 (25.42%) details are given in the DPR. The land holding pattern given in the DPR comprises 6011 (80.54%) marginal farmers who dominate the cluster followed by 1170 (15.68%) small farmers and 282 (3.78%) large farmers. The Land Use pattern of the project area is given in the LULC Table. In Project area more than 70% of agriculture land is rainfed. The project area is dominated by Desi/Local Breed of Cows, Bufallos, Bulls and Goats.The productivity of major crops in the project area is significantly lower than the National, State and District average. Superfood like Quinva and Chia are proposed to be introduced on pilot basis in the project area.

The average rainfall of the area is 601.76 mm with 60 rainy days. May and June are the hottest Months ( 47°C) and lowest temperature with 1°C to 2°C are recorded in November/January. Expected run-off is worked out as 40 % of the average annual rainfall (601.76 mm/Annum) at 240.70 mm/year with an average soil loss 10-12 tonnes/ha/year. Around 66% in the project area depend on agriculture and allied activity for their livelihood. The present agriculture scenario is unable to provide either sustenance or employment opportunities round the year due to low land holding capacity, poor soil productivity, lack of irrigation facility and absence of proper agronomy practices. Ultimately it leads to unemployment and distress migration of about 8005 persons from the project area.

## EXECUTIVE SUMMARY

Integrated Watershed Management Programme is prioritized on the basis of thirteen parameters namely Poverty Index, Percentage of SC, Actual Wages, Percentage of small and marginal farmers, Ground water status, Moisture Index, Area under rain fed agriculture, Drinking water situation in the area, Percentage of the degraded land, Productivity potential of the land, Continuity of another watershed that has already been developed/treated, Cluster approach for plain or for hilly terrain. The Weightage Point of the project is 110 as per DPR.

The Proposed cluster of Micro watershed is characterized by low productivity of resources, prevalence of widespread poverty, lack of irrigation and safe drinking water facility, non availability of employment opportunities and compelled unskilled migration from the project area. Integrated Watershed Management Programme aims at improving the situation of the area during the project period.

HH Survey, PRA, PSA, FGDs and PIPs were conducted to assess the people's/farmer's needs/ preferences, problems thrust area of farming system, livestock production and their suggestions were also invited. After technical analysis these technically the exercise of Participatory Net Planning (PNP) was conducted to finalize the proposed location for various proposed activities using GPS under the head of Land Development (including Afforestation, Horticulture and Agriculture), Soil and Moisture Conservation (SMC), Water Harvesting Structures (WHS) alongwith proposed intervention in the field of farming system, livestock production, micro-enterprises etc. After the whole exercise, Annual Action Plan (AAP) of Capacity Building, Livelihood Activities, Production System and Micro-enterprises, Watershed Development Works, Convergence have been prepared. The Watershed Committees (WCs) have been formed at Gram Panchayat level, SHGs (Shelf Help Groups) and User Groups (UGs) have also been constituted. Farmers were also informed about the amount/rate of contribution as per the category of farmers for various activities, user charges and Watershed Development Fund (WDF). Farmers were willing to participate in the IWMP Programme and ready to contribute accordingly for availing/sharing the benefits. We propose construction 100 nos. of Earthen Check Dams (ECDs), 16 nos. of Water Harvesting Bunds (WHBs) and 28 nos. of Recharge pit under Water Harvesting Structures which will provide life saving irrigation in the area of 367.10 ha. Consequently, there should be an overall increase in the productivity of major crops in the project area.

The Natural Resource Management (NRM) intervention such as Soil and Moisture Conservation (SMC), Water Harvesting Structures (WHS), Land Development Activities like Afforestation, fuel & fodder and Horticulture development activities are proposed to benefit 57% of the families. It is expected that the NRM activities will increase the ground water table by 1-2 meters, increase irrigated command area by additional 367.10 ha., Additionally, it will check soil erosion, reduce run off, improve moisture availability and improve the soil quality/health. More than 70% of the project area will be brought under treatment under project area during project period of 5 years.

The carrying capacity will be enhanced in cereal production, oilseed production, pulses production, Vegetable production, and fruit production substantially. Establishment of various Micro-enterprises will ensure the livelihood of families of the project area with increase of additional income per annum. These interventions are aimed to reduce the migration up to 30%.

Several activities are proposed under afforestation, fuel & fodder and horticulture which will help in increase the area under vegetative cover from 50.90 ha to 266.32 ha, an increase in the area under afforestation cover from 28.35 to 62.56, under fuel and fodder cover from 14.52 ha to 46.10 ha and under horticulture cover from 8.03 ha to 157.66 ha and . Productivity of all the important crops under Kharif, Rabi and Zaid is proposed to be increased substantially. Crop wise details have been described in the DPR. Similarly, milk and other livestock produce is also expected to increase, details of which are given in the chapter -'Livestock Population and Productivity (Pre and Post Project status).

## EXECUTIVE SUMMARY

The project has been formulated with specific vision within the stipulated time frame of 5 years. Soil erosion will be checked from current rate of 10-12 tonnes/ha/annum through Soil and Moisture Conservation (SMC) measures. Through Construction of 116 number of Water Harvesting Structures having storage capacity of 73.41 ham an additional area of 367.10 ha will be brought under supplementary irrigation which will lead towards crop productivity. The rain fed agriculture project area comes under kharif Paddy stabilization through proper management of water and SRI techniques, crop productivity will be increased substantially. Increase in irrigation command area will increase the 2nd cropping area through proper management of water resources. There will be Increase in income level of landless HH from base income through various alternative livelihood options in the project area on sustainable basis. Maximum number of population will attain food security after successful implementation of the project. Most of the HH of the project area will have access to safe and hygienic drinking water. The capacity building programme will enhance enough awareness, to take decision of development of all the covered village under the project after 5 years. The overall vision of the project is to uplift the socio economic condition of the community through various proposed intervention.

The role of the PIA is to facilitate the programme by supporting various Community based organization (CBOs) like Watershed Committee (WCs), Self Help Groups (SHGs) and User's Gropups (UGs). The role of the Watershed Committee will be to implement the programme as well as assure the contribution of WDF for NRM and PSME activities. The secretary of the Watershed Committee will be the most responsible person. A dedicated Watershed Development Team (WDTs) will work as a catalyst under the supervision of PIA to support various Community based organization (CBOs) for successful implementation of the project. A total number of 03-WCs, 137-SHG and 116-UGs will be linked with various project activities under the project.

Rapport building and awareness generation of community members is the first stage for building self confidence to take decisions for implementation of various activities under the project. The broad head includes EPA, I&CB, WDW for natural resource management, Livelihood promotion, Productivity Enhancement & Micro Enterprises, Monitoring and Evaluation, Convergence with other department, consolidation/exit protocol. The major proposed activities are Entry Point Activity (4% of the total cost Rs. 23.28 Lakhs) which consist of repairing of well and water harvesting structures, the WDW work (56% of the total cost Rs. 325.92 Lakhs) Water Harvesting Structures like ECD, WHB, recharge pit, Land Development Afforestation, Fuel & Fodder and Horticulture Plantation. Under WDW activity Water Harvesting Structures and Land Development will be taken up from IWMP funds and the rest consist of Soil and Moisture Conservation (SMC) works such as construction of Contour Bund, Marginal Bund and Peripheral Bund, etc. will be covered through convergence. The livelihood for Assetless section (9% of the total cost Rs. 52.38 Lakhs) consist of Goatary, Poultry, Animal Husbandry, Vermi Compost Unit, Mini Village Shops, Candle Making, Pickle making, Tailoring, Bamboo Basket making, etc. The Production system and Micro Enterprises (10% of the total cost Rs. 58.20 Lakhs) consist of promotion of innovarive practices for superfood like quinoa & chia etc., HYV of Crop Demonstration, Vegetable Cultivation, Floriculture, Organic Farming, Distribution of Mini Ag. Equipment, Livestock Activities, Protected Farming and establishment of various Micro Enterprises. A comprehensive Institutional Development and Capacity Building Plan (5% of the total cost Rs. 29.10 Lakhs) have been designed for various CBO like WCs, SHGs and UGs. The basic purpose of the capacity building programme be for project orientation and skill improvement. Skill/Trade Training under livelihood activities are planned through the convergence from NRLM/Skill Development Mission.

## EXECUTIVE SUMMARY

The aim of the convergence is to saturate the planned WDW and PS&ME activities in the project area. A total amount of Rs. 246.97 Lakhs will be spent through convergence from MANREGA, NHM, Department of Agriculture, NRLM/Skill Development Mission and other Line Department. During the Convergence Process SLNA, WCDC and PIA will take the leading role to facilitate the convergence process.

Suitable systems and processes are propose to be designed and implemented to manage and maintain all the assets created under the project with the help of WDF collected from the beneficiaries in the form of contribution and deposited in the WDF Bank Account. WDF will not be utilized during the project period. At the time of exit protocol it is important that the community should be strong enough to maintain the development works and the systems during the project period. A specific benefit sharing mechanism for common assets will be formulated through User's Group. Proper utilization of WDF will occur after the project period for need based work for the community's assets. The Watershed Committee will be also responsible for conflict management within User's Groups and SHGs. The Watershed Committee will take the leading role with the Institutional Linkages with government department, banks, other financial institutions as well as various NGOs. A system of social audit will be established for proper management of fund and further development work.

Total 373249 nos. of mandays will be generated from the projects. 325409 nos mandays from the IWMP Fund and 47840 nos. of mandays from the Convergence Fund through various activities.

Details are given in the Employment Generation Table. Cropping Intensity of the project area will be increase form 113.61% to 134.53% after implementation of the project.

The present average family income of Assetless Rs. 17000/- per annum and for farmers Rs. 22500/-, with the proposed intervention under the project, are expected to increase to Rs. 23900/- and Rs. 31000/- respectively after the completion of the project. NPV of the project is proposed to be Rs. 10551537.27 at 15% discounted factor of net benefits. IRR of project is 29.04% and B : CR at 15% discounted factor of Net benefits is 1.20 respectively.

## General Profile of the Project

<b>Name of State</b>	Uttar Pradesh	
<b>Name of District</b>	Sonbhadra	
<b>Name of Tehsil</b>	Robertsganj	
<b>Name of Block</b>	Chopan	
<b>Name of Project/Sanction Year</b>	Jugail-I, IWMP-V	District :-Sonbhadra/Year :11-12
<b>Project Duration</b>	<b>05 Years</b>	
<b>Cost of The Project in Lakhs from IWMP</b>	<b>582.00</b>	
<b>Cost of The Project in Lakhs from Convergence</b>	246.97	
<b>Total Project Cost in Lakhs</b>	<b>828.97</b>	
<b>Project Cost/ha in Lakhs</b>		
<b>From IWMP</b>	0.12000	
<b>From Convergence</b>	0.05092	
<b>Total</b>	<b>0.17092</b>	
<b>Number of MWS</b>	11	
<b>MWS Code and Name</b>	2A6D1b1b-Jogaeal-I, 2A6D1b1c-Jogaeal-II, 2A6D1b2c-Jogaeal-III, 2A6D1d1d-Jogaeal-IV, 2A6D1d1e-Jogaeal-V, 2A6D1d2c-Jogaeal-VI, 2A6D1e2b-Jogaeal-VII, 2A6D1e2c-Jogaeal-VIII, 2A6F2a1a-Jogaeal-IX, 2A6F2a1b-Bharari-I, 2A6F2a1c-Bharari-II	
<b>Nos. of connected Village</b>	4	
<b>Nos. of Gram Panchayat</b>	4	
<b>Number of Watershed Committees (WCs) Formed</b>	3	
<b>Agro Climatic Zone</b>	Vindhyan Zone	
<b>Location of Watershed</b>		
<b>Longitude</b>	82° 43' 20.86" E	82° 53' 50.30" E
<b>Latitude</b>	24° 26' 01.86" N	24° 31' 19.49" N
<b>Elevation</b>		
<b>Highest Elevation in m</b>	495.00	
<b>Lowest Elevation in m</b>	192.50	
<b>Elevation Difference</b>	302.50	
<b>Mean Elevation in m</b>	342.69	

## General Profile of the Project

<b>General Profile of the Project</b>		
<b>Major Drainage System</b>		
<b>Stream Order</b>	<b>Length in meter</b>	<b>Nos.</b>
	<b>159642.67</b>	<b>145</b>
<b>Nos. Of Water Bodies</b>		68
<b>Details of Land as per LULC in ha</b>		
<b>Geographical Area</b>		6730.32
<b>Planned Area</b>		4850.00
<b>Scrub Land</b>		1031.63
<b>Wasteland Cultivable</b>		854.49
<b>Average Rainfall</b>		<b>601.76</b>
<b>Maximum Temperature degree C</b>		47°C
<b>Minimum Temperature degree C</b>		1°C
<b>Relative Humidity %</b>		36%-82%
<b>Total population</b>		<b>56902</b>
<b>Male</b>		29654
<b>Female</b>		27248
<b>SC/ST population</b>		<b>46255</b>
<b>Male</b>		24094
<b>Female</b>		22161
<b>Total HH</b>		<b>10007</b>
<b>BPL HH and %</b>	<b>7752</b>	<b>77.47</b>
<b>Assetless HH and %</b>	<b>2544</b>	<b>25.42</b>
<b>Farmers Details (Total farmers)</b>		<b>7463</b>
<b>Marginal Farmers</b>		6011
<b>Small Farmers</b>		1170
<b>Large Farmers</b>		282
<b>Migration</b>	<b>Pre Project Status</b>	<b>Post Project Status</b>
<b>Migration in Nos.</b>	8005	5604
<b>Migration in days</b>	180-210	120-150

## General Profile of the Project

Water Table in meter Pre Project Status	Pre Monsoon	Post Monsoon
Open Well	15-17	14-15
Borewell	-	-
Present Boring	-	-
Cropped Area in ha	Pre Project	Post Project
Single Cropped Area	2551.14	1966.68
Double Cropped Area	1479.43	2103.66
Multi Cropped Area	0.00	117.00
Cropping Intensity in %	Pre Project	Post Project
	113.61%	134.53%
Mandays Generated in Nos.		
From IWMP Funds	325409	
From Convergence Funds	47840	
Total	<b>373249</b>	
Average Annual Income/HH in Rs.	Pre Project	For Assetless Post Project
For Assetless	17000.00	23900.00
For Farmers	22500.00	31000.00
No. of Person to be Trained Under CB Plan	3845	
Detail of Beneficiaries		
Livelihood Activities		
PSME	685	
WDW	6041	
Total	3643	
No. of Water harvesting Structures	10369	
Storage Capacity in ham	116	
Additional Area Brought under Irrigation in ha		
@ 5 cm * 2 Irrigation/ha	73.41	
@ 7.5 cm * 2 Irrigation/ha	367.10	
	244.73	



## General Profile of the Project

Area Under in ha	Pre Project Status	Addition Area under the Project
Afforestation	28.35	34.21
Fuel & Fodder	14.52	31.58
Horticulture	8.03	149.63
Vegetative Cover	<b>50.90</b>	<b>215.42</b>
<b>No. of Institutions Formed</b>		
Watershed Committees	3	
User Groups (Ugs)	116	
Self Help Groups (SHGs)	137	
Fedrations	10	
Reduction in Soil loss	10-12 tonnes/ha/Year	
Runoff	240.70	
<b>NPV @ 15% Discounted Factor of Net Benefits</b>	<b>10551537.27</b>	
<b>B : CR @ 15% Discounted Factor</b>	<b>1.20</b>	
IRR	29.04%	

Year Wise Physical and Financial At A Glance of DPR														
Jugail-I, IWMP-V District: Sonbhadra Area: 4850 (Phy. In ha/Nos, Fin in Lacs)														
S. No.	ProjectComponent	Unit	Ist Year		IInd Year		IIIrd Year		IVth Year		Vth Year		TOTAL	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
<b>A</b>	<b>Administration</b>			2.910		8.730		15.714		15.714		15.132	0	58.200
<b>B</b>	<b>Monitoring</b>					1.164		1.164		1.164		2.328	0	5.820
<b>C</b>	<b>Evaluation</b>					1.746		1.019		1.019		2.037	0	5.820
<b>D</b>	<b>EPA</b>												0	0.000
1	Well Repair & Cahbutara	in no.	20	23.280									20	23.280
2	Recharge Pit	in no.	2										2	0.000
	<b>Sub Total</b>		<b>22</b>	<b>23.280</b>									<b>22</b>	<b>23.280</b>
<b>E</b>	<b>DPR</b>		1	5.820									1	5.820
<b>F</b>	<b>Institution &amp; Capacity Building</b>													
1	<b>State Level Nodal Agency(SLNA)</b>		0	0.873	0	0.291	0	0.291	0	0.291	0	0.000	0	1.746
2	<b>WCDC</b>													
2.1	District Level Workshop	in no.	0	0.000	75	0.750	0	0.000	0	0.000	0	0.000	75	0.750
2.2	<b>Workshop</b>													
2.2.1	Convergence Workshop	in no.	20	0.140									20	0.140
2.2.2	Refreshar Wokshop	in no.			20	0.140							20	0.140
2.2.3	Workshop of Inovative Practices & PPP Model	in no.					20	0.140					20	0.140
2.2.4	Workshop on Formation, Development & Sustainability of Federation	in no.							20	0.140			20	0.140
2.2.5	Workshop on Linkage Establishment	in no.									20	0.140	20	0.140
	<b>Sub Total</b>	<b>in no.</b>	<b>20</b>	<b>0.140</b>	<b>20</b>	<b>0.140</b>	<b>20</b>	<b>0.140</b>	<b>20</b>	<b>0.140</b>	<b>20</b>	<b>0.140</b>	<b>100</b>	<b>0.700</b>
3	<b>Exposure Visit</b>													
3.1	In the District	in no.	142	0.213	104	0.156	<b>25</b>	<b>0.038</b>	25	0.038	142	0.213	438	0.657
3.2	Within State	in no.	130	0.520	64	0.256	<b>15</b>	<b>0.060</b>	15	0.060	130	0.520	354	1.416
3.3	Out of State	in no.	0	0.000	15	0.735	<b>10</b>	<b>0.490</b>	10	0.490	0	0.000	35	1.715
	<b>Sub Total :</b>		<b>272</b>	<b>0.733</b>	<b>183</b>	<b>1.147</b>	<b>50</b>	<b>0.588</b>	<b>50</b>	<b>0.588</b>	<b>272</b>	<b>0.733</b>	<b>827</b>	<b>3.788</b>
	<b>Sub Total of WCDC</b>		<b>292</b>	<b>0.873</b>	<b>278</b>	<b>2.037</b>	<b>70</b>	<b>0.728</b>	<b>70</b>	<b>0.728</b>	<b>292</b>	<b>0.873</b>	<b>1002</b>	<b>5.238</b>
4	<b>Project Implementation Agency (PIA)</b>													
4.1	PIA	in no.	4	0.322	6	0.482	2	0.161	2	0.161	2	0.161	16	1.286
4.2	WDT	in no.	2	0.134	2	0.134	4	0.268	4	0.268	2	0.134	14	0.938
4.3	WC Basic	in no.	198	0.628	900	2.853	0	0.000	0	0.000	0	0.000	1098	3.481
4.4	WC Member	in no.	0	0.000	30	0.380	20	0.127	20	0.127	0	0.000	70	0.634
4.5	WC Functionaries	in no.	6	0.080	6	0.161	6	0.161	6	0.161	6	0.080	30	0.643
4.6	UGs	in no.	0	0.000	292	0.926	47	0.149	47	0.149	87	0.276	473	1.499
4.7	UGs Functionaries	in no.	0	0.000	126	1.688	30	0.402	30	0.402	30	0.402	216	2.894
4.8	SHGs	in no.	0	0.000	380	3.614	120	1.141	120	1.141	50	0.476	670	6.372
4.9	SHGs Functionaries	in no.	0	0.000	148	1.983	70	0.938	70	0.938	38	0.509	326	4.368

Year Wise Physical and Financial At A Glance of DPR			Jugail-I, IWMP-V				District:		Sonbhadra		Area: 4850		(Phy. In ha/Nos, Fin in Lacs)	
S. No.	ProjectComponent	Unit	Ist Year		IInd Year		IIIrd Year		IVth Year		Vth Year		TOTAL	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
	<b>Sub Total :</b>		<b>210</b>	<b>1.164</b>	<b>1890</b>	<b>12.222</b>	<b>299</b>	<b>3.347</b>	<b>299</b>	<b>3.347</b>	<b>215</b>	<b>2.038</b>	<b>2913</b>	<b>22.116</b>
4.10	Skill Training	in no.	0	0.000	0	0.000	35	5.250	35	5.250	35	5.250	105	15.750
4.11	<b>Sub Total :</b>		<b>0</b>	<b>0.000</b>	<b>0</b>	<b>0.000</b>	<b>35</b>	<b>5.250</b>	<b>35</b>	<b>5.250</b>	<b>35</b>	<b>5.250</b>	<b>105</b>	<b>15.750</b>
	<b>Total</b>		<b>502</b>	<b>2.910</b>	<b>2168</b>	<b>14.550</b>	<b>404</b>	<b>9.615</b>	<b>404</b>	<b>9.615</b>	<b>542</b>	<b>8.161</b>	<b>4020</b>	<b>44.850</b>
	<b>Fund From IWMP</b>			<b>2.910</b>		<b>14.550</b>		<b>4.365</b>		<b>4.365</b>		<b>2.910</b>		<b>29.100</b>
5	Institution & Capacity Building Convergence	in no.					<b>35</b>	<b>5.250</b>	<b>35</b>	<b>5.250</b>	<b>35</b>	<b>5.251</b>	<b>105</b>	<b>15.751</b>
<b>G</b>	<b>Livelihood Activities</b>													
1	Nos. of SHGs for Seed Money	in no.			16	3.667	38	9.167	38	9	45	11.000	137	32.999
2	Nos. of Individuals	in no.			5	0.407	11	1.019	11	13	1.222	40	3.667	
<b>3</b>	Grant-in aid under Funding for major activities for federation / Enterprising SHGs	in no.			0	1.746	0	4.365	0	4.365	0	5.238	0	15.714
	<b>Sub Total</b>					<b>5.820</b>		<b>14.550</b>		<b>14.550</b>		<b>17.460</b>		<b>52.380</b>
<b>H</b>	<b>Production System &amp; Micro Enterprises</b>													
1	<b>Crop Demonstration</b>													
1.1	Minor Millets	in ha			9.000	0.720	15.000	1.200	0.000	0.000	0.000	0.000	24.00	1.920
1.2	Pulses -Urd/Moong/Arhar	in ha			19.000	2.280	35.000	4.200	0.000	0.000	0.000	0.000	54.00	6.480
1.3	Oil Seeds	in ha			11.000	1.320	23.000	2.760	0.000	0.000	0.000	0.000	34.00	4.080
1.4	Chia	in ha			0.000	0.000	3.000	0.300	0.000	0.000	0.000	0.000	3.00	0.300
1.5	Quinoa	in ha			0.000	0.000	4.000	0.480	0.000	0.000	0.000	0.000	4.00	0.480
2	<b>Vegetables</b>				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
2.1	Tomato/Brinjal/Okra/Shimla Mirch	in ha			0.000	0.000	4.000	0.960	0.000	0.000	0.000	0.000	4.00	0.960
2.2	Califlower/Cabage	in ha			0.000	0.000	3.000	0.720	0.000	0.000	0.000	0.000	3.00	0.720
2.3	Cucurbits	in ha			0.000	0.000	2.700	0.324	0.000	0.000	0.000	0.000	2.70	0.324
2.4	Shakbhaji	in ha			0.000	0.000	2.700	0.270	0.000	0.000	0.000	0.000	2.70	0.270
3	<b>Spices</b>				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
3.1	Garlic/Ginger/Turmeric	in ha			0.000	0.000	2.000	0.480	0.000	0.000	0.000	0.000	2.00	0.480
3.2	Coriander/Methi/Saunf/Kalaunji	in ha			0.000	0.000	2.000	0.240	0.000	0.000	0.000	0.000	2.00	0.240
3.3	Chili	in ha			0.000	0.000	2.000	0.400	0.000	0.000	0.000	0.000	2.00	0.400
4	<b>Floriculture</b>				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
4.1	Marry Gold	in ha			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.000
4.2	Deshi Gulab	in ha			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.000
4.3	Agro-forestry	in ha			0.000	0.000	1.000	0.100	5.000	0.500	0.000	0.000	6.00	0.600
5	<b>Distribution of Various Kit</b>				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
5.1	IPM Kit	in no.			12.000	0.240	19.000	0.380	13.000	0.260	0.000	0.000	44	0.880
5.2	Improved/High Yeilding Variety (HYV) of Seed Kit	in no.			61.000	0.305	45.000	0.225	44.000	0.220	20.000	0.100	170	0.850
5.3	Vegetable Kit	in no.			25.000	0.050	63.000	0.126	20.000	0.040	17.000	0.034	125	0.250

Year Wise Physical and Financial At A Glance of DPR			Jugail-I, IWMP-V		District:		Sonbhadra		Area:		4850		(Phy. In ha/Nos, Fin in Lacs)	
S. No.	ProjectComponent	Unit	Ist Year		IInd Year		IIIrd Year		IVth Year		Vth Year		TOTAL	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
5.4	Fodder Kit	in no.			21.000	0.105	17.000	0.085	14.000	0.070	10.000	0.050	62	0.310
6	Fisheries	in no.			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0.000
7	Singhade Ki Kheti	in no.			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0.000
8	Plastic Tray Nursery	in no.			0.000	0.000	0.000	0.000	8.000	0.400	0.000	0.000	8	0.400
9	Low Tunnel House	in no.			0.000	0.000	0.000	0.000	36.000	0.720	0.000	0.000	36	0.720
10	Animal Health Camps	in no.			8.000	0.800	8.000	0.800	10.000	1.000	10.000	1.000	36	3.600
11	Distribution of Buck	in no.			0.000	0.000	10.000	0.500	10.000	0.500	0.000	0.000	20	1.000
12	<b>Distribution of Agriculture Equipments</b>				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
12.1	Winnowing Fan	in no.			0.000	0.000	0.000	0.000	9.000	0.540	6.000	0.360	15	0.900
12.2	Sprayer	in no.			0.000	0.000	0.000	0.000	16.000	0.480	0.000	0.000	16	0.480
12.3	Broadcaster	in no.			0.000	0.000	0.000	0.000	18.000	0.540	20.000	0.600	38	1.140
12.4	Drum Seeder	in no.			0.000	0.000	0.000	0.000	8.000	0.640	0.000	0.000	8	0.640
12.5	Cono Weeded	in no.			0.000	0.000	0.000	0.000	40.000	0.560	14.000	0.196	54	0.756
12.6	Seed Treatment Drum	in no.			0.000	0.000	0.000	0.000	16.000	0.320	0.000	0.000	16	0.320
12.7	Irrigation Pipe	in no.			0.000	0.000	0.000	0.000	14.000	0.560	12.000	0.480	26	1.040
12.8	Portable Pump for Lift Irrigation	in no.			0.000	0.000	0.000	0.000	7.000	1.680	8.000	1.920	15	3.600
13	<b>Micro-enterprises</b>													
13.1	Mushroom Cultivation	in no.			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0.000
13.3	Apiculture	in no.			0.000	0.000	0.000	0.000	0.000	0.000	2.000	0.480	2	0.480
13.5	Fruit Preservation	in no.			0.000	0.000	0.000	0.000	3.000	0.720	6.000	1.440	9	2.160
13.7	Poultry	in no.			0.000	0.000	0.000	0.000	12.000	2.400	12.000	2.400	24	4.800
13.9	Goatary	in no.			0.000	0.000	0.000	0.000	12.000	2.400	30.000	6.000	42	8.400
14.1	Dairy Product	in no.			0.000	0.000	0.000	0.000	0.000	0.000	4.000	0.960	4	0.960
14.3	Mini Dal Mill	in no.			0.000	0.000	0.000	0.000	0.000	0.000	6.000	1.200	6	1.200
14.5	Daliya Making Machine	in no.			0.000	0.000	0.000	0.000	0.000	0.000	5.000	1.000	5	1.000
14.7	Grain Cleaner Cum Grader	in no.			0.000	0.000	0.000	0.000	0.000	0.000	12.000	2.400	12	2.400
14.9	Floor Separator	in no.			0.000	0.000	0.000	0.000	0.000	0.000	6.000	1.440	6	1.440
15.1	Portable Charing Kiln	in no.			0.000	0.000	0.000	0.000	0.000	0.000	9.000	0.720	9	0.720
15.3	UMMB Block	in no.			0.000	0.000	0.000	0.000	0.000	0.000	5.000	0.500	5	0.500
	<b>Sub Total</b>					<b>5.820</b>		<b>14.550</b>		<b>14.550</b>		<b>23.280</b>		<b>58.200</b>
	<b>Convergence</b>													
16	Vermi Compost Pit@ Rs 0.09	in no.			19	1.710	19	1.520	10	4.500	7	2.520	55	10.250
17	Nadep Compost Pit @ Rs. 008	in no.			19	1.520	7	3.150	15	5.250	7	2.240	48	12.160
18	Cow Shelter@ Rs 0.45	in no.			0	0.000	10	3.500	0	0.000	19	8.100	29	11.600
19	Goat Shelter@ Rs. 0.35	in no.			0	0.000	10	4.000	19	0.380	10	6.300	39	10.680
20	Poultry Shelter@ Rs. 0.40	in no.			8	3.200	19	0.380	10	3.500	19	7.200	56	14.280
21	Azola Pit@ Rs. 0.02	in no.			19	0.380	10	3.500	19	0.380	0	0.560	48	4.820

Year Wise Physical and Financial At A Glance of DPR														
Jugail-I, IWMP-V District: Sonbhadra Area: 4850 (Phy. In ha/Nos, Fin in Lacs)														
S. No.	ProjectComponent	Unit	Ist Year		IInd Year		IIIrd Year		IVth Year		Vth Year		TOTAL	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
22	Fodder Through@ Rs.0.35	in no.			0	0.000	19	0.380	0	0.000	0	6.300	19	6.680
23	Sanjeevak pit@ Rs.0.02	in no.			19	0.380	0	0.000	0	0.000	1	1.120	20	1.500
24	Micro Irrigation-Sprinkler	in no.			3	0	5	0	3	0	5	0	16	0.000
25	Micro Irrigation-Drip	in no.			1	0	1	0	1	0	1	0	4	0.000
26	Poly House	in no.			3	0	5	0	5	0	5	0	18	0.000
27	Agro Shed Net House	in no.			3	0	5	0	5	0	5	0	18	0.000
	<b>Sub Total</b>					<b>7.190</b>		<b>16.430</b>		<b>14.010</b>		<b>34.340</b>		<b>71.970</b>
	<b>Total PSME</b>					<b>13.010</b>		<b>30.980</b>		<b>28.560</b>		<b>57.620</b>		<b>130.170</b>
<b>I</b>	Water Development Works													
1	Land Development													
1.1	<b>Block Plantation</b>													
1.11	Horticulture	in ha			17.75	3.550	31.00	6.200	31.00	6.200	30.00	6.000	109.75	21.950
1.12	Afforestation	in ha			8.50	0.850	15.50	1.550	15.50	1.550	15.75	1.575	55.25	5.525
	<b>Sub Total</b>				<b>26.25</b>	<b>4.400</b>	<b>46.50</b>	<b>7.750</b>	<b>46.50</b>	<b>7.750</b>	<b>45.75</b>	<b>7.575</b>	<b>165.00</b>	<b>27.475</b>
1.2	<b>Scattered Plantation</b>													
1.21	Horticulture	in no.			1000	0.400	1925	0.770	2065	0.826	2070	0.828	7060	2.824
1.22	Afforestation	in no.			710	0.142	1250	0.250	1020	0.204	1010	0.202	3990	0.798
	<b>Sub Total</b>				<b>1710</b>	<b>0.542</b>	<b>3175</b>	<b>1.020</b>	<b>3085</b>	<b>1.030</b>	<b>3080</b>	<b>1.030</b>	<b>11050</b>	<b>3.622</b>
	<b>Total</b>					<b>4.942</b>		<b>8.770</b>		<b>8.780</b>		<b>8.605</b>		<b>31.097</b>
2	SMC-Convergence													
2.1	Contour Bund(CB)	in rmt			3768	3.391	8383	7.545	8530	7.677	8469	7.622	29150	26.235
2.1.1	Outlet (for safe disposal of Water) @ Rs. 750/outlet	in no.			7	0.053	16	0.120	17	0.128	16	0.120	56	0.420
2.2	Marginal Bund(MB)	in rmt			1554	5.921	3335	12.706	3470	13.221	3271	12.463	11630	44.310
2.2.1	Outlet (for safe disposal of Water) @ Rs.15000/outlet	in no.			3	0.450	6	0.900	7	1.050	6	0.900	22	3.300
2.3	Peripheral Bund(PB)	in rmt			2761	10.519	6297	23.992	6585	25.089	5088	19.385	20731	78.985
2.3.1	Outlet (for safe disposal of Water) @ Rs.15000/outlet	in no.			5	0.750	12	1.800	13	1.950	10	1.500	40	6.000
	<b>Sub Total</b>					<b>21.084</b>		<b>47.063</b>		<b>49.114</b>		<b>41.990</b>		<b>159.250</b>
3	Water Harvesting Structure													
3.1	Earthen Check Dam (ECD)	in no.			14	24.60	31	50.35	27	49.42	28	50.61	100	174.973
3.2	Drop Spill Way (DSW)	in no.			4	8.00	4	8.00	7	14.00	4	8.00	19	38.000
3.3	Water Harvesting Bund(WHB)	in no.			1	3.31	5	16.72	5	16.54	5	18.88	16	55.450
3.4	Drop Spill Way (DSW)	in no.			1	2.50	4	10.00	2	5.00	3	7.50	10	25.000
3.5	Ponds Renovation	in no.			0	0.00	0	0.00	0	0.00	0	0.00	0	0.000
3.6	Recharge Pit	in no.			6	0.30	6	0.30	8	0.40	8	0.40	28	1.400
	<b>Sub Total</b>				<b>26</b>	<b>38.708</b>	<b>50</b>	<b>85.369</b>	<b>49</b>	<b>85.359</b>	<b>48</b>	<b>85.388</b>	<b>173</b>	<b>294.823</b>
	Storage Capacity	ham				8.87		21.38		21.01		22.16		73.42
	Additional Area Brought Under Irrigation	ha												

Year Wise Physical and Financial At A Glance of DPR		Jugail-I, IWMP-V				District:		Sonbhadra		Area:		4850 (Phy. In ha/Nos, Fin in Lacs)		
S. No.	ProjectComponent	Unit	Ist Year		IInd Year		IIIrd Year		IVth Year		Vth Year		TOTAL	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
	@ 5 cm * 2 Irrigation/ha					44.35		106.90		105.05		110.80		367.10
	@ 7.5 cm * 2 Irrigation/ha					29.57		71.27		70.03		73.87		244.73
<b>J</b>	<b>Consolidation</b>													
1	Completion of Various Left Over Work											16.755	0	16.755
2	Perparation of Project Completion Report											0.060	0	0.060
3	Documentation of Successful Experience											0.150	0	0.150
4	Management and Maintenance of Developed Natural Resources											0.060	0	0.060
5	Users right and users charges											0.030	0	0.030
6	Sustainable utilization of natural tesources											0.060	0	0.060
7	formation of federation for post project econnomic											0.075	0	0.075
8	Capacity building of CBOs for post project period											0.030	0	0.030
9	Management and utilization of WDF											0.030	0	0.030
10	Intensification of PSME											0.120	0	0.120
11	Intensification of Livelihood											0.090	0	0.090
	<b>Sub Total</b>											<b>17.460</b>		<b>17.460</b>
	<b>Grand Total</b>			<b>34.920</b>		<b>109.753</b>		<b>214.243</b>		<b>213.874</b>		<b>256.181</b>		<b>828.971</b>
	<b>Funds Available From IWMP</b>			34.920		81.480		145.500		145.500		174.600		582.000
	<b>Gap of Funds</b>			0.00		28.27		68.74		68.37		81.58		246.97
	<b>Funds From Convergence</b>			<b>0.00</b>		<b>28.27</b>		<b>68.74</b>		<b>68.37</b>		<b>81.58</b>		<b>246.97</b>
	<b>Project Cost per ha</b>													
1	<b>Cost per ha from IWMP FUND</b>													0.12000
2	<b>Cost from Convergence pr ha</b>													0.05092
3	<b>Total Cost per ha</b>													0.17092

\* Earth Work under WHS will be executed through 35HP Tractor/JCB Machine

BENCHMARKING OF IWMP PROJECTS-	Jugail-I, IWMP-V	District:	Sonbhadra		
	Agro Climetic Zone:		Vindhyan Zone		
Indicators	Measuring details			Benchmark Indicators/Values (in % / No.)	
	How	Who	Frequency/ Stages	Pre Project Status	Post Project Status
<b>Soil Health</b>					
Soil Organic Carbon Increase	NMR Spectroscopy	Expert/ M&E Agency	5 Years	0.39	8-10% due to IWMP
Erosion Reduction	Gully Formation Sediment Loss	Expert/ M&E Agency	3 Years	Run off:240.703 mm/anum, Soil Loss:10-12 ton/ha/anum	5-8% due to IWMP
			5 Years		8-10% due to IWMP
<b>Hydrology</b>					
Rainfall Intensity, No. of Rainy days	Rain Gauge (TRG + DL)	WDT facilitation /WC/PIA, M & E Agency	Daily	60 days/annum	6-8% due to IWMP
Stream Flow Cum/sec (Mansoon flow on selected streams in watershed) reduce	V Notch + Staff Gauge V Notch + AWLR (Decrease)	WDT facilitation /WC/PIA, M & E Agency			
Groun Water Level ( in meter) Increase	Tape WLR	WDT/WC/PIA, M & E Agency	Monthly	15-17	14-15
Open Well-Pre Mansoon					
Open Well-Post Mansoon					
Bore Well					
<b>Status of Water bodies (ponds, wells and springs)</b>					
Spread area increase rejuvenation	Field Survey/ Remote Sensing	WDT/WC/PIA, M & E Agency	6 Monthly	-	upto 5-10%
			6 Monthly	-	10-20 in no.
New water bodies (in numbers) increase	Number/ Remote Sensing		6 Monthly	-	8-10 in no.
Drinking Water Availability Increase	Survey/FGD	WDT/Expert/ M&E Agency	3 Years	8-10 months	9-10 months
			5 Years	9-10 months	10-12 months
<b>Forestry</b>					
Tree cover	Inventry	WDT/WC/M & E Agency	3 Years	50.90	5-7%
			5 Years	-	8-10%
NDVI	Remote Sensing	Expert/ M&E Agency	3 Years	-	Shape File Not available
			5 Years		Shape File Not available
Survival of the Plant	Survey	M & E Agency	3 Years	35-40%	50-60%
			5 Years		60-75% due to casualty replacement under IWMP

BENCHMARKING OF IWMP PROJECTS-	Jugail-I, IWMP-V	District:	Sonbhadra		
	Agro Climetic Zone:			Vindhyan Zone	
	Measuring details			Benchmark Indicators/Values (in % / No.)	
Indicators	How	Who	Frequency/ Stages	Pre Project Status	Post Project Status
				% families cultivating agroforestry increase	Survey
Species richness increase	Count Survey	Expert Agency	3 Years	-	4-5% due to IWMP
			5 Years		6-8% due to IWMP
<b>Agriculture and horticulture</b>					
Follow and wasteland reduction as % of total agriculture land	Remote Sensing/ Survey	Expert/ M&E Agency	5 Years	-	15-20%
Diversification in agriculture and horticulture increase	Survey	WDT/Expert/ M&E Agency	5 Years	-	10-15%
Area covered under improved varieties/HYV of total Cultivable Land	Survey	Expert/ M&E Agency	5 Years	-	10-15%
Area enhanced under irrigation as to total cultivated land	Survey	WDT/Expert/ M&E Agency	5 Years	-	7-8%
Demonstration of New technology increase	Survey	WDT/Expert/ M&E Agency	5 Years	-	5-7 in no.
Adoption of INM/IPM/IDM increase	Survey	WDT/ M & E Agency	5 Years	-	44
No. of Framer's producer's institutions increase	Survey	Expert/ M&E Agency	5 Years	-	05 No. due to IWMP
Local Innovations in Watershed Increase	Survey	PIA/WDT	5 Years	-	3-5 No. due to IWMP
Farmer's aware about climate change impacts increase	Survey	WDT/Expert	5 Years	-	15-20% due to IWMP
No. of farmers undergone trainings	Survey	PIA/WDT/ M & E Agency	Yearly	-	200 farmers per annum
Participation in exposure visits organised	Survey		Yearly	-	200 farmers per annum
Mechanization RCT increased	Survey		5 Years	-	10-15%
<b>Cropping intensity, viz. shift from single to double, triple/intercropping increase</b>					
Single Crop	Survey	PIA/WDT/ M & E Agency	3 Years 5 Years	2551.14	1966.68
Double C rop	Survey			1479.43	2103.66
Multiple Crop	Survey			0.00	117.00
Cropping Intensity (in %)	Survey			113.61%	134.53%
B : C Ratio	Survey			1.64 :1	2.58 :1
<b>Improvement in Productivity</b>					
<b>Cereals, pulses, oil seeds, Fodder, Cash crops, Ornamental, vegetables, spices and plantation crops</b>					
<b>Khariff (Productivity in quintal/ha)</b>					
Paddy				17.00	19.50
Jwar				6.00	7.50
Bajra				5.50	7.25
Maiz				9.00	14.50



BENCHMARKING OF IWMP PROJECTS-	Jugail-I, IWMP-V	District:	Sonbhadra				
	Agro Climetic Zone:		Vindhyan Zone				
	Measuring details			Benchmark Indicators/Values (in % / No.)			
Indicators	How	Who	Frequency/ Stages	Pre Project Status	Post Project Status		
Arhar	Survey	WDT/ M & E Agency	5 Years	3.25	5.75		
Urd/Moong				3.00	5.25		
Sawan/Kondo				2.25	3.00		
Til				2.25	3.25		
Chia				0.00	10.00		
Vegetable				40.00	75.00		
Fodder				150.00	230.00		
Others				7.75	12.50		
<b>Rabi (Productivity in quintal/ha)</b>							
Wheat				16.25	20.50		
Barley				6.00	10.00		
Mustard				3.00	5.75		
Lentil/Gram				3.25	5.25		
Field Pea				11.50	14.00		
Linseed				2.50	3.50		
Quinoa				0.00	10.00		
Vegetable				45.00	70.00		
Fodder				160.00	200.00		
Others				8.00	12.00		
<b>Zaid (Productivity in quintal/ha)</b>				0.00	9.00		
<b>Animal husbandary, dairy and fisheries</b>							
Increase in area under grassland on CPR	Revenue Recrd/ Survey	WDT/ M & E Agency	3 Years 5 Years	-	4-5% 5-6%		
Increase in area under cultivated fodder	Revenue Recrd/ Survey	WDT/ M & E Agency	3 Years 5 Years	-	4-5% 5-6%		
Shift from open grazing to stall feeding	Revenue Recrd/ Survey	WDT/ M & E Agency	3 Years 5 Years	-	10-12% 12-15%		
Health camps	Survey		Yearly	-	Average one camp/annum		
No. of livestock owners adopting artificial insemination services	Survey	WDT/PIA, M & E Agency	3 Years 5 Years	-	20-25% due to IWMP 20-25% due to IWMP		
increase in production of aquaculture	Survey		5 Years	-	5-10%		
<b>Economic, Financial Process, Assets, Institutional, Risk and Convergence</b>							
Economic Indicators							
Total Average Income for Assetless/Annum in Rs.	Survey	M & E Agency	3 Years 5 Years	17000	23900		
Total Average Income for Farmers/Annum in Rs.	Survey	M & E Agency	3 Years	22500	31000		

BENCHMARKING OF IWMP PROJECTS-	Jugail-I, IWMP-V	District:	Sonbhadra		
	Agro Climetic Zone:			Vindhyan Zone	
	Measuring details			Benchmark Indicators/Values (in % / No.)	
Indicators	How	Who	Frequency/ Stages	Pre Project Status	Post Project Status
				Total Average income for Farmers/Annam in Rs.	Survey
No. of families recorded positive change in income	Survey	M & E Agency	3 Years	-	25% due to IWMP
			5 Years		50% due to IWMP
Distress migration	Survey	M & E Agency	3 Years	-	30% reduction due to IWMP
			5 Years		
<b>Financial Indicators</b>					
Financial/Credit linkages(SHG/UGs/CIGs)	Survey	M & E Agency	5 Years	-	75-80% as planned under DPR
Watershed development Fund	Survey	M & E Agency	5 Years	-	100% as planned under DPR
Common property resource maintenance mechanism	Survey	M & E Agency	5 Years	-	60-75% as planned under DPR
<b>Process Monitoring</b>					
Status of area treatment	Survey	M & E Agency	3 Years	-	100% as planned under DPR
status of drainage line treatment	Survey	M & E Agency	5 Years	-	100% as planned under DPR
No. of Social audits	Survey	M & E Agency	5 Years	-	70-80% as planned under DPR
Gram Sabha's participation in planning and management of watershed	Survey	M & E Agency	3 Years	-	Active Participation as planned under DPR
			5 Years	-	Active Participation as planned under DPR
<b>Formation of Institutions</b>					
No. of SHGs/CBOs/Micro-enterprises formed	Survey	M & E Agency	3 Years	-	70-80% as planned under DPR by 3rd Year
No. of Watershed Committee Functional	Survey	M & E Agency	3 Years	-	100% Functional
<b>Capacity Building of Institutions</b>					
WCs/PIAs/CBOs	Survey	M & E Agency	5 Years	-	As Planned under DPR
PRIs	Survey	M & E Agency	3 Years	-	100% office Bearer Trained
			5 Years		80% Member Trained
<b>Watershed Assets</b>					
No. of common watershed assets created	Survey	M & E Agency	3 Years	-	60% as planned under DPR
			5 Years		80% as planned under DPR
No. of Private Assets	Survey	M & E Agency	5 Years	-	70% as planned under DPR

BENCHMARKING OF IWMP PROJECTS-	Jugail-I, IWMP-V	District:	Sonbhadra		
	Agro Climetic Zone:		Vindhyan Zone		
Indicators	Measuring details			Benchmark Indicators/Values (in % / No.)	
	How	Who	Frequency/ Stages	Pre Project Status	Post Project Status
<b>Risk Management</b>					
No. of SHGs/CBOs/Micro-enterprises linked to market	Survey	M & E Agency	5 Years	-	60% as planned un der DPR
Crop production related risk	Survey	M & E Agency	5 Years	-	50% reduction in crop failure per annum
<b>Convergence</b>					
Schemes	Survey	M & E Agency	3 Years	-	60% as planned under DPR
			5 Years		100% as planned under DPR
Institutional	Survey	M & E Agency	3 Years	-	60% as planned under DPR
			5 Years		100% as planned under DPR
Technology	Survey	M & E Agency	3 Years	-	60% as planned under DPR
			5 Years		100% as planned under DPR

S.No.	Objectives of IWMP
1	The main objectives of the IWMP are to restore the ecological balance by harnessing, conserving and developing degraded natural resources such as soil, vegetative cover and water.
2	Prevention of soil, run-off; rain water harvesting and recharging of the ground water table.
3	Regeneration of natural vegetation
4	Introduction of multi-cropping and diverse agro-based activities, which help to provide sustainable livelihoods to the people residing in the watershed area.
5	Promote development of cost effective and proven technologies to support watershed management

<b>WEIGHTAGE POINT</b>														
<b>Name of Project</b>		<b>Jugail-I, IWMP-V</b>					<b>District:</b>		<b>Sonbhadra</b>					
<b>Marks Obtained</b>														
	<b>i</b>	<b>ii</b>	<b>iii</b>	<b>iv</b>	<b>v</b>	<b>vi</b>	<b>vii</b>	<b>viii</b>	<b>ix</b>	<b>x</b>	<b>xi</b>	<b>xii</b>	<b>xiii</b>	<b>TOTAL</b>
<b>As per PPR</b>	7.5	10	5	10	0	10	15	7.5	15	10	10	10	0	<b>110</b>

Details of Ongoing Development Programme in the Project Area			Jugail-I, IWMP-V	District	Sonbhadra	
S. No.	Name of Programme	Sponsoring Agency/ Department	Objective of Programme	Commencement Year	Village Covered	Remarks
1	Ekikrit Bagwani Mission	Dept. of Horticulture	Promotion of Horticultural development through Direct Beneficiary Transfer (DBT) higher productivity.	2005-06	All villages of the district covered under this scheme.	
2	PMKSY	Deptt. of Horticulture		2015-16	All village.	
3	RKVY	Deptt. of Horticulture		2015-16	All village.	
4	Soli Health Card	Department of Agriculture	Balance use of Fertilizers as per Soil Test Report	2014-15	All village.	
5	Subsidised Agriculture Equipments	Department of Agriculture	Farm Mechanization	2010-11	All village.	
6	Crop Insurance	Department of Agriculture	To provide Financial Coverage from Natural Climates	2015-16	All village.	
7	NRLM	Department of Rural Development	Empowerment of BPL families	2014-15	All village.	
8	Skill Development Mission	Directorate of Skill Development Mission, U.P.	Skill/Trade Training for economic Empowerment	2015-16	All village.	

MWS WISE DETAILS OF COORDINATES, LENGTH, MINIMUM AND MAXIMUM ELEVATION OF THE PROJECT AREA OF							Jugail-I, IWMP-V		District: Sonbhadra			
S. No.	MWS CODE	COORDINATES					DIRECTION LENGTH IN METER		Elevation (in m)			
		MWS NAME	Longitude (X)		Latitude (Y)		EW	NS	Minimum Elevation	Maximum Elevation	Difference	Mean Elevation
1	2A6D1b1b	Jogaeal-I	82° 47' 38.41" E	82° 52' 12.86" E	24° 28' 58.38" N	24° 30' 55.84" N	7405	1509	227.00	457.50	230.50	342.62
2	2A6D1b1c	Jogaeal-II	82° 45' 33.51" E	82° 48' 08.96" E	24° 28' 25.91" N	24° 30' 08.15" N	4162	3211	327.00	495.00	168.00	414.39
3	2A6D1b2c	Jogaeal-III	82° 46' 38.68" E	82° 49' 38.04" E	24° 29' 49.22" N	24° 30' 35.82" N	4732	1725	245.50	409.00	163.50	329.95
4	2A6D1d1d	Jogaeal-IV	82° 51' 25.53" E	82° 53' 50.30" E	24° 26' 01.86" N	24° 28' 05.55" N	3651	3892	192.50	337.50	145.00	256.77
5	2A6D1d1e	Jogaeal-V	82° 48' 29.82" E	82° 51' 36.12" E	24° 27' 03.97" N	24° 28' 12.98" N	4853	1938	227.50	425.50	198.00	322.38
6	2A6D1d2c	Jogaeal-VI	82° 47' 31.01" E	82° 50' 21.28" E	24° 27' 55.86" N	24° 29' 25.89" N	4780	2277	278.00	450.50	172.50	382.95
7	2A6D1e2b	Jogaeal-VII	82° 46' 14.11" E	82° 48' 23.19" E	24° 26' 18.82" N	24° 28' 18.03" N	3967	2850	258.00	439.50	181.50	346.67
8	2A6D1e2c	Jogaeal-VIII	82° 45' 57.10" E	82° 47' 50.49" E	24° 26' 47.41" N	24° 28' 38.59" N	2799	3217	265.00	475.00	210.00	375.82
9	2A6F2a1a	Jogaeal-IX	82° 44' 19.21" E	82° 46' 53.69" E	24° 28' 38.79" N	24° 30' 08.15" N	4399	2005	309.50	471.50	162.00	403.04
10	2A6F2a1b	Bharari-I	82° 43' 56.88" E	82° 46' 38.68" E	24° 29' 45.71" N	24° 30' 53.03" N	4591	2285	246.50	442.00	195.50	329.47
11	2A6F2a1c	Bharari-II	82° 43' 20.86" E	82° 46' 13.29" E	24° 30' 26.79" N	24° 31' 19.49" N	4788	1734	239.50	352.00	112.50	301.86
	<b>TOTAL</b>		<b>82° 43' 20.86" E</b>	<b>82° 53' 50.30" E</b>	<b>24° 26' 01.86" N</b>	<b>24° 31' 19.49" N</b>			<b>192.50</b>	<b>495.00</b>	<b>302.50</b>	<b>342.69</b>

MWS/GP/Village WISE DETAILS OF LAND-GEOGRAPHICAL AND TREATABLE AREA of Project Area-										Jugail-I, IWMP-V			District:-	Sonbhadra		(Area in ha)	
MWS CODE	Gram Panchayat	VILLAGE NAME	Cultivable Land			Water bodies			Non Cultivable Land					Gepgraphical Area	Treatable Area		
			Area under Agriculture	Scrub Land	Waste Land	Canal	River/Drain	Lakes/Ponds	Buitup Area			Dense Scrub /Forest					
									Road	Railway	Settlements		Plantation			Brick Kiln	
2A6D1b1b	Jogaeal	Jogaeal	246.612	127.103	6.668		9.968	2.731	8.147	0.000	5.410	11.578	0.000	423.788	842.003		
<b>Sub Total</b>			<b>246.612</b>	<b>127.103</b>	<b>6.668</b>	<b>0.000</b>	<b>9.968</b>	<b>2.731</b>	<b>8.147</b>	<b>0.000</b>	<b>5.410</b>	<b>11.578</b>	<b>0.000</b>	<b>423.788</b>	<b>842.003</b>	<b>606.00</b>	
2A6D1b1c	Jogaeal	Jogaeal	136.318	46.866	9.632		5.027	1.930	3.654		1.592	2.161		409.965	617.146		
<b>Sub Total</b>			<b>136.318</b>	<b>46.866</b>	<b>9.632</b>	<b>0.000</b>	<b>5.027</b>	<b>1.930</b>	<b>3.654</b>	<b>0.000</b>	<b>1.592</b>	<b>2.161</b>	<b>0.000</b>	<b>409.965</b>	<b>617.146</b>	<b>444.00</b>	
2A6D1b2c	Jogaeal	Jogaeal	125.597	30.193	82.515		6.344	0.622	3.136		1.779	5.653		228.584	484.423		
<b>Sub Total</b>			<b>125.597</b>	<b>30.193</b>	<b>82.515</b>	<b>0.000</b>	<b>6.344</b>	<b>0.622</b>	<b>3.136</b>	<b>0.000</b>	<b>1.779</b>	<b>5.653</b>	<b>0.000</b>	<b>228.584</b>	<b>484.423</b>	<b>349.00</b>	
2A6D1d1d	Panari Chanchaliya	Panari Chanchaliya	21.999	0.000	11.758		9.466	0.434	0.201		0.165	0.000		0.000	44.024		
2A6D1d1d	Parshoi	Parshoi	159.984	46.017	118.134		42.436	1.210	4.569		2.124	4.890		191.937	571.301		
<b>Sub Total</b>			<b>181.983</b>	<b>46.017</b>	<b>129.892</b>	<b>0.000</b>	<b>51.902</b>	<b>1.643</b>	<b>4.770</b>	<b>0.000</b>	<b>2.290</b>	<b>4.890</b>	<b>0.000</b>	<b>191.937</b>	<b>615.325</b>	<b>462.00</b>	
2A6D1d1e	Jogaeal	Jogaeal	14.915	40.888	27.322		0.928	0.000	0.871		0.000	0.000		43.125	128.050		
2A6D1d1e	Parshoi	Parshoi	45.466	196.117	117.600		6.432	1.534	1.394		0.262	0.000		156.074	524.879		
<b>Sub Total</b>			<b>60.381</b>	<b>237.005</b>	<b>144.922</b>	<b>0.000</b>	<b>7.360</b>	<b>1.534</b>	<b>2.265</b>	<b>0.000</b>	<b>0.262</b>	<b>0.000</b>	<b>0.000</b>	<b>199.199</b>	<b>652.928</b>	<b>470.00</b>	
2A6D1d2c	Jogaeal	Jogaeal	242.397	48.942	13.471		6.925	0.708	3.733		3.251	4.190		325.131	648.748		
<b>Sub Total</b>			<b>242.397</b>	<b>48.942</b>	<b>13.471</b>	<b>0.000</b>	<b>6.925</b>	<b>0.708</b>	<b>3.733</b>	<b>0.000</b>	<b>3.251</b>	<b>4.190</b>	<b>0.000</b>	<b>325.131</b>	<b>648.748</b>	<b>467.00</b>	
2A6D1e2b	Jogaeal	Jogaeal	64.290	123.194	124.908		3.897	1.340	1.411		1.471	0.171		112.872	433.554		
<b>Sub Total</b>			<b>64.290</b>	<b>123.194</b>	<b>124.908</b>	<b>0.000</b>	<b>3.897</b>	<b>1.340</b>	<b>1.411</b>	<b>0.000</b>	<b>1.471</b>	<b>0.171</b>	<b>0.000</b>	<b>112.872</b>	<b>433.554</b>	<b>312.00</b>	
2A6D1e2c	Jogaeal	Jogaeal	194.691	172.831	208.738		6.343	2.888	1.912		1.570	4.061		122.814	715.847		
<b>Sub Total</b>			<b>194.691</b>	<b>172.831</b>	<b>208.738</b>	<b>0.000</b>	<b>6.343</b>	<b>2.888</b>	<b>1.912</b>	<b>0.000</b>	<b>1.570</b>	<b>4.061</b>	<b>0.000</b>	<b>122.814</b>	<b>715.847</b>	<b>515.00</b>	
2A6F2a1a	Bharari	Bharari	0.000	0.000	0.000		0.027	0.000	0.000		0.000	0.000		13.066	13.093		
2A6F2a1a	Jogaeal	Jogaeal	357.976	10.336	14.329		3.860	1.923	5.509		3.880	3.609		248.883	650.305		
<b>Sub Total</b>			<b>357.976</b>	<b>10.336</b>	<b>14.329</b>	<b>0.000</b>	<b>3.887</b>	<b>1.923</b>	<b>5.509</b>	<b>0.000</b>	<b>3.880</b>	<b>3.609</b>	<b>0.000</b>	<b>261.948</b>	<b>663.398</b>	<b>465.00</b>	
2A6F2a1b	Bharari	Bharari	185.083	101.170	34.620		3.605	1.610	7.022		3.374	8.626		260.902	606.012		
2A6F2a1b	Jogaeal	Jogaeal	0.374	0.000	5.096		0.254	0.000	0.178		0.000	0.000		34.607	40.509		
<b>Sub Total</b>			<b>185.457</b>	<b>101.170</b>	<b>39.716</b>	<b>0.000</b>	<b>3.859</b>	<b>1.610</b>	<b>7.200</b>	<b>0.000</b>	<b>3.374</b>	<b>8.626</b>	<b>0.000</b>	<b>295.509</b>	<b>646.520</b>	<b>465.00</b>	
2A6F2a1c	Bharari	Bharari	96.593	87.974	79.702		4.457	1.679	1.270		1.478	5.962		131.311	410.426		
<b>Sub Total</b>			<b>96.593</b>	<b>87.974</b>	<b>79.702</b>	<b>0.000</b>	<b>4.457</b>	<b>1.679</b>	<b>1.270</b>	<b>0.000</b>	<b>1.478</b>	<b>5.962</b>	<b>0.000</b>	<b>131.311</b>	<b>410.426</b>	<b>295.00</b>	
<b>Grand Total</b>			<b>1892.30</b>	<b>1031.63</b>	<b>854.49</b>	<b>0.00</b>	<b>109.97</b>	<b>18.61</b>	<b>43.01</b>	<b>0.00</b>	<b>26.36</b>	<b>50.90</b>	<b>0.00</b>	<b>2703.06</b>	<b>6730.32</b>	<b>4850.00</b>	



<b>On The basis of Above Table 3 Watershed Committees (WCs) have been formed at GP Level and GP wise Treatable Area in ha Given Below</b>		
<b>Jugail-I, IWMP-V</b>		<b>District</b>
<b>S.No.</b>	<b>Name of Watershed Committee</b>	<b>Sonbhadra</b>
		<b>Project Area in ha</b>
1	Bharari	752
2	Jogaeal	3254
3	Parshoi	844
<b>Total :</b>		<b>4850</b>

Rainfall data of District						Sonbhadra		for Last Ten Years from 2003-2013 (Rainfall in mm)								
Month	June	July	August	September	October	November	December	January	February	March	April	May	Average Rainfall	Minimum Temp. °C	Maximum Temp. °C	Relative Humidity
Year	Rain	Rain	Rain	Rain	Rain	Rain	Rain	Rain	Rain	Rain	Rain	Rain		14	15	17
1	2	3	4	5	6	7	8	9	10	11	12	13				
2003-2004	8.20	56.40	348.00	43.00	39.70	0.00	14.40	11.00	0.00	0.00	5.60	27.50	553.80	1°C	47°C	36%-82%
2004-2005	173.50	201.50	186.40	79.00	0.80	0.00	0.00	10.80	28.70	21.90	0.00	4.00	706.60			
2005-2006	14.60	170.00	208.30	79.80	0.70	0.00	0.00	0.00	0.00	40.00	5.30	4.50	523.20			
2006-2007	56.65	348.85	256.30	45.75	2.00	0.00	0.00	0.00	41.30	30.10	4.00	4.70	789.65			
2007-2008	17.05	85.80	76.98	84.05	8.53	0.00	7.00	22.20	1.60	0.00	1.13	0.00	304.33			
2008-2009	147.00	36.20	90.40	4.10	8.40	0.00	0.00	0.00	0.00	0.00	1.20	0.00	287.30			
2009-2010	39.90	377.00	178.30	434.20	2.30	4.00	8.80	1.50	0.00	0.00	26.50	2.80	1075.30			
2010-2011	24.30	9.80	30.70	156.60	11.60	4.80	15.20	0.00	0.00	0.00	1.40	2.60	257.00			
2011-2012	232.90	175.50	408.20	425.20	5.00	0.00	0.00	20.30	8.70	6.40	0.00	0.90	1283.10			
2012-2013	8.20	112.50	5.10	65.10	20.30	24.90	0.30	0.90	0.00	0.00	0.00	0.00	237.30			

**Average Rainfall of Last Ten Years 601.76**

District-Sonbhadra		Agro-Climatic Zone :				Vindhyan Zone							
	Month	Jan	Feb	Mar	Apl	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Temp	Max.	32°C	36°C	40°C	45°C	47°C	47°C	40°C	38°C	38°C	38°C	35°C	31°C
	Min.	2°C	5°C	9°C	15°C	20°C	21°C	24°C	23°C	22°C	16°C	1°C	5°C
Relative Humidity		70%	62%	47%	36%	42%	60%	79%	82%	80%	70%	64%	70%
Hours of Sunshine		10	11	11	12	12	11	7	7	8	10	10	10
No. of Rainy Days		3	2	2	2	2	8	13	13	10	3	1	1

Natural Climeties in the Project Area of,		Jugail-I, IWMP-V	District:-	Sonbhadra	- (Last 05 Years)
S. No.	Name of Climety	Number of Village Affected		Periodicity	Name of Affected Village
		Affected	Not Affected		
1	Drought	Affected	all villages affected of the project area	Every alternate Year	all villages of the project area
2	Flood	-	Not Affected	-	-

Details of Soil Erosion in the project area of,		Jugail-I, IWMP-V	District:-	Sonbhadra
1	2	3	4	5
Cause	Type of erosion	Area affected (ha)	Run off (40% of the Annual Rainfall) (mm/ year)	Average soil loss (Tonnes/ha/ year)
Water erosion (25-30% of Project Areas)				
a	Sheet (60-65% of Water Erosion)	3031.25	240.70	10-12
b	Rill (20-25% of Water Erosion)	1091.25		
c	Gully Erosion (12-18%)	727.50		
Wind erosion - Nil		N.A.		
<b>Total</b>		4850		

MWS Wise Details of Land under Various SLOPE Range of Project				Jugail-I, IWMP-V		District-	Sonbhadra			
(Area In ha)		AREA OF SLOPE % RANGE (in ha)								
MWS Code	MWS Name	00.00-00.50	00.51- 1.00	01.01-02.00	02.01-03.00	03.01-04.00	04.01-05.00	05.01-15.00	Above 15	TOTAL
2A6D1b1b	Jogaeal-I	5.50	34.65	92.93	48.84	36.15	34.03	240.23	349.68	
2A6D1b1c	Jogaeal-II	0.00	1.25	6.76	17.71	20.04	48.70	293.84	228.85	617.15
2A6D1b2c	Jogaeal-III	3.06	10.98	64.42	68.13	28.29	30.85	108.08	170.63	484.42
2A6D1d1d	Jogaeal-IV	0.00	12.25	55.49	43.46	62.02	39.23	250.22	152.65	615.33
2A6D1d1e	Jogaeal-V	1.25	5.00	18.40	41.34	78.90	89.37	361.16	57.51	652.93
2A6D1d2c	Jogaeal-VI	1.54	0.00	17.86	49.16	33.52	50.98	220.89	274.80	648.75
2A6D1e2b	Jogaeal-VII	0.00	6.62	40.05	66.73	83.96	60.92	113.56	61.72	433.55
2A6D1e2c	Jogaeal-VIII	1.50	2.88	60.94	87.60	116.62	114.49	251.56	80.26	715.85
2A6F2a1a	Jogaeal-IX	0.00	13.25	52.07	92.71	76.71	53.30	191.75	183.61	663.40
2A6F2a1b	Bharari-I	2.00	0.00	35.25	41.99	44.99	34.51	259.90	227.88	646.52
2A6F2a1c	Bharari-II	3.00	0.00	27.93	28.86	25.42	24.99	153.73	146.51	410.43
<b>Total</b>		<b>17.85</b>	<b>86.88</b>	<b>472.08</b>	<b>586.52</b>	<b>606.63</b>	<b>581.35</b>	<b>2444.93</b>	<b>1934.08</b>	<b>5888.32</b>

MWS Wise Details of Land under Various SLOPE Category of Project Area of				Jugail-I, IWMP-V		District-	Sonbhadra					
		(Area In ha)										
MWS Code	MWS Name	Builtup Land	Waterbodies	Nearly Level	Very Gently Sloping	Gently Sloping	Moderately Sloping	Strongly Sloping	Moderate Steep Sloping	Steep Sloping	Very Steep Sloping	Total
2A6D1b1b	Jogaeal-I	25.13	12.70	31.86	106.90	107.85	133.77	325.47	75.72	22.60		842.00
2A6D1b1c	Jogaeal-II	7.41	6.96	0.65	16.23	119.43	56.50	348.65	38.12	23.19		617.15
2A6D1b2c	Jogaeal-III	10.57	6.97	9.45	79.52	36.63	112.71	117.55	54.60	56.44		484.42
2A6D1d1d	Jogaeal-IV	11.95	53.55	6.33	44.68	130.97	175.91	164.30	22.59	5.05		615.33
2A6D1d1e	Jogaeal-V	2.53	8.89	2.01	6.13	52.24	381.93	189.91	9.29			652.93
2A6D1d2c	Jogaeal-VI	11.17	7.63	1.50	47.79	193.11	62.41	276.44	40.24	8.45		648.75
2A6D1e2b	Jogaeal-VII	3.05	5.24	0.85	23.79	39.65	248.10	108.79	4.09			433.55
2A6D1e2c	Jogaeal-VIII	7.54	9.23	1.76	49.41	143.51	381.57	90.35	30.00	2.46		715.85
2A6F2a1a	Jogaeal-IX	13.00	5.81	12.65	137.38	207.95	24.66	218.30	34.03	9.61		663.40
2A6F2a1b	Bharari-I	19.20	5.47		42.60	142.86	140.89	208.33	26.86	59.07	1.25	646.52
2A6F2a1c	Bharari-II	8.71	6.14	1.05	27.74	67.80	167.68	112.17	19.14			410.43
<b>Total :</b>		<b>120.26</b>	<b>128.58</b>	<b>68.11</b>	<b>582.18</b>	<b>1242.01</b>	<b>1886.12</b>	<b>2160.26</b>	<b>354.67</b>	<b>186.88</b>	<b>1.25</b>	<b>6730.32</b>

MWS Wise Details of Land under Various LCC Category of Project Area of					Jugail-I, IWMP-V	District-	Sonbhadra			(Area In ha)		
MWS Code	MWS Name	I	II	III	IV	V	VI	VII	VIII	Builtup Area	Water bodies	TOTAL
2A6D1b1b	Jogaeal-I	31.86	106.90	107.85	133.77	325.47	75.72	22.60		25.13	12.70	842.00
2A6D1b1c	Jogaeal-II	0.65	16.23	119.43	56.50	348.65	38.12	23.19		7.41	6.96	617.15
2A6D1b2c	Jogaeal-III	9.45	79.52	36.63	112.71	117.55	54.60	56.44		10.57	6.97	484.42
2A6D1d1d	Jogaeal-IV	6.33	44.68	130.97	175.91	164.30	22.59	5.05		11.95	53.55	615.33
2A6D1d1e	Jogaeal-V	2.01	6.13	52.24	381.93	189.91	9.29			2.53	8.89	652.93
2A6D1d2c	Jogaeal-VI	1.50	47.79	193.11	62.41	276.44	40.24	8.45		11.17	7.63	648.75
2A6D1e2b	Jogaeal-VII	0.85	23.79	39.65	248.10	108.79	4.09			3.05	5.24	433.55
2A6D1e2c	Jogaeal-VIII	1.76	49.41	143.51	381.57	90.35	30.00	2.46		7.54	9.23	715.85
2A6F2a1a	Jogaeal-IX	12.65	137.38	207.95	24.66	218.30	34.03	9.61		13.00	5.81	663.40
2A6F2a1b	Bharari-I		42.60	142.86	140.89	208.33	26.86	59.07	1.25	19.20	5.47	646.52
2A6F2a1c	Bharari-II	1.05	27.74	67.80	167.68	112.17	19.14			8.71	6.14	410.43
<b>Total</b>		<b>68.11</b>	<b>582.18</b>	<b>1242.01</b>	<b>1886.12</b>	<b>2160.26</b>	<b>354.67</b>	<b>186.88</b>	<b>1.25</b>	<b>120.26</b>	<b>128.58</b>	<b>6730.32</b>

MWS Wise Details of Land under Various Soil Depth Category of Project Area of						Jugail-I, IWMP-V		District-		Sonbhadra		(Area In ha)	
MWS Code	MWS Name	Builtup Land	Waterbodies	Very Deep (>90.00 cm)	Deep (45.00-90.00 cm)	Moderately Deep (22.5-45.00 cm)	Shallow (7.5-22.5 cm)	Very Shallow (<7.5 cm)	Very Light (<7.5 cm)	Rock (Very Shallow)	Rocky (Sery Shallow)	Total	
2A6D1b1b	Jogaeal-I	25.13	12.70	31.86	106.90	107.85	133.77	325.47	75.72	22.60		842.00	
2A6D1b1c	Jogaeal-II	7.41	6.96	0.65	16.23	119.43	56.50	348.65	38.12	23.19		617.15	
2A6D1b2c	Jogaeal-III	10.57	6.97	9.45	79.52	36.63	112.71	117.55	54.60	56.44		484.42	
2A6D1d1d	Jogaeal-IV	11.95	53.55	6.33	44.68	130.97	175.91	164.30	22.59	5.05		615.33	
2A6D1d1e	Jogaeal-V	2.53	8.89	2.01	6.13	52.24	381.93	189.91	9.29			652.93	
2A6D1d2c	Jogaeal-VI	11.17	7.63	1.50	47.79	193.11	62.41	276.44	40.24	8.45		648.75	
2A6D1e2b	Jogaeal-VII	3.05	5.24	0.85	23.79	39.65	248.10	108.79	4.09			433.55	
2A6D1e2c	Jogaeal-VIII	7.54	9.23	1.76	49.41	143.51	381.57	90.35	30.00	2.46		715.85	
2A6F2a1a	Jogaeal-IX	13.00	5.81	12.65	137.38	207.95	24.66	218.30	34.03	9.61		663.40	
2A6F2a1b	Bharari-I	19.20	5.47		42.60	142.86	140.89	208.33	26.86	59.07	1.25	646.52	
2A6F2a1c	Bharari-II	8.71	6.14	1.05	27.74	67.80	167.68	112.17	19.14			410.43	
<b>Total :</b>		<b>120.26</b>	<b>128.58</b>	<b>68.11</b>	<b>582.18</b>	<b>1242.01</b>	<b>1886.12</b>	<b>2160.26</b>	<b>354.67</b>	<b>186.88</b>	<b>1.25</b>	<b>6730.32</b>	

MWS Wise Details of Land under Various Soil Fertility Category of Project Area of						Jugail-I, IWMP-V		District-		Sonbhadra		(Area In ha)	
MWS Code	MWS Name	Builtup Land	Waterbodies	Very High	High	Medium	Medium to Low	Low	Very Low	Rocky or Stony	Rocky	Total	
2A6D1b1b	Jogaeal-I	25.13	12.70	31.86	106.90	107.85	133.77	325.47	75.72	22.60		842.00	
2A6D1b1c	Jogaeal-II	7.41	6.96	0.65	16.23	119.43	56.50	348.65	38.12	23.19		617.15	
2A6D1b2c	Jogaeal-III	10.57	6.97	9.45	79.52	36.63	112.71	117.55	54.60	56.44		484.42	
2A6D1d1d	Jogaeal-IV	11.95	53.55	6.33	44.68	130.97	175.91	164.30	22.59	5.05		615.33	
2A6D1d1e	Jogaeal-V	2.53	8.89	2.01	6.13	52.24	381.93	189.91	9.29			652.93	
2A6D1d2c	Jogaeal-VI	11.17	7.63	1.50	47.79	193.11	62.41	276.44	40.24	8.45		648.75	
2A6D1e2b	Jogaeal-VII	3.05	5.24	0.85	23.79	39.65	248.10	108.79	4.09			433.55	
2A6D1e2c	Jogaeal-VIII	7.54	9.23	1.76	49.41	143.51	381.57	90.35	30.00	2.46		715.85	
2A6F2a1a	Jogaeal-IX	13.00	5.81	12.65	137.38	207.95	24.66	218.30	34.03	9.61		663.40	
2A6F2a1b	Bharari-I	19.20	5.47		42.60	142.86	140.89	208.33	26.86	59.07	1.25	646.52	
2A6F2a1c	Bharari-II	8.71	6.14	1.05	27.74	67.80	167.68	112.17	19.14			410.43	
<b>Total :</b>		<b>120.26</b>	<b>128.58</b>	<b>68.11</b>	<b>582.18</b>	<b>1242.01</b>	<b>1886.12</b>	<b>2160.26</b>	<b>354.67</b>	<b>186.88</b>	<b>1.25</b>	<b>6730.32</b>	

MWS Wise Details of Land under Various Soil Texture of Project Area of						Jugail-I, IWMP-V		District-	Sonbhadra		(Area In ha)	
MWS Code	MWS Name	Builtup Land	Waterbodies	Fine Loamy Clay	Loamy Clay	Clay	Silty Clay	Fine Silty	Silty	Rocky or Stony	Rocky	Total
2A6D1b1b	Jogaeal-I	25.13	12.70	31.86	106.90	107.85	133.77	325.47	75.72	22.60		842.00
2A6D1b1c	Jogaeal-II	7.41	6.96	0.65	16.23	119.43	56.50	348.65	38.12	23.19		617.15
2A6D1b2c	Jogaeal-III	10.57	6.97	9.45	79.52	36.63	112.71	117.55	54.60	56.44		484.42
2A6D1d1d	Jogaeal-IV	11.95	53.55	6.33	44.68	130.97	175.91	164.30	22.59	5.05		615.33
2A6D1d1e	Jogaeal-V	2.53	8.89	2.01	6.13	52.24	381.93	189.91	9.29			652.93
2A6D1d2c	Jogaeal-VI	11.17	7.63	1.50	47.79	193.11	62.41	276.44	40.24	8.45		648.75
2A6D1e2b	Jogaeal-VII	3.05	5.24	0.85	23.79	39.65	248.10	108.79	4.09			433.55
2A6D1e2c	Jogaeal-VIII	7.54	9.23	1.76	49.41	143.51	381.57	90.35	30.00	2.46		715.85
2A6F2a1a	Jogaeal-IX	13.00	5.81	12.65	137.38	207.95	24.66	218.30	34.03	9.61		663.40
2A6F2a1b	Bharari-I	19.20	5.47		42.60	142.86	140.89	208.33	26.86	59.07	1.25	646.52
2A6F2a1c	Bharari-II	8.71	6.14	1.05	27.74	67.80	167.68	112.17	19.14			410.43
<b>Total :</b>		<b>120.26</b>	<b>128.58</b>	<b>68.11</b>	<b>582.18</b>	<b>1242.01</b>	<b>1886.12</b>	<b>2160.26</b>	<b>354.67</b>	<b>186.88</b>	<b>1.25</b>	<b>6730.32</b>
MWS Wise Details of Land under Various Soil Erosion of Project Area of						Jugail-I, IWMP-V		District-	Sonbhadra		(Area In ha)	
MWS Code	MWS Name	Builtup Land	Waterbodies	None to Slight Sheet Erosion	Slight Sheet Erosion	Moderately Erosion	Severe Small Gullies	None to Slight Gullies	Very Severe Gullied Land	Very Severe Gullied Land	Very Severe Gullied Land	Total
2A6D1b1b	Jogaeal-I	25.13	12.70	31.86	106.90	107.85	133.77	325.47	75.72	22.60		842.00
2A6D1b1c	Jogaeal-II	7.41	6.96	0.65	16.23	119.43	56.50	348.65	38.12	23.19		617.15
2A6D1b2c	Jogaeal-III	10.57	6.97	9.45	79.52	36.63	112.71	117.55	54.60	56.44		484.42
2A6D1d1d	Jogaeal-IV	11.95	53.55	6.33	44.68	130.97	175.91	164.30	22.59	5.05		615.33
2A6D1d1e	Jogaeal-V	2.53	8.89	2.01	6.13	52.24	381.93	189.91	9.29			652.93
2A6D1d2c	Jogaeal-VI	11.17	7.63	1.50	47.79	193.11	62.41	276.44	40.24	8.45		648.75
2A6D1e2b	Jogaeal-VII	3.05	5.24	0.85	23.79	39.65	248.10	108.79	4.09			433.55
2A6D1e2c	Jogaeal-VIII	7.54	9.23	1.76	49.41	143.51	381.57	90.35	30.00	2.46		715.85
2A6F2a1a	Jogaeal-IX	13.00	5.81	12.65	137.38	207.95	24.66	218.30	34.03	9.61		663.40
2A6F2a1b	Bharari-I	19.20	5.47		42.60	142.86	140.89	208.33	26.86	59.07	1.25	646.52
2A6F2a1c	Bharari-II	8.71	6.14	1.05	27.74	67.80	167.68	112.17	19.14			410.43
<b>Total :</b>		<b>120.26</b>	<b>128.58</b>	<b>68.11</b>	<b>582.18</b>	<b>1242.01</b>	<b>1886.12</b>	<b>2160.26</b>	<b>354.67</b>	<b>186.88</b>	<b>1.25</b>	<b>6730.32</b>

MWS WISE DETAILS OF STREAM ORDER IN THE PROJECT AREA OF			Jugail-I, IWMP-V	District-	Sonbhadra
S.NO.	MWS CODE	MWS NAME		Stream Order (Length in m)	
			No of Water Bodies	Length	NO.
1	2A6D1b1b	Jogaeal-I	10	16698.25	11
2	2A6D1b1c	Jogaeal-II	9	15360.76	11
3	2A6D1b2c	Jogaeal-III	4	12942.02	9
4	2A6D1d1d	Jogaeal-IV	4	14240.00	11
5	2A6D1d1e	Jogaeal-V	3	18751.05	24
6	2A6D1d2c	Jogaeal-VI	3	12387.83	10
7	2A6D1e2b	Jogaeal-VII	11	18791.10	21
8	2A6D1e2c	Jogaeal-VIII	6	25090.91	28
9	2A6F2a1a	Jogaeal-IX	3	10088.85	5
10	2A6F2a1b	Bharari-I	10	4695.00	4
11	2A6F2a1c	Bharari-II	5	10596.91	11
	<b>TOTAL</b>		<b>68</b>	<b>159642.67</b>	<b>145</b>

MWS WISE DETAILS OF ROAD LENGTH OF			Jugail-I, IWMP-V	District-	Sonbhadra
S.NO	M WS CODE	WS NAME	Road Length (in m)		
			Major Roads	Minor Roads	Total
1	2A6D1b1b	Jogaeal-I	12811.73	24641.03	37452.76
2	2A6D1b1c	Jogaeal-II	9434.33	15326.44	24760.77
3	2A6D1b2c	Jogaeal-III	736.02	14083.32	14819.34
4	2A6D1d1d	Jogaeal-IV	4398.88	14839.31	19238.19
5	2A6D1d1e	Jogaeal-V		12432.69	12432.69
6	2A6D1d2c	Jogaeal-VI		21350.34	21350.34
7	2A6D1e2b	Jogaeal-VII	3251.08	473.38	3724.46
8	2A6D1e2c	Jogaeal-VIII	2763.76	7520.23	10283.99
9	2A6F2a1a	Jogaeal-IX	11829.00	17815.03	29644.03
10	2A6F2a1b	Bharari-I	5022.40	27906.37	32928.77
11	2A6F2a1c	Bharari-II	5022.40	5229.21	10251.61
	<b>TOTAL</b>		<b>173706.57</b>		<b>173706.57</b>



MWS WISE DETAILS OF WATERBODIES UNDER				Jugail-I, IWMP-V	District-	Sonbhadra			
S. NO.	ID	CLASS	MWS CODE	MWS NAME	VILLAGE NAME	KHASRA NO	Longitude (X)	Latitude (Y)	AREA (ha)
1	12	Pond	2A6D1b1b		Jogaeal	3127,3134,3135,3121	82°51'18.00"	24°30'02.88"	0.47
2	90	Pond	2A6D1b1b		Jogaeal	13741	82°48'27.72"	24°29'32.64"	0.59
3	112	Pond	2A6D1b1b		Jogaeal	13,13731	82°48'58.68"	24°29'39.84"	0.01
4	166	Pond	2A6D1b1b		Jogaeal	8,13700,15760/1370,1	82°48'11.88"	24°29'41.28"	0.79
5	167	Pond	2A6D1b1b		Jogaeal	13666,52,13742,13741	82°48'12.60"	24°29'37.32"	0.36
6	197	Pond	2A6D1b1b		Jogaeal	3005,3074,3073,3006	82°51'45.72"	24°30'04.32"	0.12
7	248	Pond	2A6D1b1b		Jogaeal	3483,3484,3482,3485	82°51'11.52"	24°30'13.32"	0.08
8	259	Pond	2A6D1b1b		Jogaeal	3224,3227	82°51'26.28"	24°30'17.28"	0.09
9	262	Pond	2A6D1b1b		Jogaeal	3236,3243	82°51'21.60"	24°30'19.80"	0.11
10	263	Pond	2A6D1b1b		Jogaeal	3246,3351	82°51'43.56"	24°30'28.08"	0.19
<b>Sub Total :</b>				10					<b>2.80</b>
11	22	Pond	2A6D1b1c		Jogaeal	13400,13401	82°46'52.68"	24°29'29.40"	0.22
12	23	Pond	2A6D1b1c		Jogaeal	8414,13415,13401,1339	82°46'57.00"	24°29'29.40"	0.39
13	24	Pond	2A6D1b1c		Jogaeal	8415,13416,13417,1339	82°46'59.16"	24°29'30.48"	0.31
14	25	Pond	2A6D1b1c		Jogaeal	8,13420,13431,13419,1	82°47'01.68"	24°29'31.92"	0.24
15	68	Pond	2A6D1b1c		Jogaeal	13669,13440,136,13670	82°47'42.72"	24°29'39.84"	0.43
16	69	Pond	2A6D1b1c		Jogaeal	8671,13669,13672,136	82°47'44.88"	24°29'37.68"	0.34
<b>Sub Total :</b>				6					<b>1.93</b>
17	18	Pond	2A6D1b2c		Jogaeal	6382,6388	82°47'58.20"	24°30'14.04"	0.20
18	19	Pond	2A6D1b2c		Jogaeal	6217,6379	82°48'05.40"	24°30'15.12"	0.06
19	118	Pond	2A6D1b2c		Jogaeal	6355,6357,6351	82°48'21.60"	24°30'22.68"	0.37
<b>Sub Total :</b>				3					<b>0.64</b>
20	55	Pond	2A6D1d1d		Parshoi		82°53'22.92"	24°27'48.24"	0.46
21	121	Pond	2A6D1d1d		Parshoi	1410,1412,1415,1402,	82°52'08.04"	24°27'17.64"	0.90
22	131	Pond	2A6D1d1d		Parshoi	1284	82°52'04.08"	24°27'00.72"	0.24
23	132	Pond	2A6D1d1d		Parshoi	1240,1241,1263	82°52'05.88"	24°27'02.52"	0.07
<b>Sub Total :</b>				4					<b>1.67</b>
24	28	Pond	2A6D1d1e		Parshoi	65	82°50'41.64"	24°27'43.92"	0.75
25	29	Pond	2A6D1d1e		Parshoi	65	82°50'44.52"	24°27'42.84"	0.20
26	30	Pond	2A6D1d1e		Parshoi	80,117,125,123,121,12	82°51'11.16"	24°27'37.08"	0.40
27	31	Pond	2A6D1d1e		Parshoi	117,120	82°51'09.36"	24°27'36.00"	0.29
<b>Sub Total :</b>				4					<b>1.64</b>
28	51	Pond	2A6D1d2c		Jogaeal	8,13912,13906,13913,1	82°49'23.52"	24°28'49.08"	0.17
29	144	Pond	2A6D1d2c		Jogaeal	13121/2,13062,13063,	82°47'56.40"	24°28'37.56"	0.37
30	145	Pond	2A6D1d2c		Jogaeal	966,13967,13905,1396	82°49'50.16"	24°28'40.80"	0.22
<b>Sub Total :</b>				3					<b>0.76</b>

MWS WISE DETAILS OF WATERBODIES UNDER				Jugail-I, IWMP-V	District-	Sonbhadra			
S. NO.	ID	CLASS	MWS CODE	MWS NAME	VILLAGE NAME	KHASRA NO	Longitude (X)	Latitude (Y)	AREA (ha)
31	22	Pond	2A6D1e2b		Jogaeal	422,11423,11063,1102	82°46'40.80"	24°26'43.44"	0.91
32	29	Pond	2A6D1e2b		Jogaeal	11170,11063,	82°46'41.88"	24°26'30.48"	0.10
33	56	Pond	2A6D1e2b		Jogaeal	11139	82°46'50.52"	24°26'23.64"	0.04
<b>Sub Total :</b>				3					<b>1.05</b>
34	41	Pond	2A6D1e2c		Jogaeal	3,10839,10825,10831,1	82°46'17.04"	24°27'21.24"	0.65
35	42	Pond	2A6D1e2c		Jogaeal	1,08,31,10,830	82°46'14.52"	24°27'22.32"	0.19
36	43	Pond	2A6D1e2c		Jogaeal	839,10830,10838,1083	82°46'13.80"	24°27'25.20"	0.38
37	44	Pond	2A6D1e2c		Jogaeal	10839,10841,10842,	82°46'12.36"	24°27'29.16"	0.31
38	45	Pond	2A6D1e2c		Jogaeal	10838,9787,	82°46'09.12"	24°27'27.00"	0.39
39	61	Pond	2A6D1e2c		Jogaeal	951,10953,10952,1094	82°46'30.72"	24°26'55.68"	0.14
40	65	Pond	2A6D1e2c		Jogaeal	10864,10809,10866,	82°46'24.24"	24°27'15.12"	0.20
41	72	Pond	2A6D1e2c		Jogaeal	13187	82°46'29.64"	24°27'51.84"	0.52
42	77	Pond	2A6D1e2c		Jogaeal	10847	82°46'46.56"	24°27'20.88"	0.03
43	95	Pond	2A6D1e2c		Jogaeal	13187	82°46'50.52"	24°28'01.92"	0.07
44	97	Pond	2A6D1e2c		Jogaeal	13187/6,13187,	82°47'06.72"	24°28'05.52"	0.03
<b>Sub Total :</b>				11					<b>2.90</b>
45	52	Pond	2A6F2a1a		Jogaeal	13401	82°46'50.52"	24°29'29.40"	0.00
46	70	Pond	2A6F2a1a		Jogaeal	215,13214,13265,P,79	82°46'06.24"	24°29'17.16"	0.49
47	76	Pond	2A6F2a1a		Jogaeal	3,13332,13335,13336,1	82°46'29.28"	24°29'33.36"	0.58
48	77	Pond	2A6F2a1a		Jogaeal	3234,13340,1341,1342	82°46'29.28"	24°29'36.96"	0.39
49	78	Pond	2A6F2a1a		Jogaeal	340,13342,13461,1342	82°46'31.44"	24°29'37.32"	0.13
50	79	Pond	2A6F2a1a		Jogaeal	341,13342,13461,1342	82°46'32.52"	24°29'38.40"	0.13
51	195	Pond	2A6F2a1a		Jogaeal	13285	82°46'12.36"	24°29'29.04"	0.02
52	201	Pond	2A6F2a1a		Jogaeal	7963	82°45'56.52"	24°29'16.08"	0.02
53	204	Pond	2A6F2a1a		Jogaeal	40,7841,7655,7654,763	82°45'42.12"	24°29'26.88"	0.21
<b>Sub Total :</b>				9					<b>1.97</b>
54	57	Pond	2A6F2a1b		Bharari	3344,3340,3345,3367,	82°45'28.44"	24°30'26.64"	0.50
55	58	Pond	2A6F2a1b		Bharari	40,3370,3345,3372,336	82°45'30.96"	24°30'25.20"	0.47
56	78	Pond	2A6F2a1b		Bharari	3228,3229,	82°45'05.76"	24°30'27.36"	0.36
57	139	Pond	2A6F2a1b		Bharari	3358,3357,	82°45'24.48"	24°30'29.88"	0.01
58	146	Pond	2A6F2a1b		Bharari	3283,3361,3282,3359,	82°45'17.28"	24°30'27.72"	0.19
59	147	Pond	2A6F2a1b		Bharari	3279,3280,	82°45'11.52"	24°30'27.72"	0.09
60	152	Pond	2A6F2a1b		Bharari	3995	82°46'03.72"	24°30'28.08"	0.03
61	179	Pond	2A6F2a1b		Bharari	3124,	82°44'25.08"	24°30'19.44"	0.01
62	180	Pond	2A6F2a1b		Bharari	3120,3122,	82°44'22.92"	24°30'20.52"	0.01
63	205	Pond	2A6F2a1b		Bharari	3274,3273,	82°45'05.40"	24°30'19.44"	0.02

MWS WISE DETAILS OF WATERBODIES UNDER				Jugail-I, IWMP-V		District-		Sonbhadra	
S. NO.	ID	CLASS	MWS CODE	MWS NAME	VILLAGE NAME	KHASRA NO	Longitude (X)	Latitude (Y)	AREA (ha)
<b>Sub Total :</b>				<b>10</b>					<b>1.68</b>
64	12	Pond	2A6F2a1c		Bharari	3521,3522,	82°44'59.28"	24°30'57.24"	0.01
65	19	Pond	2A6F2a1c		Bharari	509,3551,3507,346,352	82°44'48.84"	24°30'59.76"	0.55
66	32	Pond	2A6F2a1c		Bharari	3458,3456,3455,3454,	82°45'12.96"	24°30'57.96"	0.61
67	33	Pond	2A6F2a1c		Bharari	79,3516,3517,3518,344	82°45'01.80"	24°30'56.88"	0.38
68	96	Pond	2A6F2a1c		Bharari	2987,2973,	82°43'40.44"	24°30'45.36"	0.14
<b>Sub Total :</b>				<b>5</b>					<b>1.69</b>
<b>Total :</b>				<b>68</b>					<b>18.73</b>

<b>Details of PRA Activities under Jugail-I, IWMP-V District- Sonbhadra</b>	
PRA Team	<b>PIA</b>
<b>S.No.</b>	<b>Activity During PRA</b>
1	Social Map
2	Resource Map
3	Transect Walk
4	Focus Group Discussion (FGDs)
5	Participatory Situation Analysis (PSAs)
6	Participatory Identification of Poor (PIPs)
7	Seasonal Analysis
8	Livelihood Analysis
9	Crop Analysis
10	Live Stock Analysis
11	Problem Identification and Ranking
(Details of PRA are annexed in Project File)	

## SEASONAL ANALYSIS

Seasonal analysis has been done with the help of farmers about rainfall patterns, cultivated crops, employment, income, availability of fuel, fodder, migration, transport and health hazards etc. with respect to seasonal variation in a year which is shown as below :-

Item/Month	January	February	March	April	May	June	July	August	September	October	November	December
Festivals			Holi	Baishaki				Raksha Bandhan		Dussehra	Diwali	Guru Parv
Sowing crops/ harvesting						Maize, Paddy, Arhar				Mustard, Wheat		
			Mustard	Wheat, Arhar					Maize, Paddy			
Disease	Cough & Cold					Gastro Intestinal/Gastro Motions			Fever			
Purchase/ Expenditure												
Rains												
Fodder scarcity												
Fuel/Wood scarcity												
Loaning period (required)												
Marriage period												
Drinking water scarcity												
Irrigation water scarcity												

<b>PROBLEM AND NEED OF AREA UNDER</b>		<b>Jugail-I, IWMP-V</b>	<b>District-</b>	<b>Sonbhadra</b>
<b>S. No.</b>	<b>Problem</b>			<b>Rank</b>
1	Low production of field crops			2
2	Lack of irrigation water			1
3	Lack of Safe drinking water			3
4	Non availability of fuel wood			9
5	Lack of inputs like quality seeds, fertilizers, pesticides etc.			3
6	Medical and health care facilities for milching animals and low productivity			5
7	Lack of fodder availability and low annual productivity			9
8	Lack of medical, educational and transportation facilities			8
9	Degraded Land			4
	Others			

Village Wise Details of Migration from Project area Of				Jugail-I, IWMP-V		District-	Sonbhadra
S. No	Village	No. of Persons Migrating	No. of Days per year of Migration	Major Reasons for Migration	Distance of Destination of Migration Km.	Occupation During Migration	Income/person from Each Occupation (During The migration Period) (In Rs.)
1	Bharari	776	180-210	Non Availability of Employment	60-1600 Km.	Unskilled labour	7000-9000/pm
2	Jogaeal	3147	180-210		60-1600 Km.	Unskilled labour	7000-9000/pm
3	Parshoi	1303	180-210		60-1600 Km.	Unskilled labour	7000-9000/pm
4	Panari	2779	180-210		60-1600 Km.	Unskilled labour	7000-9000/pm
Total		8005	180-210		60-1600 Km.	Unskilled labour	7000-9000/pm

**Note: After intervention of the project it is expected that migration will be reduced by 30%**

	Pre Project migration	Post project migration
No.	8005	5604
Days	180-210	120-150

Infrastructure Facilities				
	Jugail-I, IWMP-V		District-	Sonbhadra
1	2	3	4	5
S.No	Infrastructure type	No./Quantity	Distance (km)	Status (description)
<b>1</b>	<b>Educational Institutions</b>			
	Anganwadi	4	Within the village	Running smoothly
	Asha Centre	4	Within the village	Running smoothly
	Pre Primary School	-	-	
	Primary School	3	Within the village	Running smoothly
	Middle School	3	Within the village	Running smoothly
	Secondary School	-	Within 8-10 km	Running smoothly
	Senior Secondary School	-	Within 18-20 km	Government.
	Govt. College	-	-	-
	Vocational Institutions	-	-	-
<b>2</b>	<b>Service Institutions</b>			
	Bank	1	10-12 km	Nationalized Bank
	Post office	2	Within 8-10 km	Post Office (Rural)
	Primary Health Care Center	-	Within 20-22 km	Functional
	Mobile Health Clinic	-	-	-
	Veterinary Center	-	Within 20-22 km	Trained Staff Available
	Markets/ Village Haat	1/3	15-20 km	Daily/Weekly
<b>3</b>	<b>No. of bore wells</b>	-	-	-
	Functional	-		N.A.
	Defunct	-		N.A.
<b>4</b>	<b>No. of Tube wells</b>	-		
	Functional	-		N.A.
	Defunct	-		N.A.
<b>5</b>	<b>No. Of Well</b>	<b>0</b>		
	Functional			N.A.
	Defunct/Abandon			N.A.
<b>6</b>	Road Connectivity (to main road by an all- weather road) (Yes/No)	Yes	Yes	
<b>7</b>	Bus facility (Yes/No)	Yes	Tempo Service	Bus facility available up to main road
<b>8</b>	No. of Village provided electricity	All Villages	All Villages	Erratic supply of Electricity
<b>9</b>	No. of HHs with access to drinking water	All Villagers	All Villages	8-10 months
<b>10</b>	Access to Agro Industries (Yes/No)	Yes	In few villages	Unorganized



**Details of CPR of the project Area**

District- <b>Sonbhadra</b>						
S. No.	VILLAGE NAME	Type of CPR	Area	Under the possession of	Existing use*	Existing condition**
1	Bharari	Vegetative cover /Ponds/Pasture	0.50	Gram Panchayat	fuel wood, fodder	no management
2	Bharari	Vegetative cover /Ponds/Pasture	0.47	Gram Panchayat	fuel wood, fodder	no management
3	Bharari	Vegetative cover /Ponds/Pasture	0.36	Gram Panchayat	fuel wood, fodder	no management
4	Bharari	Vegetative cover /Ponds/Pasture	0.01	Gram Panchayat	fuel wood, fodder	no management
5	Bharari	Vegetative cover /Ponds/Pasture	0.19	Gram Panchayat	fuel wood, fodder	no management
6	Bharari	Vegetative cover /Ponds/Pasture	0.09	Gram Panchayat	fuel wood, fodder	no management
7	Bharari	Vegetative cover /Ponds/Pasture	0.03	Gram Panchayat	fuel wood, fodder	no management
8	Bharari	Vegetative cover /Ponds/Pasture	0.01	Gram Panchayat	fuel wood, fodder	no management
9	Bharari	Vegetative cover /Ponds/Pasture	0.01	Gram Panchayat	fuel wood, fodder	no management
10	Bharari	Vegetative cover /Ponds/Pasture	0.02	Gram Panchayat	fuel wood, fodder	no management
11	Bharari	Vegetative cover /Ponds/Pasture	0.01	Gram Panchayat	fuel wood, fodder	no management
12	Bharari	Vegetative cover /Ponds/Pasture	0.55	Gram Panchayat	fuel wood, fodder	no management
13	Bharari	Vegetative cover /Ponds/Pasture	0.61	Gram Panchayat	fuel wood, fodder	no management
14	Bharari	Vegetative cover /Ponds/Pasture	0.38	Gram Panchayat	fuel wood, fodder	no management
15	Bharari	Vegetative cover /Ponds/Pasture	0.14	Gram Panchayat	fuel wood, fodder	no management
16	Jogaeal	Vegetative cover /Ponds/Pasture	0.47	Gram Panchayat	fuel wood, fodder	no management
17	Jogaeal	Vegetative cover /Ponds/Pasture	0.59	Gram Panchayat	fuel wood, fodder	no management
18	Jogaeal	Vegetative cover /Ponds/Pasture	0.01	Gram Panchayat	fuel wood, fodder	no management
19	Jogaeal	Vegetative cover /Ponds/Pasture	0.79	Gram Panchayat	fuel wood, fodder	no management
20	Jogaeal	Vegetative cover /Ponds/Pasture	0.36	Gram Panchayat	fuel wood, fodder	no management
21	Jogaeal	Vegetative cover /Ponds/Pasture	0.12	Gram Panchayat	fuel wood, fodder	no management
22	Jogaeal	Vegetative cover /Ponds/Pasture	0.08	Gram Panchayat	fuel wood, fodder	no management
23	Jogaeal	Vegetative cover /Ponds/Pasture	0.09	Gram Panchayat	fuel wood, fodder	no management
24	Jogaeal	Vegetative cover /Ponds/Pasture	0.11	Gram Panchayat	fuel wood, fodder	no management
25	Jogaeal	Vegetative cover /Ponds/Pasture	0.19	Gram Panchayat	fuel wood, fodder	no management
26	Jogaeal	Vegetative cover /Ponds/Pasture	0.22	Gram Panchayat	fuel wood, fodder	no management
27	Jogaeal	Vegetative cover /Ponds/Pasture	0.39	Gram Panchayat	fuel wood, fodder	no management
28	Jogaeal	Vegetative cover /Ponds/Pasture	0.31	Gram Panchayat	fuel wood, fodder	no management
29	Jogaeal	Vegetative cover /Ponds/Pasture	0.24	Gram Panchayat	fuel wood, fodder	no management
30	Jogaeal	Vegetative cover /Ponds/Pasture	0.43	Gram Panchayat	fuel wood, fodder	no management
31	Jogaeal	Vegetative cover /Ponds/Pasture	0.34	Gram Panchayat	fuel wood, fodder	no management
32	Jogaeal	Vegetative cover /Ponds/Pasture	0.20	Gram Panchayat	fuel wood, fodder	no management
33	Jogaeal	Vegetative cover /Ponds/Pasture	0.06	Gram Panchayat	fuel wood, fodder	no management
34	Jogaeal	Vegetative cover /Ponds/Pasture	0.37	Gram Panchayat	fuel wood, fodder	no management

S. No.	VILLAGE NAME	Type of CPR	Area	Under the possession of	Existing use*	Existing condition**
35	Jogaeal	Vegetative cover /Ponds/Pasture	0.17	Gram Panchayat	fuel wood, fodder	no management
36	Jogaeal	Vegetative cover /Ponds/Pasture	0.37	Gram Panchayat	fuel wood, fodder	no management
37	Jogaeal	Vegetative cover /Ponds/Pasture	0.22	Gram Panchayat	fuel wood, fodder	no management
38	Jogaeal	Vegetative cover /Ponds/Pasture	0.91	Gram Panchayat	fuel wood, fodder	no management
39	Jogaeal	Vegetative cover /Ponds/Pasture	0.10	Gram Panchayat	fuel wood, fodder	no management
40	Jogaeal	Vegetative cover /Ponds/Pasture	0.04	Gram Panchayat	fuel wood, fodder	no management
41	Jogaeal	Vegetative cover /Ponds/Pasture	0.65	Gram Panchayat	fuel wood, fodder	no management
42	Jogaeal	Vegetative cover /Ponds/Pasture	0.19	Gram Panchayat	fuel wood, fodder	no management
43	Jogaeal	Vegetative cover /Ponds/Pasture	0.38	Gram Panchayat	fuel wood, fodder	no management
44	Jogaeal	Vegetative cover /Ponds/Pasture	0.31	Gram Panchayat	fuel wood, fodder	no management
45	Jogaeal	Vegetative cover /Ponds/Pasture	0.39	Gram Panchayat	fuel wood, fodder	no management
46	Jogaeal	Vegetative cover /Ponds/Pasture	0.14	Gram Panchayat	fuel wood, fodder	no management
47	Jogaeal	Vegetative cover /Ponds/Pasture	0.20	Gram Panchayat	fuel wood, fodder	no management
48	Jogaeal	Vegetative cover /Ponds/Pasture	0.52	Gram Panchayat	fuel wood, fodder	no management
49	Jogaeal	Vegetative cover /Ponds/Pasture	0.03	Gram Panchayat	fuel wood, fodder	no management
50	Jogaeal	Vegetative cover /Ponds/Pasture	0.07	Gram Panchayat	fuel wood, fodder	no management
51	Jogaeal	Vegetative cover /Ponds/Pasture	0.03	Gram Panchayat	fuel wood, fodder	no management
52	Jogaeal	Vegetative cover /Ponds/Pasture	0.00	Gram Panchayat	fuel wood, fodder	no management
53	Jogaeal	Vegetative cover /Ponds/Pasture	0.49	Gram Panchayat	fuel wood, fodder	no management
54	Jogaeal	Vegetative cover /Ponds/Pasture	0.58	Gram Panchayat	fuel wood, fodder	no management
55	Jogaeal	Vegetative cover /Ponds/Pasture	0.39	Gram Panchayat	fuel wood, fodder	no management
56	Jogaeal	Vegetative cover /Ponds/Pasture	0.13	Gram Panchayat	fuel wood, fodder	no management
57	Jogaeal	Vegetative cover /Ponds/Pasture	0.13	Gram Panchayat	fuel wood, fodder	no management
58	Jogaeal	Vegetative cover /Ponds/Pasture	0.02	Gram Panchayat	fuel wood, fodder	no management
59	Jogaeal	Vegetative cover /Ponds/Pasture	0.02	Gram Panchayat	fuel wood, fodder	no management
60	Jogaeal	Vegetative cover /Ponds/Pasture	0.21	Gram Panchayat	fuel wood, fodder	no management
61	Parshoi	Vegetative cover /Ponds/Pasture	0.46	Gram Panchayat	fuel wood, fodder	no management
62	Parshoi	Vegetative cover /Ponds/Pasture	0.90	Gram Panchayat	fuel wood, fodder	no management
63	Parshoi	Vegetative cover /Ponds/Pasture	0.24	Gram Panchayat	fuel wood, fodder	no management
64	Parshoi	Vegetative cover /Ponds/Pasture	0.07	Gram Panchayat	fuel wood, fodder	no management
65	Parshoi	Vegetative cover /Ponds/Pasture	0.75	Gram Panchayat	fuel wood, fodder	no management
66	Parshoi	Vegetative cover /Ponds/Pasture	0.20	Gram Panchayat	fuel wood, fodder	no management
67	Parshoi	Vegetative cover /Ponds/Pasture	0.40	Gram Panchayat	fuel wood, fodder	no management
68	Parshoi	Vegetative cover /Ponds/Pasture	0.29	Gram Panchayat	fuel wood, fodder	no management
Total :			18.73			

<b>Fuel &amp; Cooking Pattern in the Project Area</b>					
		<b>Jugail-I, IWMP-V</b>		<b>District-</b>	<b>Sonbhadra</b>
<b>S.No.</b>	<b>WC/Gram Panchayat</b>	<b>Cooking gas (% of families)</b>	<b>Fire wood (% of families)</b>	<b>Cow dung cake (% of families)</b>	<b>Kerosene ( % of families)</b>
1	Bharari	2.00%	58.00%	38.00%	2.00%
2	Jogaeal	3.00%	59.00%	35.00%	3.00%
3	Parshoi	4.00%	57.00%	34.00%	5.00%

<b>Village Wise Details of Plantation, Afforestation, Horticulture and Fuel &amp; Fodder under Project</b>				
<b>Jugail-I, IWMP-V</b>		<b>District-</b>	<b>Sonbhadra</b>	
<b>Village</b>	<b>Plantation</b>	<b>Afforestation</b>	<b>Horticulture</b>	<b>Fuel &amp; Fodder</b>
Bharari	14.588	8.17	2.08	4.34
Jogaeal	31.423	17.44	5.37	8.61
Parshoi	0.000	0.00	0.00	0.00
Panari	4.890	2.74	0.57	1.57
<b>Total</b>	<b>50.90</b>	<b>28.35</b>	<b>8.03</b>	<b>14.52</b>

<b>Details of existing Farm Machinery/Ag. Equipment under the Project Area</b>										
		<b>Jugail-I, IWMP-V</b>			<b>District- Sonbhadra</b>					
<b>S. No.</b>	<b>Name of GP</b>	<b>Number of farm machinery/Ag. equipments</b>								
		<b>Tractor</b>	<b>PUMP Set</b>	<b>Plough</b>	<b>Harrow</b>	<b>Cultivator</b>	<b>Sprayer</b>	<b>Rotavator</b>	<b>Chaff Cutter</b>	<b>Thresher</b>
1	Bharari	4	8	2	2	4	1	4	17	3
2	Jogaeal	4	9	2	2	4	1	4	19	4
3	Parshoi	4	8	2	2	4	1	4	16	2
<b>Total</b>		<b>12</b>	<b>25</b>	<b>6</b>	<b>6</b>	<b>12</b>	<b>3</b>	<b>12</b>	<b>52</b>	<b>9</b>

Village Wise Human Population of the Project Area of																										Jugail-I, IWMP-V									District-									Sonbhadra					
S. No	Village	Gram Panchayat	Block	Total HH	Total Poulation			0-6 Population			SC Population			ST Population			Total Literate			Total Illiterate			BPL HH		Assetless HH																								
					T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F					T	M	F	%	%																		
1	Bharari	Bharari	Akhandnagar	970	5797	3025	2772	1090	560	530	2559	1333	1226	1666	866	800	2620	1622	998	3177	1403	1774	659	67.96	221	22.78																							
2	Jogaeal	Jogaeal	Akhandnagar	3934	21736	11351	10385	4479	2310	2169	2914	1529	1385	14680	7679	7001	5886	4142	1744	15850	7209	8641	3038	77.23	995	25.29																							
3	Parshoi	Parshoi	Akhandnagar	1629	9071	4715	4356	1923	988	935	618	311	307	7740	4038	3702	2132	1483	649	6939	3232	3707	1428	87.67	468	28.72																							
4	Panari	Panari	Akhandnagar	3474	20298	10563	9735	4477	2291	2186	1219	661	558	14859	7677	7182	5562	3864	1698	14736	6699	8037	2627	75.61	860	24.75																							
				10007	56902	29654	27248	11969	6149	5820	7310	3834	3476	38945	20260	18685	16200	11111	5089	40702	18543	22159	7752	77.47	2544	25.42																							

Village Wise Farmer's Category of the Project Area of				Jugail-I, IWMP-V District- Sonbhadra							
S. No.	NAME Village	Name of Gram Panchayat	Total No. of HH	Details of Farmers HH				Assetless		BPL	
				Marginal Farmers	Small Farmers	Large Farmers	Total Farmers	No. of HH	%	No. of HH	%
1	Bharari	Bharari	970	597	113	39	749	221	22.78	659	67.96
2	Jogaeal	Jogaeal	3934	2381	463	96	2939	995	25.29	3038	77.23
3	Parshoi	Parshoi	1629	937	190	34	1161	468	28.73	1428	87.67
4	Panari	Panari	3474	2096	404	114	2614	860	24.76	2627	75.61
<b>Total</b>			<b>10007</b>	<b>6011</b>	<b>1170</b>	<b>282</b>	<b>7463</b>	<b>2544</b>	25.42	<b>7752</b>	77.47

Village-wise Livelihood Status of Assetless People in the Project Area of								Jugail-I, IWMP-V	District-	Sonbhadra				
S. No.	Name of Village	Name of GP	Number of Assetless	Name of Livelihood Activities	No. of Household Engaged				Pre Project Average Income/Year	Desired Activities	Expected Income from Desired Activities Rs./Year	Total Income Pre Project in Rs.	Total Income Post Project in Rs.	Remarks
					SC	Others	Total	Women						
1	Bharari	Bharari	221	Agriculture/Casual Labour, Cattle Rearing, Goat Farming, Poultry	76	145	221	137	17500	Agriculture/Casual Labour, Cattle Rearing, Goat Farming, Poultry, Candle, Vermi Compost, Mini Village Shops, Sewing Machine, Food Preservation	24500	3867500	5414500	
2	Jogaeal	Jogaeal	995		345	650	995	616	17000		23800	16915000	23681000	
3	Parshoi	Parshoi	468		162	306	468	290	17000		23800	7956000	11138400	
4	Panari	Panari	860		298	562	860	533	17000		23800	14620000	20468000	
<b>Total</b>			<b>2544</b>		<b>881</b>	<b>1663</b>	<b>2544</b>	<b>1576</b>			<b>43358500</b>	<b>60701900</b>		
<b>Pre Project Average Income/HH/Annum</b>			<b>17000</b>											
<b>Post Project Average Income</b>			<b>23900</b>											
				Net Increase in Income	17343400									



Village-wise Livelihood Status of Farmers People in the Project Area of								Jugail-I, IWMP-V	District-	Sonbhadra				
S. No.	Name of Village	Name of GP	Number of Farmers	Name of Livelihood Activities	No. of Household Engaged				Pre Project Average Income/Year	Desired Activities	Expected Av. Income from Desired Activities Rs./Year	Total Income Pre Project	Total Income Post Project	Remarks
					SC/ST	Others	Total	Women						
1	Bharari	Bharari	749	Agriculture, Labour, Cattle Rearing, Goatary	546	203	749	49	22000	Agriculture, Labour, Cattle Rearing, Goatary, Poltry, Horticulture, Micro-enterprises	30300	16478000	22694700	
2	Jogaeal	Jogaeal	2939		2379	560	2939	192	24000		33100	70536000	97280900	
3	Parshoi	Parshoi	1161		1070	91	1161	76	22500		31000	26122500	35991000	
4	Panari	Panari	2614		2071	543	2614	171	21000		28900	54894000	75544600	
<b>Total</b>			<b>7463</b>		<b>6066</b>	<b>1397</b>	<b>7463</b>	<b>488</b>	24000		<b>168030500</b>	<b>231511200</b>		
<b>Pre Project Average Income/HH/Annum</b>			<b>22500</b>											
<b>Post Project Average Income</b>			<b>31000</b>	Net Increase in Income 63480700										

Details of Livelihood Pattern of the project Area of				Jugail-I, IWMP-V		District-	Sonbhadra		
Sr. No.	Name of village	Total Workforce Available	Agriculture	Animal Husbandary	Agriculture & Animal Husbandary	Non Farm Wages	Self Emplotted /Business	Service	Others
1	Bharari	2857	1002	339	628	514	170	25	179
2	Jogaeal	11039	3878	1331	2437	1994	663	110	626
3	Parshoi	4210	1465	488	930	744	233	23	326
4	Panari	7749	2720	914	1714	1394	457	69	480
Total		25855	9065	3072	5709	4646	1523	227	1611

Details Of Projected Productivity of Livestock Population in Pre Project Period of											Jugail-I, IWMP-V		District-		Sonbhadra		Other			
S. No.	Name of Village	Name of Gram Panchayat	Cow				Buffalo				Ox/ Bull	Goat		Pig		Poultry				
			Desi		Crossed		Desi		Murrah			Nos.	Kg.	Nos.	Kg.	Broiler		Layers		
			Nos.	Ltr.	Nos.	Ltr.	Nos.	Ltr.	Nos.	Ltr.						Nos.		Kg.	Nos.	Kg.
1	Bharari	Bharari	296	1.2	0	0	218	2.5	0	0	34	264	8-10	797	12-15	98	1-1.5	28	120	
2	Jogaeal	Jogaeal	1200	1.2	0	0	883	2.5	0	0	138	1062	8-10	3318	12-15	399	1-1.5	120	120	
3	Parshoi	Parshoi	497	1.2	0	0	366	2.5	0	0	58	438	8-10	1576	12-15	161	1-1.5	48	120	
4	Panari	Panari	1060	1.2	0	0	780	2.5	0	0	122	936	8-10	3032	12-15	350	1-1.5	104	120	
<b>Total</b>			<b>3053</b>	<b>1.2</b>	<b>0</b>	<b>0</b>	<b>2247</b>	<b>2.25</b>	<b>0</b>	<b>0</b>	<b>352</b>	<b>2700</b>	<b>9</b>	<b>8723</b>	<b>13.5</b>	<b>1008</b>	<b>1.25</b>	<b>300</b>	<b>120</b>	

Details Of Projected Productivity of Livestock Population in Post Project Period of											Jugail-I, IWMP-V		District-		Sonbhadra		Other			
S. No.	Name of Village	Name of Gram Panchayat	Cow				Buffalo				Ox/ Bull	Goat		Pig		Poultry				
			Desi		Crossed		Desi		Murrah			Nos.	Kg.	Nos.	Kg.	Broiler		Layers		
			Nos.	Ltr.	Nos.	Ltr.	Nos.	Ltr.	Nos.	Ltr.						Nos.		Kg.	Nos.	Kg.
1	Bharari	Bharari	450	1.5	0	0	338	3	0	0	50	928	12-14	2391	15-18	261	1-1.5	90	180	
2	Jogaeal	Jogaeal	1824	1.5	0	0	1369	3	0	0	200	3776	12-14	9954	15-18	1062	1-1.5	354	180	
3	Parshoi	Parshoi	755	1.5	0	0	567	3	0	0	84	1560	12-14	4728	15-18	441	1-1.5	144	180	
4	Panari	Panari	1611	1.5	0	0	1209	3	0	0	178	3336	12-14	9096	15-18	936	1-1.5	312	180	
<b>Total</b>			<b>4640</b>	<b>1.5</b>	<b>0</b>	<b>0</b>	<b>3483</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>512</b>	<b>9600</b>	<b>13.00</b>	<b>26169</b>	<b>16.5</b>	<b>2700</b>	<b>1.25</b>	<b>900</b>	<b>180</b>	

Pre and Post Income Status from Livestock under The Project Area of				Jugail-I, IWMP-V		District-	Sonbhadra	
Milk in ltr. - Meat in kg. - Eggs in No. - Amount in Rs.								
Type of Animal	Pre Project Status				Post Project Status			
	Nos.	Yield	Rate	Income in Rs.	Nos.	Yield	Rate	Income in Rs.
Milch Animals								
Cow	3053	3664	22	80608	4640	6960	27	187920
Buffalo	2247	5056	22	111232	3483	10449	27	282123
Animal for Other Purpose								
Goat (Meat)	2700	24300	220	5346000	9600	124800	240	29952000
Pig (Meat)	8723	117760.5	55	6476827.5	26169	431788.5	60	25907310
Broiler (Meat)	1008	1260	70	88200	2700	3375	85	286875
Eggs	300	36000	3	108000	900	162000	4	648000
<b>TOTAL Income:</b>				<b>12210867.5</b>				<b>57264228</b>
		Pre Project		Post Project		Total Human Population		102438
Total Meat Production/Year		143320.5		559963.5		Assuming 10% increase		10243
Total Milk Production/day		8720		17409		Population in Post project		112681
Milk Production/head/day		0.085		0.154				
Average Production Cost 70%		31537352						
Net Profit 30%		13516008		Net Increase in Income		<b>45053360.5</b>		

Livestock population and Requirement of fodder in Project Area of					Jugail-I, IWMP-V	District-	Sonbhadra					
Sr. No.	Category of Livestock	Existing Nos	Average Body Weight in kg	Total Body Wt in kg	Based on Body Weight	Feed requirement per day (dry matters in kg.)(6 x 6.875)						
					DM =5*2.5/100 in kg/day	Roughae in kg/day	Straw Dry M B in kg/day	Bhusa in kg/day	GF DM Based in kg/day	Green Fodder in kg/day	Concestrate in kg/day	Total Fodder Requirement in Tonnes (9+11)*365/1000
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Draft Animal	352	300	105600	2640.00	1760.00	1173.00	1303.00	587.00	2348.00	880.00	1333.00
2	Buffaloes	2247	400	898800	22470.00	14980.00	9987.00	11097.00	4993.00	19972.00	7490.00	11340.00
3	Indigenous Cow	3053	300	915900	22898.00	15265.00	10177.00	11308.00	5088.00	20352.00	7633.00	11556.00
4	Cross Breed Cows	0	350	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Goat	2700	10	27000	675.00	450.00	300.00	333.00	150.00	600.00	225.00	341.00
Total :								24041.00		43272.00	16228.00	24570.00
Feed and Fodder requirement has been calculated on average body wt. of animals. Dry matter basis												

Status of Fodder Requirement, Availability and Deficit in the Project				Jugail-I, IWMP-V			District-			Sonbhadra
Total Fodder requirement Tons/Year	Fodder Availability (Tons / Year)			Fodder Requirement (Tons / Year)			Deficit (Tons / Year)			Total Deficit (Tons / Year)
	Bbusa	Green Fodder	Concn	Bbusa	Green Fodder	Concn	Bbusa	Green Fodder	Concn	
1	2	3	4	5	6	7	8	9	10	11
24570.00	5467.00	7186.00	3347.00	8775.00	15794.00	5923.00	3308.00	8608.00	2576.00	14492.00
in % --->	62.30	45.50	56.51				37.70	54.50	43.49	

Income Projection for Assetless, Farmers and Livestock under the project for 7 years.								Amt in Rs.
S.No.	Year	% Increase	Assetless		Farmers		Livestock	Total Increase
			<b>17343400</b>		<b>63480700</b>		<b>45053361</b>	<b>125877461</b>
1	1	0	0		0		0	0
2	2	0	0		0		0	0
3	3	12	2081208		7617684		5406403	15105295
4	4	16	2774944		10156912		7208538	20140394
5	5	20	3468680		12696140		9010672	25175492
6	6	24	4162416		15235368		10812807	30210591
7	7	28	4856152		17774596		12614941	35245689
	<b>Total</b>	<b>100</b>	<b>17343400</b>		<b>63480700</b>		<b>45053361</b>	<b>125877461</b>

<b>Problem Thrust Area of Livestock Production in the Project Area c</b>		<b>Jugail-I, IWMP-V</b>	<b>District-</b>	<b>Sonbhadra</b>
<b>S.No.</b>	<b>Problem Thrust Area</b>	<b>Proposed Intervention</b>		
1	Local and indigenous breeds.	Breed improvement through Artificial Insemination (AI) and Natural Process (Buck/Bull).		
2	Lack of improved breed in animals.	Improvement/Replacement of existing breed of animals.		
3	Low Productivity of animals	Improvement of animal health through vaccination & deworming		
4	Poor Facilities of Animal Health and Care (vaccination, de-worming and feeding)	Awareness about animal vaccination, Mineral mixture and green fodder.		
5	Problems of infertility and balanced nutrition in dairy cattle and buffaloes.	Promote practice of balance ration for cattle and buffaloes		
6	No use of supplementary feeds	Introduction of improved breed of goats & control of internal parasite(Buck)		
7	Improper feeding practices	Promoting dairy, goatary and poultry as main enterprise for the resource rich farmers		
8	Low production of Milk & Meat	Formation and conduction of self help groups for socio-economic up-liftment.		
9	Inadequate availability of Dry/GreenFodder	Distribution of Fodder Seed Kits		
		Provide Chaff Cutter		

<b>S.No.</b>	<b>Details of PIA</b>	
(1)	<b>Date of PIA selection</b>	16.03.2010
(2)	<b>Nature of PIA</b>	U.P. Government
(3)	<b>Name of PIA</b>	Department of Irrigation and Water Resources, Govt. of Uttar Pradesh
(4)	<b>Designation and Address</b>	BSA, Sinchai Evam Jal Sansadhan Vibhag, District-Sonbhadra
(5)	<b>Telephone No.</b>	0515-2830909
(6)	<b>Fax No.</b>	-
(7)	<b>e-mail</b>	<a href="mailto:bsaldwrag-up@nic.in">bsaldwrag-up@nic.in</a>



Details of PIA's Staff, District- Sonbhadra						
Sr. No.	Name	Qualification	Experience (Yrs.)	Designation	Contact NO. & e-mail	Date of Joining
1	Mr. Arunesh Kumar Pandey	Diploma Civil Engg.	36 Years	Bhumi Sanrakchan Adhikari	9415392291	24-07-1980
2	Mr. Nirmal Kumar Verma	Diploma Ag. Engg.	36 Years	Junior Engineer	9794120083	14-11-1980
3	Mr. Surendra Nath Ram	Diploma Civil Engg.	36 Years	Junior Engineer	9839519177	22-07-1980
4	Mr. Panch Dev Singh	Intermediate Ag.	38 Years	ASCI	9455551616	08-03-1978
5	Mr. Laximan Prasad Chaudhary	B.Sc. Ag.	35 Years	ASCI	9918801915	25-02-1981
6	Mr. Ashok Kumar Shukla	M.Com.	28 Years	Seench Paryavechak	9125304275	16-07-1988
7	Mr. Udit Narain Ojha	Intermediate	28 Years	Seenchpal	9451797584	14-07-1988
8	Mr. Ramashre Yadav	Intermediate	39 Years	Seenchpal	9198700435	12-10-1984
9	Mr. Nand Kishore Pathak	Intermediate	36 Years	Seenchpal	9918182661	14-04-1979
10	Mr. Anjani Kumar	M.A.	08 Years	Munshi	9450891334	12-09-2008
11	Mr. Jagdish Ram	B.A.	33 Years	Tracer	9839126309	17-01-1983
12	Mr. Manoj Kumar	B.Com., DCA, CCC, CTTC	05 Years	Data Entry Operator	8546019355	18-06-2016
13	Mr. P. K.. Singh	B.A.	36 Years	S.C.	9915684402	01-07-1980
14	Mr.. Giriza Shankar Ojha	Intermediate	35 Years	J.C.	9452162529	22-05-1981
15	Mr. Sunil Kuamr Vishwakarma	B,Sc.	14 Years	S.C.	8381835423	03-06-2001
16	Mr. Parbhu Nath Singh	High School	35 Years	Class IVth	7800346928	28-06-1980
17	Mr. Lal Komal Ram	Intermediate	35 Years	Class IVth	8953786550	20-06-1980

<b>Details of WCDC's Staff, District-Sonbhadra</b>					
<b>Sr. No.</b>	<b>Name</b>	<b>Qualification</b>	<b>Experience (Yrs.)</b>	<b>Designation</b>	<b>Contact NO. &amp; e-mail</b>
1	Mr. Tej Pratap Singh	T.E. - WCDC	M.Sc. (Agronomy)	14-12-2015	9120694994
2	Mr. Manoj Kumar	Data Entry Operator	B.Com., CCC, DCA, CTTC	18-06-2016	8546019355

<b>Details of WDT Attached with PIA, District-Sonbhadra</b>					
<b>Sr. No.</b>	<b>Name</b>	<b>Qualification</b>	<b>Experience</b>	<b>Designation</b>	<b>Contact NO. &amp; e-mail</b>
1	Mr. Sanjay Yadav	WDT	B.Sc. Ag..	14-12-2015	9935003582
2	Mr. Mukesh Singh	WDT	B.Com., Diploma (Social)	01-02-2016	8115851094
3	Mr. Dileep Kumar Singh	WDT	B.A. (Social)	06-02-2016	8934858897
4	Mr. Jai Pal Yadav	WDT	B.A. (Social)	01-02-2016	9721443467
5	Mr. Amit Raj Singh	WDT	B.Sc. Ag..	28-06-2016	9918685654
6	Mr.Piyush Kumar Singh	WDT	B.Sc. Ag..	17-05-2016	7084151464

Details of Watershed Committee formed at Gram Panchayat Level under Jugail-I, IWMP-V District- Sonbhadra																										
S. No.	Name of Watershed Committee	Name of Chairman	Name of Secretary	Category wise Details of Members (in numbers)																	Composition of WC					
				Category Wise						Caste wise				Qualification Wise												
				Assetlee	Marginal	Small	Large	WDT	Total	SC	OBC	Gen.	Total	Primary	Jr. HS	HS	Inter	Graduate	PG	Literate	Illiterate	Total	Women	GP member	SHG Member	UG Member
1	Bharari	Mr. Ram Awatar	Mr.. Lalit Narain	1	6	2	1	1	11	8	3	0	11	1	0	4	0	0	0	2	3	10	2	1	3	8
2	Jogaeal	Mr. Prabhu Nath	Mr. Rameshwar	1	2	5	2	2	12	3	8	0	11	2	0	4	1	0	0	1	2	10	2	2	2	8
3	Parshoi	Smt. Sudhari Devi	Mr. Ram Sakal	1	5	3	1	1	11	7	2	2	11	2	0	2	0	0	0	4	2	10	3	1	2	8
<b>TOTAL :</b>				<b>3</b>	<b>13</b>	<b>10</b>	<b>4</b>	<b>4</b>	<b>34</b>	<b>18</b>	<b>13</b>	<b>2</b>	<b>33</b>	<b>5</b>	<b>0</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>7</b>	<b>30</b>	<b>7</b>	<b>4</b>	<b>7</b>	<b>24</b>

List of WC Member are given in Project File

WC wise Details of Self Help Groups (SHGs) and User's Groups (UGs) Proposed to be Formed in the project								
		Jugail-I, IWMP-V				District- Sonbhadra		
S. No.	Name of WC	Total No. of SHGs				Number of SHGs Members	Total No. of UGs	Number of UGs Members
		With only Men	With only Women	With Both	Total			
1	Bharari	4	13	5	22	110	16	80
2	Jogaeal	18	54	18	90	450	83	415
3	Parshoi	5	15	5	25	125	17	85
<b>TOTAL :</b>		<b>27</b>	<b>82</b>	<b>28</b>	<b>137</b>	<b>685</b>	<b>116</b>	<b>580</b>

\* 05 No. of Farmer's Producer Organisation (FPO) will be promoted/Formed by SLNA on Cluster/Project Basis under the component of I & CB fund.

**YEARWISE FINANCIAL BREAK-UP (in %) OF VARIOUS COMPONENT At VARIOUS LEVEL UNDER IWMP SCHEME**

% of Sanctioned Amount in Lakhs : 100

Installment	Year	Agency	Administration	Monitoring	Evaluation	EPA	I & CB	DPR	Livelihood	Production Sys. & Micro-enterprises	Watershed Development Works	Consolidation	TOTAL	
Ist Installment 20%	Ist Year 6%	SLNA					0.150						0.150	
		WCDC					0.150						0.150	
		PIA	0.250				4.000	0.200	1.000					5.450
		WC	0.250											0.250
		<b>TOTAL</b>	<b>0.500</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>4.000</b>	<b>0.500</b>	<b>1.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>6.000</b>
	IInd Year 14%	SLNA			0.050	0.300		0.050						0.400
		WCDC			0.100			0.350						0.450
		PIA	0.750		0.050			2.100						4.900
		WC	0.750							1.000	1.000	7.500		8.250
		<b>TOTAL</b>	<b>1.500</b>	<b>0.200</b>	<b>0.300</b>	<b>0.000</b>	<b>2.500</b>	<b>0.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>7.500</b>	<b>0.000</b>	<b>14.000</b>
IInd Installment 50%	III Year (25%)	SLNA		0.040	0.175		0.050						0.270	
		WCDC		0.100			0.125						0.230	
		PIA	1.350	0.060			0.575						6.990	
		WC	1.350							2.500	2.500	16.175		17.530
		<b>TOTAL</b>	<b>2.700</b>	<b>0.200</b>	<b>0.175</b>	<b>0.000</b>	<b>0.750</b>	<b>0.000</b>	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>	<b>16.175</b>	<b>0.000</b>	<b>25.020</b>
	IV Year (25%)	SLNA		0.040	0.175		0.050							0.270
		WCDC		0.100			0.125							0.230
		PIA	1.350	0.060			0.575							6.990
		WC	1.350							2.500	2.500	16.175		17.530
		<b>TOTAL</b>	<b>2.700</b>	<b>0.200</b>	<b>0.175</b>	<b>0.000</b>	<b>0.750</b>	<b>0.000</b>	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>	<b>16.175</b>	<b>0.000</b>	<b>25.020</b>
IIIrd Installment 30%	V Year (30%)	SLNA		0.080	0.350							0.100	0.530	
		WCDC		0.200			0.150					0.100	0.450	
		PIA	1.300	0.120			0.350					0.200	8.970	
		WC	1.300							3.000	4.000	16.150	2.600	20.050
		<b>TOTAL</b>	<b>2.600</b>	<b>0.400</b>	<b>0.350</b>	<b>0.000</b>	<b>0.500</b>	<b>0.000</b>	<b>3.000</b>	<b>4.000</b>	<b>16.150</b>	<b>3.000</b>	<b>3.000</b>	<b>30.000</b>
<b>TOTAL (100%)</b>	SLNA	0	0.210	1.000	0	0.300	0	0	0	0	0	0.100	1.620	
	WCDC	0	0.500	0	0	0.900	0	0	0	0	0	0.100	1.510	
	PIA	5.000	0.290	0	4.000	3.800	1.000	0	0	0	0	0.200	33.300	
	WC	5.000	0	0	0	0	0	9.000	10.000	56.000	2.600		63.610	
	<b>TOTAL</b>	<b>10.000</b>	<b>1.000</b>	<b>1.000</b>	<b>4.000</b>	<b>5.000</b>	<b>1.000</b>	<b>9.000</b>	<b>10.000</b>	<b>56.000</b>	<b>3.000</b>	<b>3.000</b>	<b>100.000</b>	

आई0डब्ल्यू0एम0पी0 योजनान्तर्गत वार्षिक आधार विभिन्न घटकों में संस्थागत स्तर पर देय धनराशि का विवरण लाख में

YEARWISE FINANCIAL BREAK-UP (in Lakhs) OF VARIOUS COMPONENT At VARIOUS LEVEL UNDER IWMP SCHEME													Jugail-I, IWMP-V	District-	Sonbhadra
परियोजना	Jugail-I, IWMP-V	District-	Sonbhadra	नियोजित क्षेत्र हेतु में					Sanctioned Amount Rs. In Lakhs					582.00	
योजना के चरण	वर्ष	संस्था	प्रशासनिक 10%	निगरानी (मानिट्रिंग) 1%	मूल्यांकन 1%	ई0पी0ए0 4%	आई0 ऐण्ड सी0बी0 5%	डी0पी0आर0 1%	आजीविका प्रबन्धन 9%	उत्पादन प्रणाली तथा अति सूक्ष्म उद्यम 10%	कार्य मद 56%	कन्सोलिडेशन 3%	योग 100%		
प्रारम्भिक चरण 20% (Preparatory Phase 20%)	Ist Year प्रथम वर्ष 6%	SLNA					0.873						0.873		
		WCDC					0.873						0.873		
		PIA	1.455			23.280	1.164	5.820					31.719		
		WC	1.455										1.455		
		TOTAL	2.910	0	0	23.280	2.910	5.820	0	0	0	0	34.920		
	IIInd Year द्वितीय वर्ष 14%	SLNA			0.291	1.746		0.291						2.328	
		WCDC			0.582			2.037						2.619	
		PIA	4.365		0.291			12.222						16.878	
		WC	4.365						5.820	5.820	43.650			59.655	
		TOTAL	8.730	1.164	1.746	0.000	14.550	0	5.820	5.820	43.650	0	0	81.480	
वाटरशेड कार्य चरण 50% (Work Phase 50%)	IIIrd Year तृतीय वर्ष 25%	SLNA			0.233	1.019		0.291					1.542		
		WCDC			0.582			0.728					1.310		
		PIA	7.857		0.349			3.347						11.553	
		WC	7.857							14.550	14.550	94.139		131.096	
		TOTAL	15.714	1.164	1.019	0.000	4.365	0	14.550	14.550	94.139	0	0	145.500	
	IVth Year चतुर्थ वर्ष 25%	SLNA			0.233	1.019		0.291						1.542	
		WCDC			0.582			0.728						1.310	
		PIA	7.857		0.349			3.347						11.553	
		WC	7.857							14.550	14.550	94.139		131.096	
		TOTAL	15.714	1.164	1.019	0.000	4.365	0	14.550	14.550	94.139	0	0	145.500	
समेकन चरण 30% (Consolidation Phase 30%)	Vth Year पंचम वर्ष 30%	SLNA			0.466	2.037						0.582	3.085		
		WCDC			1.164			0.873				0.582	2.619		
		PIA	7.566		0.698			2.037				1.164	11.465		
		WC	7.566							17.460	23.280	93.993	15.132	157.431	
		TOTAL	15.132	2.328	2.037	0.000	2.910	0.000	17.460	23.280	93.993	17.460	174.600		
योग (100%)		SLNA	0		1.222	5.820	0	1.746	0	0	0	0.582	9.370		
		WCDC	0		2.910	0	0	5.238	0	0	0	0.582	8.730		
		PIA	29.100		1.688	0	23.280	22.116	5.820	0	0	1.164	83.168		
		WC	29.100		0	0	0	0	0	52.380	58.200	325.920	15.132	480.732	
		TOTAL	58.200	5.820	5.820	23.280	29.100	5.820	52.380	58.200	325.920	17.460	582.000		

Availability of Fund At Micro Watershed Level Under The Project of- Planned Area in ha :					Jugail-I, IWMP-V 4850.00						District- Sonbhadra (Area in ha, Amount in Lakhs)				
Sr. No.	MWS Code	Name of MWS	Geographical Area	Planned Area	EPA 4%	DPR 1%	I&CB 5%	Monitoring @1%	Evaluation 1%	Administration 10%	LA @ 9%	PSME @10%	WDW @56%	Consolidation @3%	Total @ 100%
1	2A6D1b1b	Jogaeal-I	842	606	2.909	0.727	3.636	0.7272	0.7272	7.272	6.5448	7.272	40.7232	2.1816	72.72
2	2A6D1b1c	Jogaeal-II	617.15	444	2.131	0.533	2.664	0.5328	0.5328	5.328	4.7952	5.328	29.8368	1.5984	53.28
3	2A6D1b2c	Jogaeal-III	484.42	349	1.675	0.419	2.094	0.4188	0.4188	4.188	3.7692	4.188	23.4528	1.2564	41.88
4	2A6D1d1d	Jogaeal-IV	615.32	462	2.218	0.554	2.772	0.5544	0.5544	5.544	4.9896	5.544	31.0464	1.6632	55.44
5	2A6D1d1e	Jogaeal-V	652.93	470	2.256	0.564	2.82	0.564	0.564	5.64	5.076	5.64	31.584	1.692	56.40
6	2A6D1d2c	Jogaeal-VI	648.75	467	2.242	0.56	2.802	0.5604	0.5604	5.604	5.0436	5.604	31.3824	1.6812	56.04
7	2A6D1e2b	Jogaeal-VII	433.55	312	1.498	0.374	1.872	0.3744	0.3744	3.744	3.3696	3.744	20.9664	1.1232	37.44
8	2A6D1e2c	Jogaeal-VIII	715.85	515	2.472	0.618	3.09	0.618	0.618	6.18	5.562	6.18	34.608	1.854	61.80
9	2A6F2a1a	Jogaeal-IX	663.39	465	2.232	0.558	2.79	0.558	0.558	5.58	5.022	5.58	31.248	1.674	55.80
10	2A6F2a1b	Bharari-I	646.52	465	2.232	0.558	2.79	0.558	0.558	5.58	5.022	5.58	31.248	1.674	55.80
11	2A6F2a1c	Bharari-II	410.43	295	1.416	0.354	1.77	0.354	0.354	3.54	3.186	3.54	19.824	1.062	35.40
<b>TOTAL :</b>			<b>6730.31</b>	<b>4850</b>	<b>23.28</b>	<b>5.82</b>	<b>29.10</b>	<b>5.82</b>	<b>5.82</b>	<b>58.20</b>	<b>52.38</b>	<b>58.20</b>	<b>325.92</b>	<b>17.46</b>	<b>582.00</b>

YEARWISE FINANCIAL BREAKUP (in%) OF VARIOUS COMPONENT UNDER								Jugail-I, IWMP-V		District-	Sonbhadra		
S. No.	Installment	Year	Administrative 10%	EPA 4%	Institution and CB 5%	DPR 1%	Watershed development work 50%	Livelihood for assetless 9%	Production system and Microenterprises 10%	Monitoring 1%	Evaluation 1%	Consolidation 3%	Total 100%
1	Ist Phase	Ist Year	0.5	4	0.5	1	0	0	0	0	0	0	6
		IInd Year	1.5	0	2.5	0	7.5	1	1	0.2	0.3	0	14
2	II nd Phase	IIIrd Year	2.7	0	0.75	0	16.175	2.5	2.5	0.2	0.175	0	25
		IVth Year	2.7	0	0.75	0	16.175	2.5	2.5	0.2	0.175	0	25
3	III rd Phase	Vth Year	2.6	0	0.5	0	16.15	3	4	0.4	0.35	3	30
	<b>TOTAL :</b>		<b>10</b>	<b>4</b>	<b>5</b>	<b>1</b>	<b>56</b>	<b>9</b>	<b>10</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>100</b>



YEARWISE FINANCIAL BREAKUP OF VARIOUS COMPONENT UNDER								Jugail-I, IWMP-V		District-	Sonbhadra		
						Area in ha		4850.00		Amount in Lakhs			582.00
S. No.	Installment	Year	Administrative 10%	EPA 4%	Institution and CB 5%	DPR 1%	Watershed development work 50%	Livelihood for assetless 9%	Production system and Microenterprises 10%	Monitoring 1%	Evaluation 1%	Consolidation 3%	Total 100%
1	Ist Phase	Ist Year	2.9100	23.2800	2.9100	5.8200	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	34.92
		IIInd Year	8.7300	0.0000	14.5500	0.0000	43.6500	5.8200	5.8200	1.1640	1.7460	0.0000	81.48
2	II nd Phase	IIIrd Year	15.7140	0.0000	4.3650	0.0000	94.1385	14.5500	14.5500	1.1640	1.0185	0.0000	145.50
		IVth Year	15.7140	0.0000	4.3650	0.0000	94.1385	14.5500	14.5500	1.1640	1.0185	0.0000	145.50
3	III rd Phase	Vth Year	15.1320	0.0000	2.9100	0.0000	93.9930	17.4600	23.2800	2.3280	2.0370	17.4600	174.60
	<b>TOTAL :</b>		<b>58.20</b>	<b>23.28</b>	<b>29.10</b>	<b>5.82</b>	<b>325.92</b>	<b>52.38</b>	<b>58.20</b>	<b>5.82</b>	<b>5.82</b>	<b>17.46</b>	<b>582.00</b>

<b>% of Budget for Various Components Under</b>			<b>Jugail-I, IWMP-V</b>		<b>District-</b>	<b>Sonbhadra</b>
			<b>Area in ha :</b>	<b>4850.00</b>	<b>Amount in Lacs :</b>	<b>582.00</b>
<b>S. No.</b>	<b>Budget Component</b>	<b>%</b>	<b>Total Amount (in Rs.)</b>		<b>Total Amount (In Lakhs)</b>	
<b>A.</b>	<b>Management Cost</b>					
	1. Administrative	10	5820000.00		58.20	
	2. Monitoring	1	582000.00		5.82	
	3. Evaluation	1	582000.00		5.82	
	<b>SUB TOTAL :</b>	<b>12</b>	<b>6984000.00</b>		<b>69.84</b>	
<b>B.</b>	<b>Preparatory Phase</b>					
	1. Entry Point Activities	4	2328000.00		23.28	
	2. Institution & Capacity Building	5	2910000.00		29.10	
	3. Detailed Project Report (DPR)	1	582000.00		5.82	
	<b>SUB TOTAL :</b>	<b>10</b>	<b>5820000.00</b>		<b>58.20</b>	
<b>C.</b>	<b>Watershed Work Phase</b>					
	1. Livelihood Activities for the Asset less Person	9	5238000.00		52.38	
	2. Production System and Micro-enterprises	10	5820000.00		58.20	
	3. Watershed Development Works	56	32592000.00		325.92	
	<b>SUB TOTAL :</b>	<b>75</b>	<b>43650000.00</b>		<b>436.50</b>	
<b>D.</b>	<b>Consolidation Phase</b>	<b>3</b>	<b>1746000.00</b>		<b>17.46</b>	
	<b>Grand Total :</b>	<b>100</b>	<b>58200000.00</b>		<b>582.00</b>	

Availability of Fund At Watershed Committee Level Formed At WC Level Under The Project of							
Jugail-I, IWMP-V		District-	Sonbhadra	Treatable Area :	4850.00	ha (Area in ha, Amount in Lakhs)	
S. No.	Name of WC	Traetable Area in ha	LA @ 9%	PSME @10%	WDW @56%	Consolidation @2.6%	Total @ 77.6%
1	Bharari	752	8.1216	9.0240	50.5344	2.3462	70.0262
2	Jogaeal	3254	35.1432	39.0480	218.6688	10.1525	303.0125
3	Parshoi	844	9.1152	10.1280	56.7168	2.6333	78.5933
<b>TOTAL :</b>		<b>4850</b>	<b>52.38</b>	<b>58.2</b>	<b>325.92</b>	<b>15.132</b>	<b>451.632</b>

WC wise Yearly availability of Fund Under Various Components of IWMP (Amount in Lacs)														Jugail-I, IWMP-V		District-		Sonbhadra		
S. No.	Name of WC	Treatable Area in ha	IInd Year			IIIrd Year			IVth Year			Vth Year				Total				Grand Total (77.6%)
			LA (1%)	PSME (1%)	WDW (7.5%)	LA (2.5%)	PSME (2.5%)	WDW (16.175%)	LA (2.5%)	PSME (2.5%)	WDW (16.175%)	LA (3%)	PSME (4%)	WDW (16.150%)	Consolidation	LA (9%)	PSME (10%)	WDW (56%)	Consolidation (2.6%)	
1	Bharari	752	0.902	0.902	6.768	2.256	2.256	14.596	2.256	2.256	14.596	2.707	3.610	14.574	2.346	8.122	9.024	50.534	2.346	70.026
2	Jogaeal	3254	3.905	3.905	29.286	9.762	9.762	63.160	9.762	9.762	63.160	11.714	15.619	63.063	10.152	35.143	39.048	218.669	10.152	303.012
3	Parshoi	844	1.013	1.013	7.596	2.532	2.532	16.382	2.532	2.532	16.382	3.038	4.051	16.357	2.633	9.115	10.128	56.717	2.633	78.593
<b>TOTAL :</b>		<b>4850</b>	<b>5.82</b>	<b>5.82</b>	<b>43.65</b>	<b>14.55</b>	<b>14.55</b>	<b>94.14</b>	<b>14.55</b>	<b>14.55</b>	<b>94.14</b>	<b>17.46</b>	<b>23.28</b>	<b>93.99</b>	<b>15.13</b>	<b>52.38</b>	<b>58.20</b>	<b>325.92</b>	<b>15.13</b>	<b>451.63</b>

Details of EPA Activities Executed under Project Area						Jugail-I, IWMP-V	District-	Sonbhadra	
Sr. No.	MWS Code	Name of MWS	Geographical Area	Planned Area	Amount Released	EPA Work	Khasra No.	Expenditure (Lakhs)	Balance
1	2	3	4	5	6	7	8	9	10
1	2A6D1b1b	Jogaeal-I	842	606	2.91	Well Repair & Cahbutara		0.00	
							Sub Total	0.000	2.909
2	2A6D1b1c	Jogaeal-II	617	444	2.13	Well Repair & Cahbutara		2.131	
							Sub Total	2.131	0.000
3	2A6D1b2c	Jogaeal-III	484	349	1.68	Well Repair & Cahbutara		1.68	
							Sub Total	1.675	0.000
4	2A6D1d1d	Jogaeal-IV	615	462	2.22	Well Repair & Cahbutara		2.218	
							Sub Total	2.218	0.000
5	2A6D1d1e	Jogaeal-V	653	470	2.26	Well Repair & Cahbutara		2.26	
							Sub Total	2.256	0.000
6	2A6D1d2c	Jogaeal-VI	649	467	2.24	Well Repair & Cahbutara		2.242	
							Sub Total	2.242	0.000
7	2A6D1e2b	Jogaeal-VII	434	312	1.50	Well Repair & Cahbutara		1.498	
							Sub Total	1.498	0.000
8	2A6D1e2c	Jogaeal-VIII	716	515	2.47	Well Repair & Cahbutara		2.472	
							Sub Total	2.472	0.000
9	2A6F2a1a	Jogaeal-IX	663	465	2.23	Well Repair & Cahbutara		2.232	
							Sub Total	2.232	0.000
10	2A6F2a1b	Bharari-I	647	465	2.23	Well Repair & Cahbutara		2.232	
							Sub Total	2.232	0.000
11	2A6F2a1c	Bharari-II	410	295	1.42	Well Repair & Cahbutara		1.416	
							Sub Total	1.416	0.000
Total :				4850	23.28				2.91

Microwatershed-wise Financial Break-up of Institutional & Capacity Building Programme (Year-wise)																			Jugail-I, IWMP-V					District		Sonbhadra		Area in ha Amount in Lacs					
S. No.	MWS Code	Name of MWS	Area	Ist Year (0.5%)					IInd Year (2.5%)					IIIrd Year (0.75%)					IVthYear (0.75%)					Vth Year (0.5%)					TOTAL (5%)				GRAND TOTAL
				SLNA	WCDC	PIA	WC	Total	SLNA	WCDC	PIA	WC	Total	SLNA	WCDC	PIA	WC	Total	SLNA	WCDC	PIA	WC	Total	SLNA	WCDC	PIA	WC	Total	SLNA	WCDC	PIA	WC	
1	2A6D1b1b	Jogaeal-I	606.00	0.1091	0.1091	0.1454	0	0.364	0.04	0.25	1.53	0.00	1.82	0.04	0.09	0.42	0.00	0.55	0.04	0.09	0.42	0.00	0.55	0.00	0.11	0.25	0.00	0.36	0.22	0.65	2.76	0.00	3.64
2	2A6D1b1c	Jogaeal-II	444.00	0.0799	0.0799	0.1066	0	0.266	0.03	0.19	1.12	0.00	1.33	0.03	0.07	0.31	0.00	0.40	0.03	0.07	0.31	0.00	0.40	0.00	0.08	0.19	0.00	0.27	0.16	0.48	2.02	0.00	2.66
3	2A6D1b2c	Jogaeal-III	349.00	0.0628	0.0628	0.0838	0	0.209	0.02	0.15	0.88	0.00	1.05	0.02	0.05	0.24	0.00	0.31	0.02	0.05	0.24	0.00	0.31	0.00	0.06	0.15	0.00	0.21	0.13	0.38	1.59	0.00	2.09
4	2A6D1d1d	Jogaeal-IV	462.00	0.0832	0.0832	0.1109	0	0.277	0.03	0.19	1.16	0.00	1.39	0.03	0.07	0.32	0.00	0.42	0.03	0.07	0.32	0.00	0.42	0.00	0.08	0.19	0.00	0.28	0.17	0.50	2.11	0.00	2.77
5	2A6D1d1e	Jogaeal-V	470.00	0.0846	0.0846	0.1128	0	0.282	0.03	0.20	1.18	0.00	1.41	0.03	0.07	0.32	0.00	0.42	0.03	0.07	0.32	0.00	0.42	0.00	0.08	0.20	0.00	0.28	0.17	0.51	2.14	0.00	2.82
6	2A6D1d2c	Jogaeal-VI	467.00	0.0841	0.0841	0.1121	0	0.28	0.03	0.20	1.18	0.00	1.40	0.03	0.07	0.32	0.00	0.42	0.03	0.07	0.32	0.00	0.42	0.00	0.08	0.20	0.00	0.28	0.17	0.50	2.13	0.00	2.80
7	2A6D1e2b	Jogaeal-VII	312.00	0.0562	0.0562	0.0749	0	0.187	0.02	0.13	0.79	0.00	0.94	0.02	0.05	0.22	0.00	0.28	0.02	0.05	0.22	0.00	0.28	0.00	0.06	0.13	0.00	0.19	0.11	0.34	1.42	0.00	1.87
8	2A6D1e2c	Jogaeal-VIII	515.00	0.0927	0.0927	0.1236	0	0.309	0.03	0.22	1.30	0.00	1.55	0.03	0.08	0.36	0.00	0.46	0.03	0.08	0.36	0.00	0.46	0.00	0.09	0.22	0.00	0.31	0.19	0.56	2.35	0.00	3.09
9	2A6F2a1a	Jogaeal-IX	465.00	0.0837	0.0837	0.1116	0	0.279	0.03	0.20	1.17	0.00	1.40	0.03	0.07	0.32	0.00	0.42	0.03	0.07	0.32	0.00	0.42	0.00	0.08	0.20	0.00	0.28	0.17	0.50	2.12	0.00	2.79
10	2A6F2a1b	Bharari-I	465.00	0.0837	0.0837	0.1116	0	0.279	0.03	0.20	1.17	0.00	1.40	0.03	0.07	0.32	0.00	0.42	0.03	0.07	0.32	0.00	0.42	0.00	0.08	0.20	0.00	0.28	0.17	0.50	2.12	0.00	2.79
11	2A6F2a1c	Bharari-II	295.00	0.0531	0.0531	0.0708	0	0.177	0.02	0.12	0.74	0.00	0.89	0.02	0.04	0.20	0.00	0.27	0.02	0.04	0.20	0.00	0.27	0.00	0.05	0.12	0.00	0.18	0.11	0.32	1.35	0.00	1.77
<b>Total :</b>			4850	<b>0.873</b>	<b>0.873</b>	<b>1.164</b>	<b>0.000</b>	<b>2.910</b>	<b>0.291</b>	<b>2.037</b>	<b>12.222</b>	<b>0.000</b>	<b>14.550</b>	<b>0.291</b>	<b>0.728</b>	<b>3.347</b>	<b>0.000</b>	<b>4.365</b>	<b>0.291</b>	<b>0.728</b>	<b>3.347</b>	<b>0.000</b>	<b>4.365</b>	<b>0.000</b>	<b>0.873</b>	<b>2.037</b>	<b>0.000</b>	<b>2.910</b>	<b>1.746</b>	<b>5.238</b>	<b>22.116</b>	<b>0.000</b>	<b>29.100</b>

At A Glance	Annual Action Plan (APP) of I & CB of Project Area Under District:- Sonbhadra (5% of Project Cost) Area ha Jugail-I, IWMP-V 4850.00						Amount in Lakhs
	S. No.	Level	Number of persons to be trained	Nos. Of Trngs	Days	Preson days	Rate/person/day
1	SLNA	0	0	0	0	0	1.746
2	WCDC						
2.1	District Level Workshop	75	1	1	75	0.01	0.750
2.2	Workshop						
2.2.1	Convergence Workshop	20	1	1	20	0.007	0.140
2.2.2	Refreshar Wokshop	20	1	1	20	0.007	0.140
2.2.3	Workshop of InovatVe Practices & PPP Model	20	1	1	20	0.007	0.140
2.2.4	Workshop on Formation, Development & Sustainability of Federation	20	1	1	20	0.007	0.140
2.2.5	Linkage Establishment	20	1	1	20	0.007	0.140
	<b>Sub Total of 2 :</b>	<b>100</b>	<b>5</b>		<b>175</b>		<b>0.700</b>
2.3	Exposure Visit						
2.3.a	In the District	438	1	1	438	0.00150	0.6570
2.3.b	Within State	354	1	1	354	0.00400	1.416
2.3.c	Out of State	35	1	7	245	0.00700	1.715
	<b>Sub Total of WCDC</b>	<b>827</b>	<b>9</b>		<b>1232</b>		<b>5.2380</b>
3	PIA						
3.1	PIA	16	2	6	192	0.00670	1.286
3.2	WDT	14	2	5	140	0.00670	0.938
3.3	WC Basic	1098	1	1	1098	0.00317	3.481
3.4	WC Member	70	2	1	140	0.00317	0.634
3.5	WC Functionaries	30	2	1	60	0.00670	0.643
3.6	UGs	473	1	1	473	0.00317	1.499
3.7	UGs Functionaries	216	1	2	432	0.00670	2.894
3.8	SHGs	670	1	3	2010	0.00317	6.372
3.9	SHGs Functionaries	326	1	2	652	0.00670	4.368
	<b>Sub Total of PIA</b>	<b>2913</b>			<b>5197</b>		<b>22.116</b>
3.10	Skill Training (from Convergence)	105	1	30	3150	0.00500	15.750
	<b>Sub Total :</b>	<b>105</b>			<b>3150</b>		<b>37.866</b>
	<b>Total :</b>	<b>3845</b>			<b>9579</b>	-	<b>44.850</b>
<b>Fund From IWMP</b>							<b>29.100</b>
<b>Convergence from NRLM/SKILL Development Mission</b>							<b>15.750</b>

Ist Year	Annual Action Plan (APP) of I & CB of Project Area Under				Jugail-I, IWMP-V		Amount in Lakhs
	District :	Sonbhadra		(0.5% of Project Cost) Area :		4850.00	
S. No.	Level	Number of persons to be trained	Nos. Of Trngs	Days	Preson days	Rate/person/day	Amount
1	SLNA	0	0	0	0	0.00000	0.8730
2	<b>WCDC</b>						
2.1	District Level Workshop	0	0	0	0	0.01000	0.000
2.2	<b>Convergence Workshop</b>	20	1	1	20	0.00700	0.140
2.3	<b>Exposure Visit</b>						
2.3.a	In the District	142	1	1	142	0.00150	0.213
2.3.b	Within State	130	1	1	130	0.00400	0.520
2.3.c	Out of State	0	0	0	0	0.00700	0.000
	<b>Sub Total of WCDC</b>	<b>272</b>	<b>3</b>		<b>292</b>		<b>0.873</b>
3	<b>PIA</b>						
3.1	PIA	4	2	6	48	0.00670	0.322
3.2	WDT	2	2	5	20	0.00670	0.134
3.3	WC Basic	198	1	1	198	0.00317	0.628
3.4	WC Member	0	2	1	0	0.00317	0.000
3.5	WC Functionaries	6	2	1	12	0.00670	0.080
3.6	UGs	0	1	1	0	0.00317	0.000
3.7	UGs Functionaries	0	1	2	0	0.00670	0.000
3.8	SHGs	0	1	3	0	0.00317	0.000
3.9	SHGs Functionaries	0	1	2	0	0.00670	0.000
	<b>Sub Total of PIA</b>	<b>210</b>			<b>278</b>		1.164
3.10	Skill Training	0	0	0	0	0.00500	0.000
<b>Sub Total :</b>		<b>0</b>			<b>0</b>		<b>0.000</b>
<b>Total :</b>		<b>482</b>			<b>570</b>	-	<b>2.91</b>
<b>Fund From IWMP</b>							<b>2.91</b>



IInd Year	Annual Action Plan (APP) of I & CB of Project Area Under				Jugail-I, IWMP-V		Amount in Lakhs
	District :	Sonbhadra		(2.5% of Project Cost) Area :		4850.00	
S. No.	Level	Number of persons to be trained	Nos. Of Trngs	Days	Preson days	Rate/person/day	Amount
1	SLNA	0	0	0	0	0.00000	0.291
2	<b>WCDC</b>						
2.1	District Level Workshop	75	1	1	75	0.01000	0.750
2.2	Refreshar Wokshop	20	1	1	20	0.00700	0.140
2.3	<b>Exposure Visit</b>						
2.3.a	In the District	104	1	1	104	0.00150	0.156
2.3.b	Within State	64	1	1	64	0.00400	0.256
2.3.c	Out of State	15	1	7	105	0.00700	0.735
	<b>Sub Total of WCDC</b>	<b>183</b>	<b>5</b>		<b>368</b>		<b>2.037</b>
3	<b>PIA</b>						
3.1	PIA	6	2	6	72	0.00670	0.482
3.2	WDT	2	2	5	20	0.00670	0.134
3.3	WC Basic	900	1	1	900	0.00317	2.853
3.4	WC Member	30	4	1	120	0.00317	0.380
3.5	WC Functionaries	6	4	1	24	0.00670	0.161
3.6	UGs	292	1	1	292	0.00317	0.926
3.7	UGs Functionaries	126	1	2	252	0.00670	1.688
3.8	SHGs	380	1	3	1140	0.00317	3.614
3.9	SHGs Functionaries	148	1	2	296	0.00670	1.983
	<b>Sub Total of PIA</b>	<b>1890</b>			<b>3116</b>		<b>12.222</b>
3.10	Skill Training	0	0	0	0	0.00500	0.000
	<b>Sub Total :</b>	<b>0</b>			<b>0</b>		<b>12.222</b>
	<b>Total :</b>	<b>2073</b>			<b>3484</b>	-	<b>14.550</b>
<b>Fund From IWMP</b>							<b>14.550</b>

Illrd Year	Annual Action Plan (APP) of I & CB of Project Area Under				Jugail-I, IWMP-V		Amount in Lakhs
	District :	Sonbhadra		(0.75% of Project Cost) Area :		4850.00	
S. No.	Level	Number of persons to be trained	Nos. Of Trngs	Days	Preson days	Rate/person/day	Amount
1	SLNA	0	0	0	0	0.00000	0.291
2	<b>WCDC</b>						
2.1	District Level Workshop	0	0	0	0	0.01000	0.000
2.2	Workshop of Inovative Practices & PPP Model	20	1	1	20	0.00700	0.140
2.3	<b>Exposure Visit</b>						
2.3.a	In the District	25	1	1	25	0.00150	0.0375
2.3.b	Within State	15	1	1	15	0.00400	0.060
2.3.c	Out of State	10	1	7	70	0.00700	0.490
	<b>Sub Total of WCDC</b>	<b>50</b>	<b>4</b>		<b>130</b>		<b>0.728</b>
3	<b>PIA</b>						
3.1	PIA	2	2	6	24	0.00670	0.161
3.2	WDT	4	2	5	40	0.00670	0.268
3.3	WC Basic	0	0	0	0	0.00317	0.000
3.4	WC Member	20	1	2	40	0.00317	0.127
3.5	WC Functionaries	6	4	1	24	0.00670	0.161
3.6	UGs	47	1	1	47	0.00317	0.149
3.7	UGs Functionaries	30	1	2	60	0.00670	0.402
3.8	SHGs	120	1	3	360	0.00317	1.141
3.9	SHGs Functionaries	70	1	2	140	0.00670	0.938
	<b>Sub Total of PIA</b>	<b>299</b>			<b>735</b>		<b>3.347</b>
3.10	Skill Training (from Convergence)	35	1	30	1050	0.00500	5.250
<b>Sub Total :</b>		<b>35</b>			<b>1050</b>		<b>8.597</b>
<b>Total :</b>		<b>384</b>			<b>1915</b>	-	<b>9.615</b>
<b>Fund From IWMP</b>							<b>4.365</b>
<b>Convergence from NRLM/SKILL Development Mission</b>							<b>5.250</b>

IVth Year	Annual Action Plan (APP) of I & CB of Project Area Under				Jugail-I, IWMP-V		Amount in Lakhs
	District :	Sonbhadra		(0.75% of Project Cost) Area :		4850.00	
S. No.	Level	Number of persons to be trained	Nos. Of Trngs	Days	Preson days	Rate/person/day	Amount
1	SLNA	0	0	0	0	0.00000	0.291
2	<b>WCDC</b>						
2.1	District Level Workshop	0	0	0	0	0.01000	0.000
2.2	Workshop of Inovative Practices & PPP Model	20	1	1	20	0.00700	0.140
2.3	<b>Exposure Visit</b>						
2.3.a	In the District	25	1	1	25	0.00150	0.0375
2.3.b	Within State	15	1	1	15	0.00400	0.060
2.3.c	Out of State	10	1	7	70	0.00700	0.490
	<b>Sub Total of WCDC</b>	50	4		130		0.7275
3	<b>PIA</b>						
3.1	PIA	2	2	6	24	0.00670	0.161
3.2	WDT	4	2	5	40	0.00670	0.268
3.3	WC Basic	0	0	0	0	0.00317	0.000
3.4	WC Member	20	1	2	40	0.00317	0.127
3.5	WC Functionaries	6	4	1	24	0.00670	0.161
3.6	UGs	47	1	1	47	0.00317	0.149
3.7	UGs Functionaries	30	1	2	60	0.00670	0.402
3.8	SHGs	120	1	3	360	0.00317	1.141
3.9	SHGs Functionaries	70	1	2	140	0.00670	0.938
	<b>Sub Total of PIA</b>	299			735		3.347
3.10	Skill Training (from Convergence)	35	1	30	1050	0.00500	5.250
	<b>Sub Total :</b>	35			1050		8.597
	<b>Total :</b>	384			1915	-	9.615
<b>Fund From IWMP</b>							<b>4.365</b>
<b>Convergence from NRLM/SKILL Development Mission</b>							<b>5.250</b>

Vth Year	Annual Action Plan (APP) of I & CB of Project Area Under				Jugail-I, IWMP-V		Amount in Lakhs
	District :	Sonbhadra		(0.5% of Project Cost) Area :		4850.00	
S. No.	Level	Number of persons to be trained	Nos. Of Trngs	Days	Preson days	Rate/person/day	Amount
1	SLNA	0	0	0	0	0.00000	0.000
2	<b>WCDC</b>						
2.1	District Level Workshop	0	0	0	0	0.01000	0.000
2.2	Linkage Establishment	20	1	1	20	0.00700	0.140
2.3	<b>Exposure Visit</b>						
2.3.a	In the District	142	1	1	142	0.00150	0.213
2.3.b	Within State	130	1	1	130	0.00400	0.520
2.3.c	Out of State	0	0	0	0	0.00700	0.000
	<b>Sub Total of WCDC</b>	<b>272</b>	<b>3</b>		<b>292</b>		<b>0.873</b>
3	<b>PIA</b>						
3.1	PIA	2	2	6	24	0.00670	0.161
3.2	WDT	2	2	5	20	0.00670	0.134
3.3	WC Basic	0	0	0	0	0.00317	0.000
3.4	WC Member	0	0	0	0	0.00317	0.000
3.5	WC Functionaries	6	2	1	12	0.00670	0.080
3.6	UGs	87	1	1	87	0.00317	0.276
3.7	UGs Functionaries	30	1	2	60	0.00670	0.402
3.8	SHGs	50	1	3	150	0.00317	0.476
3.9	SHGs Functionaries	38	1	2	76	0.00670	0.509
	<b>Sub Total of PIA</b>	<b>215</b>			<b>429</b>		<b>2.038</b>
3.10	Skill Training (from Convergence)	35	1	30	1050	0.00500	5.250
<b>Sub Total :</b>		<b>3</b>			<b>1050</b>		<b>7.288</b>
<b>Total :</b>		<b>490</b>			<b>1771</b>	-	<b>8.161</b>
<b>Fund From IWMP</b>							<b>2.910</b>
<b>Convergence from NRLM/SKILL Development Mission</b>							<b>5.251</b>

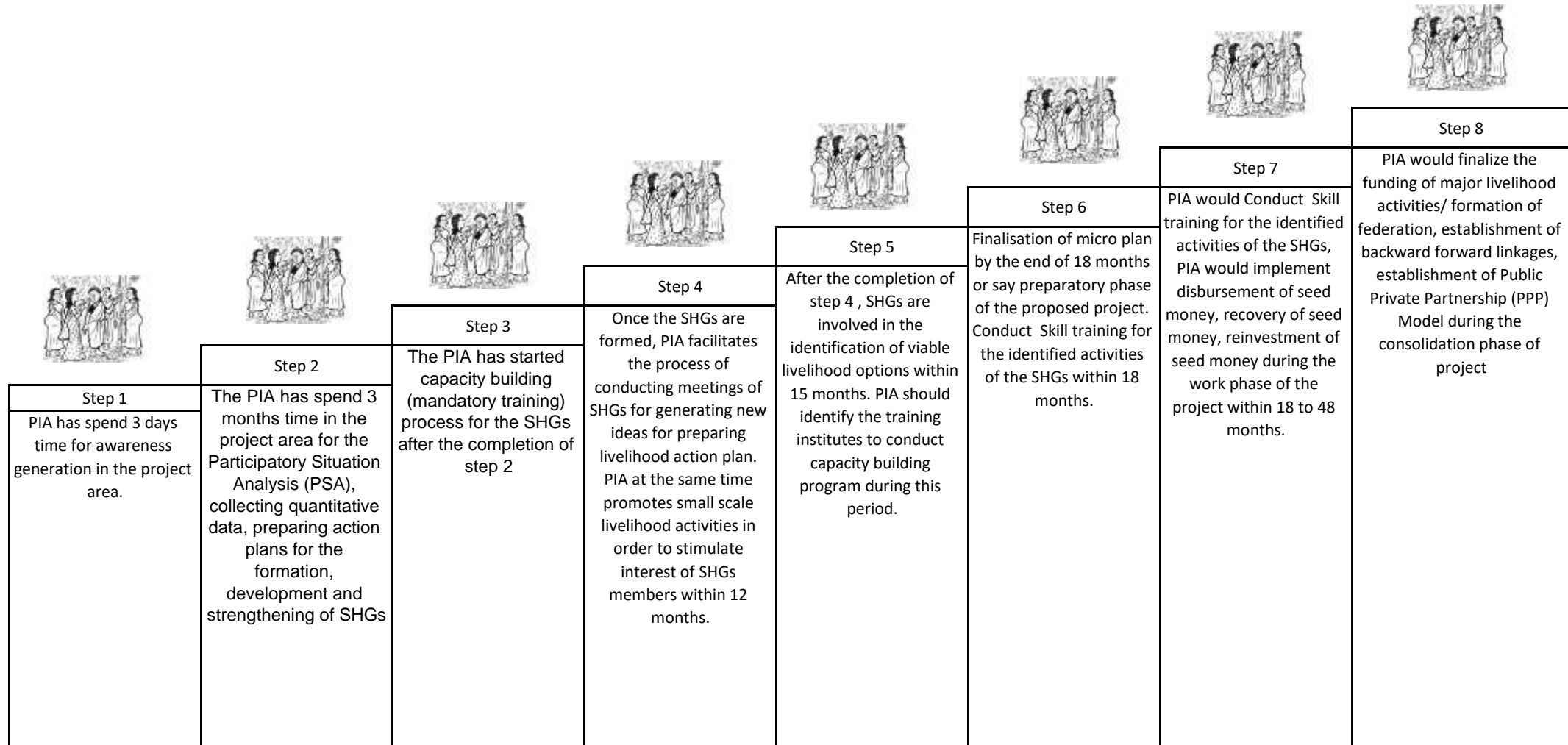
List of Identified Training Institute		
S. No.	Training Institute	Area of Specialization
1	Indian Veterinary Research Institute IVRI, Izatnagar, Bareilly in Uttar Pradesh	Livestock Rearing and Management.
2	Banaras Hindu University (BHU) , Varanasi, Uttar Pradesh 221005 Phone: 0542 236 8558	Farming System and Livelihood Development.
3	Central Institute for Research on Goats (CIRG), Farah Main Bazar Rd, Makhdum, Uttar Pradesh 281122	Goatary
4	Uttar Pradesh Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go Anusandhan Sansthan, Mathura E-mail: agropedia@iitk.ac.in Phone: +91-512-2594005 (Off.)	Livestock Rearing and Management.
5	Department of Animal Husbandary, U.P.	Poultry/ Piggery
6	Pradeshik Cooperative Dairy Federation (PCDF), 29, Park Road, Lucknow-226001 Ph-236465,2236035 e-mail-info@paragmilkup.in	Dairy Development, Paravet, Milk Production and Micro Enterprises.
7	Institute of Financial Management Training and Research (IFMTR), U.P. Lucknow	Accounting Procedure and Finance.
8	National Bank for Agriculture and Rural Development (NABARD), 11, Vipin Khand, Gomti Nagar, Lucknow, Uttar Pradesh 226010 Phone: 0522 230 4530	Basic Orientation, SHGs Formation-Sustainability and Bank Linkage.
9	U.P. Khadi Gramodyuog	Micro Enterprises
10	Horticulture and Food Processing Department, UP Udhyan Bhawan, 2-Sapru Marg, Lucknow-226001. Telephone - 0522-4044414, 2623277	Horticulture, Nursery Management and Food Processing
11	Department of Fisheries, U.P.	Fisheries
12	Institute of Entrepreneurship Development, U.P.. A - 1 & 2, Industrial Area, Sarojini Nagar Kanpur Road, Lucknow-226008. Uttar Pradesh. Phone: 0522 - 2476012, 2476055	Livelihood Development and Micro Enterprises
13	Department of Forest, U.P.	Horticulture and Agro Forestry
14		
15	State Institute Of Rural Development in Bakshi Ka Talab Airport, Lucknow, Bakshi-Ka-Talab, Bakshi Ka Talab, Lucknow - 227208 .	Basic Orientation, Project Formulaion, Livelihood, Social Mobilization and other Specifiic Area.
16	District Institute of Rural Development (DIRD), U.P.	Basic Orientation, Project Formulaion, Production System.
17	Sardar Vallabhbhai Patel University of Agriculture and Technology, Modipuram, Meerut, Uttar Pradesh 250110	Basic Orientation, Project Formulaion, Production System.
18	Chandra Shekhar Azad University of Agriculture & Technology (CSAUA&T), Kanpur	Basic Orientation, Project Formulaion, Production System.
19	Banda University of Agriculture and Technology, Banda Near New Circuit House, Banda, Uttar Pradesh 210001, India, Banda, Uttar Pradesh 210001 Phone: 05192 221 605	Basic Orientation, Project Formulaion, Production System.
20	Narendra Dev University Of Agriculture And Technology Kumarganj, Faizabad, Uttar Pradesh 224229 Phone: 05270 262 03	Basic Orientation, Project Formulaion, Production System.
21	Sam Higginbottom Institute of Agriculture, Technology and Sciences, Post. Agriculture Institute, Allahabad, Uttar Pradesh 211007 Phone: 0532 268 4281	Basic Orientation, Project Formulaion, Production System.
22	All Government KVKs, U.P.	Basic Orientation, Project Formulaion, Production System.
23	Trining Institute, Beni Kalan, U.P.	Basic Orientation, Project Formulaion, Production System.

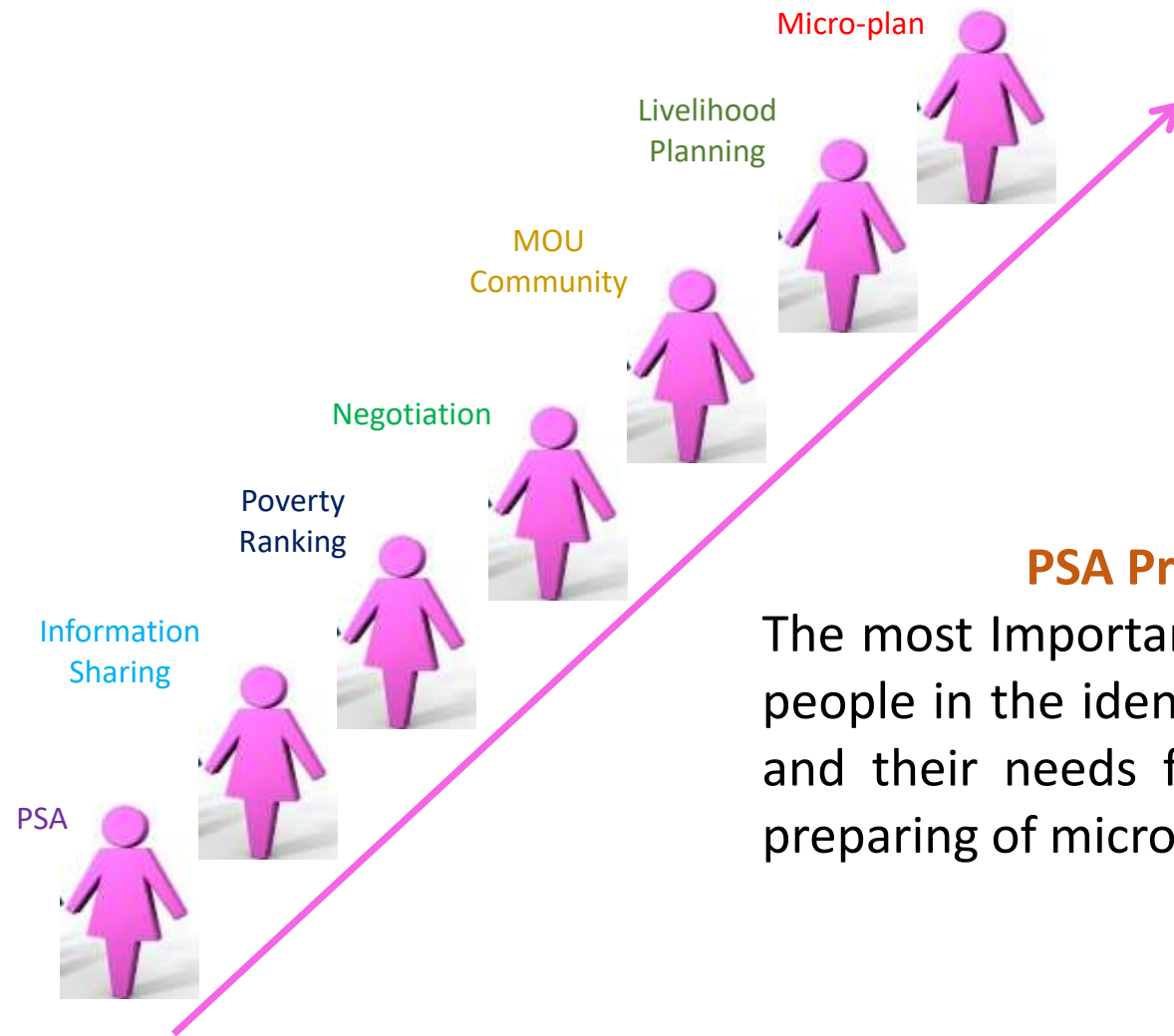
24	State Agriculture Management Institute, U.P.	Basic Orientation, Project Formulaion, Production System.
25	The ICAR-Indian Institute of Soil and Water Conservation(ICAR-IISWC), (Formerly CSWCRTI), 218, Kaulagarh Road, Forest Research Institute, ONGC, Dehradun, Uttarakhand 248195 Phone: 0135 275 7214	Basic Orientation, Project Formulaion, Production System.
26	ICAR-Indian Institute of Soil and Water Conservation, Research Centre, Chhaleser, Agra-282 006 (U.P) Tel: (O) 0562-6544599; (R) 91-9837017725; Fax No.: 0562-2440179 E-mail: agra.cswcrti@gmail.com ; skdubeyagra@gmail.com	Basic Orientation, Project Formulaion, Production System.
27	Indian Grassland and Fodder Research Institute (IGFR), Jhansi, Uttar Pradesh 284003 Phone: 081203 11814	Grass and Ffodder Management
28	National Research Centre for Agroforestry (NRCAF), Gwalior Road, Jhansi-284 003	Afforestation and Agro Forestry
29	Remote Sensing Application Centre, Kursi Road, Lucknow.	Role and Application of Remote Sensing, G.I.S. and GPS in Watershed Management.
30	Agricultuure Finance Corporation (AFC) Ltd. Vidhan Sabha Marg, Lucknow	All WC Level Training under IWMP at Local Level.
31	Herbert Buttlar Technological Institute (STEP HBTI), Nawabganj, Kanpur 208002 Ph. No. 0512-2560831, 2562536, 2563016 E-mail : stephbt@gmail.com	Basic Orientation and Skill Training for Livelihood and Micro Enterprises.

**\* OR Any other Institute Identified by the DoLR/SLNA from time to time**

## Livelihood Planning

We propose to bring meaningful participation of primary stakeholders, in the identification of livelihood options for different members in the project area. Particularly the landless/asset less, marginal community including SC/ST and women. A community based action planning process involves Participatory Situation Analysis (PSA), preparation of inventory of existing livelihood activities, possibilities of extension of existing livelihood activities and its sustainability, identification of new livelihood options/income generation activities, formation of landless/asset less, marginal community including SC/ST and women into new Self Help Groups (SHGs), capacity building /skill training requirement, generation of new ideas and planning of viable livelihood options, plan for disbursement of seed money/revolving fund, recovery plan of disbursed seed money, reinvestment plan of recovered amount of seed money, funding of major livelihood activities/ formation of federation, establishment of backward forward linkages, establishment of Public Private Partnership (PPP) Model . .



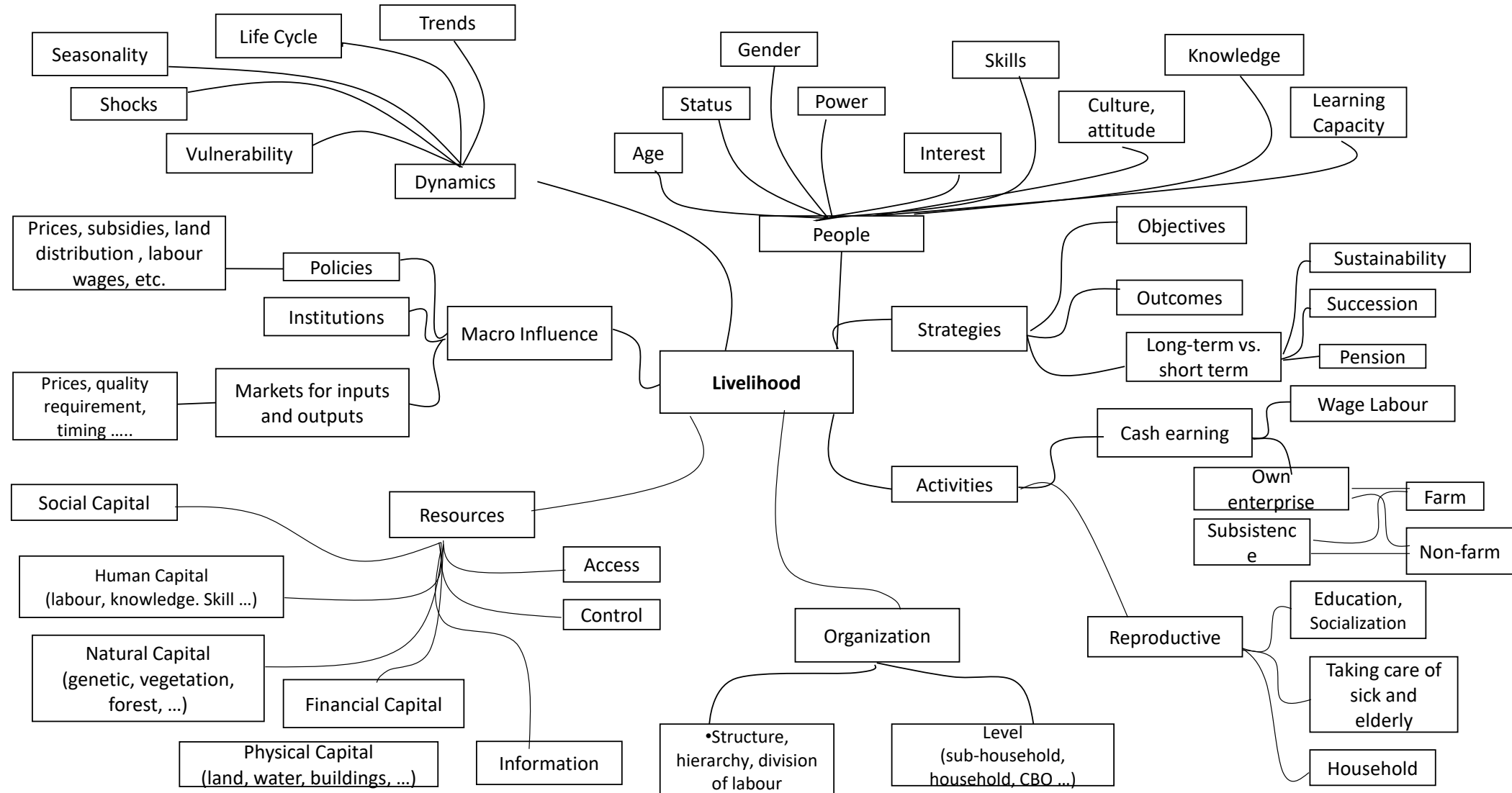


### PSA Process Adopted

The most Important priority is to involve the people in the identification of target groups and their needs for livelihood options and preparing of micro-plans.



## A CONCEPT MAP USED FOR LIVELIHOOD ANALYSIS IN THE PROJECT AREA



### **Eligibility for availing the funds under the Livelihood Component :-**

- The beneficiaries should be marginalized communities, including SC, landless/assetless people, women, etc., among which preference will be given to women, specially female headed households, SCs, as identified under the wealth ranking conducted as a part of the PRA exercise.
- It may be ensured that the selected SHG does not have more than one member from a household.
- Priority may be given to women SHGs.

#### **Budget, procedure of release and administration:-**

- 9% of the total project fund i.e. Rs. 52.38 Lakhs is earmarked as the livelihood component for the benefit of marginalized communities, including SC, landless/assetless people, women, etc.
- This earmarked amount shall be taken out of the total project fund as a grant to WC in its bank account, which in turn will be used to provide financial assistance, (seed money for revolving fund to SHGs and a grant-in-aid for enterprising SHGs/ SHG federations to undertake major livelihood activities).

At least 70% of this livelihood fund i.e. Rs. 36.67 Lakhs will be used to support/seed money revolving fund for SHGs, including support to enterprising individuals, and a maximum of 30% i.e. Rs. 15.71 Lakhs for supporting grant-in-aid to enterprising SHGs/ SHG federations.

#### **Seed Money for Revolving Fund:-**

##### **•Seed money for SHGs**

- Each SHG shall make an application for financial assistance to the WC. WC in its regular meeting, will consider these applications and pass resolution regarding its approval of financial assistance to SHGs based on merit of the case. The representatives of applicant SHGs may also be present in such meetings of the WC. The resolution will clearly rank the approved cases, based on the priorities and preferences, so that the support may be extended to all the eligible SHGs in order of ranking.
- The initial amount up to Rs. 25,000 may be given as seed money to a SHG as the revolving fund after their proposed activity(s) has been approved by the WC in its meeting and included in the resolution.
- The SHGs will return the seed money on monthly basis and that could be reinvested in the same or other SHGs as per the resolution passed in meeting of WC. The amount and number of monthly installments may be decided by WC based on the type of activity, capacity of the group and their savings. The amount may be returned in a maximum of 18 months.
- The payment will be made by cheque after the respective SHG has opened a joint bank account with two signatories from the SHG members.
- The SHGs may use the amount for a combined activity and/ or shall provide the above amount to the concerned members as individual loan against a specific activity for improving income. In case of individual support under the SHGs, the individual will be accountable to the main SHGs for finances and performance.

### •Seed money for Enterprising Individuals

- The enterprising individual shall apply for financial assistance to the WC, along with a viable livelihood proposal. WC in its regular meeting, will consider such applications and recommend to WCDC, through PIA, the amount to be provided as seed money to such individual(s) as the revolving fund after their proposed activity(s) has been approved by the WC in its meeting and included in the resolution based on the merits of the case.
- The applicants may also be present in such meetings of the WC. The resolution will clearly rank the approved cases, based on the priorities and preferences, so that the support may be extended to all the eligible enterprising individuals in order of ranking.
- The WC may release financial assistance to these enterprising individuals after approval by WCDC. Such individuals will return the seed money on monthly basis and that could be reinvested further as per the resolution passed in meeting of WC. The amount and number of monthly installments may be decided by WC based on the type of activity and capacity of the individual. The amount may be returned in a maximum of 18 months.
- The payment will be made by account payee cheque in such individual cases.

### **Funding for Major Livelihood activities for enterprising SHGs/ SHG federation:-**

- The funding for major livelihood activities will enable the enterprising SHGs/ SHG federations (with at least 5 enterprising SHGs) to avail a composite loan for undertaking major livelihood activities or to expand/upscale activities as recommended by the WC and approved by WCDC in consultation with line departments and bank.
- For such activities, a composite loan (grant in aid and bank loan) can be availed depending upon the type of activity. The grant-in-aid will be 50% of the cost of the activity or Rs. 2.00 lakh whichever is less. However, grant in aid shall not exceed 30% of the livelihood component (i.e. 9% of the total project cost) of the project.
- SLNA may issue detailed modalities for payment of grant-in-aid for funding major livelihood activities.

### **Disbursement Plan of Seed Money :-**

Seed Money to the SHGs will be disbursed after fulfilling the following conditions –

- SHGs has been formed.
- Regular Meeting of the SHGs is being conducted.
- Regular saving is being made. Internal lending and its recovery is being made properly.
- Up-keep of record is being maintained. Account has been opened in the bank.
- Mandatory training has been organised for the SHGs.
- Required Skill Training has also been organised.
- Amount of Seed Money will be subject to maximum of 4 times of their up to date saving of the respective SHGs subject to the maximum limit of the Activity-wise limit of the

**Recovery Plan of Seed Money :-** Recovery of Seed Money will be made in maximum of 18 equal installments. We propose to give 03 months grace

Details of Recovery Plan of Seed Money Disbursed					
For the SHGs			For the Enterprising Individuals		
Duration (in months)	Grace Period for Recovery (in months)	Recovery Period (in months)	Duration (in months)	Grace Period for Recovery (in months)	Recovery Period (in months)
18	3	15	12	2	10

**Reinvestment Plan of Seed Money :-** Recovered amount of seed money may be reinvested to the same SHG or the new SHGs as the case may be.

Reinvestment to the existing SHGs will be made subject to fulfilling the following conditions-

- Minimum 50% of the seed money has been recovered.
- Recovery of seed money has been made regularly without any default.
- Assessment has been about the improvement in livelihood status of SHGs.
- Willingness of SHGs to take more seed money to upscale/ expand their activity.
- Recovery of the reinvested amount of seed money to the same SHG will be made as per the above recovery plan of seed money.

**Composition of committee for the sanction, disbursement and reinvestment of seed money-** A 6-member Committee will be constituted under the Chairmanship

- |                                                   |   |                     |
|---------------------------------------------------|---|---------------------|
| •President Watershed Committee (WC)               | - | ex officio chairman |
| •Technical expert- WCDC                           | - | coordinator         |
| •Nominated member of PIA                          | - | Member Secretary    |
| •Representative of the respective Line Department | - | Member              |
| •Lead bank manager                                | - | Member              |
| •Krishi Vigyan Kendra (KVK)                       | - | Member              |

**Plan For Formation of Federation :-** We propose to go for the formation of federation in the consolidation phase of the project and 30% of the livelihood component under the project cost i.e. 30% of the project cost or Rs. 15.71 Lakhs is earmarked for it.

**Funding for Major Livelihood activities/Federation :-**

- The funding for major livelihood activities will enable the enterprising SHGs/ SHG federations (with at least 5 enterprising SHGs) to avail a composite loan for undertaking major livelihood activities or to expand/upscale activities as recommended by the WC and approved by WCDC in consultation with line departments and bank.

- For such activities, a composite loan (grant in aid and bank loan) can be availed depending upon the type of activity. The grant -n-aid will be 50% of the cost of the activity or Rs. 2.00 Lakhs whichever is less. However, grant in aid shall not exceed 30% of the livelihood component (i.e. 9% of the total project cost) of the project. We proposed 20% margin money as SHG contribution for availing composite loan under funding for major livelihood activities for Enterprising SHGs/Federation of SHGs.

**Capacity Building for Beneficiaries :-**

- The capacity building needs of the marginalized communities, including SC, landless/assetless people, women, etc has be included in the livelihood action plan prepared after the livelihood analysis. The capacity building will be aim at skill enhancement and not just knowledge and information.  
The capacity building component should be planned by the livelihood expert of WDT/Livelihood agency in consultation with WC for making necessary budgetary provision on annual basis.
- The expenditure for the training for livelihood component will be met from 5% of the budget component of the project cost earmarked for institution and capacity building.
- It shall be mandatory to provide skill based training on the following components apart from the other training needs expressed by SHGs:
  - Book Keeping (cash book and ledger registers, preparing budget, maintenance of accounts etc.).
  - Minutes of meeting (proceedings) and follow up.
  - Exposure visits and discussions in the specialized areas of livestock, agriculture/horticulture, agro-forestry, fisheries and other watershed related income generating activities, micro-enterprises, micro-credit, etc.
  - Knowledge of market and pricing, value addition, alternate institutions including Farmers Production Companies etc.
  - Other related aspects.
  - Activity based Skill Training

Unit Cost for Various Proposed Activity Under Livelihood				Jugail-I, IWMP-V		District:- Sonbhadra	
S.No.	Name Of Activity	Type of Activity	Unit Cost in Rs.	S.No.	Name Of Activity	Type of Activity	Unit Cost in Rs.
1	Poultry	SHGs	25000	1	Mini Village Shop	Individual	5000
2	Goatary	SHGs	25000	2	Diesel Engine Mechanic	Individual	10000
3	Cattle Rearing	SHGs	25000	3	Fabricator	Individual	10000
4	Vermi Compost	SHGs	10000	4	Masson	Individual	5000
5	Chiken Kadahai	SHGs	10000	5	Domestic Wiring	Individual	10000
6	Agarbati Making	SHGs	20000	6	Mobile Repairing	Individual	10000
7	Candle Making	SHGs	20000	7	Electric Appliances Mechanic	Individual	10000
8	Food Preservation	SHGs	20000	8	Hand Pump Mechanic	Individual	5000
9	Basket Making	SHGs	20000	9	Puncture Repair	Individual	5000
10	Paper Plate Making	SHGs	25000	10	Vermi Compost Unit	Individual	2000

Note:-

- 1 Above List of activities are Indicative. Need base changes could be made after due approval of respective Watershed Committee
- 2 Above Mention Unit cost is the maximum ceiling limit for seed money. But seed money will be released subject to availability of fund under respective year
- 3 Amount for grant-in-aid under funding for major Activities will carry forward as such the federation will be formed in consolidation Phase.
- 4 Amount for grant-in-aid under funding for major Activities for federation or Enterprising SHGs will be released as composite loan after due consent and approval of respective Bank.
- 5 No. of Federation proposed to be formed and project cost including contribution of SHGs/Federation of SHGs, grant-in-aid and Bank Loan are shown in AT-a-Glance Table.

Annual Action Plan (AAP) At a Glance For Seed Money Distribution to SHGs/Individuals and Grant-in-aid Under Livelihood Component of Project Area Under													
				Jugail-I, IWMP-V		District-			Sonbhadra		Phy.in : Nos. and Fin. : in Lakhs		
S. No.	Name of WC	Project Area in ha.	Proposed Amount	Details of Seed Money Distribution					Grant-in aid under Funding for major activities				
				Total Amount	Seed Money for SHGs	Nos. of SHGs for Seed Money	Seed Money For Individuals	Nos. of Individuals	Federation	Project Cost	Contribution of SHGs/Fed.	Grant in-aid @ Rs. 50% or Rs. 2.00 Lacs/Fed. whichever is less	Bank Loan
1	Bharari	752	8.1216	5.6851	5.1166	22	0.5685	7	2	4.8730	0.9746	2.4365	1.46189
2	Jogaal	3254	35.1432	24.6002	22.1402	90	2.4600	26	6	21.0859	4.2172	10.5430	6.32578
3	Parshoi	844	9.1152	6.3806	5.7426	25	0.6381	7	2	5.4691	1.0938	2.7346	1.64074
<b>Total :</b>		<b>4850.00</b>	<b>52.38</b>	<b>36.67</b>	<b>33.00</b>	<b>137</b>	<b>3.6666</b>	<b>40</b>	<b>10</b>	<b>31.4280</b>	<b>6.2856</b>	<b>15.7140</b>	<b>9.4284</b>

<b>Annual Action Plan (AAP) IInd Year For Seed Money Distribution to SHGs/Individuals and Grant-in-aid Under Livelihood Component of Project Area Under Jugail-I, IWMP-V District- Sonbhadra Phy.in : Nos. and Fin. : in Lakhs</b>											
S. No.	Name of WC	Project Area in ha.	Proposed Amount	Details of Seed Money Distribution (Amount in Lacs)					Grant-in aid under Funding for major activities		
				Total Amount	Seed Money for SHGs	Nos. of SHGs for Seed Money	Seed Money For Individuals	Nos. of Individuals	Project Cost	Grant in-aid @ Rs. 50% or Rs. 2.00 Lakh whichever is less	Bank Loan
1	Bharari	752	0.9024	0.6317	0.5685	3	0.0632	1		0.2707	
2	Jogaeal	3254	3.9048	2.7334	2.4600	10	0.2733	3		1.1714	
3	Parshoi	844	1.0128	0.7090	0.6381	3	0.0709	1		0.3038	
<b>Total :</b>		<b>4850</b>	<b>5.8200</b>	<b>4.0740</b>	<b>3.6666</b>	<b>16</b>	<b>0.4074</b>	<b>5</b>		<b>1.7460</b>	

Note

<b>Annual Action Plan (AAP) IIIrd Year For Seed Money Distribution to SHGs/Individuals and Grant-in-aid Under Livelihood Component of Project Area Under Jugail-I, IWMP-V District- Sonbhadra Phy.in : Nos. and Fin. : in Lakhs</b>											
S. No.	Name of WC	Project Area in ha.	Proposed Amount	Details of Seed Money Distribution (Amount in Lacs)					Grant-in aid under Funding for major activities		
				Total Amount	Seed Money for SHGs	Nos. of SHGs for Seed Money	Seed Money For Individuals	Nos. of Individuals	Project Cost	Grant in-aid @ Rs. 50% or Rs. 2.00 Lacs whichever is less	Bank Loan
1	Bharari	752	2.2560	1.5792	1.4213	6	0.1579	2		0.6768	
2	Jogaeal	3254	9.7620	6.8334	6.1501	25	0.6833	7		2.9286	
3	Parshoi	844	2.5320	1.7724	1.5952	7	0.1772	2		0.7596	
<b>Total :</b>		<b>4850.00</b>	<b>14.5500</b>	<b>10.1850</b>	<b>9.1665</b>	<b>38</b>	<b>1.0185</b>	<b>11</b>	<b>0</b>	<b>4.3650</b>	<b>0</b>



<b>Annual Action Plan (AAP) IVth Year For Seed Money Distribution to SHGs/Individuals and Grant-in-aid Under Livelihood Component of Project Area Under Jugail-I, IWMP-V District- Sonbhadra Phy.in : Nos. and Fin. : in Lakhs</b>											
S. No.	Name of WC	Project Area in ha.	Proposed Amount	Details of Seed Money Distribution (Amount in Lacs)					Grant-in aid under Funding for major activities		
				Total Amount	Seed Money for SHGs	Nos. of SHGs for Seed Money	Seed Money For Individuals	Nos. of Individuals	Project Cost	Grant in-aid @ Rs. 50% or Rs. 2.00 Lacs whichever is less	Bank Loan
1	Bharari	752	2.2560	1.5792	1.4213	6	0.1579	2		0.6768	
2	Jogaeal	3254	9.7620	6.8334	6.1501	25	0.6833	7		2.9286	
3	Parshoi	844	2.5320	1.7724	1.5952	7	0.1772	2		0.7596	
<b>Total :</b>		<b>4850.00</b>	<b>14.550</b>	<b>10.185</b>	<b>9.167</b>	<b>38</b>	<b>1.019</b>	<b>11</b>	<b>0</b>	<b>4.365</b>	

<b>Annual Action Plan (AAP) Vth Year For Seed Money Distribution to SHGs/Individuals and Grant-in-aid Under Livelihood Component of Project Area Under Jugail-I, IWMP-V District- Sonbhadra Phy.in : Nos. and Fin. : in Lakhs</b>											
S. No.	Name of WC	Project Area in ha.	Proposed Amount	Details of Seed Money Distribution (Amount in Lacs)					Grant-in aid under Funding for major activities		
				Total Amount	Seed Money for SHGs	Nos. of SHGs for Seed Money	Seed Money For Individuals	Nos. of Individuals	Project Cost	Grant in-aid @ Rs. 50% or Rs. 2.00 Lacs whichever is less	Bank Loan
1	Bharari	752	2.7072	1.8950	1.7055	7	0.1895	2		0.8122	
2	Jogaeal	3254	11.7144	8.2001	7.3801	30	0.8200	9		3.5143	
3	Parshoi	844	3.0384	2.1269	1.9142	8	0.2127	2		0.9115	
<b>Total :</b>		<b>4850.00</b>	<b>17.4600</b>	<b>12.2220</b>	<b>10.9998</b>	<b>45</b>	<b>1.2222</b>	<b>13</b>	<b>0</b>	<b>5.2380</b>	<b>0</b>

Capacity Building Plan Under Livelihood Component of		Jugail-I, IWMP-V	District-	Sonbhadra
S. No.	Details of Programme	Preparatory phase ( 1st to IIInd Year)	work phase ( IIInd to IVth year)	Consolidation and withdrawal plan (Vth year)
	For SHGs			
1	Basic Orientation Programme	√		
i	Social Mobilization Programme	√		
ii	Identification of IGA and institutional arrangements for income generation activities, co-ordination and linkages	√		
iii	Mandatory training for SHGs	√		
iv	Gender Sensitization, equity, benefit sharing	√		
v	Exposure Visits	√		
2	Procedure and Management of Seed Money		√	√
3	EDP Training		√	√
4	Skill Training for Identified Activities of SHGs			√
5	Formation of Federation and its working and linkages			√
6	Management of Composite Loan and Grant-in-aid			√
7	PPP Model			√
8	Consolidation and Withdrawal Plan			√

Note: Financial Aspects for Implementing the above plan will be met under the component of Institutional & Capacity Building Plan at SHGs Level

Unit COST UNDER PSME in Rs. Lakhs/Unit											
S. No.	Particulars	Unit in ha/No.	Unit Cost in Lacs	Unit Size	No. of Farmer/ ha/No.	S. No.	Particulars	Unit in ha/No.	Unit Cost in Lacs	Unit Size	No. of Farmer/ ha/No.
1	<b>Crop Demonstration</b>					13	<b>Distribution of Agriculture Equipments</b>				
1.1	Perl Millets	ha	0.080	0.25	4	13.1	chaff cutter	No.	0.060	1	5
1.2	Pulses -Urd/Moong/ Arhar	ha	0.120	0.25	4	13.2	Sprayer	No.	0.030	1	5
1.3	Oil Seeds	ha	0.120	0.25	4	13.3	Winoing Fan	No.	0.030	1	5
1.4	Chia	ha	0.100	0.25	4	13.4	Drum Seeder	No.	0.080	1	5
1.5	Quinoa	ha	0.120	0.25	4	13.5	Cono Weeded	No.	0.014	1	5
2	<b>Vegetables</b>					13.6	Seed Treatment Drum	No.	0.020	1	5
2.1	Tomato/Brinjal/Okra/Shimla Mirch	ha	0.240	0.1	10	13.7	Irrigation Pipe	No.	0.040	1	5
2.2	Cauliflower/ Cabbage	ha	0.240	0.1	10	13.8	Portable Pump for Lift Irrigation	No.	0.240	1	5
2.3	Cucurbits	ha	0.120	0.1	10	14	<b>Micro-enterprises</b>				
2.4	Shakbhaji	ha	0.100	0.1	10	14.1	Mushroom Cultivation	No.	0.240	1	1
3	<b>Spices</b>					14.2	Apiculture	No.	0.240	1	1
3.1	Garlic/ Ginger/ Turmeric	ha	0.240	0.1	10	14.3	Fruit Preservation	No.	0.240	1	1
3.2	Coriander/ Methi/ Saunf/ Kalaunji	ha	0.120	0.1	10	14.4	Poultry	No.	0.200	1	1
3.3	Chilly	ha	0.200	0.1	10	14.5	Goatary	No.	0.200	1	1
4	<b>Floriculture</b>					14.6	Dairy Product	No.	0.240	1	5
4.1	Marry Gold	ha	0.240	0.1	10	14.7	Mini Dal Mill	No.	0.200	1	5
4.2	Deshi Gulab	ha	0.240	0.1	10	14.8	Daliya Making Machine	No.	0.200	1	5
5	Agro-forestry	ha	0.100	0.25	4	14.9	Grain Cleaner Cum Grader	No.	0.200	1	5
6	<b>Distribution of Various Kit</b>					14.10	Floor Separator	No.	0.240	1	5
6.1	IPM Kit	No.	0.020	1	1	14.11	Portable Charring Kiln	No.	0.080	1	5
6.2	Seed Kit	No.	0.005	1	1	14.12	UMMB Block	No.	0.100	1	5
6.3	Vegetable Kit	No.	0.002	1	1						
6.4	Fodder Kit	No.	0.005	1	1						
7	Fisheries	No.	0.100	1	1						
8	Singhade Ki Kheti	No.	0.050	1	1						
9	Plastic Tray Nursery	No.	0.050	1	1						
10	Low Tunnel House	No.	0.020	1	1						
11	Animal Health Camps	No.	0.100	1	60						
12	Distribution of Buck	No.	0.050	1	75						

ANNUAL ACTION PLAN AT A GLANCE OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER											Jugail-I, IWMP-V		District-		Sonbhadra					
S. No.	Particulars	Unit in ha/No.	Unit Cost in Lacs	1st Year		2nd Year		3rd Year		4th Year		5th Year		TOTAL						
				Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy in ha	No. of Farmer	Phy in No.	No. of Farmer	Total Farmers	Fin	
1	<b>Crop Demonstration</b>																			
1.1	Perl Millets	ha	0.080			9.00	0.72	15.00	1.20	0.00	0.00	0.00	0.00	24.00	96			96	1.920	
1.2	Pulses -Urd/Moong/ Arhar	ha	0.120			19.00	2.28	35.00	4.20	0.00	0.00	0.00	0.00	54.00	216			216	6.480	
1.3	Oil Seeds	ha	0.120			11.00	1.32	23.00	2.76	0.00	0.00	0.00	0.00	34.00	136			136	4.080	
1.4	Chia	ha	0.100			0.00	0.00	3.00	0.30	0.00	0.00	0.00	0.00	3.00	12			12	0.300	
1.5	Quinoa	ha	0.120			0.00	0.00	4.00	0.48	0.00	0.00	0.00	0.00	4.00	16			16	0.480	
2	<b>Vegetables</b>																			
2.1	Tomato/Brinjal/Okra/Shimla Mirch	ha	0.240			0.00	0.00	4.00	0.96	0.00	0.00	0.00	0.00	4.00	40			40	0.960	
2.2	Cauliflower/ Cabbage	ha	0.240			0.00	0.00	3.00	0.72	0.00	0.00	0.00	0.00	3.00	30			30	0.720	
2.3	Cucurbits	ha	0.120			0.00	0.00	2.70	0.32	0.00	0.00	0.00	0.00	2.70	27			27	0.324	
2.4	Shakbhaji	ha	0.100			0.00	0.00	2.70	0.27	0.00	0.00	0.00	0.00	2.70	27			27	0.270	
3	<b>Spices</b>																			
3.1	Garlic/ Ginger/ Turmeric	ha	0.240			0.00	0.00	2.00	0.48	0.00	0.00	0.00	0.00	2.00	20			20	0.480	
3.2	Coriander/ Methi/ Saunf/ Kalaunji	ha	0.120			0.00	0.00	2.00	0.24	0.00	0.00	0.00	0.00	2.00	20			20	0.240	
3.3	Chilly	ha	0.200			0.00	0.00	2.00	0.40	0.00	0.00	0.00	0.00	2.00	20			20	0.400	
4	<b>Floriculture</b>																			
4.1	Marry Gold	ha	0.240			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0			0	0.000	
4.2	Deshi Gulab	ha	0.240			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0			0	0.000	
5	Agro-forestry	ha	0.100			0.00	0.00	1.00	0.10	5.00	0.50	0.00	0.00	6.00	24			24	0.600	
6	<b>Distribution of Various Kit</b>																			
6.1	IPM Kit	No.	0.020			12	0.24	19	0.38	13	0.26	0	0.00				44	44	44	0.880
6.2	Seed Kit	No.	0.005			61	0.31	45	0.23	44	0.22	20	0.10				170	170	170	0.850
6.3	Vegetable Kit	No.	0.002			25	0.05	63	0.13	20	0.04	17	0.03				125	125	125	0.250
6.4	Fodder Kit	No.	0.005			21	0.11	17	0.09	14	0.07	10	0.05				62	62	62	0.310
7	<b>Fisheries</b>	No.	0.100			0	0.00	0	0.00	0	0.00	0	0.00				0	0	0	0.000
8	Singhade Ki Kheti	No.	0.050			0	0.00	0	0.00	0	0.00	0	0.00				0	0	0	0.000
9	Plastic Tray Nursery	No.	0.050			0	0.00	0	0.00	8	0.40	0	0.00				8	8	8	0.400
10	Low Tunnel House	No.	0.020			0	0.00	0	0.00	36	0.72	0	0.00				36	36	36	0.720
11	Animal Health Camps	No.	0.100			8	0.80	8	0.80	10	1.00	10	1.00				36	2160	2160	3.600
12	Distribution of Buck	No.	0.050			0	0.00	10	0.50	10	0.50	0	0.00				20	1500	1500	1.000
13	<b>Distribution of Agriculture Equipments</b>																			
13.1	chaff cutter	No.	0.060			0	0.00	0	0.00	9	0.54	6	0.36				15	75	75	0.900
13.2	Sprayer	No.	0.030			0	0.00	0	0.00	16	0.48	0	0.00				16	80	80	0.480
13.3	Winoing Fan	No.	0.030			0	0.00	0	0.00	18	0.54	20	0.60				38	190	190	1.140

ANNUAL ACTION PLAN AT A GLANCE OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER											Jugail-I, IWMP-V			District-		Sonbhadra				
S. No.	Particulars	Unit in ha/No.	Unit Cost in Lacs	1st Year		2nd Year		3rd Year		4th Year		5th Year		TOTAL						
				Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy in ha	No. of Farmer	Phy in No.	No. of Farmer	Total Farmers	Fin	
13.4	Drum Seeder	No.	0.080			0	0.00	0	0.00	8	0.64	0	0.00			8	40	40	0.640	
13.5	Cono Weeded	No.	0.014			0	0.00	0	0.00	40	0.56	14	0.20			54	270	270	0.756	
13.6	Seed Treatment Drum	No.	0.020			0	0.00	0	0.00	16	0.32	0	0.00			16	80	80	0.320	
13.7	Irrigation Pipe	No.	0.040			0	0.00	0	0.00	14	0.56	12	0.48			26	130	130	1.040	
13.8	Portable Pump for Lift Irrigation	No.	0.240			0	0.00	0	0.00	7	1.68	8	1.92			15	75	75	3.600	
<b>14</b>	<b>Micro-enterprises</b>																			
14.1	Mushroom Cultivation	No.	0.240			0	0.00	0	0.00	0	0.00	0	0.00			0	0	0	0.000	
14.2	Apiculture	No.	0.240			0	0.00	0	0.00	0	0.00	2	0.48			2	2	2	0.480	
14.3	Fruit Preservation	No.	0.240			0	0.00	0	0.00	3	0.72	6	1.44			9	9	9	2.160	
14.4	Poultry	No.	0.200			0	0.00	0	0.00	12	2.40	12	2.40			24	24	24	4.800	
14.5	Goatary	No.	0.200			0	0.00	0	0.00	12	2.40	30	6.00			42	42	42	8.400	
14.6	Dairy Product	No.	0.240			0	0.00	0	0.00	0	0.00	4	0.96			4	20	20	0.960	
14.7	Mini Dal Mill	No.	0.200			0	0.00	0	0.00	0	0.00	6	1.20			6	30	30	1.200	
14.8	Daliya Making Machine	No.	0.200			0	0.00	0	0.00	0	0.00	5	1.00			5	25	25	1.000	
14.9	Grain Cleaner Cum Grader	No.	0.200			0	0.00	0	0.00	0	0.00	12	2.40			12	60	60	2.400	
14.1	Floor Separator	No.	0.240			0	0.00	0	0.00	0	0.00	6	1.44			6	30	30	1.440	
14.11	Portable Charring Kiln	No.	0.080			0	0.00	0	0.00	0	0.00	9	0.72			9	45	45	0.720	
14.12	UMMB Block	No.	0.100			0	0.00	0	0.00	0	0.00	5	0.50			5	25	25	0.500	
<b>Total</b>						<b>5.820</b>		<b>14.550</b>		<b>14.55</b>		<b>23.280</b>	<b>143.40</b>	<b>684</b>	<b>813</b>	<b>5357</b>	<b>6041</b>	<b>58.200</b>		

At A Glance				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Jugail-I, IWMP-V		District-		Sonbhadra			
S. No.	Name of WC	Planned Area in ha	Amount in Lacs	Crop Demonstration										Vegetables							
				Perl Millets		Pulses - Urd/Moong/Arhar		Oil Seeds		Chia		Quinoa		Tomato/Brinjal/Okra/Shimla Mirch		Cauliflower/Cabbage		Cucurbits		Shakbhaji	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Bharari	752	9.024	3.5	0.28	7.5	0.9	3.5	0.42	1	0.1	1	0.12	0.5	0.12	0.5	0.12	0.5	0.06	0.5	0.05
2	Jogaeal	3254	39.048	16	1.28	38	4.56	26	3.12	1	0.1	2	0.24	3	0.72	2	0.48	2	0.24	2	0.2
3	Parshoi	844	10.128	4.5	0.36	8.5	1.02	4.5	0.54	1	0.1	1	0.12	0.5	0.12	0.5	0.12	0.2	0.024	0.2	0.02
<b>Total :</b>		4850.00	58.200	24	1.92	54	6.48	34	4.08	3	0.3	4	0.48	4	0.96	3	0.72	2.7	0.324	2.7	0.27

\* Please Refer Unit Cost Table for Actual Value

At A Glance				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Jugail-I, IWMP-V				District-		Sonbhadra				
S. No.	Name of WC	Planned Area in ha	Amount in Lacs	Spices						Floriculture				Agro-forestry		IPM Kit		Seed Kit		Vegetable Kit		Fodder Kit		Fisheries		Singhade Ki Kheti		Plastic Tray
				Garlic/ Ginger/ Turmeric		Coriander/ Methi/ Saunf/ Kalaunji		Chilly		Marry Gold		Deshi Gulab																
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
1	Bharari	752	9.024	0.5	0.12	0.5	0.06	0.5	0.1	0	0	0	0	1	0.1	7	0.14	40	0.2	38	0.076	16	0.08	0	0	0	0	2
2	Jogaéal	3254	39.048	1	0.24	1	0.12	1	0.2	0	0	0	0	4	0.4	25	0.5	74	0.37	54	0.108	26	0.13	0	0	0	0	4
3	Parshoi	844	10.128	0.5	0.12	0.5	0.06	0.5	0.1	0	0	0	0	1	0.1	12	0.24	56	0.28	33	0.066	20	0.1	0	0	0	0	2
<b>Total :</b>		4850.00	58.200	2	0.48	2	0.24	2	0.4	0	0	0	0	6	0.6	44	0.88	170	0.85	125	0.25	62	0.31	0	0	0	0	8

\* Please Refer Unit Cost Table for Actual Value

At A Glance				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Jugail-I, IWMP-V		District-		Sonbhadra						
S. No.	Name of WC	Planned Area in ha	Amount in Lacs	Nursery	Low Tunnel House		Animal Health Camps		Distribution of Buck		Mini Agriculture Equipments																	
											chaff cutter		Sprayer		Winoing Fan		Drum Seeder		Cono Weeded		Seed Treatment Drum		Irrigation Pipe		Portable Pump for Lift Irrigation		Mushroom Cultivation	
											Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Bharari	752	9.024	0.1	8	0.16	7	0.7	4	0.2	3	0.18	4	0.12	7	0.21	2	0.16	12	0.17	4	0.08	2	0.08	1	0.24	0	0
2	Jogaeal	3254	39.048	0.2	20	0.4	22	2.2	12	0.6	9	0.54	8	0.24	22	0.66	4	0.32	30	0.42	8	0.16	20	0.8	12	2.88	0	0
3	Parshoi	844	10.128	0.1	8	0.16	7	0.7	4	0.2	3	0.18	4	0.12	9	0.27	2	0.16	12	0.17	4	0.08	4	0.16	2	0.48	0	0
Total :		4850.00	58.200	0.4	36	0.72	36	3.6	20	1	15	0.9	16	0.48	38	1.14	8	0.64	54	0.76	16	0.32	26	1.04	15	3.6	0	0

\* Please Refer Unit Cost Table for Actual Value



At A Glance				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Jugail-I, IWMP-V		District-		Sonbhadra							
S. No.	Name of WC	Planned Area in ha	Amount in Lacs	Micro-enterprises																				TOTAL							
				Apiculture		Fruit Preservation		Poultry		Goatary		Dairy Product		Mini Dal Mill		Daliya Making Machine		Grain Cleaner Cum Grader		Floor Separator		Portable Charring Kiln								UMMB Block	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy in ha	No. of Farmer	Phy in No.	No. of Farmer	Total Farmers	Fin in Lakhs
1	Bharari	752	9.024	0	0	1	0.24	3	0.6	5	1	1	0.24	1	0.2	1	0.2	3	0.6	1	0.24	2	0.16	1	0.10	21.00	105	176	1132	1237	9.024
2	Jogaeal	3254	39.048	1	0.24	6	1.44	18	3.6	33	6.6	2	0.48	4	0.8	3	0.6	6	1.2	4	0.96	5	0.40	3	0.30	99.00	468	435	1483	1951	39.048
3	Parshoi	844	10.128	1	0.24	2	0.48	3	0.6	4	0.8	1	0.24	1	0.2	1	0.2	3	0.6	1	0.24	2	0.16	1	0.10	23.40	111	202	148	259	10.128
<b>Total :</b>		4850.00	58.200	2	0.48	9	2.16	24	4.8	42	8.4	4	0.96	6	1.2	5	1	12	2.4	6	1.44	9	0.72	5	0.5	<b>143.40</b>	<b>684</b>	<b>813</b>	<b>2763</b>	<b>3447</b>	<b>58.200</b>

\* Please Refer Unit Cost Table for Actual Value

IInd Year (Phy. In ha & No.)				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Jugail-I, IWMP-V		District-		Sonbhadra			
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Crop Demonstration										Vegetables							
				Perl Millets		Pulses - Urd/Moong/Arhar		Oil Seeds		Chia		Quinoa		Tomato/Brinjal/Okra/Shimla Mirch		Cauliflower/Cabbage		Cucurbits		Shakbhaji	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Bharari	752	0.902	1.50	0.120	2.50	0.300	1.50	0.180	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
2	Jogaal	3254	3.905	6.00	0.480	14.00	1.680	8.00	0.960	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
3	Parshoi	844	1.013	1.50	0.120	2.50	0.300	1.50	0.180	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<b>TOTAL :</b>		<b>4850</b>	<b>5.820</b>	9.00	0.720	19.00	2.280	11.00	1.320	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0	0.000	0	0.000

\* Please Refer Unit Cost Table for Actual Value

IInd Year (Phy. In ha & No.)				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Jugail-I, IWMP-V				District-		Sonbhadra			
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Spices						Floriculture				Agro-forestry		IPM Kit		Seed Kit		Vegetable Kit		Fodder Kit		Fisheries		Singhade Ki Kheti	
				Garlic/ Ginger/ Turmeric		Coriander/ Methi/ Saunf/ Kalaunji		Chilly		Marry Gold		Deshi Gulab															
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Bharari	752	0.902	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2	0.040	7	0.035	6	0.012	3	0.015	0	0.000	0	0.000
2	Jogaeal	3254	3.905	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	7	0.140	35	0.175	10	0.020	10	0.050	0	0.000	0	0.000
3	Parshoi	844	1.013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	3	0.060	19	0.095	9	0.018	8	0.040	0	0.000	0	0.000
<b>TOTAL :</b>		<b>4850</b>	<b>5.820</b>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	12	0.240	61	0.305	25	0.050	21	0.105	0	0.000	0	0.000

\* Please Refer Unit Cost Table for Actual Value

IInd Year (Phy. In ha & No.)				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Jugail-I, IWMP-V		District-		Sonbhadra									
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Plastic Tray Nursery		Low Tunnel House		Animal Health Camps		Distribution of Buck		Mini Agriculture Equipments																					
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	chaff cutter		Sprayer		Winoing Fan		Drum Seeder		Cono Weeded		Seed Treatment Drum		Irrigation Pipe		Portable Pump for Lift Irrigation		Mushroom Cultivation					
												Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Bharari	752	0.902	0	0.000	0	0.000	2	0.200	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
2	Jogaeal	3254	3.905	0	0.000	0	0.000	4	0.400	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
3	Parshoi	844	1.013	0	0.000	0	0.000	2	0.200	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
<b>TOTAL :</b>		<b>4850</b>	<b>5.820</b>	0	0.000	0	0.000	8	0.800	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00

\* Please Refer Unit Cost Table for Actual Value

IInd Year (Phy. In ha & No.)				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Jugail-I, IWMP-V		District-		Sonbhadra									
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Micro-enterprises																								TOTAL					
				Apiculture		Fruit Preservation		Poultry		Goatary		Dairy Product		Mini Dal Mill		Daliya Making Machine		Grain Cleaner Cum Grader		Floor Separator		Portable Charring Kiln		UMMB Block									
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy in ha	No. of Farmer	Phy in No.	No. of Farmer	Total Farmers	Fin in Lakhs
1	Bharari	752	0.902	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	5.50	22	20	140	162	0.902		
2	Jogaeal	3254	3.905	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	28.00	112	66	366	478	3.905		
3	Parshoi	844	1.013	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	5.50	22	41	41	63	1.013		
<b>TOTAL :</b>		<b>4850</b>	<b>5.820</b>	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	<b>39.00</b>	<b>156</b>	<b>127</b>	<b>547</b>	<b>703</b>	<b>5.820</b>		

\* Please Refer Unit Cost Table for Actual Value

IIIrd Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Jugail-I, IWMP-V		District-		Sonbhadra			
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Crop Demonstration										Vegetables							
				Perl Millets		Pulses - Urd/Moong/Arhar		Oil Seeds		Chia		Quinoa		Tomato/Brinjal/Okra/Shimla Mirch		Cauliflower/Cabbage		Cucurbits		Shakbhaji	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Bharari	752	2.256	2.00	0.160	5.00	0.600	2.00	0.240	1	0.100	1	0.120	0.5	0.120	0.5	0.120	0.5	0.060	0.5	0.050
2	Jogaeal	3254	9.762	10.00	0.800	24.00	2.880	18.00	2.160	1	0.100	2	0.240	3	0.720	2	0.480	2	0.240	2	0.200
3	Parshoi	844	2.532	3.00	0.240	6.00	0.720	3.00	0.360	1	0.100	1	0.120	0.5	0.120	0.5	0.120	0.2	0.024	0.2	0.020
<b>TOTAL :</b>		<b>4850</b>	<b>14.550</b>	15.00	1.200	35.00	4.200	23.00	2.760	3.00	0.300	4.00	0.480	4.00	0.960	3.00	0.720	2.7	0.324	2.7	0.270

\* Please Refer Unit Cost Table for Actual Value

Illrd Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Jugail-I, IWMP-V				District-		Sonbhadra			
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Spices						Floriculture				Agro-forestry		IPM Kit		Seed Kit		Vegetable Kit		Fodder Kit		Fisheries		Singhade Ki Kheti	
				Garlic/ Ginger/ Turmeric		Coriander/ Methi/ Saunf/ Kalaunji		Chilly		Marry Gold		Deshi Gulab															
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Bharari	752	2.256	0.5	0.120	0.5	0.060	0.5	0.100	0	0.000	0	0.000	0	0.000	3	0.060	16	0.080	18	0.036	6	0.030	0	0.000	0	0.000
2	Jogaeal	3254	9.762	1	0.240	1	0.120	1	0.200	0	0.000	0	0.000	1	0.100	10	0.200	17	0.085	31	0.062	7	0.035	0	0.000	0	0.000
3	Parshoi	844	2.532	0.5	0.120	0.5	0.060	0.5	0.100	0	0.000	0	0.000	0	0.000	6	0.120	12	0.060	14	0.028	4	0.020	0	0.000	0	0.000
<b>TOTAL :</b>		<b>4850</b>	<b>14.550</b>	2	0.480	2	0.240	2	0.400	0	0.000	0	0.000	1	0.100	19	0.380	45	0.225	63	0.126	17	0.085	0	0.000	0	0.000

\* Please Refer Unit Cost Table for Actual Value

Illrd Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Jugail-I, IWMP-V		District-		Sonbhadra									
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Plastic Tray Nursery		Low Tunnel House		Animal Health Camps		Distribution of Buck		Mini Agriculture Equipments																					
				chaff cutter		Sprayer		Winoing Fan		Drum Seeder		Cono Weeded		Seed Treatment Drum		Irrigation Pipe		Portable Pump for Lift Irrigation		Mushroom Cultivation													
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin				
1	Bharari	752	2.256	0	0.000	0	0.000	1	0.100	2	0.100	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
2	Jogaeal	3254	9.762	0	0.000	0	0.000	6	0.600	6	0.300	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
3	Parshoi	844	2.532	0	0.000	0	0.000	1	0.100	2	0.100	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
<b>TOTAL :</b>		<b>4850</b>	<b>14.550</b>	0	0.000	0	0.000	8	0.800	10	0.500	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00

\* Please Refer Unit Cost Table for Actual Value



IIIrd Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																				Jugail-I, IWMP-V		District-		Sonbhadra					
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Micro-enterprises																								TOTAL					
				Apiculture		Fruit Preservation		Poultry		Goatary		Dairy Product		Mini Dal Mill		Daliya Making Machine		Grain Cleaner Cum Grader		Floor Separator		Portable Charring Kiln		UMMB Block									
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy in ha	No. of Farmer	Phy in No.	No. of Farmer	Total Farmers	Fin in Lakhs
1	Bharari	752	2.256	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	14.50	79	46	314	393	2.256		
2	Jogaal	3254	9.762	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	68.00	344	77	371	715	9.762		
3	Parshoi	844	2.532	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	16.90	85	39	37	122	2.532		
<b>TOTAL :</b>		<b>4850</b>	<b>14.550</b>	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	<b>99.40</b>	<b>508</b>	<b>162</b>	<b>722</b>	<b>1230</b>	<b>14.550</b>		

\* Please Refer Unit Cost Table for Actual Value

IVth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Jugail-I, IWMP-V		District-		Sonbhadra			
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Crop Demonstration										Vegetables							
				Perl Millets		Pulses - Urd/Moong/Arhar		Oil Seeds		Chia		Quinoa		Tomato/Brinjal/Okra/Shimla Mirch		Cauliflower/Cabbage		Cucurbits		Shakbhaji	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Bharari	752	2.256	0.00	0.000	0.00	0.000	0.00	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
2	Jogaeal	3254	9.762	0.00	0.000	0.00	0.000	0.00	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
3	Parshoi	844	2.532	0.00	0.000	0.00	0.000	0.00	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<b>TOTAL :</b>		<b>4850</b>	<b>14.550</b>	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0	0.000	0	0.000

\* Please Refer Unit Cost Table for Actual Value

IVth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER												Jugail-I, IWMP-V				District-		Sonbhadra					
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Spices						Floriculture				Agro-forestry		IPM Kit		Seed Kit		Vegetable Kit		Fodder Kit		Fisheries		Singhade Ki Kheti	
				Garlic/ Ginger/ Turmeric		Coriander/ Methi/ Saunf/ Kalaunji		Chilly		Marry Gold		Deshi Gulab															
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Bharari	752	2.256	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	1	0.100	2	0.040	12	0.060	8	0.016	4	0.020	0	0.000	0	0.000
2	Jogaeal	3254	9.762	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	3	0.300	8	0.160	16	0.080	6	0.012	6	0.030	0	0.000	0	0.000
3	Parshoi	844	2.532	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	1	0.100	3	0.060	16	0.080	6	0.012	4	0.020	0	0.000	0	0.000
<b>TOTAL :</b>		<b>4850</b>	<b>14.550</b>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	5	0.500	13	0.260	44	0.220	20	0.040	14	0.070	0	0.000	0	0.000

\* Please Refer Unit Cost Table for Actual Value

IVth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Jugail-I, IWMP-V		District-		Sonbhadra					
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Mini Agriculture Equipments																									
				Plastic Tray Nursery		Low Tunnel House		Animal Health Camps		Distribution of Buck		chaff cutter		Sprayer		Winoing Fan		Drum Seeder		Cono Weeded		Seed Treatment Drum		Irrigation Pipe		Portable Pump for Lift Irrigation		Mushroom Cultivation	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Bharari	752	2.256	2	0.100	8	0.160	2	0.200	2	0.100	2	0.12	4	0.12	4	0.12	2	0.16	10	0.14	4	0.08	2	0.08	1	0.24	0	0.00
2	Jogaeal	3254	9.762	4	0.200	20	0.400	6	0.600	6	0.300	5	0.30	8	0.24	10	0.30	4	0.32	20	0.28	8	0.16	10	0.40	5	1.20	0	0.00
3	Parshoi	844	2.532	2	0.100	8	0.160	2	0.200	2	0.100	2	0.12	4	0.12	4	0.12	2	0.16	10	0.14	4	0.08	2	0.08	1	0.24	0	0.00
<b>TOTAL :</b>		<b>4850</b>	<b>14.550</b>	8	0.400	36	0.720	10	1.000	10	0.500	9	0.54	16	0.48	18	0.54	8	0.64	40	0.56	16	0.32	14	0.56	7	1.68	0	0.00

\* Please Refer Unit Cost Table for Actual Value

IVth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Jugail-I, IWMP-V		District-		Sonbhadra									
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Micro-enterprises																								TOTAL					
				Apiculture		Fruit Preservation		Poultry		Goatary		Dairy Product		Mini Dal Mill		Daliya Making Machine		Grain Cleaner Cum Grader		Floor Separator		Portable Charring Kiln		UMMB Block									
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy in ha	No. of Farmer	Phy in No.	No. of Farmer
1	Bharari	752	2.256	0	0.00	0	0.00	1	0.20	1	0.20	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1.00	4	71	455	459	2.256
2	Jogaeal	3254	9.762	0	0.00	2	0.48	10	2.00	10	2.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3.00	12	164	388	400	9.762
3	Parshoi	844	2.532	0	0.00	1	0.24	1	0.20	1	0.20	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1.00	4	75	44	48	2.532
<b>TOTAL :</b>		<b>4850</b>	<b>14.550</b>	0	0.00	3	0.72	12	2.40	12	2.40	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	<b>5.00</b>	<b>20</b>	<b>310</b>	<b>887</b>	<b>907</b>	<b>14.550</b>

\* Please Refer Unit Cost Table for Actual Value

Vth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Jugail-I, IWMP-V		District-		Sonbhadra			
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Crop Demonstration										Vegetables							
				Perl Millets		Pulses - Urd/Moong/Arhar		Oil Seeds		Chia		Quinoa		Tomato/Brinjal/Okra/Shimla Mirch		Cauliflower/Cabbage		Cucurbits		Shakbhaji	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Bharari	752	3.610	0.00	0.000	0.00	0.000	0.00	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
2	Jogaeal	3254	15.619	0.00	0.000	0.00	0.000	0.00	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
3	Parshoi	844	4.051	0.00	0.000	0.00	0.000	0.00	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<b>TOTAL :</b>		<b>4850</b>	<b>23.280</b>	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0	0.000	0	0.000

\* Please Refer Unit Cost Table for Actual Value

Vth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Jugail-I, IWMP-V		District-		Sonbhadra					
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Spices						Floriculture				Agro-forestry		IPM Kit		Seed Kit		Vegetable Kit		Fodder Kit		Fisheries		Singhade Ki Kheti	
				Garlic/ Ginger/ Turmeric		Coriander/ Methi/ Saunf/ Kalaunji		Chilly		Marry Gold		Deshi Gulab															
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Bharari	752	3.610	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	5	0.025	6	0.012	3	0.015	0	0.000	0	0.000
2	Jogaeal	3254	15.619	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	6	0.030	7	0.014	3	0.015	0	0.000	0	0.000
3	Parshoi	844	4.051	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	9	0.045	4	0.008	4	0.020	0	0.000	0	0.000
<b>TOTAL :</b>		<b>4850</b>	<b>23.280</b>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	20	0.100	17	0.034	10	0.050	0	0.000	0	0.000

\* Please Refer Unit Cost Table for Actual Value

Vth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Jugail-I, IWMP-V		District-		Sonbhadra					
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Plastic Tray Nursery		Low Tunnel House		Animal Health Camps		Distribution of Buck		Mini Agriculture Equipments																	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	chaff cutter		Sprayer		Winoing Fan		Drum Seeder		Cono Weeded		Seed Treatment Drum		Irrigation Pipe		Portable Pump for Lift Irrigation		Mushroom Cultivation	
												Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Bharari	752	3.610	0	0.000	0	0.000	2	0.200	0	0.000	1	0.06	0	0.00	3	0.09	0	0.00	2	0.03	0	0.00	0	0.00	0	0.00	0	0.00
2	Jogaeal	3254	15.619	0	0.000	0	0.000	6	0.600	0	0.000	4	0.24	0	0.00	12	0.36	0	0.00	10	0.14	0	0.00	10	0.40	7	1.68	0	0.00
3	Parshoi	844	4.051	0	0.000	0	0.000	2	0.200	0	0.000	1	0.06	0	0.00	5	0.15	0	0.00	2	0.03	0	0.00	2	0.08	1	0.24	0	0.00
<b>TOTAL :</b>		<b>4850</b>	<b>23.280</b>	0	0.000	0	0.000	10	1.000	0	0.000	6	0.36	0	0.00	20	0.60	0	0.00	14	0.20	0	0.00	12	0.48	8	1.92	0	0.00

\* Please Refer Unit Cost Table for Actual Value



Vth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Jugail-I, IWMP-V		District-		Sonbhadra							
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Micro-enterprises																				TOTAL							
				Apiculture		Fruit Preservation		Poultry		Goatary		Dairy Product		Mini Dal Mill		Daliya Making Machine		Grain Cleaner Cum Grader		Floor Separator		Portable Charring Kiln								UMMB Block	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy in ha	No. of Farmer	Phy in No.	No. of Farmer
1	Bharari	752	3.610	0	0.00	1	0.24	2	0.40	4	0.80	1	0.24	1	0.20	1	0.20	3	0.60	1	0.24	2	0.16	1	0.10	0.00	0	39	223	223	3.610
2	Jogaeal	3254	15.619	1	0.24	4	0.96	8	1.60	23	4.60	2	0.48	4	0.80	3	0.60	6	1.20	4	0.96	5	0.40	3	0.30	0.00	0	128	358	358	15.619
3	Parshoi	844	4.051	1	0.24	1	0.24	2	0.40	3	0.60	1	0.24	1	0.20	1	0.20	3	0.60	1	0.24	2	0.16	1	0.10	0.00	0	47	26	26	4.051
<b>TOTAL :</b>		<b>4850</b>	<b>23.280</b>	2	0.48	6	1.44	12	2.40	30	6.00	4	0.96	6	1.20	5	1.00	12	2.40	6	1.44	9	0.72	5	0.50	<b>0.00</b>	<b>0</b>	<b>214</b>	<b>607</b>	<b>607</b>	<b>23.280</b>

\* Please Refer Unit Cost Table for Actual Value

At A Glance		Convergence Programme Under the Component of PSME under the Project of Jugail-I, IWMP-V District- Sonbhadra (Phy in Nos. Fin. In Lakhs)																													
S.No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation-Sprinkler		Micro Irrigation-Drip		Poly House		Agro Shed Net House		Total				
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	
1	Bharari	752.00	12	1.08	12	0.96	0	0	7	2.45	6	2.4	12	0.24	0	0	12	0.24	0	0	0	0	0	0	0	0	0	0	0	61	7.370
2	Jogaeal	3254.0	48	4.32	48	3.84	19	8.55	18	6.3	14	5.6	48	0.96	21	7.35	48	0.96	0	0	0	0	2	0	2	0	268	37.880			
3	Parshoi	844.00	16	1.44	16	1.28	8	3.6	7	2.45	5	2	16	0.32	9	3.15	16	0.32	0	0	0	0	1	0	1	0	95	14.560			
<b>Total</b>		<b>4850.00</b>	<b>76</b>	<b>6.84</b>	<b>76</b>	<b>6.08</b>	<b>27</b>	<b>12.15</b>	<b>32</b>	<b>11.20</b>	<b>25</b>	<b>10.00</b>	<b>76</b>	<b>1.52</b>	<b>30</b>	<b>10.50</b>	<b>76</b>	<b>1.52</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>3</b>	<b>0.00</b>	<b>3</b>	<b>0.00</b>	<b>424</b>	<b>59.81</b>			

IInd Year		Convergence Programme Under the Component of PSME under the Project of Jugail-I, IWMP-V District- Sonhadra (Phy in Nos. Fin. In Lakhs)																											
S. No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation-Sprinkler		Micro Irrigation-Drip		Poly House		Agro Shed Net House		Total		
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.
1	Bharari	752	3	0.27	3	0.24	0	0	0	0	2	0.80	3	0.06	0	0	3	0.06	0	0.00	0	0.00	0	0.00	0	0.00	14	1.43	
2	Jogaeal	3254	12	1.08	12	0.96	0	0	0	0	4	1.60	12	0.24	0	0	12	0.24	0	0.00	0	0.00	0	0.00	0	0.00	52	4.12	
3	Parshoi	844	4	0.36	4	0.32	0	0	0	0	2	0.80	4	0.08	0	0	4	0.08	0	0.00	0	0.00	0	0.00	0	0.00	18	1.64	
	<b>Total</b>	<b>4850</b>	<b>19</b>	<b>1.71</b>	<b>19</b>	<b>1.52</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>3.20</b>	<b>19</b>	<b>0.38</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>0.38</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>84</b>	<b>7.19</b>	

Illrd Year		Convergence Programme Under the Component of PSME under the Project of Jugail-I, IWMP-V District- Sonbhadra (Phy in Nos. Fin. In Lakhs)																												
S.No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation-Sprinkler		Micro Irrigation-Drip		Poly House		Agro Shed Net House		Total			
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
1	Bharari	752	3	0.27	3	0.24	0	0	2	0.7	2	0.80	3	0.06	0	0	3	0.06	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	16	2.13
2	Jogaeal	3254	12	1.08	12	0.96	5	2.25	6	2.1	6	2.40	12	0.24	7	2.45	12	0.24	0	0.00	0	0.00	1	0.00	1	0.00	74	11.7		
3	Parshoi	844	4	0.36	4	0.32	2	0.9	2	0.7	2	0.80	4	0.08	3	1.05	4	0.08	0	0.00	0	0.00	1	0.00	1	0.00	27	4.29		
<b>Total</b>		<b>4850.00</b>	<b>19</b>	<b>1.71</b>	<b>19</b>	<b>1.52</b>	<b>7</b>	<b>3.15</b>	<b>10</b>	<b>3.5</b>	<b>10</b>	<b>4.00</b>	<b>19</b>	<b>0.38</b>	<b>10</b>	<b>3.5</b>	<b>19</b>	<b>0.38</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>2</b>	<b>0.00</b>	<b>2</b>	<b>0.00</b>	<b>117</b>	<b>18.14</b>		

IVth Year		Convergence Programme Under the Component of PSME under the Project of Jugail-I, IWMP-V District- Sonbhadra (Phy in Nos. Fin. In Lakhs)																												
S.No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation-Sprinkler		Micro Irrigation-Drip		Poly House		Agro Shed Net House		Total			
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.		
1	Bharari	752	3	0.27	3	0.24	0	0	3	1.05	0	0.00	3	0.06	0	0	3	0.06	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	15	1.68
2	Jogaeal	3254	12	1.08	12	0.96	7	3.15	8	2.8	0	0.00	12	0.24	7	2.45	12	0.24	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	70	10.9
3	Parshoi	844	4	0.36	4	0.32	3	1.35	4	1.4	0	0.00	4	0.08	3	1.05	4	0.08	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	26	4.64
<b>Total</b>		<b>4850.00</b>	<b>19</b>	<b>1.71</b>	<b>19</b>	<b>1.52</b>	<b>10</b>	<b>4.50</b>	<b>15</b>	<b>5.25</b>	<b>0</b>	<b>0.00</b>	<b>19</b>	<b>0.38</b>	<b>10</b>	<b>3.50</b>	<b>19</b>	<b>0.38</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>111</b>	<b>17.24</b>

Vth Year		Convergence Programme Under the Component of PSME under the Project of Jugail-I, IWMP-V District- Sonbhadra (Phy in Nos. Fin. In Lakhs)																												
S. No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation- Sprinkler		Micro Irrigation- Drip		Poly House		Agro Shed Net House		Total			
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.		
1	Bharari	752	3	0.27	3	0.24	0	0	2	0.7	2	0.80	3	0.06	0	0	3	0.06	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	16	2.13
2	Jogaeal	3254	12	1.08	12	0.96	7	3.15	4	1.4	4	1.60	12	0.24	7	2.45	12	0.24	0	0.00	0	0.00	1	0.00	1	0.00	72	11.12		
3	Parshoi	844	4	0.36	4	0.32	3	1.35	1	0.35	1	0.40	4	0.08	3	1.05	4	0.08	0	0.00	0	0.00	0	0.00	0	0.00	24	3.99		
<b>Total</b>		<b>4850.00</b>	19	1.71	19	1.52	10	4.50	7	2.45	7	2.80	19	0.38	10	3.50	19	0.38	0	0.00	0	0.00	1	0.00	1	0.00	112	17.24		

<b>Problem Thrust Area of Production System in the Project Area of</b>		
<b>Jugail-I, IWMP-V</b>		<b>District- Sonbhadra</b>
<b>S.No.</b>	<b>Production System</b>	
	<b>Problem Thrust Area</b>	<b>Proposed Intervention</b>
1	Cluster of IWMP-I Project area lacks the high value agro forestry plantations and the existing plantations do not have technical & developmental support.	Soil and water conservation, watershed management
2	Non-mechanised farming system	Distribution of Agriculture Equipments/Pumps
3	Use of local varieties and impure seed materials	Integrated Weed management in different crops (Distribution of Weeder).
4	No seed treatments	Availability, distribution and production of quality seeds
5	Broadcast sowing	Use of bio-fertilizers and fertilizers scheduling for oil seeds, pulses and other crops.
6	Imbalance use of fertilizer and its placement.	Introduction of nursery management and orchard management
7	No use of Bio-fertilizer and Bio-pesticides	Promoting farmers to grow medicinal plants
8	Unavailability of irrigation facilities .	Need of conducting employment-generating trainings
9	Practice of mono cropping system.	Need of creating awareness regarding excessive chemical use in agriculture.
10	Unawareness of newly recommended varieties of crops for Bundelkhand region	Need of conducting trainings of scientific agricultural activities for practicing
11	Poor water management & poor plant protection measures.	farmers/farm women.
12	High yielding varieties suited to land condition are not available.	Need of formation of farmers clubs.
13	Increased Soil Erosion	Use of high yielding variety seeds
14	Inadequate & untimely support services.	Fertilizer application as per soil analysis report/Soil Testing
15	Soil becoming infertile	Promote organic farming/green manuring.
16	Uneven topography	Growing of crops on the basis of crop rotation
17	Weak infrastructure	Proper seed treatment
18	Water table becoming lower	Line sowing & weed management
19	Inadequate knowledge of improved technology	Popularizing use of sulphur in oilseed/ Pulses crop
20	Untimely fertilizer availability	Motivation of farmers to Diversified farming
21	Improper sowing technique	Promoting IPM, IDM and INM in crop production System
22	Improper crop rotation	Awareness about health and value addition of fruits and vegetables.
23	Weed infestation	Ensure availability of quality seeds/seedlings/planting materials.
24	Low relative profitability from farming	Popularization of high yielding varieties suited to sodic conditions
25	Rainfed Agriculture Area	Popularization of Green manuring, Vermi compost and NADEP compost to nourish the soil.
26	Non-availability of Quality Horticulture/Agro Plants	Seed treatment with fungicides, insecticides & rhizobium culture.

Capacity Building Plan Under Production System & Micro Enterprises of				
Jugail-I, IWMP-V		District- Sonbhadra		
S. No.	Details of Programme	Preparatory phase (I st to IInd Year)	work phase (IIInd to IVth year)	Consolidation and withdrawal plan (Vth year)
1	<b>Basic Orintation Programme</b>	√		
2	Mechansation of Production System	√		
3	Advanced Agriculture Practices			
i	Soil Testing		√	
ii	Balanced Dose of Fertilizer		√	
iii	Seed Treatment		√	
iv	IPM, INM Practices		√	
v	Weed Management : Chemical/Mechanical		√	
vi	Seed Production and Multiplication of Seeds		√	
4	Farming System Improvements		√	
5	Organic Farming : Vermi/Nadep Compost, Green Manuring, Use of Bio-fertilizer		√	
6	Agro-Forestry/Horticulture		√	
i	Scope of Vegitable and Fruit Production		√	
ii	Kitchen Garden		√	
7	Post Harvest Management		√	
8	Nursery Raising		√	
9	<b>Livestock Development</b>		√	
i	Livestock Production : Milk Production, Egg Production, Meat Production		√	
ii	Animal Health Camps		√	
iii	AI / Vaccination		√	
iv	Mineral and Mixtures		√	
v	Deworming		√	
vi	Health Check-up		√	
vii	Breed Replacement		√	
viii	Breed Improvement		√	
ix	Feed Management		√	
x	Fodder Production Management		√	
10	<b>Micro-enterprises</b>			
i	Skill Training for Micro-enterprises			√
ii	Value Addition/Agro Procesing, Packaging and Marketing			√
iii	Backward and Forward Linkages			√
iv	Record Keeping, Quality Control and Business Promotion			√
11	<b>Miscs.</b>			
	Exposure Visits of Farmers		√	√
	Within district @ 5 farmers per Microwatershed 15		√	√
	Out of district but within state @ 3 farmers per Microwatershed 15		√	√
	Out of State @ 1 farmers per Microwatershed 15		√	√
	Pre and Post Crop GoshthiField Day		√	√

Note: Financial Aspects for Implementing the above plan will be met under the component of Institutional & Capacity Building Plan at Users Group & Others Level



<b>Unit Cost/Estimate of Horticulture Plantation (Fruit Plantation) in Rs./ha</b>					
S. No.	Horticulture Plantation	Plant to Plant Spacing	Row to row spacing	No. of Plants/ha	Cost of Plantation in Rs.
1	Mango	10	10	100	<b>rs. 20000/ha</b>
2	Guava	6	6	278	
3	Amala	6	6	278	
4	Lemmon/Ber/Bale	6	6	278	
5	Sharifa	6	6	278	
6	Anar	6	6	278	
<b>Above Cost include the following items :-</b>					
1	Planting Material		<b>Cost of Afforestation in Rs. 10000/ha</b>		
2	Compost				
3	Irrigation/Watering		Mahuwa	Babool	Amaltas
4	Fertilizer/ Bio-fertilizer		Jamun	Su Babool	Palm
5	Maint. In 1st Year		Kahal	Sahjan	Gulmohar
6	Maint. In 2nd Year		Pakad	Bamboo	Teak
7	Maint. In 3rd Year		Peepal	Ashok	Popular
8	Display Board		Gular	Kadamb	Gular
			Neem	Kachnar	
1	Mary Gold				24000
2	Deshi Gulab				24000
3	IPM Kit				2000
<b>Scattered Plantation :-</b>		@ Rs. 40/- Plant for Horticulture Plantation.			
		@ Rs.20/- per Plant for Timber, Fuel and Fodder Plantation			
		(inclusive of all costs comprising cost of plant, transportation,			
		advance work, plantation, SMC, casualty replacement, protection, awareness and overheads)			

<b>At A Glance</b>		<b>Physical Financial Details of Land Development Activities under the Component of WDW</b>										
		<b>Jugail-I, IWMP-V</b>				<b>District- Sonbhadra</b>				<b>(Phy. In ha/Nos.-Fin in Lakhs)</b>		
<b>S.No.</b>	<b>Name of WC</b>	<b>Block Plantation (in ha)</b>				<b>Scattered Plantation (in Nos.)</b>				<b>Total</b>		
		<b>Aff</b>		<b>Hort</b>		<b>Aff</b>		<b>Hort</b>		<b>Phy</b>		<b>Fin</b>
		<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>in ha</b>	<b>in No.</b>	
1	Bharari	9.00	0.90	17.75	3.55	630.00	0.13	1525.00	0.61	26.75	2155	5.19
2	Jogaeal	35.00	3.50	72.00	14.40	2500.00	0.50	4640.00	1.86	107.00	7140	20.26
3	Parshoi	11.25	1.13	20.00	4.00	860.00	0.17	895.00	0.36	31.25	1755	5.66
<b>Total :</b>		<b>55.25</b>	<b>5.53</b>	<b>109.75</b>	<b>21.95</b>	<b>3990</b>	<b>0.80</b>	<b>7060</b>	<b>2.82</b>	<b>165.00</b>	<b>11050</b>	<b>31.10</b>

IInd Year		Physical Financial Details of Land Development Activities under the Component of WDW										
Jugail-I, IWMP-V		District-				Sonbhadra				(Phy. In ha/Nos.-Fin in Lakhs)		
S.No.	Name of WC	Block Plantation (in ha)				Scattered Plantation (in Nos.)				Total		
		Aff		Hort		Aff		Hort		Phy		Fin
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	in ha	in No.	
1	Bharari	1.50	0.15	2.75	0.55	110	0.022	225	0.090	4.25	335	0.81
2	Jogaeal	5.00	0.50	12.00	2.40	400	0.080	600	0.240	17.00	1000	3.22
3	Parshoi	2.00	0.20	3.00	0.60	200	0.040	175	0.070	5.00	375	0.91
<b>Total :</b>		<b>8.50</b>	<b>0.850</b>	<b>17.75</b>	<b>3.550</b>	<b>710</b>	<b>0.14</b>	<b>1000</b>	<b>0.40</b>	<b>26.25</b>	<b>1710</b>	<b>4.94</b>

IIIrd Year		Physical Financial Details of Land Development Activities under the Component of WDW										
Jugail-I, IWMP-V		District-				Sonbhadra				(Phy. In ha/Nos.-Fin in Lakhs)		
S.No.	Name of WC	Block Plantation (in ha)				Scattered Plantation (in Nos.)				Total		
		Aff		Hort		Aff		Hort		Phy		Fin
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	in ha	in No.	
1	Bharari	2.50	0.25	5.00	1.00	200	0.040	420	0.168	7.50	620	1.46
2	Jogaeal	10.00	1.00	20.00	4.00	800	0.160	1290	0.516	30.00	2090	5.68
3	Parshoi	3.00	0.30	6.00	1.20	250	0.050	215	0.086	9.00	465	1.64
<b>Total :</b>		<b>15.50</b>	<b>1.55</b>	<b>31.00</b>	<b>6.20</b>	<b>1250</b>	<b>0.25</b>	<b>1925</b>	<b>0.77</b>	<b>46.50</b>	<b>3175</b>	<b>8.77</b>

IVth Year		Physical Financial Details of Land Development Activities under the Component of WDW										
Jugail-I, IWMP-V		District-				Sonbhadra				(Phy. In ha/Nos.-Fin in Lakhs)		
S.No.	Name of WC	Block Plantation (in ha)				Scattered Plantation (in Nos.)				Total		
		Aff		Hort		Aff		Hort		Phy		Fin
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	in ha	in No.	
1	Bharari	2.50	0.25	5.00	1.00	160	0.032	440	0.176	7.50	600	1.46
2	Jogaeal	10.00	1.00	20.00	4.00	660	0.132	1380	0.552	30.00	2040	5.68
3	Parshoi	3.00	0.30	6.00	1.20	200	0.040	245	0.098	9.00	445	1.64
<b>Total :</b>		<b>15.50</b>	<b>1.55</b>	<b>31.00</b>	<b>6.20</b>	<b>1020</b>	<b>0.20</b>	<b>2065</b>	<b>0.83</b>	<b>46.50</b>	<b>3085</b>	<b>8.78</b>

Vth Year		Physical Financial Details of Land Development Activities under the Component of WDW										
Jugail-I, IWMP-V		District-				Sonbhadra				(Phy. In ha/Nos.-Fin in Lakhs)		
S.No.	Name of WC	Block Plantation (in ha)				Scattered Plantation (in Nos.)				Total		
		Aff		Hort		Aff		Hort		Phy		Fin
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	in ha	in No.	
1	Bharari	2.50	0.25	5.00	1.00	160	0.032	440	0.176	7.50	600	1.46
2	Jogaeal	10.00	1.00	20.00	4.00	640	0.128	1370	0.548	30.00	2010	5.68
3	Parshoi	3.25	0.33	5.00	1.00	210	0.042	260	0.104	8.25	470	1.47
<b>Total :</b>		<b>15.75</b>	<b>1.58</b>	<b>30.00</b>	<b>6.00</b>	<b>1010</b>	<b>0.20</b>	<b>2070</b>	<b>0.83</b>	<b>45.75</b>	<b>3080</b>	<b>8.61</b>

**Detail of Land Development Area in ha At A Glance**

	Afforestation	Horticulture	Total
<b>Block Plantation</b>	55.25	109.75	165.00
<b>Scattered Plantation</b>	10.54	39.88	50.42
<b>Total ha In Land Development</b>	65.79	149.63	215.42

Afforestation	Bifurcation of Afforestation Area				Fuel & Fodder	
	Timber		Ornamental			No. Plant/ha
		No. Plant/ha		No. Plant/ha		
<b>Row To Row Spacing</b>	6 x 6	278	6 x 6	278	4 x 4	625
<b>Plant to Plant Spacing</b>	6 x 6		6 x 6		4 x 4	
Horticulture	Mango		Guava		Citrus & Other Fruits	
		No. Plant/ha		No. Plant/ha		No. Plant/ha
<b>Row To Row Spacing</b>	10 x 10	100	7 x 7	204	6 x 6	278
<b>Plant to Plant Spacing</b>	10 x 10		7 x 7		6 x 6	

Conversion Of Scattered Plantation Into ha				
Afforestation	Timber	Ornamental	Fuel & Fodder	Total
<b>%</b>	40	12	48	100
<b>No. of Plants</b>	1596	478	1916	3990
<b>ha</b>	5.74	1.73	3.07	10.54
Horticulture	Mango	Guava	Citrus & Other Fruits	
<b>%</b>	30	10	60	100
<b>No. of Plants</b>	2119	707	4234	7060
<b>ha</b>	21.19	3.46	15.23	39.88

Area under Afforestation including Block & Scattered Plantation						
	Afforestation			Timber	Ornamen- tal	Fuel and Fodder
Year	Block	Scattard	Total			
IInd Year	8.50	1.88	10.38	4.152	1.2456	4.98
IIIrd Year	15.50	3.3	18.80	7.52	2.256	9.02
IVth Year	15.50	2.69	18.19	7.276	2.1828	8.73
Vth Year	15.75	2.67	18.42	7.368	2.2104	8.84
Total	55.25	10.54	65.79	26.316	7.8948	31.58
Vth Year	Considration of Area in ha for calculating Production Value					4.98
VI th Year						14.01
VIIth Year						22.74
Area under Horticulture including Block & Scattered Plantation						
Year	Block	Scattard	Total	Mango/Bel/ Jack Fruits	Guava	citrus & others
IInd Year	17.75	5.65	23.40	7.02	2.34	14.04
IIIrd Year	31.00	10.88	41.88	12.564	4.188	25.13
IVth Year	31.00	11.66	42.66	12.798	4.266	25.60
Vth Year	30.00	11.69	41.69	12.507	4.169	25.01
Total	109.75	39.88	149.63	44.889	14.963	89.78
Vth Year	Considration of Area in ha for calculating Production Value			7.02	2.34	14.04
VI th Year				19.58	6.53	39.17
VIIth Year				32.38	10.79	64.76

**Conversion of Scattered Plantation in ha**

	IInd Year				IIIrd Year				IVth Year				Vth Year			
	Afforestation		Fuel & Fodder	Total	Afforestation		Fuel & Fodder	Total	Afforestation		Fuel & Fodder	Total	Afforestation		Fuel & Fodder	Total
	Timber	Ornamental			Timber	Ornamental			Timber	Ornamental			Timber	Ornamental		
<b>%</b>	40	12	48	100	40	12	48	100	40	12	48	100	40	12	48	100
<b>No. of Plants</b>	284	85	341	710	500	150	600	1250	408	122	490	1020	404	121	485	1010
<b>ha</b>	1.02	0.31	0.55	1.88	1.80	0.54	0.96	3.3	1.47	0.44	0.78	2.69	1.45	0.44	0.78	2.67
<b>Horticulture</b>	Mango/Bel/ Jack Fruits	Guava	Citrus & Other Fruits		Mango/B el/ Jack Fruits	Guava	Citrus & Other Fruits		Mango/B el/ Jack Fruits	Guava	Citrus & Other Fruits		Mango/B el/ Jack Fruits	Guava	Citrus & Other Fruits	
<b>%</b>	30	10	60	100	30	10	60	100	30	10	60	100	30	10	60	100
<b>No. of Plants</b>	300	100	600	1000	578	193	1154	1925	620	207	1238	2065	621	207	1242	2070
<b>ha</b>	3.00	0.49	2.16	5.65	5.78	0.95	4.15	10.88	6.20	1.01	4.45	11.66	6.21	1.01	4.47	11.69



Year wise details of Land Development Activities At a Glance under						Jugail-I, IWMP-V		District- Sonbhadra		(Area in ha)	
Year	Afforestation		Sub Total	Fuel & Fodder		Sub Total	Net Area under Afforestation	Horticulture		Total	Grand Total
	Block	Scattered		Block	Scattered			Block	Scattered		
<b>IInd Year</b>	8.50	1.88	10.38	4.08	0.90	4.98	5.40	17.75	5.65	23.40	33.78
<b>IIIrd Year</b>	15.50	3.30	18.80	7.44	1.58	9.02	9.78	31.00	10.88	41.88	60.68
<b>IVth Year</b>	15.50	2.69	18.19	7.44	1.29	8.73	9.46	31.00	11.66	42.66	60.85
<b>Vth Year</b>	15.75	2.67	18.42	7.56	1.28	8.84	9.58	30.00	11.69	41.69	60.11
<b>Total</b>	<b>55.25</b>	<b>10.54</b>	<b>65.79</b>	<b>26.52</b>	<b>5.06</b>	<b>31.58</b>	<b>34.21</b>	<b>109.75</b>	<b>39.88</b>	<b>149.63</b>	<b>215.42</b>

Year wise Details of Horticulture Crops (Area in ha)					
	IInd Year	IIIrd Year	IVth Year	Vth Year	Total
Mango/Bel/Jack Fruits	7.02	12.56	12.80	12.51	44.89
Guava	2.34	4.19	4.27	4.17	14.96
Citrus & Others	14.04	25.13	25.60	25.01	89.78
<b>Total :-</b>	<b>23.40</b>	<b>41.88</b>	<b>42.66</b>	<b>41.69</b>	<b>149.63</b>

Crop Wise/Year Wise Productivity in T and Value in Rs. Based on 10 Year Projection								
Crop	Production/ha at Maturity after 10 Years in Tonnes	Vth Year (12%)	Vith Year (20%)	VIIth Year (35%)	VIIIth Year (55%)	IXth Year (80%)	Xth Year (100%)	Value/Ton in Rs.
Mango/Bel/Jack Fruits	7	0.84	1.40	2.45	3.85	5.6	7	15000
Guava	12	1.44	2.40	4.20	6.6	9.6	12	15000
Citrus and Others	12	1.44	2.40	4.20	6.6	9.6	12	16000
Fuel and Fodder	18	2.16	3.60	6.30	9.9	14.4	18	2000

Crop Wise/Year Wise Production and Production Value (benefits), Production in Tonnes and value in Rs.													
Crops	Vth Year				VIth				VIIth Year				Total
	Area	Production/ha	Total Production	Value	Area	Production/ha	Total Production	Value	Area	Production/ha	Total Production	Value	Area
Mango/Bel/Jack Fruits	7.02	0.84	5.89	88350	19.58	1.40	27.41	411150	32.38	2.45	79.33	1189950	58.99
Guava	2.34	1.44	3.36	50400	6.53	2.40	15.66	234900	10.79	4.20	45.33	679950	19.66
Citrus and Other Fruits	14.04	1.44	20.21	323360	39.17	2.40	94	1504000	64.76	4.20	272	4352000	117.97
Fuel and Fodder	4.98	2.16	10.76	21520	14.01	3.60	50.42	100840	22.74	6.30	143.24	286480	41.73
<b>Total :</b>	<b>28.38</b>	<b>5.88</b>		<b>483630</b>	<b>79.29</b>		<b>187.49</b>	<b>2250890</b>	<b>130.68</b>		<b>539.90</b>	<b>6508380</b>	<b>238.35</b>
				859764				3817698				10576200	
<b>At 75% Survival</b>	Mango/Bel/Jack Fruits		4.41	66150			20.55	308250			59.49	892350	
	Guava		2.52	37800			11.74	176100			33.99	509850	
	Citrus and Other Fruits		15.15	242400			70.5	1128000			204	3264000	
	Fuel and Fodder		8.07	16140			37.81	75620			107.43	214860	
	<b>Total :</b>			30.15	362490			140.6	1687970			404.91	4881060

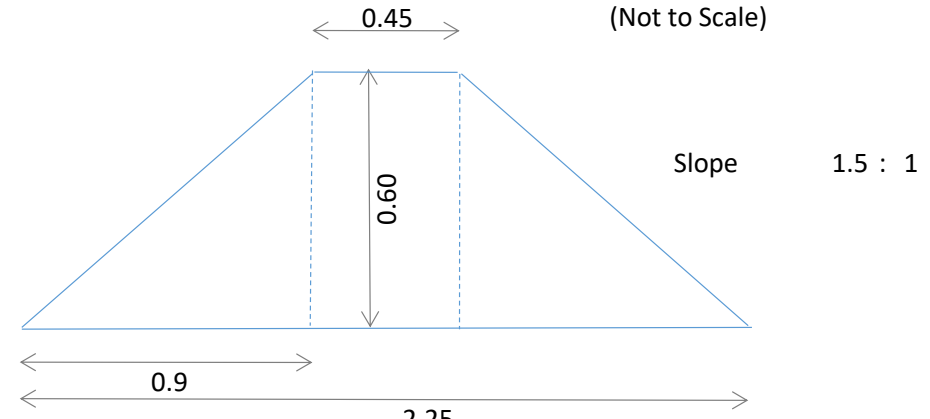
WC Wise Planing of Contour Bund (CB) Under Project		Jugail-I, IWMP-V				District-	Sonbhadra		(Phy. In rmt, Fin. In Lakhs)	
NAMEof WC	IInd year		IIIrd Year		IVth Year		Vth Year		Total	
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Bharari	1042	0.938	727	0.654	834	0.751		0.000	<b>2603</b>	<b>2.343</b>
Jogaeal	2028	1.825	6724	6.052	7012	6.311		0.000	<b>15764</b>	<b>14.188</b>
Parshoi	698	0.628	932	0.839	684	0.616	8469	7.622	<b>10783</b>	<b>9.705</b>
<b>Total</b>	<b>3768</b>	<b>3.39</b>	<b>8383</b>	<b>7.54</b>	<b>8530</b>	<b>7.68</b>	<b>8469</b>	<b>7.62</b>	<b>29150</b>	<b>26.24</b>
<b>OUTLETS (for safe Disposal of Water)</b>										
Nos	7	0.0525	16	0.12	17	0.1275	16	0.12	56	0.42
Amount @ Rs. 0.0075 lac per Outlet	0.0525		0.12		0.1275		0.12		0.42	

WC Wise Planing of Marginal Bund (MB) Under Project		Jugail-I, IWMP-V				District-		Sonbhadra		(Phy. In rmt, Fin. In Lakhs)	
NAMEof WC	IInd year		IIIRD Year		IVth Year		Vth Year		Total		
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	
Bharari	1554	5.921		0.000		0.000	0	0.000	1554	5.921	
Jogaeal		0.000	2876	10.958	2753	10.489	2457	9.361	8086	30.808	
Parshoi		0.000	459	1.749	717	2.732	814	3.101	1990	7.582	
<b>Total</b>	<b>1554</b>	<b>5.921</b>	<b>3335</b>	<b>12.706</b>	<b>3470</b>	<b>13.221</b>	<b>3271</b>	<b>12.463</b>	<b>11630</b>	<b>44.310</b>	
<b>OUTLETS (for safe Disposal of Water)</b>											
Nos	3	0.450	6	0.900	7	1.050	6	0.900	22	3.300	
Amount @ Rs. 0.15 lac per Outlet	0.450		0.900		1.050		0.900		3.300		

WC Wise Planing of Peripheral Bund (PB) Under Project			Jugail-I, IWMP-V		District-		Sonbhadra		(Phy. In rmt, Fin. In Lakhs)	
NAMEof WC	IInd year		IIIRD Year		IVth Year		Vth Year		Total	
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Bharari		0.000		0.000		0.000		0.000	0	0.000
Jogaeal	2761	10.519	3378	12.870	5093	19.404	3098	11.803	14330	54.597
Parshoi		0.000	2919	11.121	1492	5.685	1990	7.582	6401	24.388
<b>Total</b>	<b>2761</b>	<b>10.52</b>	<b>6297</b>	<b>23.99</b>	<b>6585</b>	<b>25.09</b>	<b>5088</b>	<b>19.39</b>	<b>20731.00</b>	<b>78.99</b>
<b>OUTLETS (for safe Disposal of Water)</b>										
<b>Nos</b>	<b>5</b>	<b>0.750</b>	<b>12</b>	<b>1.800</b>	<b>13</b>	<b>1.950</b>	<b>10</b>	<b>1.500</b>	<b>40</b>	<b>6.000</b>
<b>Amount @ Rs. 0.15 lac per Outlet</b>	<b>0.75</b>		<b>1.80</b>		<b>1.95</b>		<b>1.50</b>		<b>6.00</b>	

### Estimate Of Contour Bund (CB)

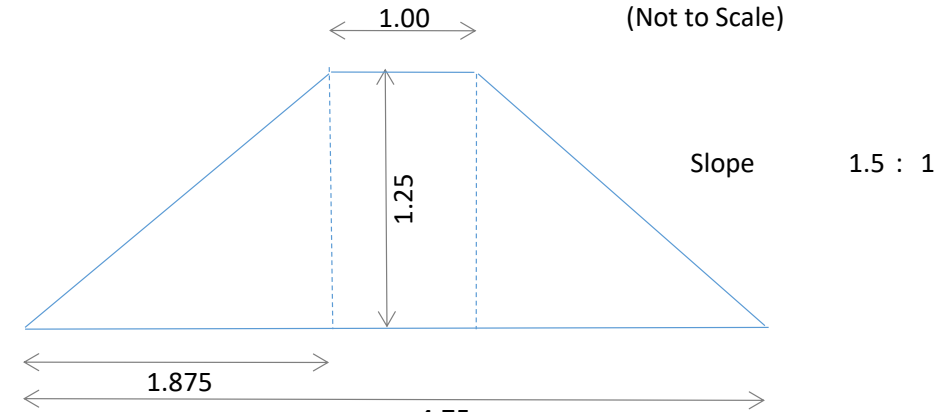
Length	1	meter
Top	0.45	meter
Base	2.25	meter
Height	0.60	meter
Side Slope	1.5 : 1	
Labour Rate Rs./day	174.00	
Labour out put in cmt.	2.27	
<b>Rate /cmt. Rs.</b>	<b>76.70</b>	
<b>Dressing Charge</b>	<b>24.4</b>	
Total Rate/cmt.	101.07	



		2.25
CS	$(T+B)/2 \cdot h$	0.81 sq m
Earth Work	CS*L	0.81 cmt
Existing CS		0.02 sq m
Actual CS for Execution		0.79 sq m
Rate/cmt. Rs.		101.07
Amount/per m length		79.85
Sodding Area		2.61 sq m
Rate/sqm Rs.		<b>3.87</b>
Amount		10.11
Amount/per m length		89.96
<b>Say</b>		<b>90.00</b>

### Estimate Of Marginal Bund (MB)

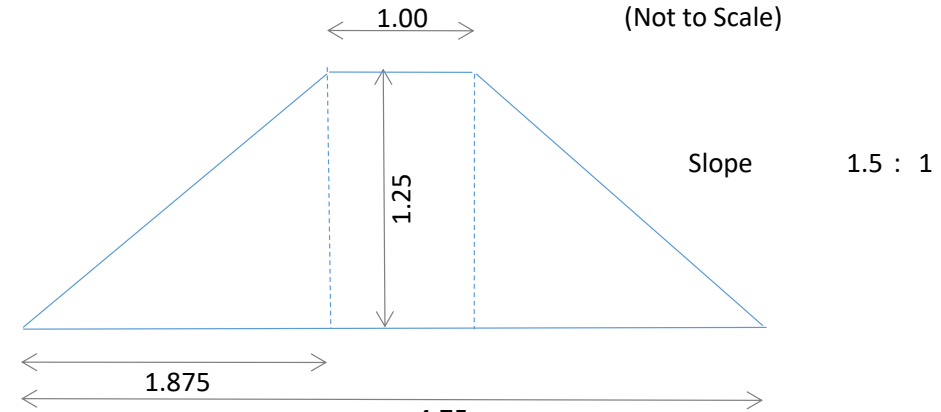
Length	1	meter
Top	1.00	meter
Base	4.75	meter
Height	1.25	meter
Side Slope	1.5 : 1	
Labour Rate Rs./day	174.00	
Labour out put in cmt.	2.27	
<b>Rate /cmt. Rs.</b>	<b>76.65</b>	
<b>Dressing Charge</b>	<b>24.40</b>	
Total Rate/cmt.	101.05	



		4.75
CS	$(T+B)/2 \cdot h$	3.59 sq m
Earth Work	CS*L	3.59 cmt
Existing CS		0.03 sq m
Actual CS for Execution		3.56 sq m
Rate/cmt. Rs.		101.05
Amount/per m length		359.74
Sodding Area		5.51 sq m
<b>Rate/sqm Rs.</b>		<b>3.87</b>
Amount		21.31
Amount/per m length		381.05
<b>Say</b>		<b>381.00</b>

### Estimate Of Pheripheral Bund (PB)

Length	1	meter
Top	1.00	meter
Base	4.75	meter
Height	1.25	meter
Side Slope	1.5 : 1	
Labour Rate Rs./day	174.00	
Labour out put in cmt.	2.27	
<b>Rate /cmt. Rs.</b>	<b>76.65</b>	
<b>Dressing Charge</b>	<b>24.40</b>	
Total Rate/cmt.	101.05	



		4.75
CS	$(T+B)/2 \cdot h$	3.59 sq m
Earth Work	CS*L	3.59 cmt
Existing CS		0.03 sq m
Actual CS for Execution		3.56 sq m
Rate/cmt. Rs.		101.05
Amount/per m length		359.74
Sodding Area		5.51 sq m
<b>Rate/sqm Rs.</b>		<b>3.87</b>
Amount		21.31
Amount/per m length		381.05
<b>Say</b>		<b>381.00</b>



IInd Year		Year Wise Physical and Financial Annual Action Plan Of Water Harvesting Structures Under WDW																	
Jugail-I, IWMP-V				District-				Sonbhadra				(Phy. In ha/Nos.-Fin in Lakhs)							
S. No.	Name of WC	Area	Amount	Funds Available	ECD		DSW		WHB		DSW		Pond		R Pit		Total		
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	
1	Bharari	752	6.77	5.96	2	3.86	1	2.00				0.00			2	0.10	5	5.96	
2	Jogaeal	3254	29.29	26.07	9	16.16	2	4.00	1	3.31	1	2.50			2	0.10	15	26.07	
3	Parshoi	844	7.60	6.69	3	4.59	1	2.00				0.00			2	0.10	6	6.69	
		4850	43.65	38.71	14	24.60	4	8.00	1	3.31	1	2.50	0	0.00	6	0.30	26	38.71	
<b>IIIrd Year</b>																			
S. No.	Name of WC	Area	Amount	Funds Available	ECD		DSW		WHB		DSW		Pond		R Pit		Total		
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	
1	Bharari	752	14.60	13.14	4	5.76	1	2.00	1	2.88	1	2.50			0	0.00	7	13.14	
2	Jogaeal	3254	63.16	57.48	22	33.94	1	2.00	4	13.84	3	7.50			4	0.20	34	57.48	
3	Parshoi	844	16.38	14.75	5	10.65	2	4.00				0.00			2	0.10	9	14.75	
		4850	94.14	85.37	31	50.35	4	8.00	5	16.72	4	10.00	0	0.00	6	0.30	50	85.37	
<b>IVth Year</b>																			
S. No.	Name of WC	Area	Amount	Funds Available	ECD		DSW		WHB		DSW		Pond		R Pit		Total		
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	
1	Bharari	752	14.60	13.14	4	9.04	2	4.00				0.00			2	0.10	8	13.14	
2	Jogaeal	3254	63.16	57.48	19	31.73	2	4.00	5	16.54	2	5.00			4	0.20	32	57.48	
3	Parshoi	844	16.38	14.74	4	8.64	3	6.00				0.00			2	0.10	9	14.74	
		4850	94.14	85.36	27	49.42	7	14.00	5	16.54	2	5.00	0	0.00	8	0.40	49	85.36	
<b>Vth Year</b>																			
S. No.	Name of WC	Area	Amount	Funds Available	ECD		DSW		WHB		DSW		Pond		R Pit		Total		
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	
1	Bharari	752	14.57	13.12	4	7.10		0.00	1	3.42	1	2.50			2	0.10	8	13.12	
2	Jogaeal	3254	63.06	57.39	19	32.72	2	4.00	4	15.46	2	5.00			4	0.20	31	57.39	
3	Parshoi	844	16.36	14.89	5	10.79	2	4.00				0.00			2	0.10	9	14.89	
		4850	93.99	85.39	28	50.61	4	8.00	5	18.88	3	7.50	0	0.00	8	0.40	48	85.39	
<b>At a Glance</b>																			
S. No.	Name of WC	Area	Amount	Funds Available	ECD		DSW		WHB		DSW		Pond		R Pit		Total		
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	
1	Bharari	752	14.57	45	14	25.76	4	8.00	2	6.29	2	5.00	0	0.00	6	0.30	28	45.35	
2	Jogaeal	3254	63.06	198	69	114.56	7	14.00	14	49.16	8	20.00	0	0.00	14	0.70	112	198.41	
3	Parshoi	844	16.36	51	17	34.66	8	16.00	0	0.00	0	0.00	0	0.00	8	0.40	33	51.06	
		4850	93.99	294.82	100	174.97	19	38.00	16	55.45	10	25.00	0	0.00	28	1.40	173	294.82	

**MONITORING AND EVALUATION**  
**Monitoring (1% of the Project Cost) Rs. 5.82 Lakhs**

**Regular Monitoring of the project have to be carried out at each stage. We propose -**

1. On line monitoring as per format prescribed by the Government of India in the Department of Land Resources (DoLR) is to be done continuously. Monitoring will include process and outcome monitoring.
2. The Project Implementing Agency (PIA) will compulsorily submit monthly/quarterly Progress Reports countersigned by the member of Watershed Development Team to the SLNA vis-à-vis WCDC.
3. The WCDC will have one member exclusively for monitoring.
4. The WCDC will ensure uploading of monitoring data complete in all aspects to SLNA and DoLR as per Format and guidelines issued from time to time.

**Budget provision for Monitoring-**

Project Fund-There is fund provision amounting to Rs. 1% of the total Project Cost in the DPR. The year wise breakup of the allotted amount is also prescribed in

- Online monitoring must become a feature of all projects.
- Monitoring should include process and outcome monitoring.
- The PIA shall submit monthly/quarterly progress reports (countersigned by the Watershed Committee (WC) President) to the WCDC for further submission to the SLNA.
- The WCDC will have one member exclusively responsible for monitoring.

**Different streams of monitoring are proposed**

- Internal Monitoring by Project Teams (PIA/WCDC)
- Progress Monitoring
- GIS/ Web Based On-Line Monitoring
- Self Monitoring by communities
- Sustainability Monitoring
- Social Audits (at least one Social Audit Event should be organized on Watershed Committee wise on yearly basis from second year onward.
- Independent and External Monitoring by independent agencies
- Process Monitoring

**Streams of Monitoring Different Streams of monitoring as prescribed by the Department of Land Resources, Government of India are to be**

1. Internal monitoring by Project Team. The PIA and the WCDC must arrange adequate arrangement for internal monitoring of the Project.
2. Progress of the Quarter must be reported in time without delay and must be monitored so that the time schedule as per approved DPR is strictly followed. If there
3. GIS Web based On-line monitoring must be done as per laid down directives as well as instructions from SLNA and DoLR, Government of India issued from time to time.
4. Self Monitoring by Communities is to be done from time to time.
5. Sustainability of the outputs due to interventions in the project area should be monitored.
6. Arrangements for Independent and external monitoring as well as social auditing should be appropriately made.
7. Time to time monitoring of anticipated outcomes such as Soil Loss, Ground Water Recharge, amelioration of environmental parameters, Production enhancement, Income generation, Employment generation, increase in vegetative cover, status of Water Harvesting Structures, additional area brought under irrigation, etc. must be recorded and reported to WCDC/SLNA.

**Under the project Area implementation programme a separate Watershed Development Fund Account will be opened and maintained as per the IWMP Guidelines.**

To control the activities at the stage of implementing, proper plans was formed for monitoring and Evaluation. Project monitoring is one of the important components in

### Three Tiers of Monitoring:

The following three tiers of monitoring are planned:

**First Tier (Monitoring of activities) :**

This will be carried out by PIA along with WDT and WC to monitor the implementation of all activities as per the action plan. The monitoring also aims at ensuring

**Second Tier (Monitoring of outputs) :**

To check the outputs of the activities, PIA along with WDT monitors as per the logical frame work. The indicators are selected considering the broad objectives of the

**Third Tier (Monitoring of Outcomes) :**

Project Implementation Agency along with the WC will monitor the overall outcomes of the objectives as per the logical frame. The outcomes level monitoring will start in the second year and continue on an annual basis. Most of the information can be available from the sets of output level indicators. Participatory methods will be used at the time of monitoring the activities.

The methods of collecting sample data for the monitoring activities will be clearly documented in the monitoring report. The detail of the monitoring system is presented in the table as under.

Tiers of Monitoring	Basis of monitoring	Frequency of monitoring	Orientation of the Indicator	Monitoring by
First tier	Immediate result basis	Regular Monthly Monitoring	Activity oriented	Local People organizations
Second Tier	Monitoring of Outputs	Regular monitoring ( Quarterly, half yearly and annually )	Objective oriented	Internal project team (WDT, PIA & Experts)
Third Tier	Monitoring of Outcomes	Annually but monitoring start from second year onwards.	Goal Oriented	<ul style="list-style-type: none"> <li>•Specified monitoring team formed by WCDC</li> <li>•External Monitoring team by PIA/SLNA</li> </ul>

**Vigilance and Monitoring Committees :-**

- For every work sanctioned under the Scheme, there should be a local vigilance and monitoring committee, composed of members of the locality or village where the work is undertaken, to monitor the progress and quality of work while it is in progress. The Gram Sabha will elect the members of this committee and ensure that SC/STs and women are represented on it.
- The Implementing Agency should apprise this committee of estimates regarding the work, time frame and quality parameters. The final report of the committee
- Local beneficiary committees may also be constituted for effective articulation of their entitlements and their access to them. The PIA members will be responsible for ensuring that local

**Evaluation (1% of the Project Cost) - Rs. 5.82 Lakhs**

1.Evaluation will include physical, financial and social audit of the work done.

2.Panel of evaluating agencies-

a)At Central Level there is a panel of evaluating agencies. A minimum percentage of evaluations and impact studies will be carried out by National Level agencies.

b)There is a SLNA level panel of evaluators approved by the Departmental Nodal Agency at SLNA Level. This panel includes only institutions not individuals.

c)The panel to be entrusted for evaluation of the project will not belong to the project area.

d)Evaluators will evaluate the project work as per specific instructions of the Government of India as well as of the SLNA.

e)The Fund release by Government of India on a favourable report from the evaluators.

f)An amount of Rs 1% of the Project Cost is provided in the DPR for evaluation of the project.

Evaluation will be done on the completion of following phase :-

i.Preparatory phase.

ii.Work Phase.

iii.Consolidation Phase.

**Budget provision for Monitoring-**

Project Fund-There is fund provision amounting to Rs. 1% of the total Project Cost in the DPR. The year wise breakup of the allotted amount is also prescribed in the table.

Microwatershed-wise Financial Break-up of Monitoring Component (Year-wise -1% of the Project Cost) Area in ha Amount in Lakhs																																	
Parshoi, IWMP-IV																		District-		Sonbhadra													
S. No.	MWS Code	Name of MWS	Area	Ist Year (0.0%)				Total	IInd Year (0.2%)				Total	IIIrd Year (0.2%)				Total	IVth Year (0.2%)				Total	Vth Year (0.4%)				TOTAL	TOTAL (1%)				Total
				SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC	
1	2A6D1b1b	Jogaeal-I	606	0.00	0.00	0.00	0.00	0.00	0.04	0.07	0.04	0.00	0.15	0.03	0.07	0.04	0.00	0.15	0.03	0.07	0.04	0.00	0.15	0.06	0.15	0.09	0.00	0.29	0.15	0.36	0.21	0.00	0.73
2	2A6D1b1c	Jogaeal-II	444	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.03	0.00	0.11	0.02	0.05	0.03	0.00	0.11	0.02	0.05	0.03	0.00	0.11	0.04	0.11	0.06	0.00	0.21	0.11	0.27	0.15	0.00	0.53
3	2A6D1b2c	Jogaeal-III	349	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.02	0.00	0.08	0.02	0.04	0.03	0.00	0.08	0.02	0.04	0.03	0.00	0.08	0.03	0.08	0.05	0.00	0.17	0.09	0.21	0.12	0.00	0.42
4	2A6D1d1d	Jogaeal-IV	462	0.00	0.00	0.00	0.00	0.00	0.03	0.06	0.03	0.00	0.11	0.02	0.06	0.03	0.00	0.11	0.02	0.06	0.03	0.00	0.11	0.04	0.11	0.07	0.00	0.22	0.12	0.28	0.16	0.00	0.55
5	2A6D1d1e	Jogaeal-V	470	0.00	0.00	0.00	0.00	0.00	0.03	0.06	0.03	0.00	0.11	0.02	0.06	0.03	0.00	0.11	0.02	0.06	0.03	0.00	0.11	0.05	0.11	0.07	0.00	0.23	0.12	0.28	0.16	0.00	0.56
6	2A6D1d2c	Jogaeal-VI	467	0.00	0.00	0.00	0.00	0.00	0.03	0.06	0.03	0.00	0.11	0.02	0.06	0.03	0.00	0.11	0.02	0.06	0.03	0.00	0.11	0.04	0.11	0.07	0.00	0.22	0.12	0.28	0.16	0.00	0.56
7	2A6D1e2b	Jogaeal-VII	312	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.02	0.00	0.07	0.01	0.04	0.02	0.00	0.07	0.01	0.04	0.02	0.00	0.07	0.03	0.07	0.04	0.00	0.15	0.08	0.19	0.11	0.00	0.37
8	2A6D1e2c	Jogaeal-VIII	515	0.00	0.00	0.00	0.00	0.00	0.03	0.06	0.03	0.00	0.12	0.02	0.06	0.04	0.00	0.12	0.02	0.06	0.04	0.00	0.12	0.05	0.12	0.07	0.00	0.25	0.13	0.31	0.18	0.00	0.62
9	2A6F2a1a	Jogaeal-IX	465	0.00	0.00	0.00	0.00	0.00	0.03	0.06	0.03	0.00	0.11	0.02	0.06	0.03	0.00	0.11	0.02	0.06	0.03	0.00	0.11	0.04	0.11	0.07	0.00	0.22	0.12	0.28	0.16	0.00	0.56
10	2A6F2a1b	Bharari-I	465	0.00	0.00	0.00	0.00	0.00	0.03	0.06	0.03	0.00	0.11	0.02	0.06	0.03	0.00	0.11	0.02	0.06	0.03	0.00	0.11	0.04	0.11	0.07	0.00	0.22	0.12	0.28	0.16	0.00	0.56
11	2A6F2a1c	Bharari-II	295	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.02	0.00	0.07	0.01	0.04	0.02	0.00	0.07	0.01	0.04	0.02	0.00	0.07	0.03	0.07	0.04	0.00	0.14	0.07	0.18	0.10	0.00	0.35
Total:			4850	0.000	0.000	0.000	0.000	0.000	0.291	0.582	0.291	0.000	1.164	0.233	0.582	0.349	0.000	1.164	0.233	0.582	0.349	0.000	1.164	0.466	1.164	0.698	0.000	2.328	1.222	2.910	1.688	0.000	5.820

Microwatershed-wise Financial Break-up of Evaluation Component (Year-wise -1% of the Project Cost) Area in ha Amount in Lakhs																																	
Parshoi, IWMP-IV																		District-		Sonbhadra													
s. No.	MWS Code	Name of MWS	Area	Ist Year (0.0%)				Total	IInd Year (0.3%)				Total	IIIrd Year (0.175%)				Total	IVthYear (0.175%)				Total	Vth Year (0.350%)				TOTAL	TOTAL (1%)				Total
				SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC	
1	2A6D1b1b	Jogaeal-I	606	0	0	0	0	0.00	0.218	0	0	0	0.22	0.127	0	0	0	0.13	0.127	0	0	0	0.13	0.255	0	0	0	0.25	0.727	0	0	0	0.73
2	2A6D1b1c	Jogaeal-II	444	0	0	0	0	0.00	0.16	0	0	0	0.16	0.093	0	0	0	0.09	0.093	0	0	0	0.09	0.186	0	0	0	0.19	0.533	0	0	0	0.53
3	2A6D1b2c	Jogaeal-III	349	0	0	0	0	0.00	0.126	0	0	0	0.13	0.073	0	0	0	0.07	0.073	0	0	0	0.07	0.147	0	0	0	0.15	0.419	0	0	0	0.42
4	2A6D1d1d	Jogaeal-IV	462	0	0	0	0	0.00	0.166	0	0	0	0.17	0.097	0	0	0	0.10	0.097	0	0	0	0.10	0.194	0	0	0	0.19	0.554	0	0	0	0.55
5	2A6D1d1e	Jogaeal-V	470	0	0	0	0	0.00	0.169	0	0	0	0.17	0.099	0	0	0	0.10	0.099	0	0	0	0.10	0.197	0	0	0	0.20	0.564	0	0	0	0.56
6	2A6D1d2c	Jogaeal-VI	467	0	0	0	0	0.00	0.168	0	0	0	0.17	0.098	0	0	0	0.10	0.098	0	0	0	0.10	0.196	0	0	0	0.20	0.56	0	0	0	0.56
7	2A6D1e2b	Jogaeal-VII	312	0	0	0	0	0.00	0.112	0	0	0	0.11	0.066	0	0	0	0.07	0.066	0	0	0	0.07	0.131	0	0	0	0.13	0.374	0	0	0	0.37
8	2A6D1e2c	Jogaeal-VIII	515	0	0	0	0	0.00	0.185	0	0	0	0.19	0.108	0	0	0	0.11	0.108	0	0	0	0.11	0.216	0	0	0	0.22	0.618	0	0	0	0.62
9	2A6F2a1a	Jogaeal-IX	465	0	0	0	0	0.00	0.167	0	0	0	0.17	0.098	0	0	0	0.10	0.098	0	0	0	0.10	0.195	0	0	0	0.20	0.558	0	0	0	0.56
10	2A6F2a1b	Bharari-I	465	0	0	0	0	0.00	0.167	0	0	0	0.17	0.098	0	0	0	0.10	0.098	0	0	0	0.10	0.195	0	0	0	0.20	0.558	0	0	0	0.56
11	2A6F2a1c	Bharari-II	295	0	0	0	0	0.00	0.106	0	0	0	0.11	0.062	0	0	0	0.06	0.062	0	0	0	0.06	0.124	0	0	0	0.12	0.354	0	0	0	0.35
Total:			4850	0.000	0.000	0.000	0.000	0.000	1.746	0.000	0.000	0.000	1.746	1.019	0.000	0.000	0.000	1.019	1.019	0.000	0.000	0.000	1.019	2.037	0.000	0.000	0.000	2.037	5.820	0.000	0.000	0.000	5.820

## **CONSOLIDATION AND WITHDRAWAL PHASE (3% of the Project Cost)**

The last two years are the Consolidation and Withdrawal Phase of the Watershed development programme. This is the crucial phase of the project as the local institutions will be trained to manage the project independently after withdrawal of the Government Institutions from the project area.

The main purpose of this phase is to create innovative NRM based, sustainable livelihoods and raise/enhance productivity levels of the augmented resources and local economic development plans developed during the watershed works phase.

### **CONSOLIDATION AND WITHDRAWAL STRATEGY**

Success of the programme depends on Different watershed interventions and sustainability can only be achieved through active participation of community. It will be on capacity building and empowerment of stakeholders. The WC SHGs UGs etc. will be on established trained and strengthened to continue development after withdraw of PIA. By building economic activities through CBOs community participation will be sustained. The need based and demand driven interventions will reduce dependency on subsidies. Contribution from the community will be ensured for the entire activities to develop sense of belongingness and the contribution will be deposited to the account of watershed development fund (WDF). It will also be strengthening through donations from the individuals and institutions and the CBOs will be trained to run watershed as business model on sustainable basis. The tangible economic benefits alongwith empowerment by PIA will empower the CBOs to develop and sustain the watershed activities after withdrawal ges, establishment of Public Private Partnership (PPP) Model. . y of farmers for various activities, user charges and Watershed Developm

### **The consolidation phase will also include:-**

- 1.To prepare the project completion report.
- 2.Documentation of success stories.
- 3.Making films leaflets bulletins and the lessons learnt.
- 4.Watershed plus Activities
- 5.The expenditure will be done as per the common guidelines for watershed development projects.
- 6.The completion report will reflect the development on following aspects:-
  - a)Productivity enhancement.
  - b)Nutritional Security.
  - c)Risk minimization (Integrated farming system water harvesting and protected cultivation value addition and improved marketing).
  - d)Profitability.
  - e)Livelihood security (skill enhancement capacity building increased employment in agriculture and allied enterprises reduction in migration etc.).

The activities those will be under taken during this phase are:

- 1.Completion of various leftover works under taken during work phase.
- 2.Consensus among the villagers to take up any new works out of any unspent amount.
- 3.Preparation of Project completion report with details about status of each asset.
- 4.Documentation of successful experiences as well as lessons learnt for future use.
- 5.Evolving mechanisms to improve the sustainability of various interventions made in the project area.
- 6.Formulation of mechanisms for allocation of user's right over common property resources.
- 7.Formulation of mechanisms to collect user charges for common property resources (CPR).
- 8.Creation of awareness and building capacity of the community to repair, maintain and protection of common property resources.
- 9.Training the user groups for optimum utilization of the developed natural resources.
- 10.Up scaling of successful experiences related to farm production system and off- farm livelihood activities undertaken through revolving fund under the project as well as credit and technical support from external institutions.

11. Evolving marketing arrangements of the farm produce as well as the off-farm and other micro enterprises.
12. Formation of Farmer's Federation for credit, input procurement, sale of local produce etc.

Under the project Area for the implementation of programme a separate Watershed Development Fund Account will be opened and maintained as per the IWMP Guidelines.

**Withdrawal Mechanism:**

1. At the end of the project, The Watershed Committee is to take the responsibility for post project management .For which the Memorandum of Agreement is to be formulated between the PIA and Watershed Committee on the following terms and conditions.
  2. The list of assets created under EPA, NRM, Production system & microenterprises and Livelihood support system is to be prepared with joint signature of the Chairman, Secretary of the Watershed committee and PIA. The Watershed Committee will retain one copy of the list for future reference.
  3. The amount lying unspent as on closing date will be transferred to the Watershed Development Fund.
  4. Watershed Committee will be authorised to use only one Bank account i.e. WDF account.
  5. Yearly auditing of the accounts by the Chartered Accountant will be mandatory and to be adhered strictly.
  6. The office bearer of the Watershed Committee shall involve all the community irrespective of caste, creed and religion.
  7. The Gram Sabha shall have the right to decide the user charges to be collected from the beneficiaries which shall be deposited under the watershed development fund.
  8. The cost of repair and maintenance of the assets created out of NRM component shall be borne out of Watershed development fund by using maximum 50% of the amount collected in a year.
  9. The WDF account will primarily run as revolving fund.
  10. No individual beneficiary should be granted any sort of grant or financial assistance in any form.
  11. The SHGs and UGs shall have the eligibility to take loan from the WDF with marginal interest as decided by Gram Sabha.
  12. The Watershed Committee is also at their liberty to start new profit making ventures by utilising WDF as security deposit and the profit earned should go to the WDF.
  13. The remuneration for the Watershed secretary will be finalised in the Gram Sabha.
  14. The Watershed Committee may collect financial assistance from any other sources to augment the WDF. All donations, interests, fines and fees shall be deposited in the WDF.
  15. The WDF Bank Account shall be jointly operated and maintained as per the IWMP guidelines by the Chairman and Secretary of the watershed committee.
  16. All the expenditure shall be authenticated by the Watershed committee.
  17. Annual meeting of the Gram Sabha is mandatory. However it may meet at any time if required.
  18. The Watershed Committee should meet in every quarter to review the income and expenditure.
  19. Any change in the Watershed Committee or its office bearer shall be made once it is resolved in the Gram Sabha. The Gram Sabha should believe in rotational leadership.
  20. All the group representatives, at least one from each group shall be ensured in the Watershed Committee.
  21. The decision approved and resolved in the Gram Sabha will only be implemented by the Watershed Committee.
  22. In case of any embezzlement of fund, the Administrative system shall proceed according to Rules and Laws.
  23. In the event of Gram Sabha and watershed Committee become defunct, the assets created under the project and WDF will be transferred to the Panchayat.
- In the consolidation phase, the PIA would initiate works which lead to furtherance of the benefits and to sustainability of impacts. Please refer the Common Guidelines, 2008 for detailed explanation.
- However, emphasis will be given to the following activities -

- Promoting **judicious use of water** by scaling up of Micro Irrigation Systems; encouraging more and more farmers to use such techniques
- Scaling up of successful interventions in the project
- Scaling up forward and backward **linkages** established during the works phase, especially, credit and marketing linkages
- Scaling up of people's collectives, like making the WCs/SHGs/UGs into **Federations** at project level or district level
- Documentation of successful interventions and farmer-cases focusing on the learning there-from
- Prepare the **Project Completion Report (PCR)**; **the PIA shall submit the PCR to the WCDC in the format provided for the purpose**
- Prepare a **withdrawal strategy** in such a way that the project is smoothly handed over to the Gram Sabha and the Gram Sabha delegates the responsibilities to the Watershed Committee for future management
- Prepare a strategy for **Post-Project Management**.
- Distributing roles and responsibilities to different stakeholders including village level institutions
- Delegating authority to various individuals/institutions in relation to maintenance and up keep of the physical structures created during the works phase



<b>Watershed Committee Wise Financial Break-up of Consolidation Component at Various Level (Area in ha-Amount in Lakhs)</b>							
<b>Jugail-I, IWMP-V</b>			<b>District-</b>			<b>Sonbhadra</b>	
<b>S. No.</b>	<b>Name of WC</b>	<b>Area</b>	<b>Vth Year (3%) of the Project Cost</b>				
			<b>SLNA</b>	<b>WCDC</b>	<b>PIA</b>	<b>WC</b>	<b>Total</b>
1	Bharari	752	0.090	0.090	0.180	2.346	2.707
2	Jogaeal	3254	0.390	0.390	0.781	10.152	11.714
3	Parshoi	844	0.101	0.101	0.203	2.633	3.038
		<b>4850.00</b>	<b>0.582</b>	<b>0.582</b>	<b>1.164</b>	<b>15.132</b>	<b>17.4600</b>

Details of Activities under Consolidation Plan of the Project Area of Jugail-I, IWMP-V District- Sonbhadra															
S. No.	Name of WC	Area	Amount in lacs	Completion of Various Left Over Work	Perparation of Project Completion Report	Documentat ion of Successful Experience	Management and Maintenance of Developed Natural Resources	Users right and users charges	Sustainable utilization of natural tesources	formation of federation for post project economic	Capacity building of CBOs for post project period	Management and utilization of WDF	Intensific ation of PSME	Intensificati on of Livelihood	Total in Lakhs
1	Bharari	752	2.7072	2.4722	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	2.7072
2	Jogaeal	3254	11.7144	11.4794	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	11.7144
3	Parshoi	844	3.0384	2.8034	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	3.0384
<b>Total :</b>		<b>4850</b>	<b>17.4600</b>	<b>16.7550</b>	<b>0.0600</b>	<b>0.1500</b>	<b>0.0600</b>	<b>0.0300</b>	<b>0.0600</b>	<b>0.0750</b>	<b>0.0300</b>	<b>0.0300</b>	<b>0.1200</b>	<b>0.0900</b>	<b>17.4600</b>

<b>LINKAGE</b>	
<b><u>Backward Linkages :</u></b>	<b><u>Forward Linkages</u></b>
•Seed Certification	•Harvesting /threshing machinery
•Supply of Improved Variety of Seed	•Storage
•Supply of other Farming inputs	•Road network
•Fertilizer	•Transport facilities
•Pesticide	•Markets
•Credit Delivery System	•Agro, processing industries
•Extension services	•Milk and other collection centers
•Price support system	•Labour
•Tools/machinery	
•Nursery	

Convergence Plan At A Glance Under Project Area of				Jugail-I, IWMP-V				District-		Sonbhadra		(Phy in Nos. Fin. In Lakhs)		Name of Scheme/ Department	Level of Convergence	
S. No.	Component	Activity	Ist Year		IInd Year		IIIrd Year		IVth Year		Vth Year		Total			
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.				
1	LA	Skill Training (in nos)					35	5.25	35	5.25	215	5.25	285	15.75	NRLM/ Skill Development Mission	PIA/District Level
2	PSME															
	2.1	Vermi Compost Pit (in Nos.)			19	1.71	19	1.52	10	4.5	7	2.52	55	10.25	MGNAREGA	PIA/District Level
	2.2	Nadep Compost Pit (in Nos.)			19	1.52	7	3.15	15	5.25	7	2.24	48	12.16		
	2.3	Cow Shelter(in Nos.)			0	0	10	3.5	0	0	19	8.1	29	11.60		
	2.4	Goat Shelter (in Nos.)			0	0	10	4	19	0.38	10	6.3	39	10.68		
	2.5	Poultry Shelter (in Nos.)			8	3.20	19	0.38	10	3.5	19	7.2	56	14.28		
	2.6	Azola Pit (in Nos.)			19	0.38	10	3.5	19	0.38	0	0.56	48	4.82		
	2.7	Fodder Through (in Nos.)			0	0	19	0.38	0	0	0	6.3	19	6.68		
	2.8	Sanjeeva Pit(in Nos.)			19	0.38	0	0	0	0	1	1.12	20	1.50		
	2.9	Micro Irrigation (in Nos.)														
	2.9.1	Sprinkler Irrigation (in Nos.)			3	0	5	0	3	0.00	5	0	16	0.00	*NHM/Deartment of Agriculturn/PMKSY	PIA/District Level
	2.9.2	Drip Irrigation			1	0	1	0	1	0.00	1	0	4	0.00		
	2.10	Poly House			3	0	5	0	5	0.00	5	0.00	18	0.00	*NHM	PIA/District Level
	2.11	Agro Shed Net House			3	0	5	0	5	0.00	5	0.00	18	0.00		
3	SMC Work															
	3.1	Contour Bund (in rmt.)			3768	3.3912	8383	7.5447	8530	7.677	8469	7.6221	29150	26.235	MGNAREGA	PIA/District Level
	3.2	Nos. of Outlet			7	0.0525	16	0.12	17	0.1275	16	0.12	56	0.420		
	3.3	Marginal Bund (in rmt.)			1554	6	3335	13	3470	13	3271	12	11630	44.310		
	3.4	Nos. of Outlet			3	0.45	6	0.90	7	1.05	6	0.90	22	3.300		
	3.5	Perpheral Bund (in rmt.)			2761	11	6297	24	6585	25	5088	19	20731	78.985		
	3.6	Nos. of Outlet			5	0.75	12	1.80	13	1.95	10	1.50	40.00	6.000		
<b>TOTAL :</b>					<b>0.00</b>	<b>28.27</b>		<b>68.74</b>		<b>68.37</b>		<b>81.58</b>		<b>246.97</b>		
* Financial for the Activity will be taken as per the norms and Guidelines of the respective departments applicable at the time of the execution.																

At A Glance		Convergence Programme Under the Component of PSME under the Project of Jugail-I, IWMP-V District- Sonbhadra (Phy in Nos. Fin. In Lakhs)																													
S.No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation-Sprinkler		Micro Irrigation-Drip		Poly House		Agro Shed Net House		Total				
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	
1	Bharari	752.00	12	1.08	12	0.96	0	0	7	2.45	6	2.4	12	0.24	0	0	12	0.24	0	0	0	0	0	0	0	0	0	0	0	61	7.370
2	Jogaeal	3254.0	48	4.32	48	3.84	19	8.55	18	6.3	14	5.6	48	0.96	21	7.35	48	0.96	0	0	0	0	2	0	2	0	268	37.880			
3	Parshoi	844.00	16	1.44	16	1.28	8	3.6	7	2.45	5	2	16	0.32	9	3.15	16	0.32	0	0	0	0	1	0	1	0	95	14.560			
<b>Total</b>		<b>4850.00</b>	<b>76</b>	<b>6.84</b>	<b>76</b>	<b>6.08</b>	<b>27</b>	<b>12.15</b>	<b>32</b>	<b>11.20</b>	<b>25</b>	<b>10.00</b>	<b>76</b>	<b>1.52</b>	<b>30</b>	<b>10.50</b>	<b>76</b>	<b>1.52</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>3</b>	<b>0.00</b>	<b>3</b>	<b>0.00</b>	<b>424</b>	<b>59.81</b>			

IInd Year		Convergence Programme Under the Component of PSME under the Project of Jugail-I, IWMP-V District- Sonbhadra (Phy in Nos. Fin. In Lakhs)																											
S. No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation-Sprinkler		Micro Irrigation-Drip		Poly House		Agro Shed Net House		Total		
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.
1	Bharari	752	3	0.27	3	0.24	0	0	0	0	2	0.80	3	0.06	0	0	3	0.06	0	0.00	0	0.00	0	0.00	0	0.00	14	1.43	
2	Jogaeal	3254	12	1.08	12	0.96	0	0	0	0	4	1.60	12	0.24	0	0	12	0.24	0	0.00	0	0.00	0	0.00	0	0.00	52	4.12	
3	Parshoi	844	4	0.36	4	0.32	0	0	0	0	2	0.80	4	0.08	0	0	4	0.08	0	0.00	0	0.00	0	0.00	0	0.00	18	1.64	
	<b>Total</b>	<b>4850</b>	<b>19</b>	<b>1.71</b>	<b>19</b>	<b>1.52</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>3.20</b>	<b>19</b>	<b>0.38</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>0.38</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>84</b>	<b>7.19</b>	

Illrd Year		Convergence Programme Under the Component of PSME under the Project of Jugail-I, IWMP-V District- Sonbhadra (Phy in Nos. Fin. In Lakhs)																												
S.No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation-Sprinkler		Micro Irrigation-Drip		Poly House		Agro Shed Net House		Total			
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
1	Bharari	752	3	0.27	3	0.24	0	0	2	0.7	2	0.80	3	0.06	0	0	3	0.06	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	16	2.13
2	Jogaeal	3254	12	1.08	12	0.96	5	2.25	6	2.1	6	2.40	12	0.24	7	2.45	12	0.24	0	0.00	0	0.00	1	0.00	1	0.00	74	11.7		
3	Parshoi	844	4	0.36	4	0.32	2	0.9	2	0.7	2	0.80	4	0.08	3	1.05	4	0.08	0	0.00	0	0.00	1	0.00	1	0.00	27	4.29		
<b>Total</b>		<b>4850.00</b>	<b>19</b>	<b>1.71</b>	<b>19</b>	<b>1.52</b>	<b>7</b>	<b>3.15</b>	<b>10</b>	<b>3.5</b>	<b>10</b>	<b>4.00</b>	<b>19</b>	<b>0.38</b>	<b>10</b>	<b>3.5</b>	<b>19</b>	<b>0.38</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>2</b>	<b>0.00</b>	<b>2</b>	<b>0.00</b>	<b>117</b>	<b>18.14</b>		

IVth Year		Convergence Programme Under the Component of PSME under the Project of Jugail-I, IWMP-V District- Sonbhadra (Phy in Nos. Fin. In Lakhs)																												
S.No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation- Sprinkler		Micro Irrigation- Drip		Poly House		Agro Shed Net House		Total			
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.		
1	Bharari	752	3	0.27	3	0.24	0	0	3	1.05	0	0.00	3	0.06	0	0	3	0.06	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	15	1.68
2	Jogaeal	3254	12	1.08	12	0.96	7	3.15	8	2.8	0	0.00	12	0.24	7	2.45	12	0.24	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	70	10.9
3	Parshoi	844	4	0.36	4	0.32	3	1.35	4	1.4	0	0.00	4	0.08	3	1.05	4	0.08	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	26	4.64
<b>Total</b>		<b>4850.00</b>	<b>19</b>	<b>1.71</b>	<b>19</b>	<b>1.52</b>	<b>10</b>	<b>4.50</b>	<b>15</b>	<b>5.25</b>	<b>0</b>	<b>0.00</b>	<b>19</b>	<b>0.38</b>	<b>10</b>	<b>3.50</b>	<b>19</b>	<b>0.38</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>111</b>	<b>17.24</b>



Vth Year		Convergence Programme Under the Component of PSME under the Project of Jugail-I, IWMP-V District- Sonbhadra (Phy in Nos. Fin. In Lakhs)																												
S. No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation- Sprinkler		Micro Irrigation- Drip		Poly House		Agro Shed Net House		Total			
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
1	Bharari	752	3	0.27	3	0.24	0	0	2	0.7	2	0.80	3	0.06	0	0	3	0.06	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	16	2.13
2	Jogaeal	3254	12	1.08	12	0.96	7	3.15	4	1.4	4	1.60	12	0.24	7	2.45	12	0.24	0	0.00	0	0.00	1	0.00	1	0.00	72	11.12		
3	Parshoi	844	4	0.36	4	0.32	3	1.35	1	0.35	1	0.40	4	0.08	3	1.05	4	0.08	0	0.00	0	0.00	0	0.00	0	0.00	24	3.99		
<b>Total</b>		<b>4850.00</b>	19	1.71	19	1.52	10	4.50	7	2.45	7	2.80	19	0.38	10	3.50	19	0.38	0	0.00	0	0.00	1	0.00	1	0.00	112	17.24		

WC Wise Planing of Contour Bund (CB) Under Project		Jugail-I, IWMP-V				District-		Sonbhadra		(Phy. In rmt, Fin. In Lakhs)	
NAMEof WC	IInd year		IIIrd Year		IVth Year		Vth Year		Total		
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	
Bharari	1042	0.938	727	0.654	834	0.751		0.000	<b>2603</b>	<b>2.343</b>	
Jogaeal	2028	1.825	6724	6.052	7012	6.311		0.000	<b>15764</b>	<b>14.188</b>	
Parshoi	698	0.628	932	0.839	684	0.616	8469	7.622	<b>10783</b>	<b>9.705</b>	
<b>Total</b>	<b>3768</b>	<b>3.39</b>	<b>8383</b>	<b>7.54</b>	<b>8530</b>	<b>7.68</b>	<b>8469</b>	<b>7.62</b>	<b>29150</b>	<b>26.24</b>	
<b>OUTLETS (for safe Disposal of Water)</b>											
Nos	7	0.0525	16	0.12	17	0.1275	16	0.12	56	0.42	
Amount @ Rs. 0.0075 lac per Outlet	0.0525		0.12		0.1275		0.12		0.42		

WC Wise Planing of Marginal Bund (MB) Under Project		Jugail-I, IWMP-V				District-		Sonbhadra		(Phy. In rmt, Fin. In Lakhs)	
NAMEof WC	IInd year		IIIrd Year		IVth Year		Vth Year		Total		
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	
Bharari	1554	5.921		0.000		0.000	0	0.000	1554	5.921	
Jogaeal		0.000	2876	10.958	2753	10.489	2457	9.361	8086	30.808	
Parshoi		0.000	459	1.749	717	2.732	814	3.101	1990	7.582	
<b>Total</b>	<b>1554</b>	<b>5.921</b>	<b>3335</b>	<b>12.706</b>	<b>3470</b>	<b>13.221</b>	<b>3271</b>	<b>12.463</b>	<b>11630</b>	<b>44.310</b>	
<b>OUTLETS (for safe Disposal of Water)</b>											
Nos	3	0.450	6	0.900	7	1.050	6	0.900	22	3.300	
Amount @ Rs. 0.15 lac per Outlet	0.450		0.900		1.050		0.900		3.300		

WC Wise Planing of Peripheral Bund (PB) Under Project			Jugail-I, IWMP-V				District-		Sonbhadra		(Phy. In rmt, Fin. In Lakhs)	
NAMEof WC	Length	IInd year		IIIrd Year		IVth Year		Vth Year		Total		
		Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	
Bharari	0.00		0.000		0.000		0.000		0.000	0	0.000	
Jogaeal	14330.00	2761	10.519	3378	12.870	5093	19.404	3098	11.803	14330	54.597	
Parshoi	6401.00		0.000	2919	11.121	1492	5.685	1990	7.582	6401	24.388	
<b>Total</b>	<b>20731.00</b>	<b>2761</b>	<b>10.52</b>	<b>6297</b>	<b>23.99</b>	<b>6585</b>	<b>25.09</b>	<b>5088</b>	<b>19.39</b>	<b>20731.00</b>	<b>78.99</b>	
<b>OUTLETS (for safe Disposal of Water)</b>												
<b>Nos</b>		<b>5</b>	<b>0.750</b>	<b>12</b>	<b>1.800</b>	<b>13</b>	<b>1.950</b>	<b>10</b>	<b>1.500</b>	<b>40</b>	<b>6.000</b>	
<b>Amount @ Rs. 0.15 lac per Outlet</b>		<b>0.75</b>		<b>1.80</b>		<b>1.95</b>		<b>1.50</b>		<b>6.00</b>		

Abstract of Expected Outcomes in the Project Area		Jugail-I, IWMP-V		District- Sonbhadra	
S. No.	Item	Unit	Pre-project Status	Expected Post-project Status	Remarks
1	2	3	4	5	6
1	Status of water table				
1.1	Open Well	In mt			
1.1.1	Pre Monsoon		15-17	14-15	
1.1.2	Post Monsoon		14-15	13-14	
1.2	Bore Well	In mt	-	-	
3	Water Harvesting structures repaired/ rejuvenated			116	
4	Availability of water	months.	4-5	5-6	
5	Storage Capacity	ham	N.A.	73.41	
6	Area brought under Supplementary Irrigation in ha				
6.1	@ 5 cm * 2 Irrigation/ha	ha	-	367.10	
6.2	@ 7.5 cm * 2 Irrigation/ha	ha	-	244.73	
7	Availability of drinking water	ha	8-10 months	10-12 months	
8	Increase in irrigation potential @ 50% of storage Capacity	ham	N.A.	36.70	
9	Area under agricultural crop	ha			
9.1	Area under single crop	ha	2551.14	1966.68	
9.2	Area under double crop	ha	1479.43	2103.66	
9.3	Area under multiple crop	ha	0.00	117.00	
9.4	Cropping Intensity	%	113.61	134.53	
9.5	B:C Ratio		1.64	2.58	
10	Increase in area under Afforestation	ha	28.35	34.21	
11	Increase in area under horticulture	ha	14.52	31.58	
12	Increase in area under fodder	ha	8.03	149.63	
13	Increase in area under vegetation	ha	50.90	215.42	
14	Increase in milk production	in Ltr	0.085	0.154	
15	Increase in no. of livelihoods	in no.	-	685	
15.1	Increase in income	no.			
15.2	For Assetless	In Rs.	17000.00	23900.00	

Abstract of Expected Outcomes in the Project Area		Jugail-I, IWMP-V		District-	Sonbhadra
S. No.	Item	Unit	Pre-project Status	Expected Post-project Status	Remarks
16	For Farmers	In Rs.	22500.00	31000.00	
17	Change in Migration Status	in Rs.	8005	5604	
18	No. of SHGs	no		137	
19	No. of SHGs Linkage	no.	0	137	
20	SHG Federations	no.	0	10	
21	Credit Institutions	no.			
22	Backward/Farward Linkage Established	no.	0	10	
23	No. of Assett Created	no.	N.A.	116	
24	NPV of Net Benefit at 15% discounted Factor	In Rs.		10551537.27	
25	BCR at 15% discounted Factor of Net Benefit		-	1.20	
26	IRR	in %	-	29.04%	

**Details of Employment Generation**

<b>Mandays Generated</b>		
<b>SMC (Through Convergence)</b>	Total Amount/174	47840
<b>Sub Total</b>		47840
<b>Through IWMP Fund :-</b>		
<b>Land Development</b>	60% of Total Amount /174	8399
<b>WHS</b>	(Amount of Dressing + Sodding)/174	
<b>Sub Total</b>		8399
<b>Self Employment :-</b>		
<b>Through SHGs</b>	No. of SHG * 10 *150	160500
<b>Through Micro Enterprises</b>	No. of ME * 5 *180	154800
<b>Through use of Farm Machinery</b>	No. of Machine * 30	1710
<b>Sub Total</b>		317010
<b>Total</b>		373249

CATEGORY WISE MANDAYS GENERATED in Nos.				No. of person employed			
GEN	SC	Total	WOMEN	GEN	SC	Total	WOMEN
60%	40%	100%	35%				
28704	19136	47840	16744	288	192	480	168
5039	3360	8399	2939	51	34	85	30
0	0	0	0	0	0	0	0
5039	3360	8399	2939	51	34	85	30
96300	64200	160500	56175	642	428	1070	562
92880	61920	154800	54180	516	344	860	542
1026	684	1710	598	34	23	57	6
190206	126804	317010	110953	1192	795	1987	1110
223949	149300	373249	130636	1531	1021	2552	1308

Production, Productivity, Investment Cost, BC and Cropping Intensity of Major Crops under										
Jugail-I, IWMP-V			District:		Sonbhadra		Net Cultivable Area :		4850.00 ha	
S.No.	Particular	Area ha.	Productivity in q/ha.	Total Production in q (3*4)	Investment Cost/ha in Rs.	Total Investment Cost (3*6)	Market Rate/q in Rs.	Gross Return (5*8)	Net Profit (9-7)	BC Ratio (9/7)
1	2	3	4	5	6	7	8	9	10	11
<b>Pre-project</b>										
<b>A</b>	<b>Khariff</b>									
1	Paddy	773.00	17.00	13141.00	6500	5024500	1000	13141000	8116500	1.62
2	Jwar	199.00	6.00	1194.00	3200	636800	1400	1671600	1034800	1.63
3	Bajra	221.00	5.50	1215.50	3000	663000	1400	1701700	1038700	1.57
4	Maiz	88.00	9.00	792.00	4500	396000	1250	990000	594000	1.50
5	Arhar	287.00	3.25	932.75	5000	1435000	4000	3731000	2296000	1.60
6	Urd/Moong	265.00	3.00	795.00	5000	1325000	4000	3180000	1855000	1.40
7	Sawan/Kondo	88.00	2.25	198.00	4000	352000	5000	990000	638000	1.81
8	Til	88.00	2.25	198.00	5000	440000	6000	1188000	748000	1.70
9	Chia	0.00	0.00	0.00	0	0	0	0	0	0.00
10	Vegetable	88.00	40.00	3520.00	8000	704000	500	1760000	1056000	1.50
11	Fodder	66.00	150.00	9900.00	6000	396000	100	990000	594000	1.50
12	Others	44.00	7.75	341.00	5000	220000	1500	511500	291500	1.33
<b>Sub Total A</b>		<b>2207</b>				<b>11592300.00</b>		<b>29854800.00</b>	<b>18262500.00</b>	<b>1.58</b>
<b>B</b>	<b>Rabi</b>									
1	Wheat	1223.00	16.25	19873.75	7000	8561000	1200	23848500	15287500	1.79
2	Barley	264.00	6.00	1584.00	3500	924000	1400	2217600	1293600	1.40
3	Mustard	297.00	3.00	891.00	2500	742500	2200	1960200	1217700	1.64
4	Lentil/Gram	430.00	3.25	1397.50	4500	1935000	3500	4891250	2956250	1.53
5	Field Pea	330.00	11.50	3795.00	5500	1815000	1250	4743750	2928750	1.61
6	Linseed	363.00	2.50	907.50	3800	1379400	4000	3630000	2250600	1.63
7	Quinoa	0.00	0.00	0.00	0	0	0	0	0	0.00
8	Vegetable	165.00	45.00	7425.00	8000	1320000	500	3712500	2392500	1.81
9	Fodder	99.00	160.00	15840.00	6000	594000	100	1584000	990000	1.67
10	Others	132.00	8.00	1056.00	5000	660000	1500	1584000	924000	1.40
<b>Sub Total B</b>		<b>3303.00</b>				<b>17930900.00</b>		<b>48171800.00</b>	<b>30240900.00</b>	<b>1.69</b>
<b>C</b>	<b>Zaid</b>	0.00	0.00	0.00	0	0	0	0	0	0.00
<b>Gross Area</b>		<b>5510.00</b>				<b>29523200.00</b>		<b>96343600.00</b>	<b>48503400.00</b>	<b>1.64</b>
<b>Cropping Intensity</b>				<b>113.61 %</b>						



Production, Productivity, Investment Cost, BC and Cropping Intensity of Major Crops under										
Jugail-I, IWMP-V				District:	Sonbhadra		Net Cultivable Area :		4850.00	ha
S.No.	Particular	Area ha.	Productivity in q/ha.	Total Production in q (3*4)	Investment Cost/ha in Rs.	Total Investment Cost (3*6)	Market Rate/q in Rs.	Gross Return (5*8)	Net Profit (9-7)	BC Ratio (9/7)
1	2	3	4	5	6	7	8	9	10	11
<b>Post-project</b>										
<b>A</b>	<b>Khariff</b>									
1	Paddy	662.00	19.50	12909.00	9000	5958000	1400	18072600	12114600	2.03
2	Jwar	238.00	7.50	1785.00	4500	1071000	1800	3213000	2142000	2.00
3	Bajra	265.00	7.25	1921.25	4500	1192500	1800	3458250	2265750	1.90
4	Maiz	146.00	14.50	2117.00	7500	1095000	1450	3069650	1974650	1.80
5	Arhar	371.00	5.75	2133.25	7000	2597000	4500	9599625	7002625	2.70
6	Urd/Moong	344.00	5.25	1806.00	7000	2408000	4800	8668800	6260800	2.60
7	Sawan/Kondo	119.00	3.00	357.00	4800	571200	6000	2142000	1570800	2.75
8	Til	106.00	3.25	344.50	6000	636000	7000	2411500	1775500	2.79
9	Chia	13.00	10.00	130.00	8000	104000	6000	780000	676000	6.50
10	Vegetable	113.00	75.00	8475.00	10000	1130000	700	5932500	4802500	4.25
11	Fodder	93.00	230.00	21390.00	7500	697500	120	2566800	1869300	2.68
12	Others	113.00	12.50	1412.50	7500	847500	1700	2401250	1553750	1.83
<b>Sub Total A</b>		<b>2583.00</b>				<b>18307700.00</b>		<b>62315975.00</b>	<b>44008275.00</b>	<b>2.40</b>
<b>B</b>	<b>Rabi</b>									
1	Wheat	1451.00	20.50	29745.50	9000	13059000	1600	47592800	34533800	2.64
2	Barley	275.00	10.00	2750.00	6000	1650000	1800	4950000	3300000	2.00
3	Mustard	373.00	5.75	2144.75	5000	1865000	3400	7292150	5427150	2.91
4	Lentil/Gram	314.00	5.25	1648.50	6000	1884000	3500	5769750	3885750	2.06
5	Field Pea	314.00	14.00	4396.00	7000	2198000	1800	7912800	5714800	2.60
6	Linseed	431.00	3.50	1508.50	5000	2155000	5500	8296750	6141750	2.85
7	Quinoa	20.00	10.00	200.00	8000	160000	6000	1200000	1040000	6.50
8	Vegetable	235.00	70.00	16450.00	10000	2350000	700	11515000	9165000	3.90
9	Fodder	167.00	200.00	33400.00	7500	1252500	140	4676000	3423500	2.73
10	Others	245.00	12.00	2940.00	6500	1592500	1700	4998000	3405500	2.14
<b>Sub Total B</b>		<b>3825.00</b>				<b>28166000.00</b>		<b>104203250.00</b>	<b>76037250.00</b>	<b>2.70</b>
<b>C</b>	<b>Zaid</b>	117.00	9.00	1053.00	5000	585000	1800	1895400	1310400	2.24
<b>Gross Area</b>		<b>6525.00</b>				<b>47058700.00</b>		<b>106098650.00</b>	<b>121355925.00</b>	<b>2.58</b>
<b>Cropping Intensity</b>				<b>134.53 %</b>						

Production, Productivity, Investment Cost, BC and Cropping Intensity of Major Crops under							
Jugail-I, IWMP-V		District:	Sonbhadra	Net Cultivable Area :		4850.00 ha	
Over all BC		Pre-project	1.64 : 1				
		Post-project	2.58 : 1				
Area Under Agriculture Use in ha							
Pre-Project Status				Post-Project Status			
Area under Single Crop	2551.14	1	2551.14	Area under Single Crop	1966.68	1	1966.68
Area under Double Crop	1479.43	2	2958.86	Area under Double Crop	2103.66	2	4207.32
Area under Multiple Crop	0.00	3	0.00	Area under Multiple Crop	117.00	3	351.00
Total :			5510.00	Total :			6525.00
Cropping Intensity %		113.61		Cropping Intensity %		134.53	

<b>Year wise Projected Benefit from Various Component under Project Area</b>					
<b>Jugail-I, IWMP-V</b>		<b>District-</b>	<b>Sonbhadra</b>		<b>(amt in Rs.)</b>
<b>Year</b>	<b>Land Development</b>	<b>From Livelihood Activities of Assetless</b>	<b>From Livelihood Activities of Farmers</b>	<b>From Livestock Activities</b>	<b>Total</b>
<b>1</b>	0.00	0.00	0.00	0.00	0.00
<b>2</b>	0.00	0.00	0.00	0.00	0.00
<b>3</b>	0.00	2081208.00	7617684.00	5406403.00	15105295.00
<b>4</b>	0.00	2774944.00	10156912.00	7208538.00	20140394.00
<b>5</b>	362490.00	3468680.00	12696140.00	9010672.00	25537982.00
<b>6</b>	1687970.00	4162416.00	15235368.00	10812807.00	31898561.00
<b>7</b>	4881060.00	4856152.00	17774596.00	12614941.00	40126749.00
<b>Total</b>	6931520.00	17343400.00	63480700.00	45053361.00	132808981.00

Income Projection for Assetless, Farmers and Livestock under the project for 7 years.								Amt in Rs.
S.No.	Year	% Increase	Assetless		Farmers		Livestock	Total Increase
			<b>17343400</b>		<b>63480700</b>		<b>45053361</b>	<b>125877461</b>
1	1	0	0		0		0	0
2	2	0	0		0		0	0
3	3	12	2081208		7617684		5406403	15105295
4	4	16	2774944		10156912		7208538	20140394
5	5	20	3468680		12696140		9010672	25175492
6	6	24	4162416		15235368		10812807	30210591
7	7	28	4856152		17774596		12614941	35245689
	<b>Total</b>	<b>100</b>	<b>17343400</b>		<b>63480700</b>		<b>45053361</b>	<b>125877461</b>

Calculation of NPV of Net Benefit @ 15% of Discounted Value								
Year	Project Cost				Total Benefit	Net Benefit	Discounted Factor @ 15%	NPV # 15%
	IWMP	Convergence	Op. maint.	Total				
1	3492000			3492000.00	0.00	-3492000	0.870	-3038040
2	8148000.00	2827385.00		10975385.00	0.00	-10975385.00	0.76	-8297391.06
3	14550000.00	6874262.00		21424262.00	15105295.00	-6318967.00	0.66	-4157880.29
4	14550000.00	6837405.00		21387405.00	20140394.00	-1247011.00	0.57	-713290.29
5	17460000.00	8157989.00		25617989.00	25537982.00	-80007.00	0.50	-39763.48
6	0.00		2561799.00	2561799.00	31898561.00	29336762.00	0.43	12673481.18
7	0.00		2561799.00	2561799.00	40126749.00	37564950.00	0.38	14124421.20
	58200000.00	24697041.00	5123598.00	88020639.00	132808981.00	44788342.00		10551537.27

Calculation of B : C Ratio					
Year	Total Cost	Benefit	Discounted Factor @ 15%	Actual Cost @ 15% Discounted Value	Actual Benefit @ 15% Discounted Value
1	3492000.00	0.00	0.87	3038040.00	0.00
2	10975385.00	0.00	0.76	8297391.06	0.00
3	21424262.00	15105295.00	0.66	14097164.40	9939284.11
4	21387405.00	20140394.00	0.57	12233595.66	11520305.37
5	25617989.00	25537982.00	0.50	12732140.53	12692377.05
6	2561799.00	31898561.00	0.43	1106697.17	13780178.35
7	2561799.00	40126749.00	0.38	963236.42	15087657.62
				52468265.24	63019802.51
				B : C	1.20

Calculation of IRR														
Year	Project Cost				Total Benefit	Net Benefit	Discounted Factor @ 15%	NPV @ 15%	Discounted Factor @ 20%	NPV @ 20%	Discounted Factor @ 25%	NPV @ 25%	Discounted Factor @ 30%	NPV @ 30%
	IWMP	Covergence	Operation & Maintenance Cost	Total										
1	3492000.00	0.00	0.00	3492000.00	0.00	-3492000.00	0.87	-3038040.00	0.83	-2908836.00	0.80	-2793600.00	0.769	-2685348.00
2	8148000.00	2827385.00	0.00	10975385.00	0.00	-10975385.00	0.76	-8297391.06	0.69	-7616917.19	0.64	-7024246.40	0.592	-6497427.92
3	14550000.00	6874262.00	0.00	21424262.00	15105295.00	-6318967.00	0.66	-4157880.29	0.58	-3658681.89	0.51	-3235311.10	0.455	-2875129.99
4	14550000.00	6837405.00	0.00	21387405.00	20140394.00	-1247011.00	0.57	-713290.29	0.48	-601059.30	0.41	-511274.51	0.350	-436453.85
5	17460000.00	8157989.00	0.00	25617989.00	25537982.00	-80007.00	0.50	-39763.48	0.40	-32162.81	0.33	-26242.30	0.269	-21521.88
6	0.00	0.00	2561799.00	2561799.00	31898561.00	29336762.00	0.43	12673481.18	0.34	9827815.27	0.26	7686231.64	0.207	6072709.73
7	0.00	0.00	2561799.00	2561799.00	40126749.00	37564950.00	0.38	14124421.20	0.28	10480621.05	0.21	7888639.50	0.159	5972827.05
	58200000.00	24697041.00	5123598.00	88020639.00	132808981.00	44788342.00		10551537.27		5490779.12		1984196.83		-470344.85

$$\text{IRR} = 25 + \frac{1984196.83}{25 + 4.04} / ((1984196.83 + (-470344.85)) * (30 - 25)) = 29.04$$

## BANK ACCOUNTS & WATERSHED DEVELOPMENT FUND (WDF)

### Bank Accounts :-

Following Bank Accounts will be opened in the Bank and operated in the manner prescribed below :-

WCDC Account :- Jointly Operated by District Magistrate & BSA (PIA)

#### •P.I.A. Account :-

- 1.Joint S.B. Account in the name of PIA
- 2.It will be opened in the Government Recognized Bank.
- 3.It will be operated jointly by BSA & Accountant of P.I.A.

#### •Project Fund Account of WC :-

- 1.Joint S.B. Account in the name of Watershed Project for the Watershed Fund received from the PIA
- 2.It will be opened in the local Bank Branch
- 3.It will be operated jointly by

I)Secretary

- WC

II)Nominated Member

- WDT

Structure of Watershed Committee (WC) :-

	Category	Members
•Chairman	:	1
•Secretary	:	1
•Representing User Group	:	2-3
1.Representing Self Help Group	:	2-3
2.Representing Women	:	1
3.Representing SC	:	1
4.Representing Landless	:	1
5.Representing WDT	:	1
Total No. of Members	:	10-12

Office Bearer of WC :-

1.Chairman

Secretary

#### •WDF Account :-

### Opening of Watershed Development Fund Accounts :-

Under the project Area for the implementation of programme a separate Watershed Development Fund Account will be opened and maintained as per the IWMP Guidelines.

Following activities will be taken for mobilizing the beneficiaries contribution –

- Briefing the beneficiaries about the purpose, utility and rate of contribution.
- Informing the beneficiaries about the implications of non-payment of contribution.
- Motivating beneficiaries for making contribution.

- Collecting and depositing the contribution in the Watershed Development Fund.
- WDT & WC will be responsible for obtaining the contribution.

**Utilization of WDF –**

1. Watershed Development Fund shall be in operation only after the project period.

- It will be operated jointly by the President of the Gram Panchayat and any member from the SHG nominated by the Gram Sabha.
- This fund should be utilised only with the approval of watershed committee for the maintenance and development of Community Assets, CPR and administrative cost if watershed secretary will continue after the project period with the approval of WC.
- No money shall be withdrawn during the project period.
- Watershed Project Fund should not be used for individual work.

**WATERSHED DEVELOPMENT FUND (WDF)**

1. One of the mandatory conditions for selection of villages for watershed projects is Farmer's contribution towards the Watershed Development Fund (WDF). The contributions to WDF shall be a minimum 10% of the cost of NRM works executed on private lands only. However, in case of SC, small and marginal farmers, the minimum contribution shall be 5% of the cost of NRM works executed on their lands.

2. For other cost intensive farming system activities such as Aquaculture, Horticulture, Agro-forestry, Animal Husbandry etc on private land directly benefiting the individual farmers, the contribution of farmers will be 20% for General category and 10% for SC & ST beneficiaries.

3. These contributions would be acceptable either in cash at the time of execution of works or voluntary labour. A sum equivalent to the monetary value of the voluntary labour would be transferred from the watershed project account to the WDF bank account that will be distinct from the Watershed Committee (WC) bank account. User charges, sales proceeds and disposal amounts of intermediate usufruct rights shall also be deposited in the WDF bank account.

4. Income earned from assets created under the project on common property resources shall also be credited to WDF.

5. The Secretary, Watershed Committee (WC) shall maintain a completely separate account of the income and expenditure of the WDF. Rules for operation of the fund should be prepared by the Watershed Committee (WC) and ratified by the Gram Sabha. The WDF bank account should be operated by the President of the Gram Panchayat and any member from the SHG nominated by the Gram Sabha. Alternatively, the guidelines for the management and utilization of the WDF may be evolved by the concerned Nodal Ministry.

6. After completion of Phase II, at least 50% of the WDF funds shall be reserved for maintenance of assets created on community land or for common use under the project. Works taken up on private land shall not be eligible for repair/maintenance out of this Fund. The remaining money may be used as a revolving fund to advance loans to the villagers of the project area who have contributed to the fund. Individuals as well as charitable institutions should be encouraged to contribute generously to this Fund.

**User Charges -**

The Gram Sabha through the Watershed Committee (WC) shall put in place mechanism for collecting user charges. No charge will be taken from landless, destitute or disabled / widow headed house holds for work done on private or public land. The user charges collected shall be credited to the WDF for maintenance of assets created during the project.

### Watershed Development Fund

One of the mandatory conditions for IWMP projects is people's contribution towards the Watershed Development Fund (WDF). The contributions to WDF shall be a minimum 10% of the cost of NRM works executed on private lands only. However, in case of SC/ST, small and marginal farmers, the minimum contribution shall be 5% of the cost of NRM works executed on their lands. However, for other cost intensive farming system activities such as Aquaculture, Horticulture, Agro-forestry, Animal Husbandry etc on private land directly benefiting the individual farmers, the contribution of farmers will be 20% for General category and 10% for SC & ST beneficiaries and the remaining cost of the activities i.e. 80% for the General and 90% for SC/ST category will come from the project funds subject to a maximum limit of an amount equal to double of the standard unit cost norm for Watershed Development Project.

These contributions would be acceptable either in cash at the time of execution of works or voluntary labour. A sum equivalent to the monetary value of the voluntary labour would be transferred from the watershed project account to the WDF bank account that will be distinct from the Watershed Committee (WC) bank account. User charges, sales proceeds and disposal amounts of intermediate usufruct rights shall also be deposited in the WDF bank account. Common Guidelines for Watershed Development Projects Income earned from assets created under the project on common property resources shall also be credited to WDF.

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#### Details of WDF Collected Under The Project

Component	Category	Rate	Amount in Lakhs
<b>NRM Works Amount on Land Development only</b>	<b>SC/ST SC/ST, small and marginal farmers</b>	<b>5%</b>	<b>1.0884</b>
	<b>General</b>	<b>10%</b>	<b>0.9329</b>
<b>SMC Wok Through Convergence</b>	-	-	-
<b>Farming System</b>	<b>SC/ST</b>	<b>10%</b>	<b>2.3280</b>
	<b>General</b>	<b>20%</b>	<b>6.9840</b>
<b>User Charges as applicable on WHS Work fixed by user group on the basis of mutual consent for providing Supplementary Irrigation.</b>		-	-
<b>Total :</b>			<b>11.3333</b>



## List of Records/Registers to be maintained at different levels

### WCDC:

1. Cheque book register
2. Grants received from Centre/State
3. Grants Distribution Register
4. UCs register for UCs received from PIA/watershed committees
5. Activities wise Physical and Financial Progress Details
6. Technical Sanction Register
7. Administrative Sanction Register
8. Bank Reconciliation statement register
9. Asset Register- Dead-stock Register
10. Meeting Register
11. Training Register
12. Ledger
13. Payments Book
14. Visitor's Book

### PIA Level

1. Register for grants received from states
2. UCs register for UCs to be sent to WCDC
3. Bank pass book/ cheque Book Register
4. Bank Reconciliation statement register
5. UCs register for UCs received from different watershed committees
6. Physical and financial progress report
7. Asset Register- Dead Stock Register
8. Training Register
9. Material Book (EPA)
10. Ledger
11. Payment Book

### Watershed Committee Level

1. Cash book
2. Contingency bill register
3. Voucher register
4. Bank Pass Book Register
5. Bank Reconciliation statement- register
6. Advances/Adjustment register
7. Bank cheque book register
8. Asset Register- dead stock Register
9. Assets Created Register
10. Income register (from watershed assets)
11. WDF Account Register
12. Seed Money Register
13. Register showing physical and financial progress
14. Training Register
15. Technical Sanction Register
16. Administrative Sanction Register
17. Meeting Register (Resolution Book)
18. Material Book Register
19. Stock Register
20. Receipt Book
21. Voucher Book
22. Ledger
23. Account Ledger
24. Bill Book
25. Members' Pass Book Register
26. Attendance Register (for Labour)
27. Payments Register
28. Works wise Expenditure Register
29. Visitor's Book

### SHGs:

1. Meeting Register
2. Fund received Register
3. Bank Pass Book Register
4. Internal Lending/Loan Register
5. Savings Book Register
6. Seed Money Distribution & Recovery Register
7. Training Register
8. Composit Loan/Grant-in-aid Register

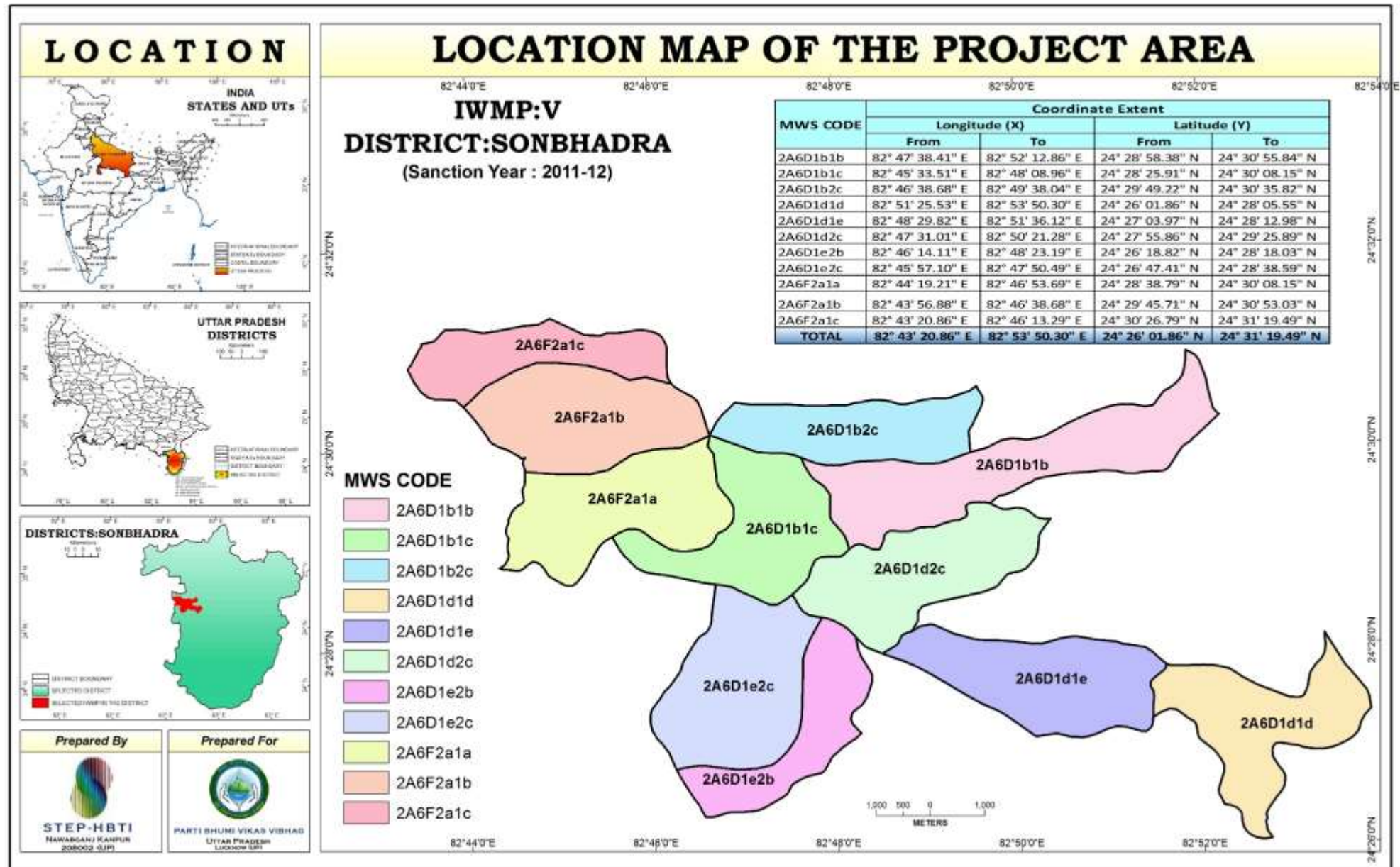
Under the project Area for the implementation of programme a separate Watershed Development Fund Account will be opened and maintained as per the IWMP

**OR Any other Records/Register prescribed by the SLNA/DoLR from time to time**

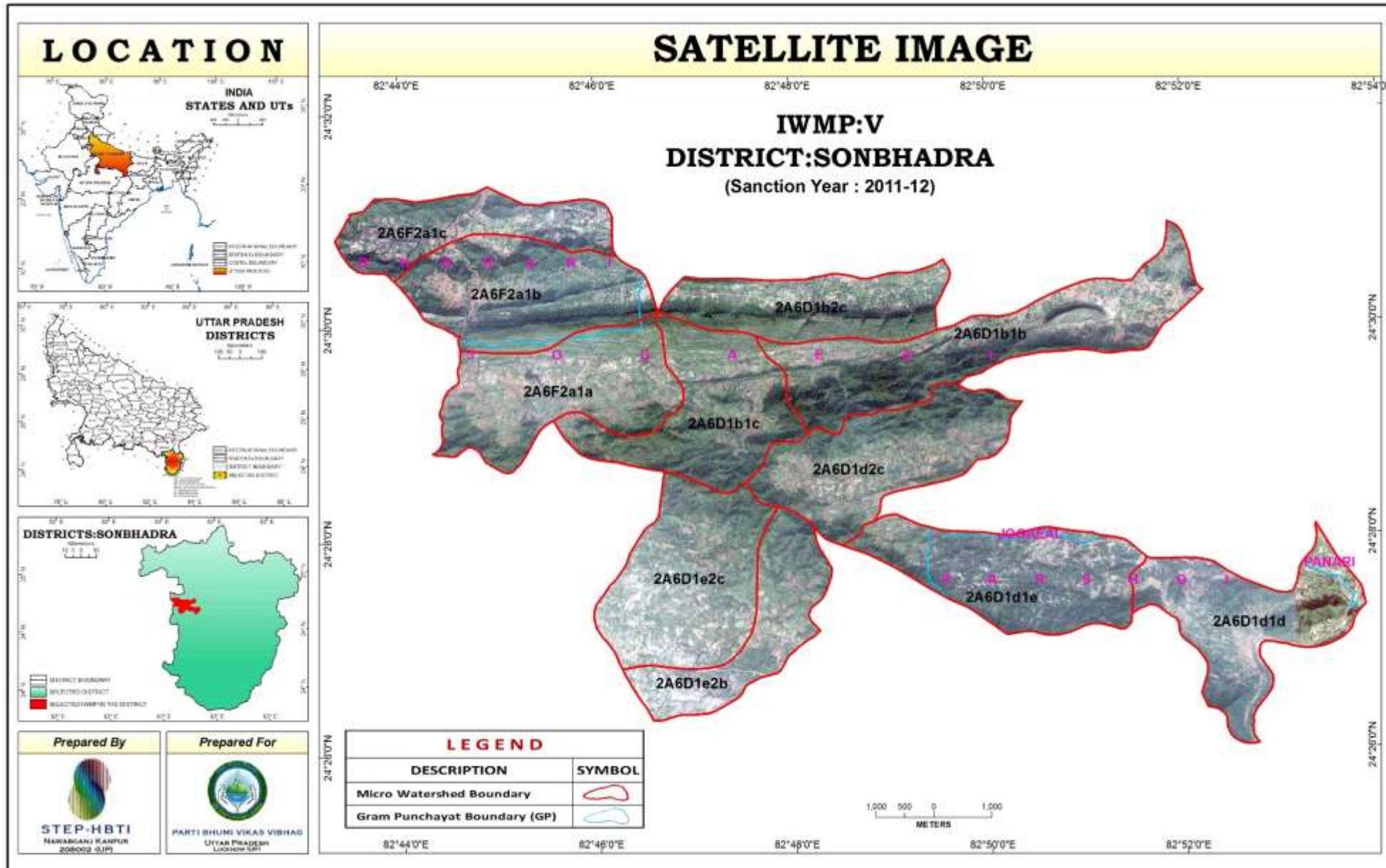
### Activity Calendar for Various Component Under IWMP Projects.

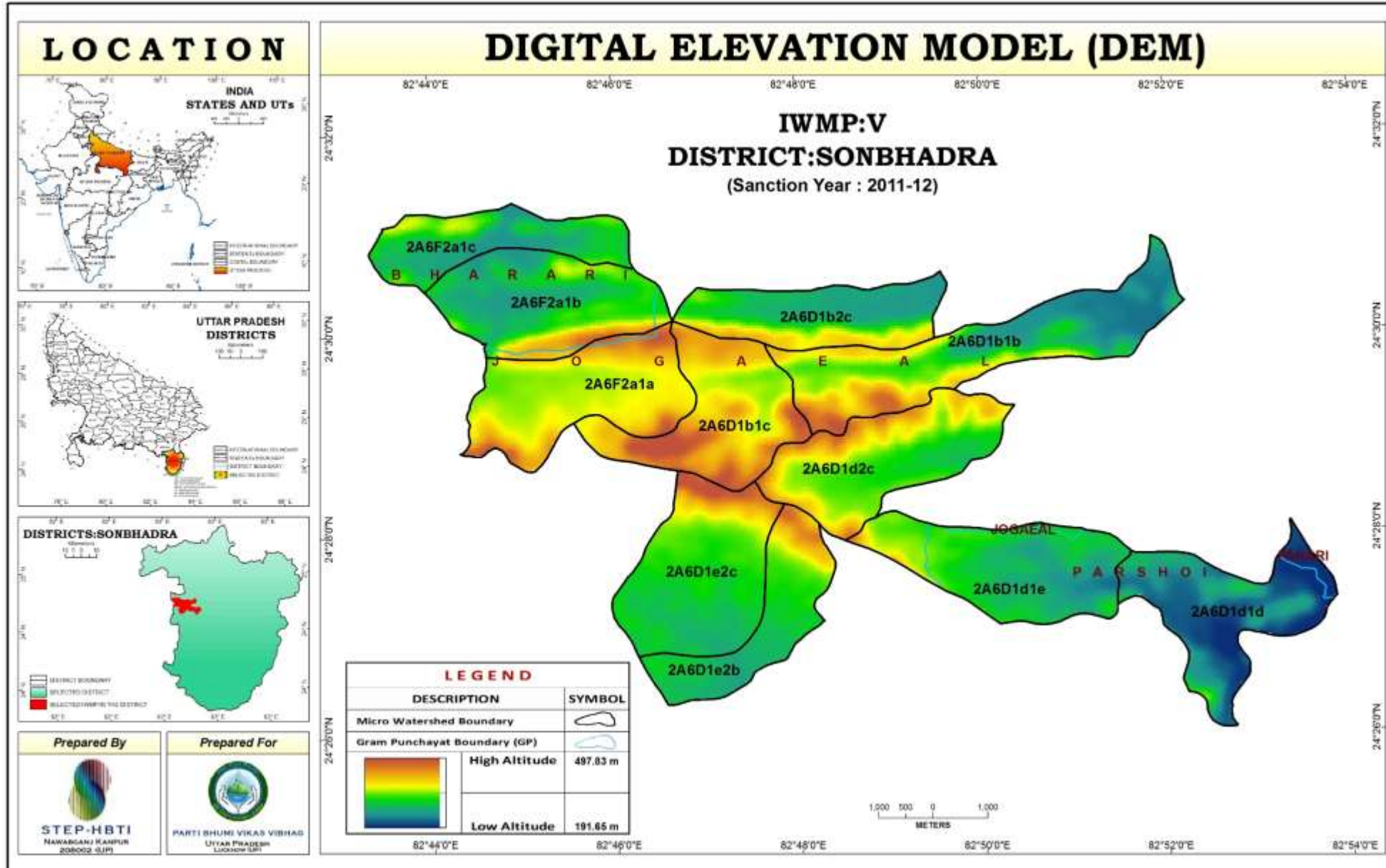
Quarter/Month-->	Q1			Q2			Q3			Q4		
	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
<b>Components</b>												
<b>Capacity Building</b>				x						x		
<b>Production System &amp; Micro Enterprises</b>	x					x				x		
<b>Soil &amp; Moisture Conservation</b>				x					x	x		
<b>Land Development</b>						x						
<b>Water harvesting Structure</b>				x			x			x		
<b>Livelihood Activities</b>												

<b>ABRIVIATION</b>			
<b>AAP</b>	Annual Action Plan	<b>PB</b>	Peripheral Bund
<b>BPL</b>	Below Power Line	<b>PCA</b>	Project Completion Report
<b>CB</b>	Capacity Building	<b>PIA</b>	Project Implementing Agency
<b>CB</b>	Contour Bund	<b>PPP</b>	Public Private Partnership
<b>CBO</b>	Community Based Organization	<b>PRA</b>	Participatory Rural Appraisal
<b>CPR</b>	Common Property Resources	<b>PSA</b>	Participatory Situation Analysis
<b>DoLR</b>	Department of Land Resources	<b>PSME</b>	Production System and Microenterprise
<b>DRDA</b>	District Rural Development Agency	<b>SHG</b>	Self Help Group
<b>ECD</b>	Earthen Check Dam	<b>SLNA</b>	State Level Nodal Agency
<b>EPA</b>	Entry Point Activity	<b>SMC</b>	Soil and Moisture Conservation
<b>FGD</b>	Focus Group Discussion	<b>SRI</b>	System of Rice Intensification
<b>FPO</b>	Farmer's Producer Organization	<b>SWI</b>	System of Wheat Intensification
<b>GP</b>	Gram Panchayat	<b>UG</b>	User's Group
<b>IWMP</b>	Integrated Watershed Management Programme	<b>UMMB</b>	Urea Mineral Mixture Block
<b>MB</b>	Marginal Bund	<b>WC</b>	Watershed Committee
<b>MCD</b>	Masonry Check Dam	<b>WCDC</b>	Watershed Cum Data Centre
<b>MGNREGA</b>	Mahatma Gandhi National Rural Employment Guarantee Programme	<b>WDF</b>	Watershed Development Fund
<b>NHM</b>	National Horticulture Mission	<b>WDT</b>	Watershed Development Team
<b>NRLM</b>	National Rural Livelihood Mission	<b>WDW</b>	Watershed Development Work
<b>NRM</b>	Natural Resource Management	<b>WHS</b>	Water Harvesting Structure

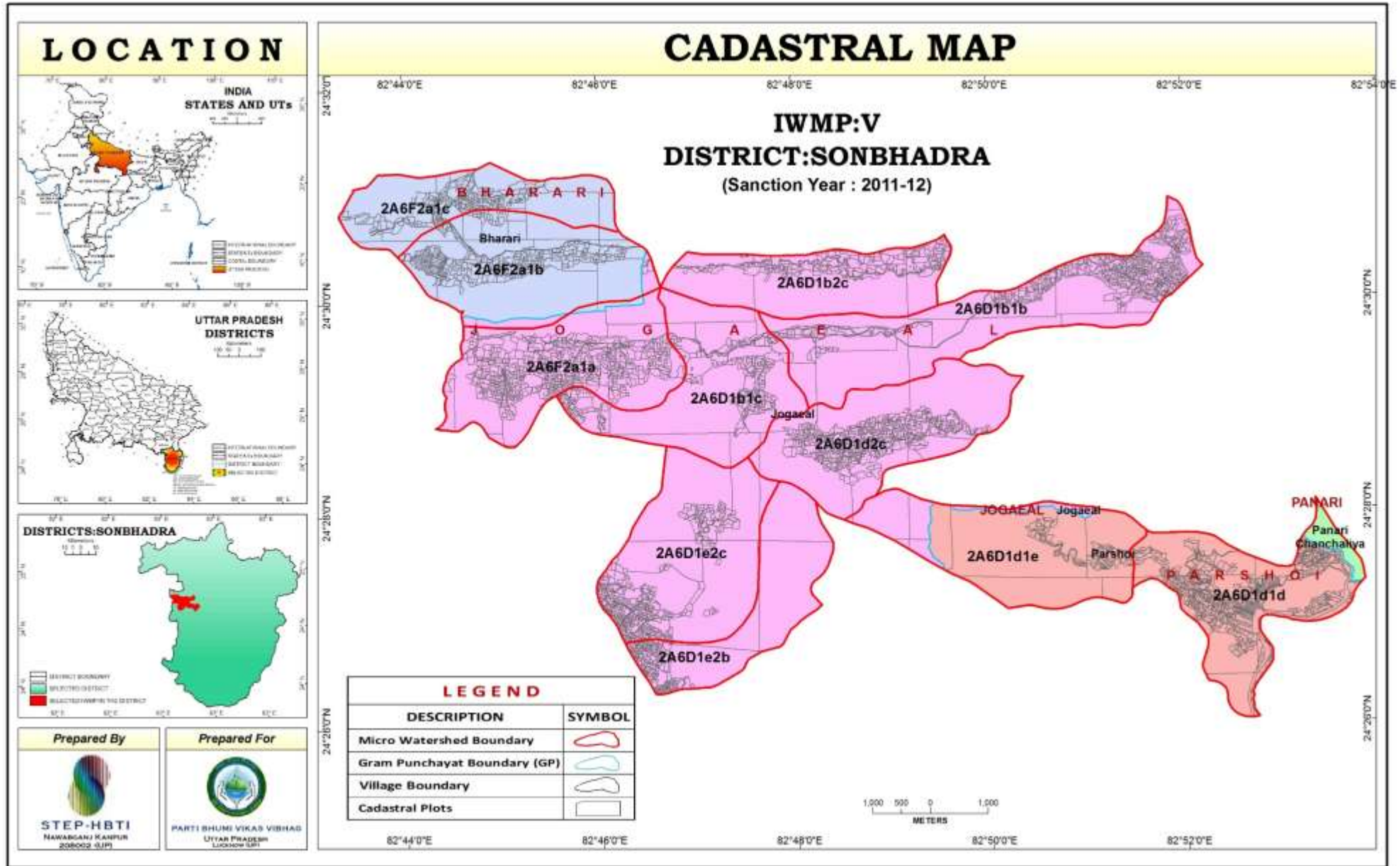


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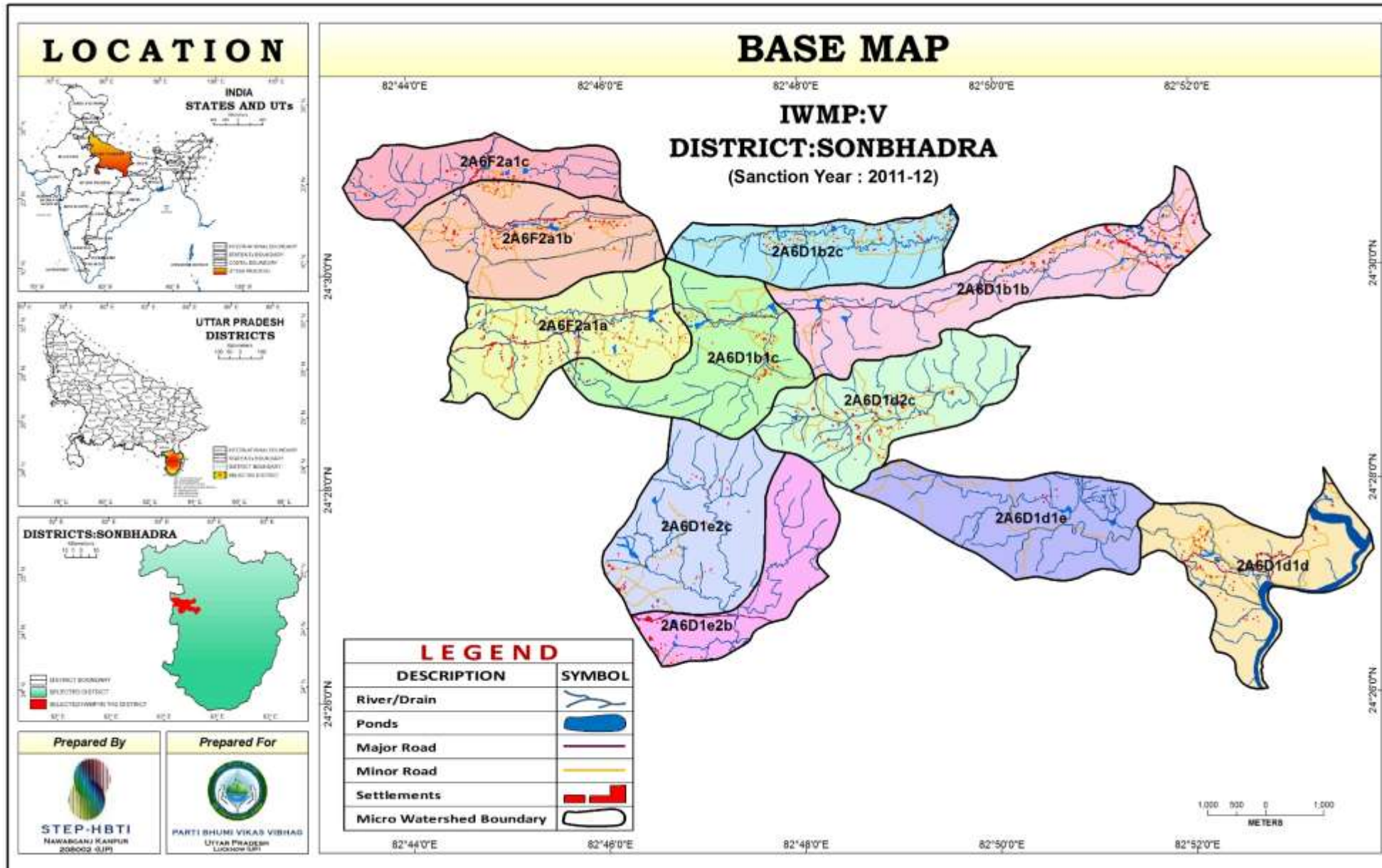




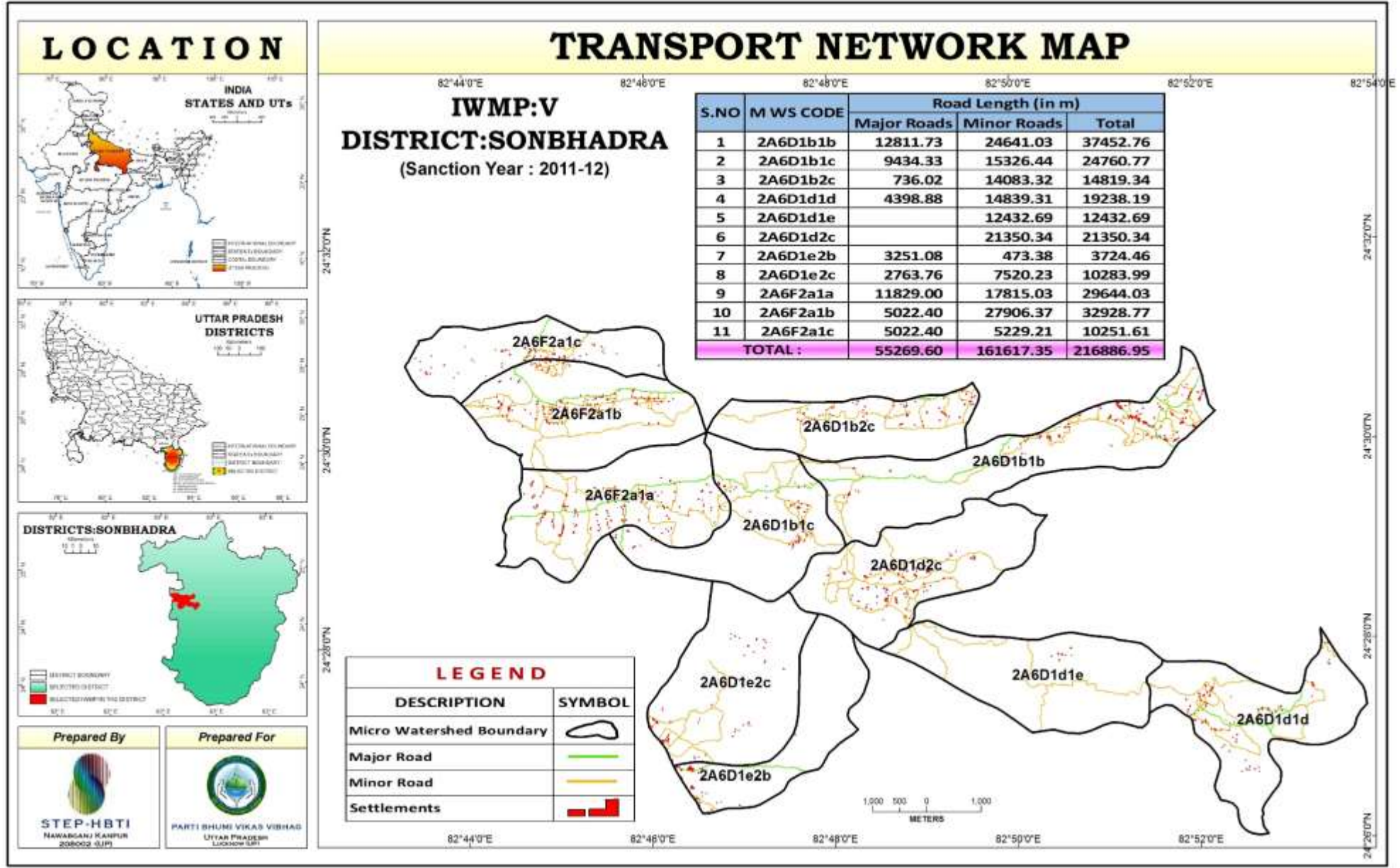
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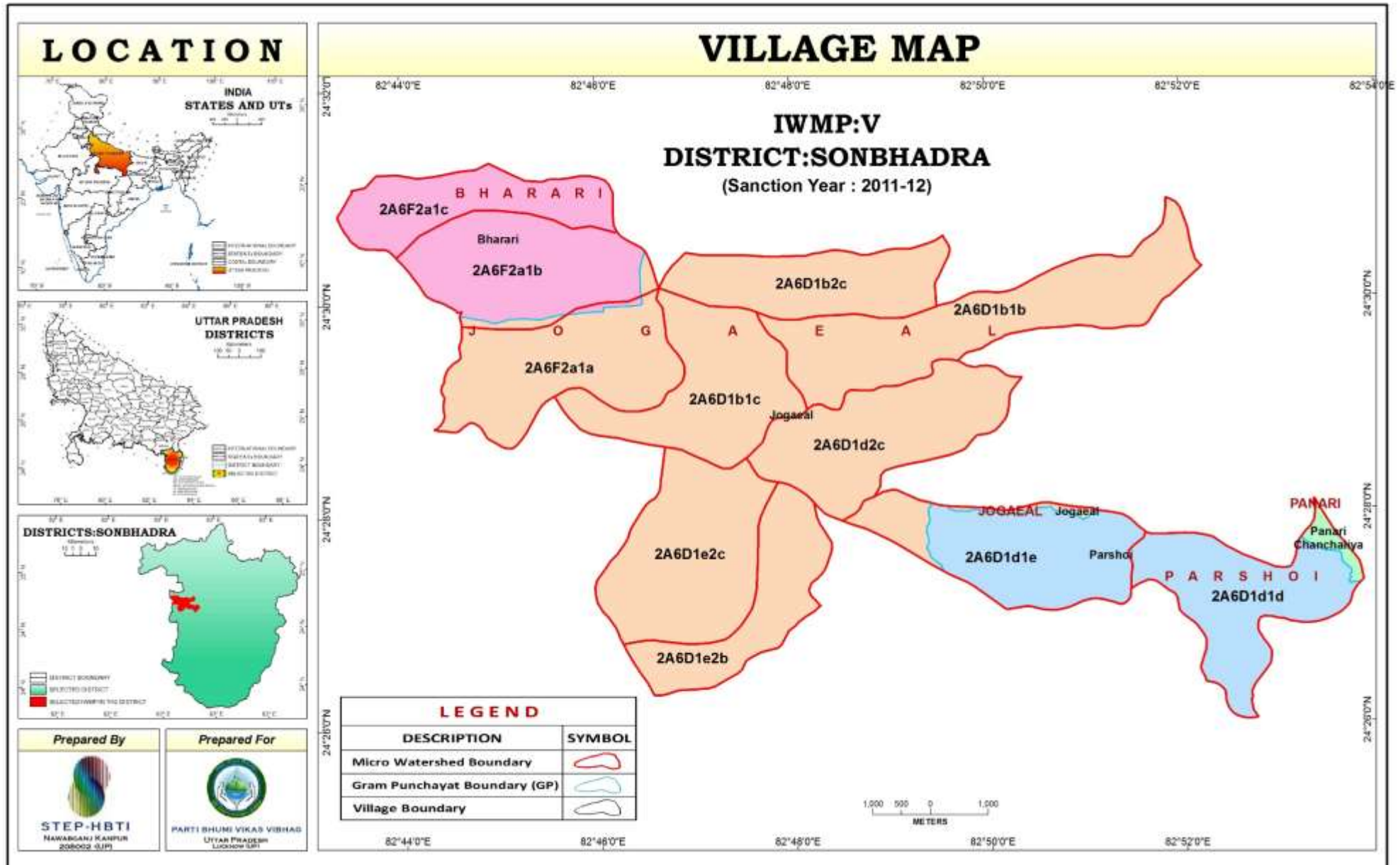
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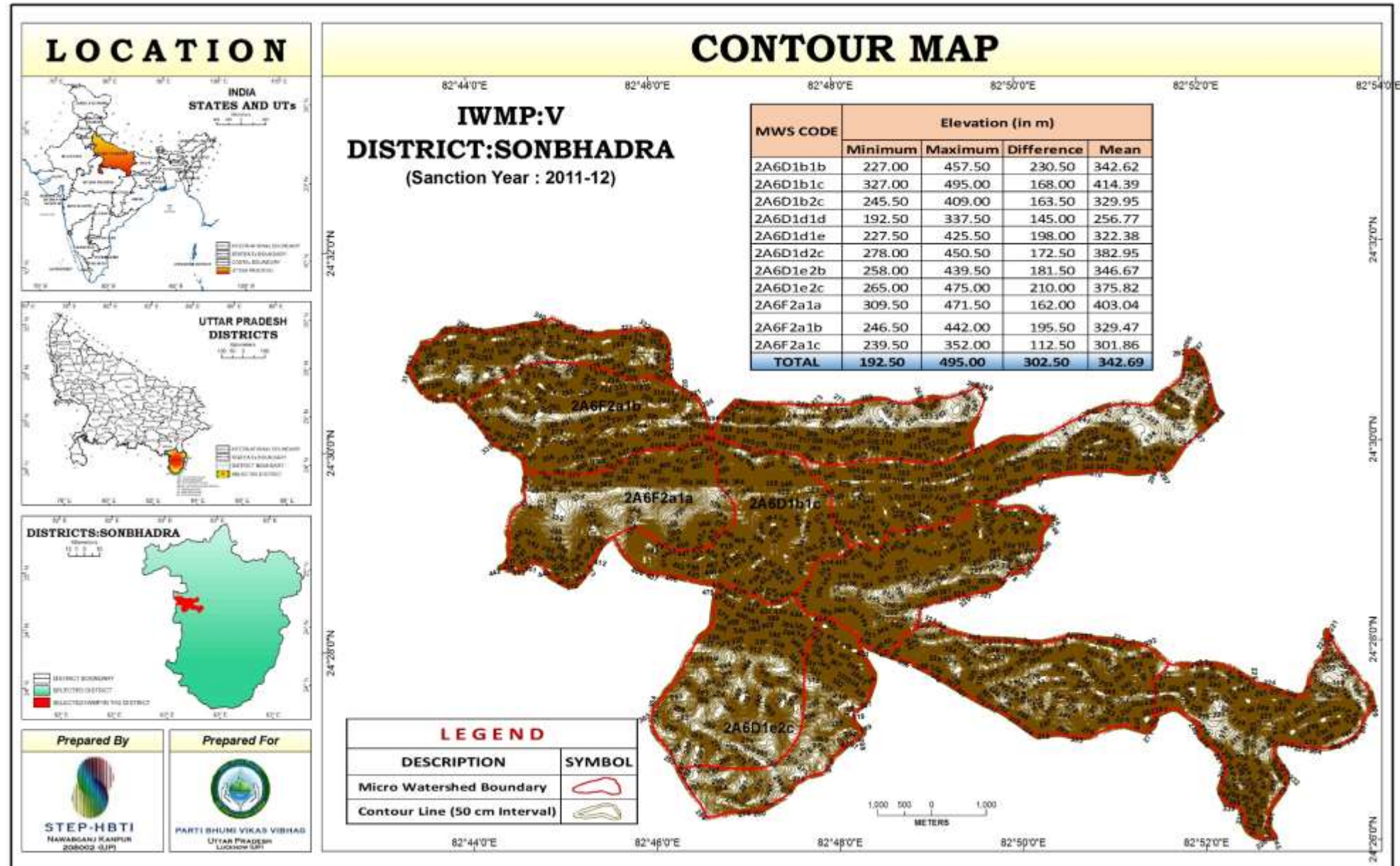


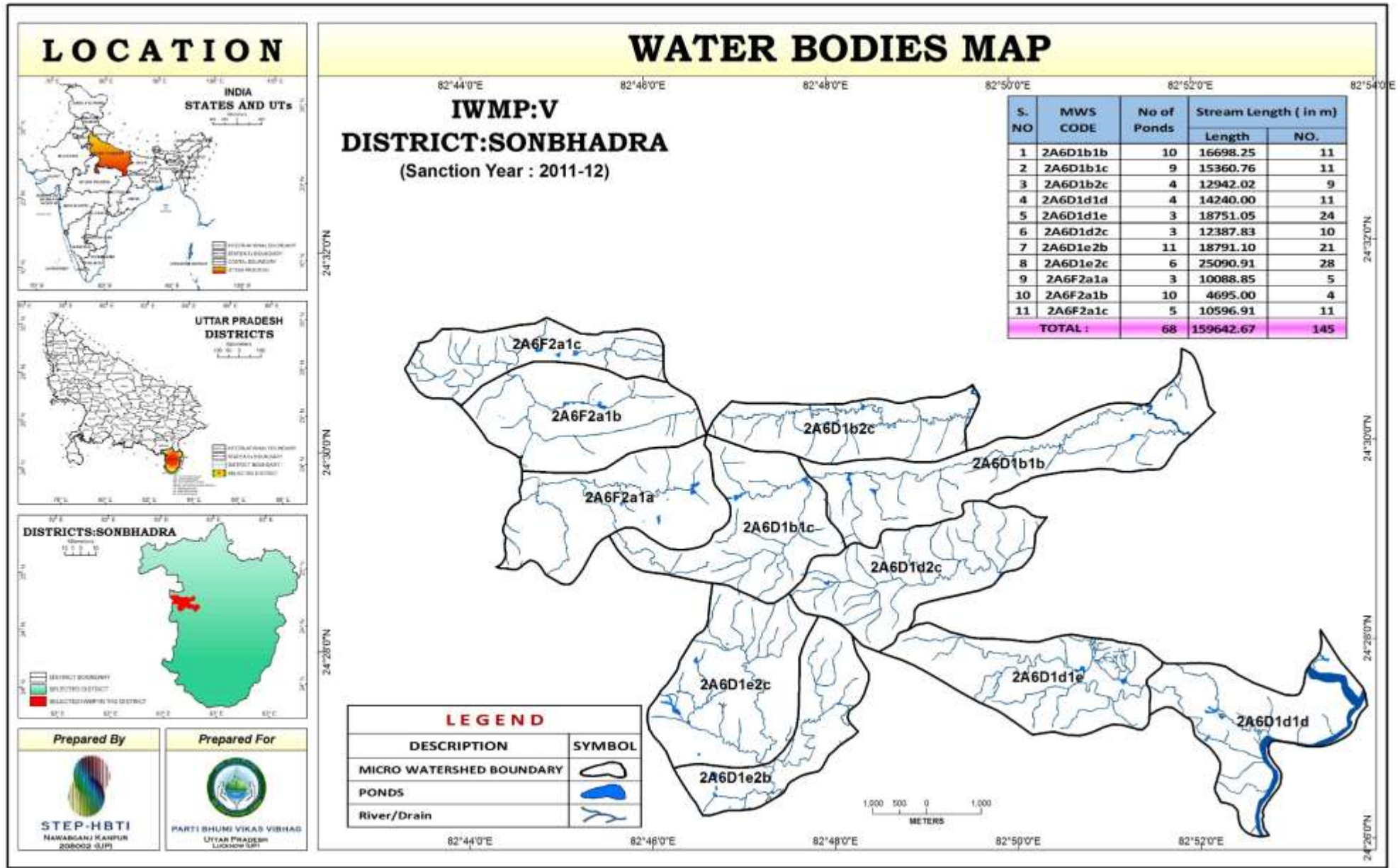


THEMATIC MAPS



THEMATIC MAPS



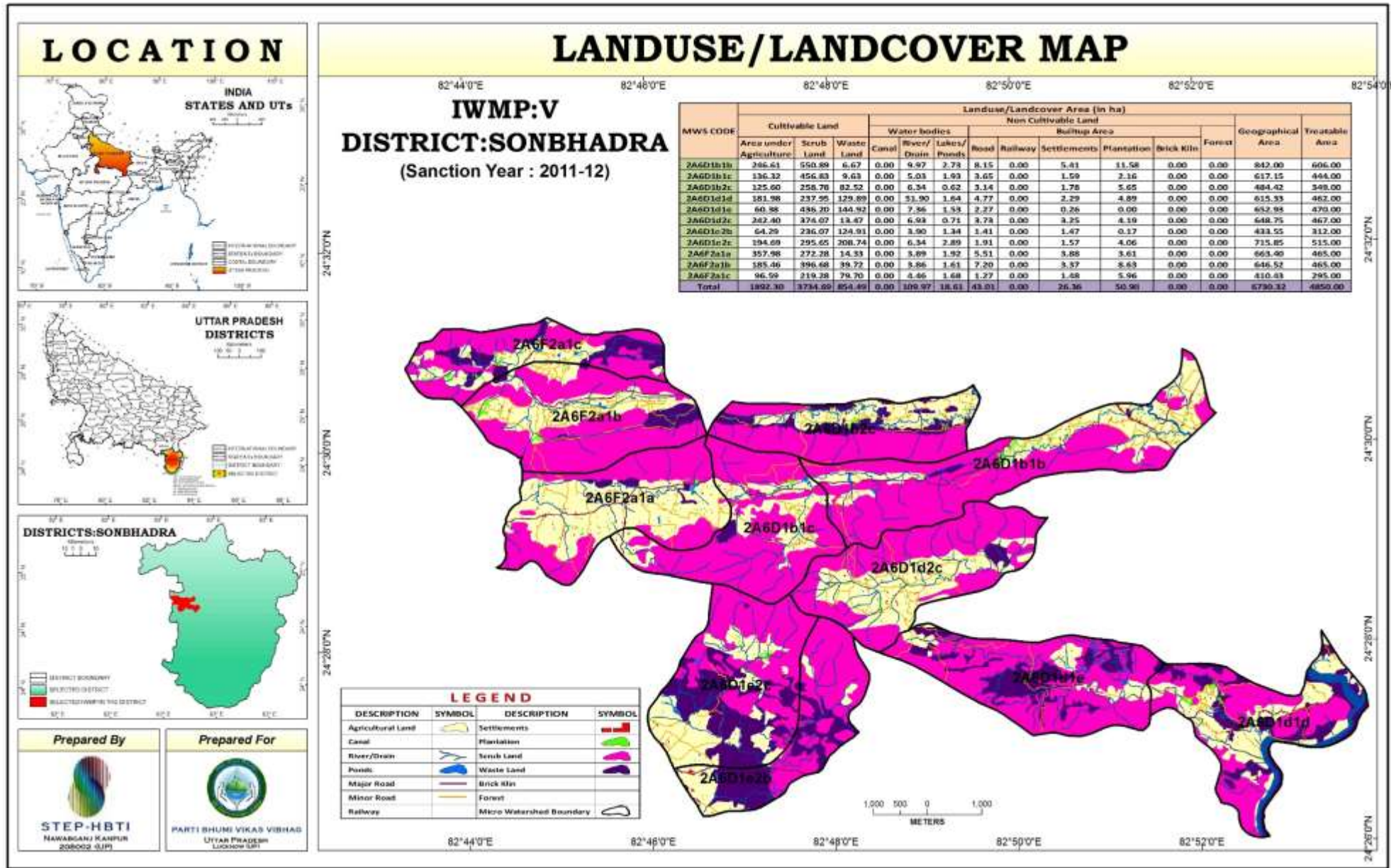


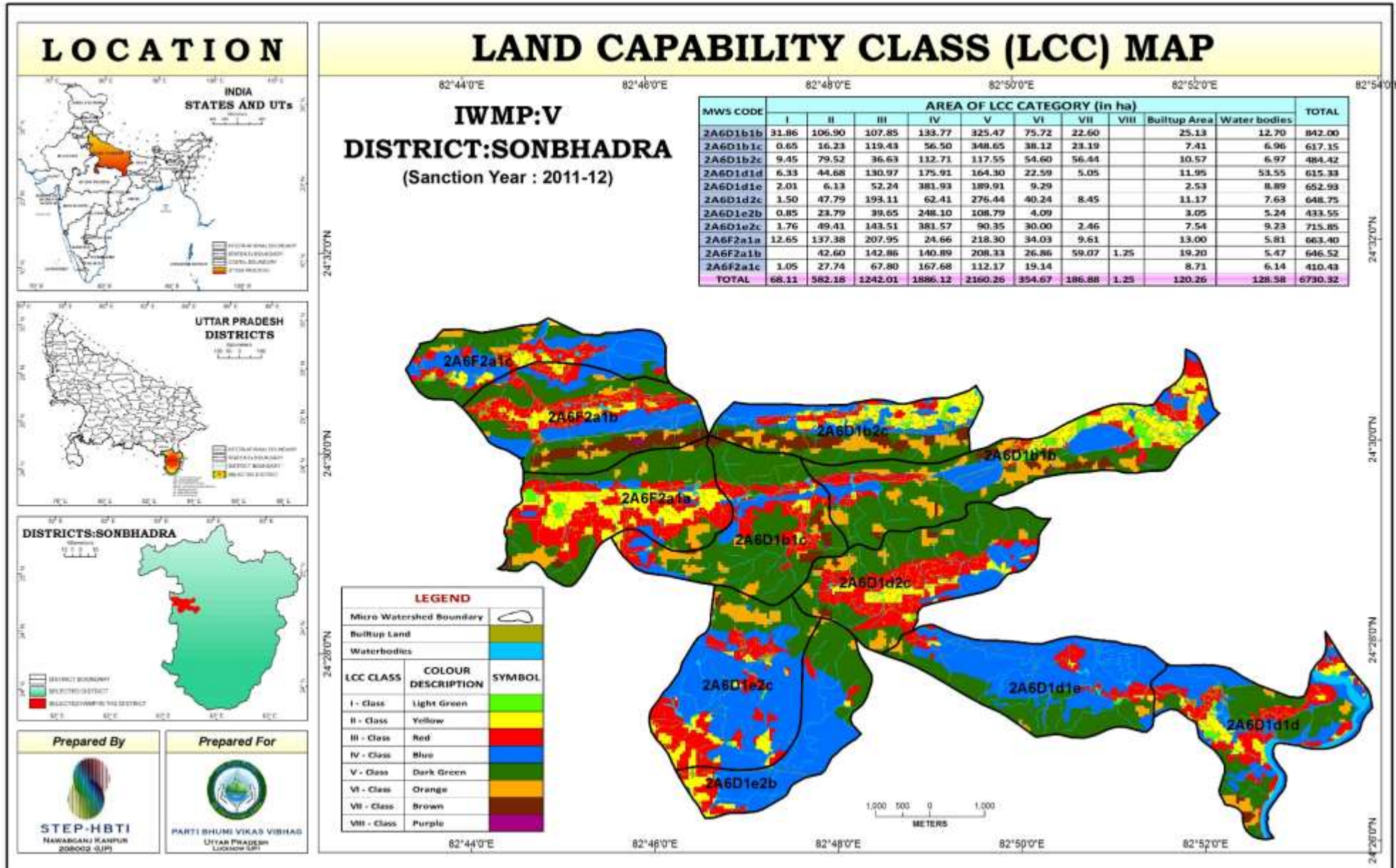
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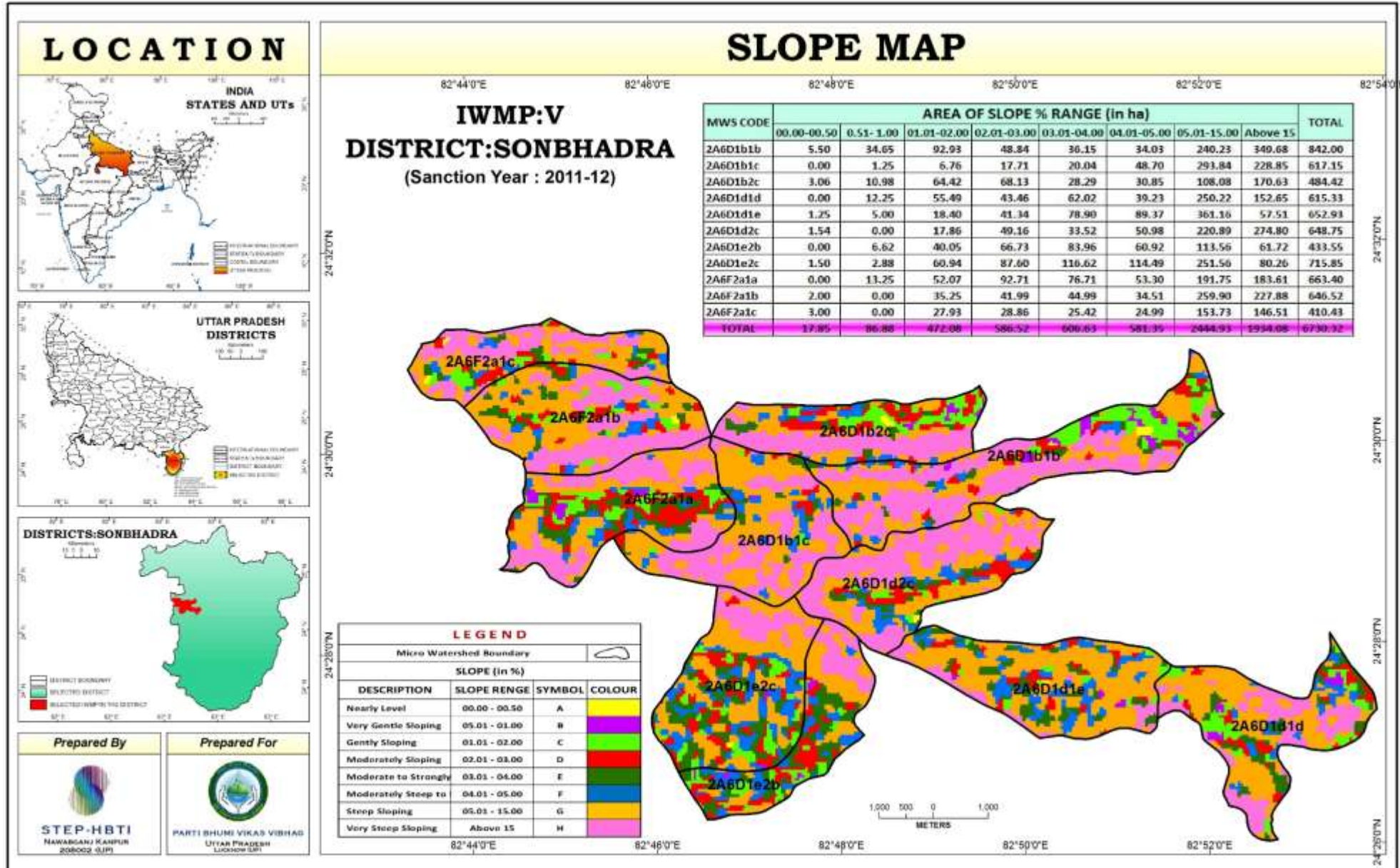
**STEP-HBTI**  
NAWABGANJ KANPUR  
208002 (UP)

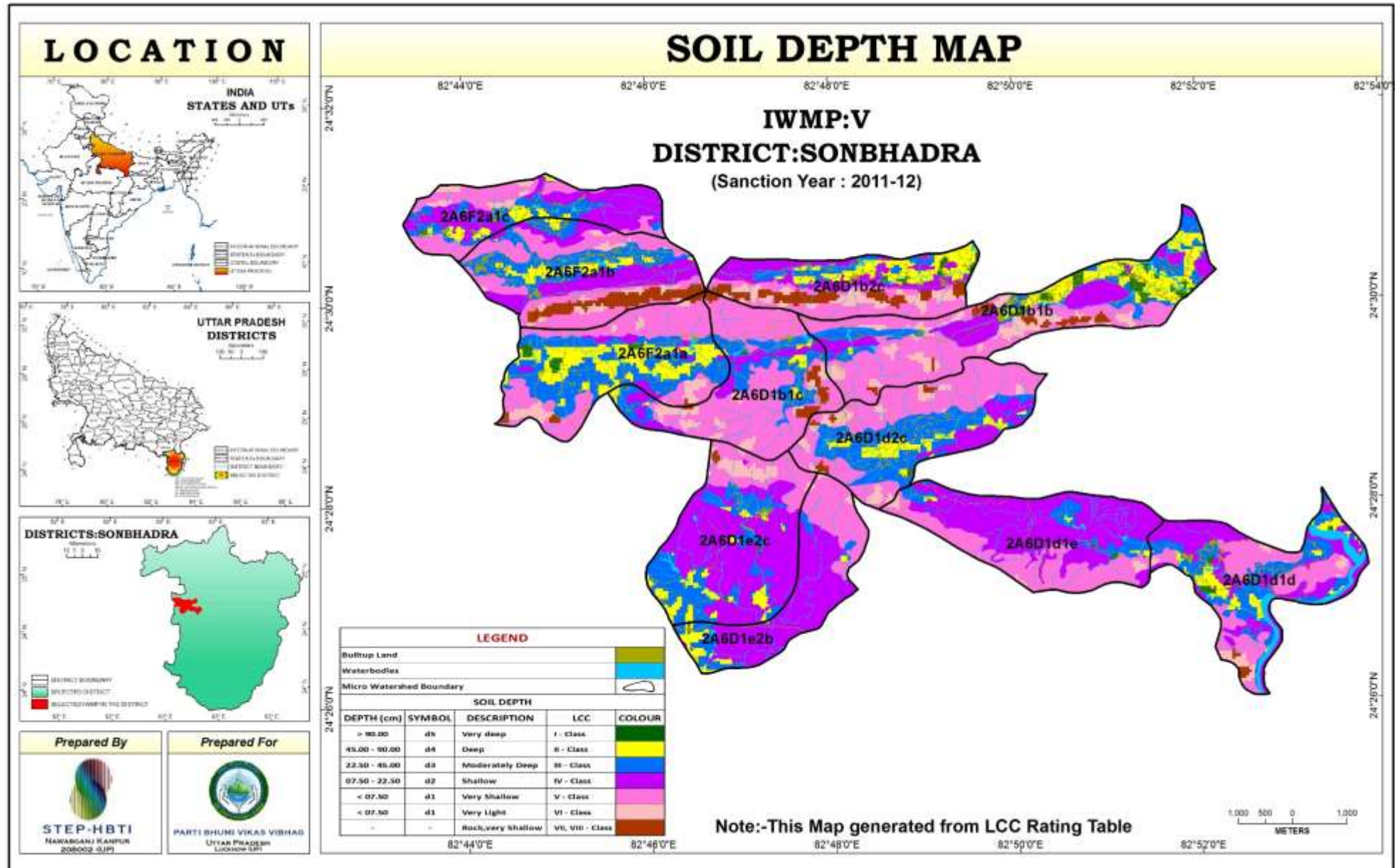
**Prepared For**

**PARTI BHUMI VIKAS VIBHAD**  
UTTAR PRADESH  
LUCKNOW (UP)



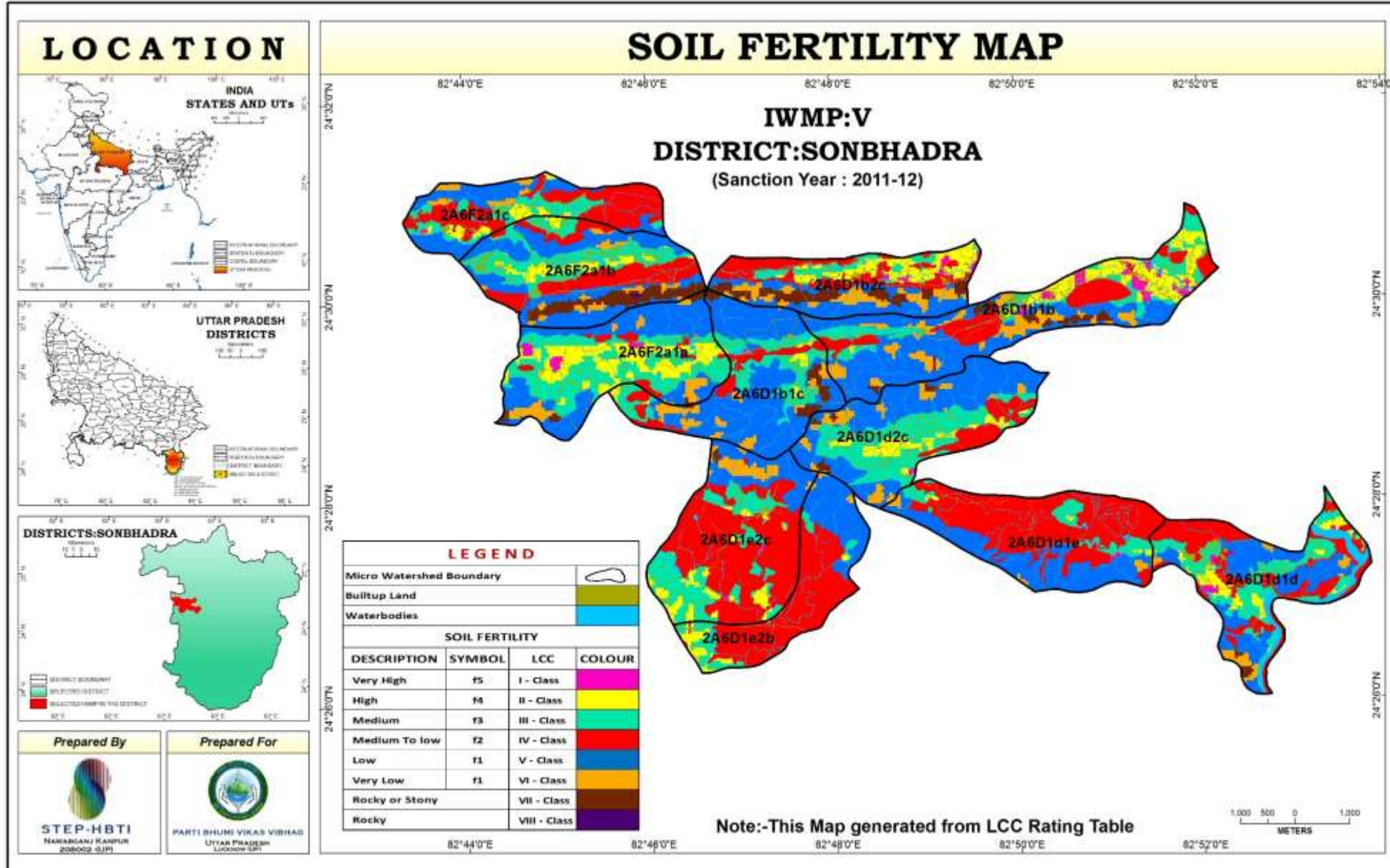


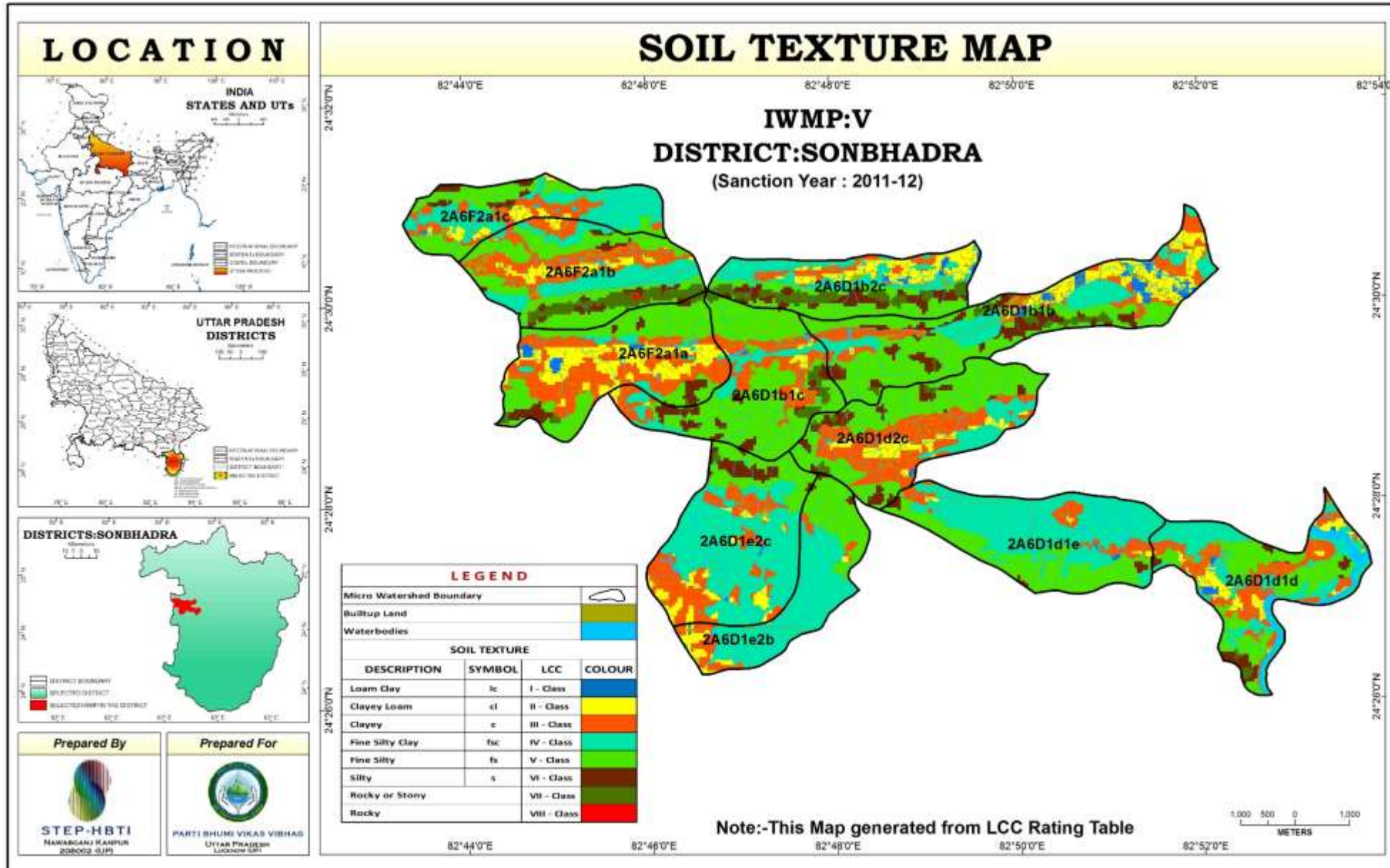


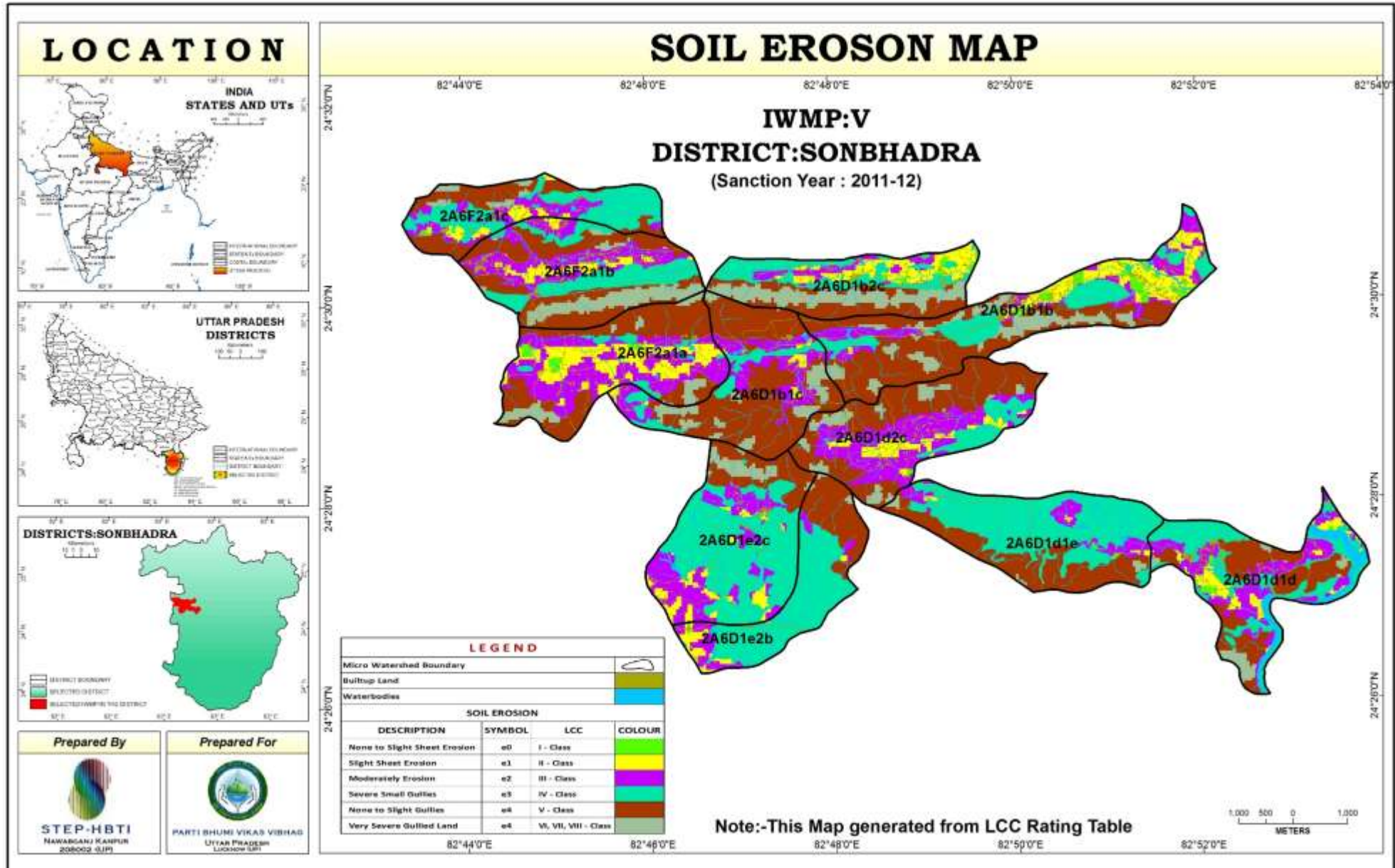




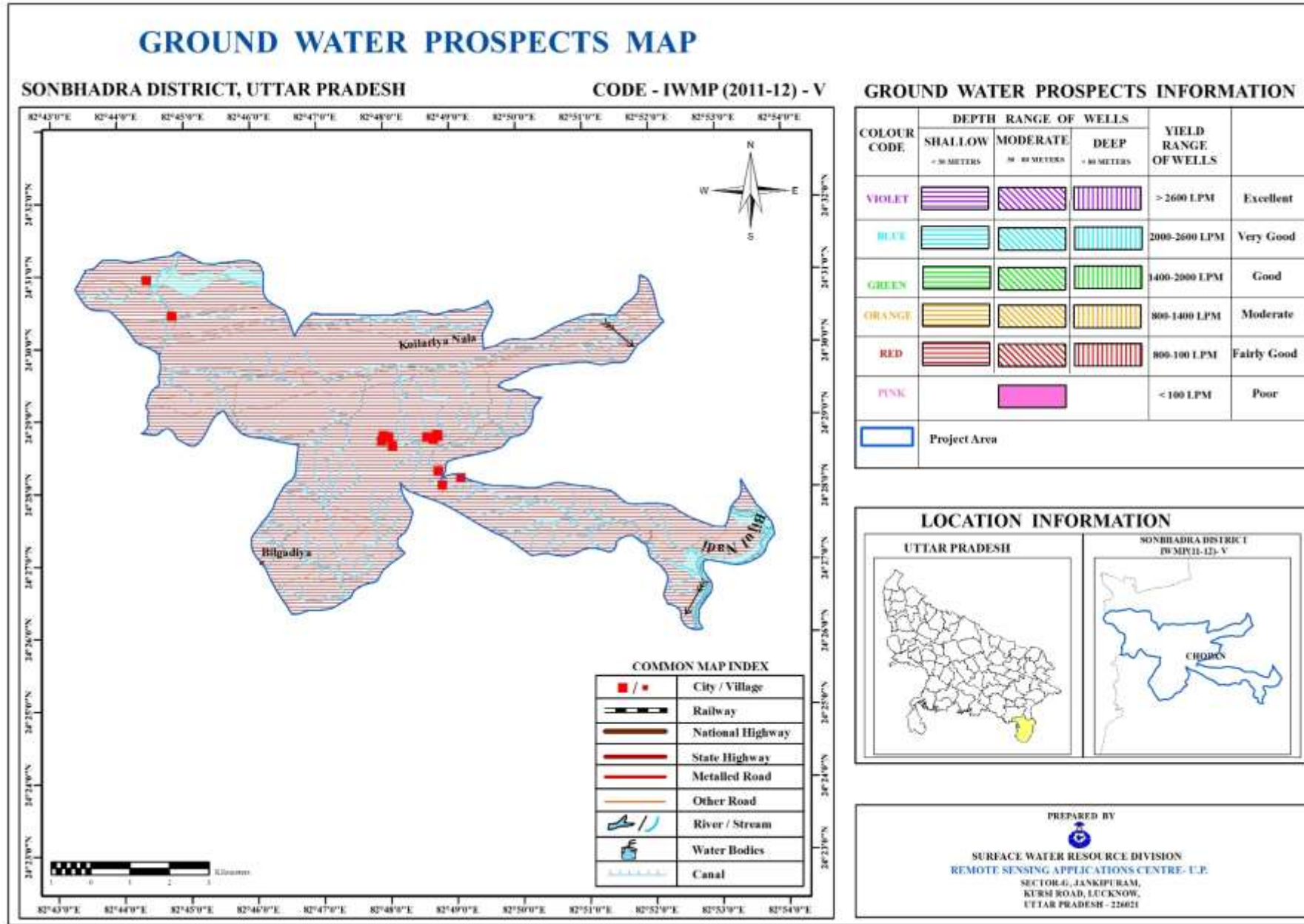
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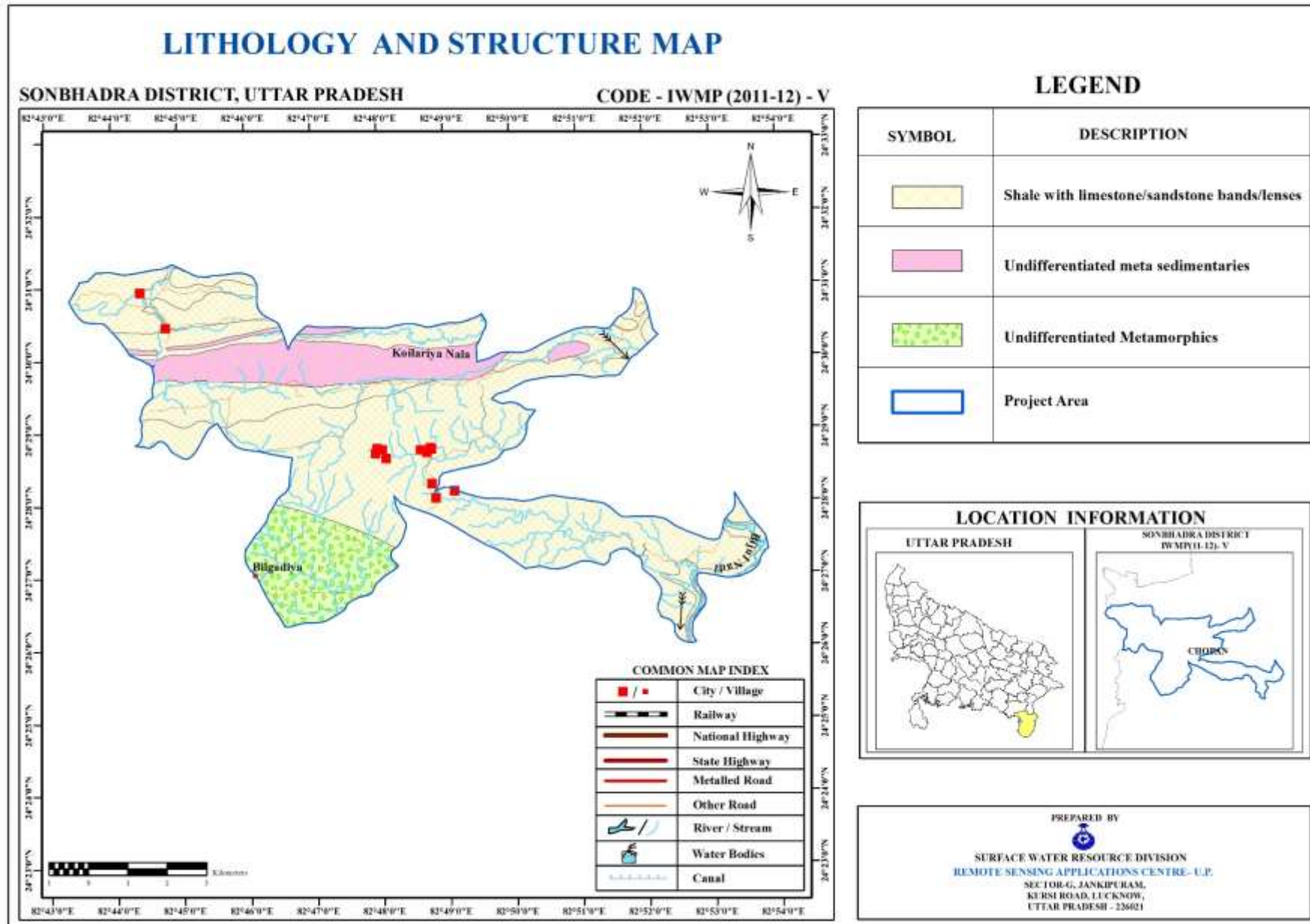




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



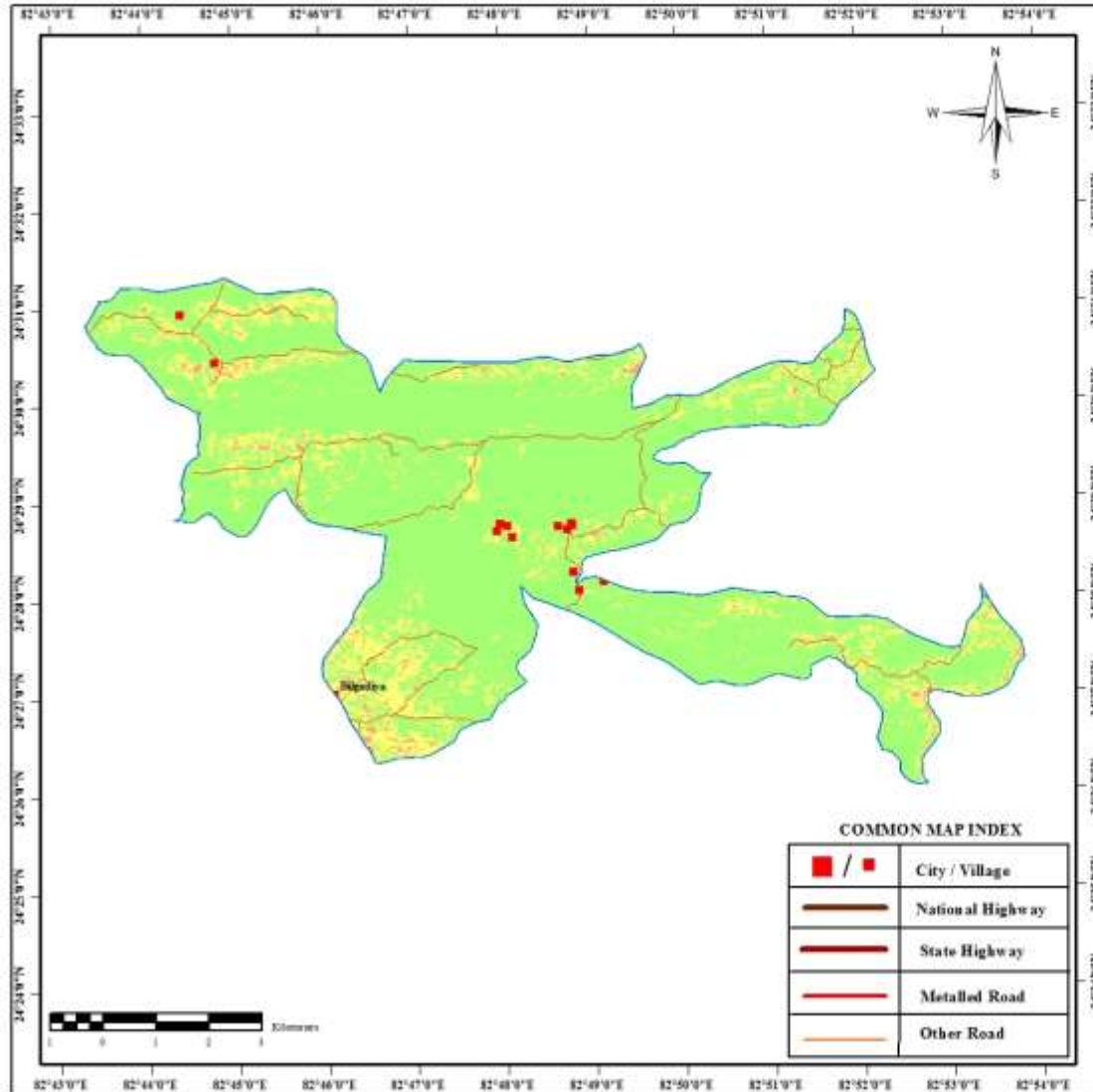
## NORMALIZED DIFFERENCE VEGETATION INDEX (NDVI) MAP

SONBHADRA DISTRICT, UTTAR PRADESH

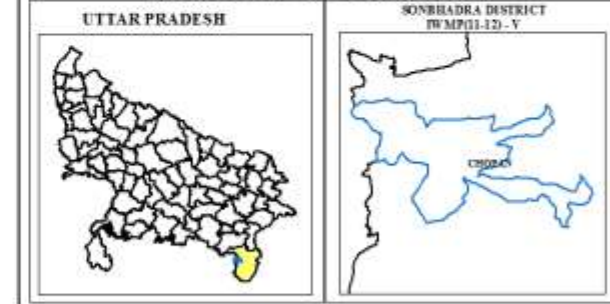
CODE - IWMP (2011-12) - V

### LEGEND

SYMBOL	RANGE OF NDVI	DESCRIPTION
	-1.00 - 0.25	Other Land use Categories
	0.26 - 0.40	Agriculture Land
	0.41 - 1.00	Forest/ Plantation
		Project Area



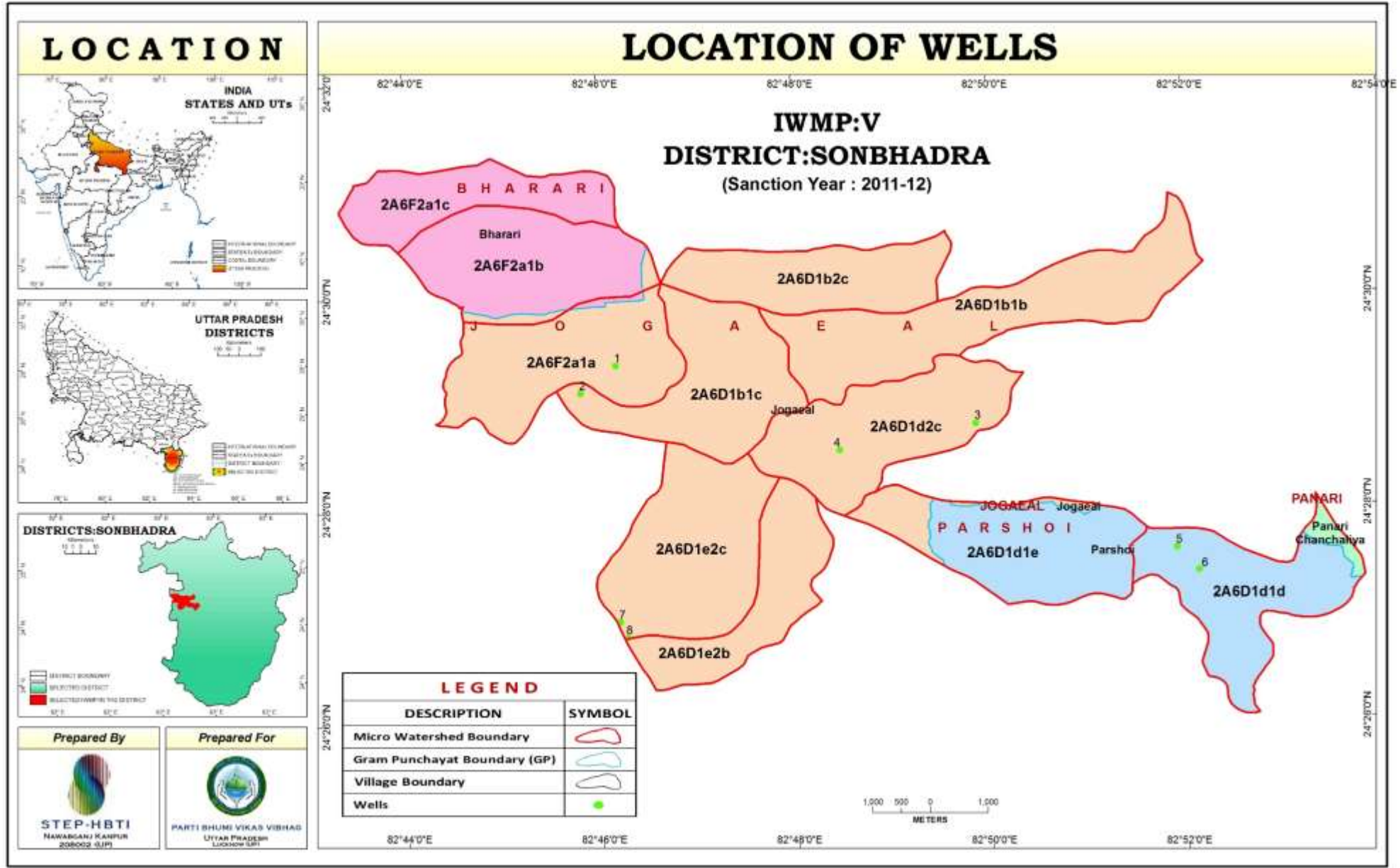
### LOCATION INFORMATION



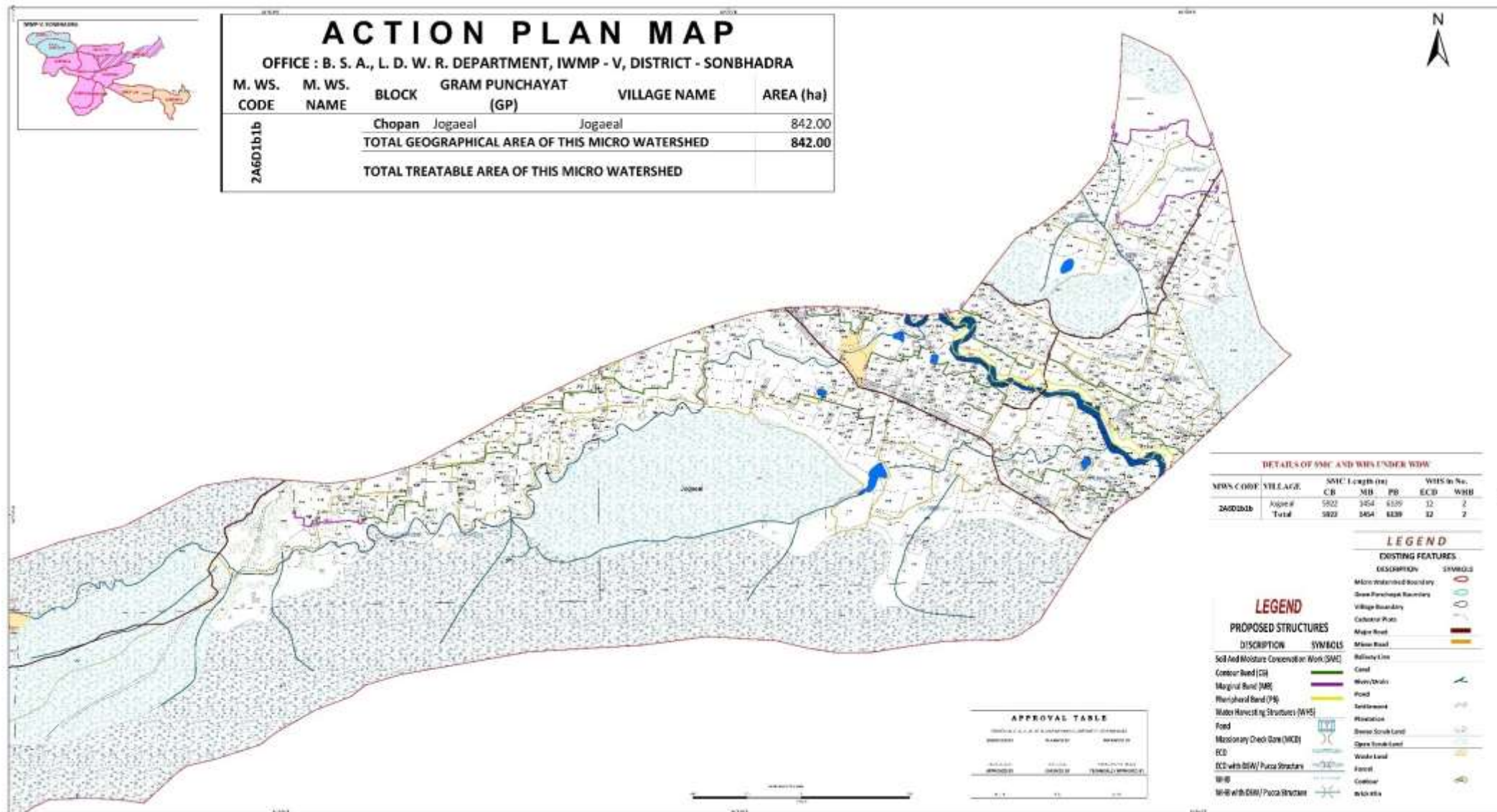
PREPARED BY

  
SURFACE WATER RESOURCE DIVISION  
REMOTE SENSING APPLICATIONS CENTRE - U.P.  
SECTOR-G, JANKIPURAM,  
KURSI ROAD, LUCKNOW,  
UTTAR PRADESH - 226021

THEMATIC MAPS

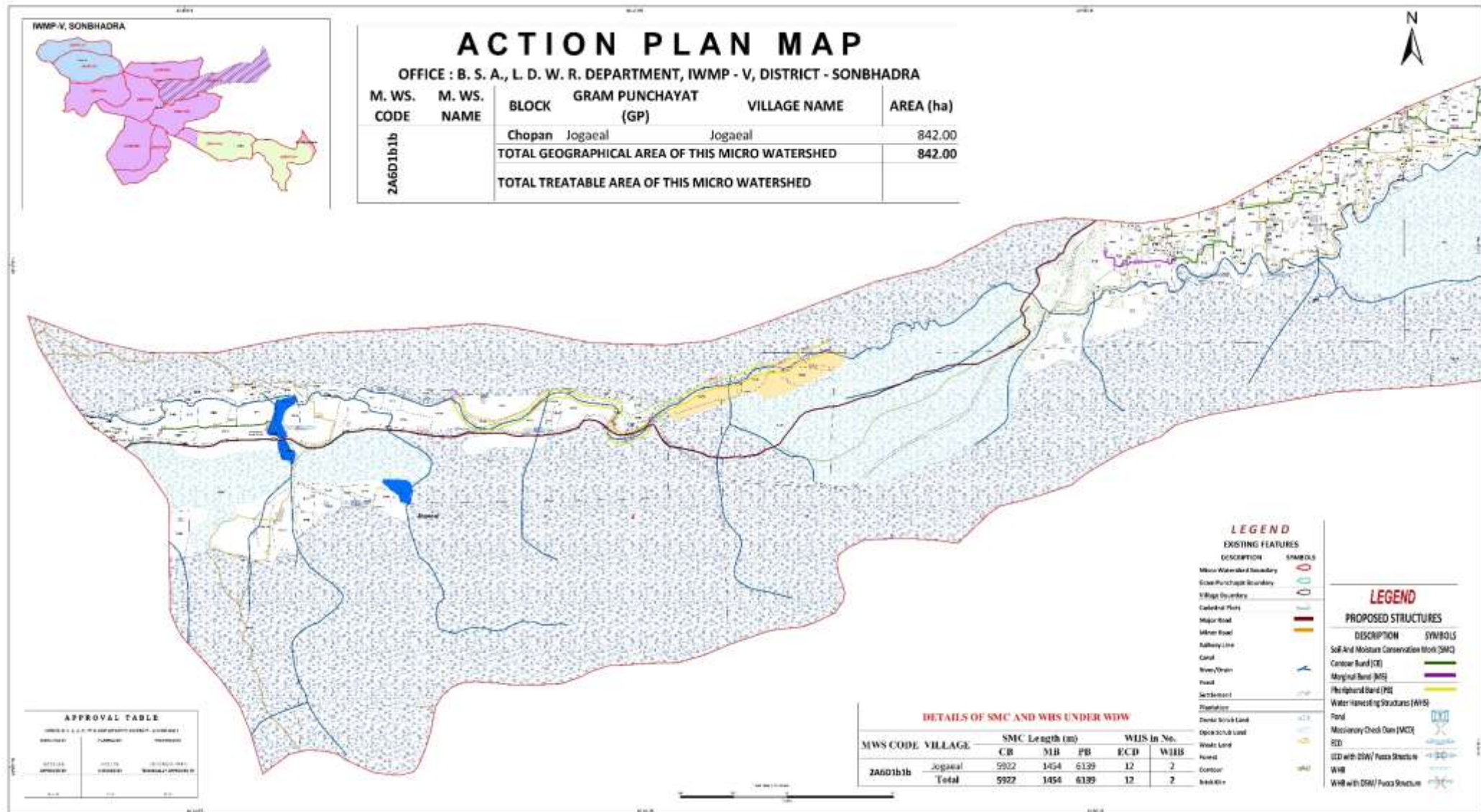


# ACTION PLAN MAPS

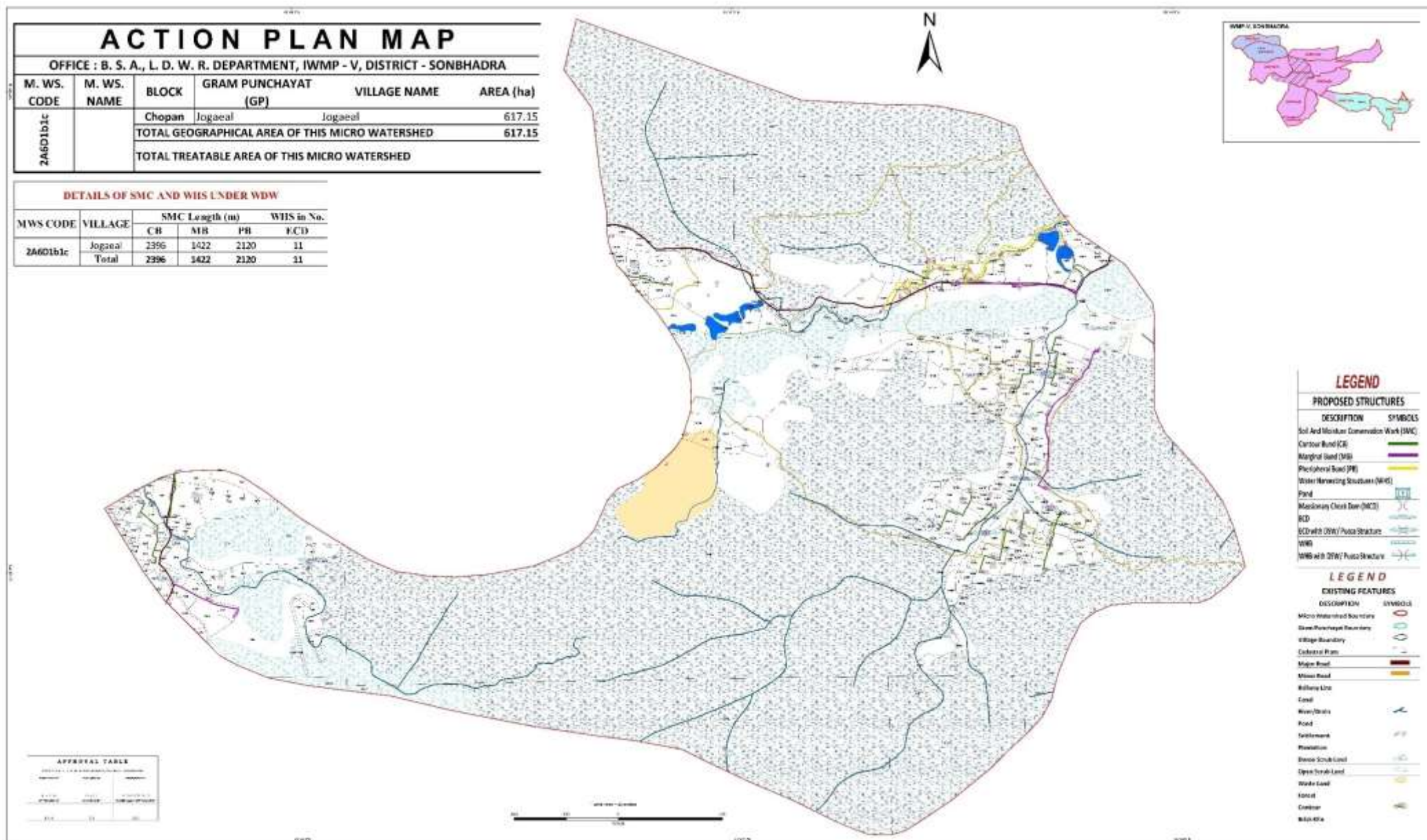




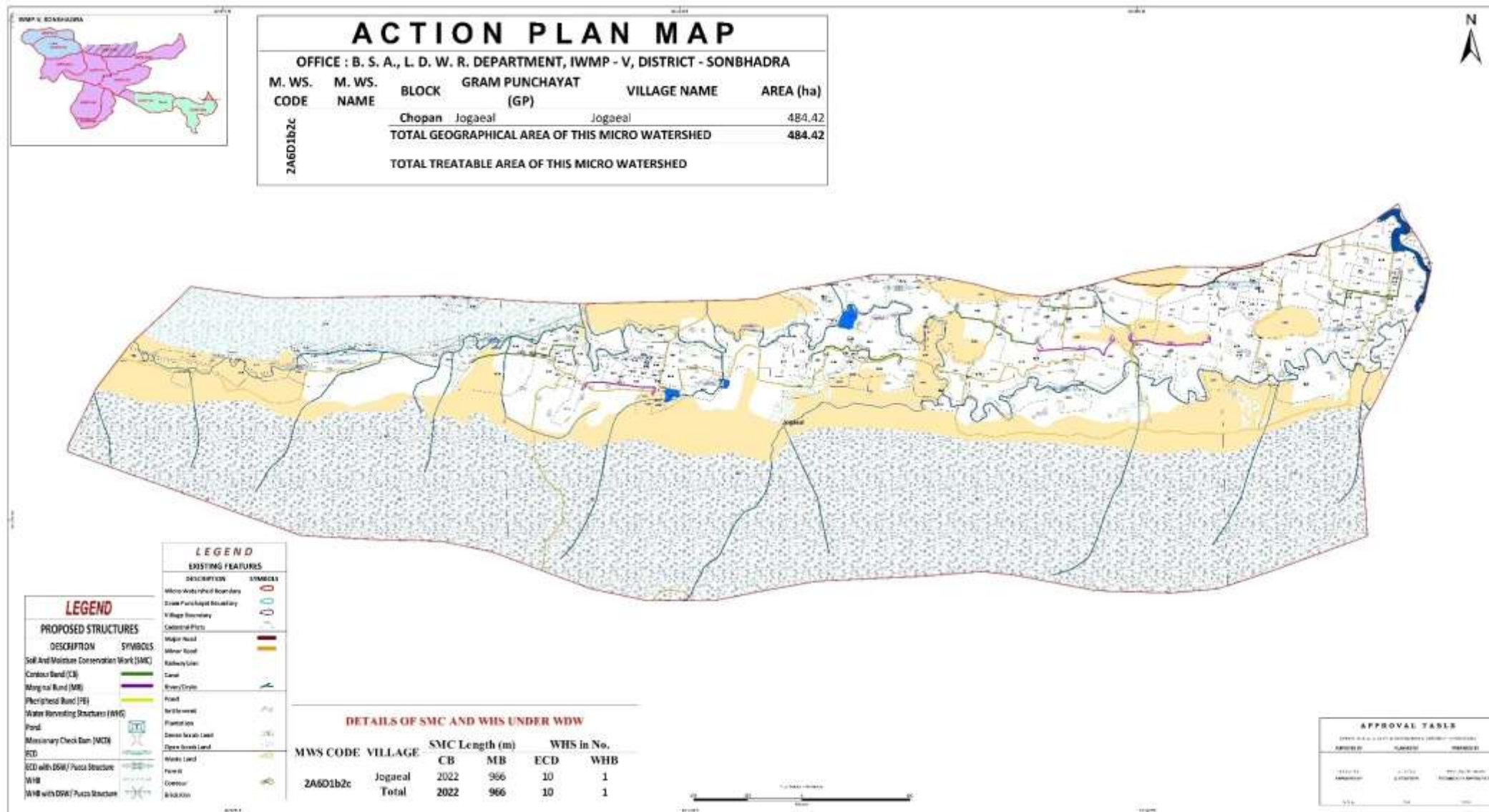
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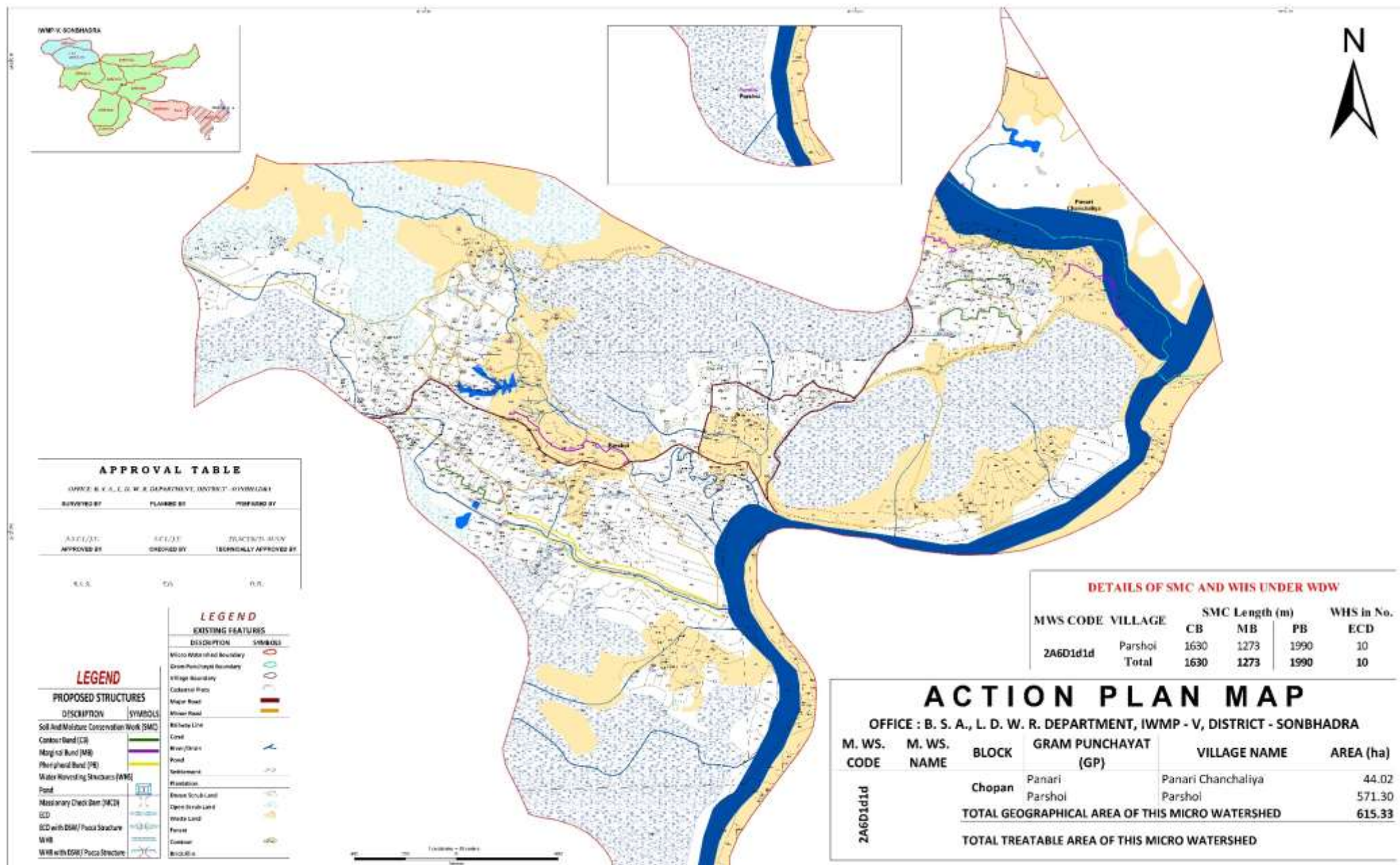
# ACTION PLAN MAPS



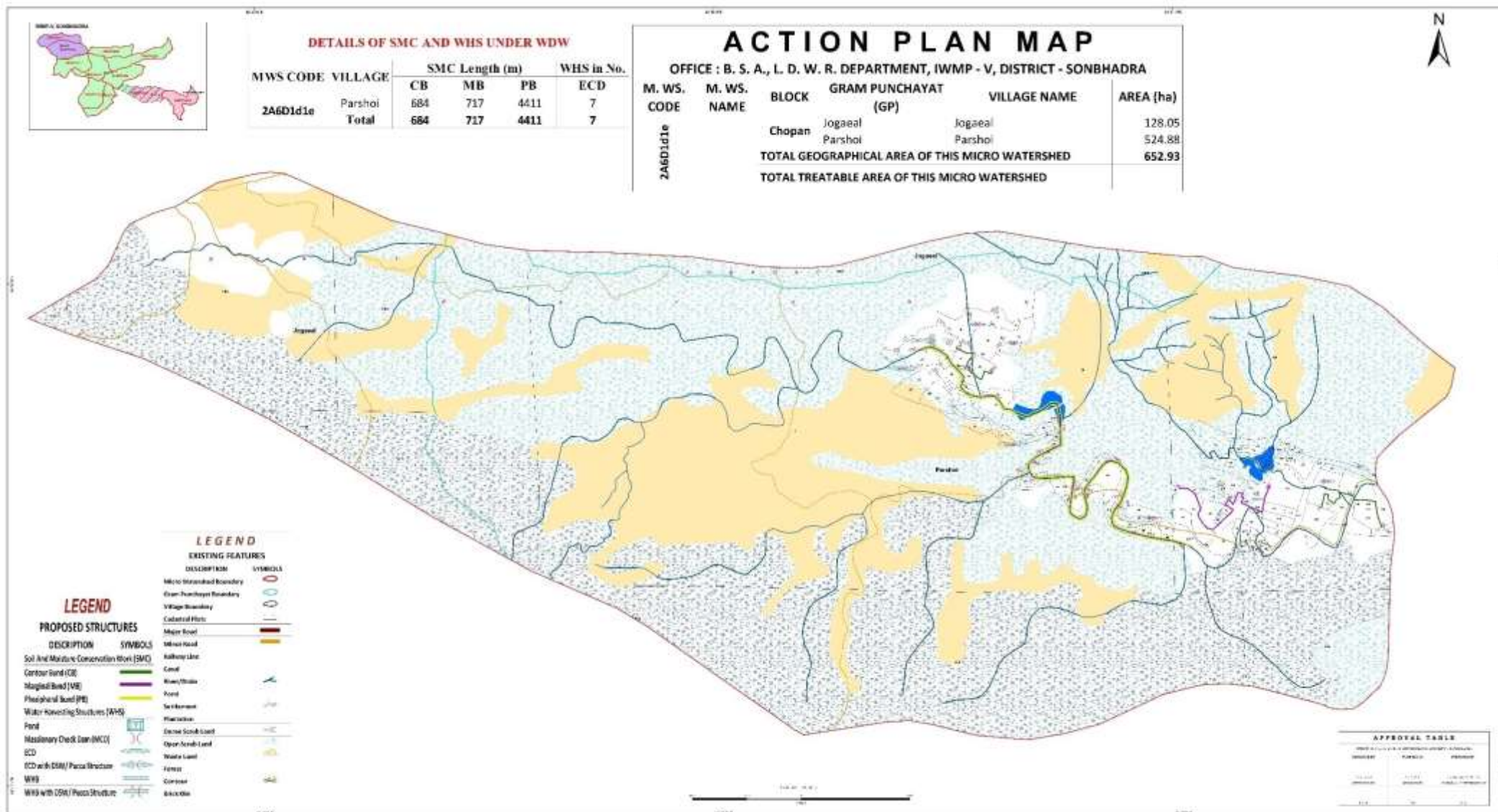
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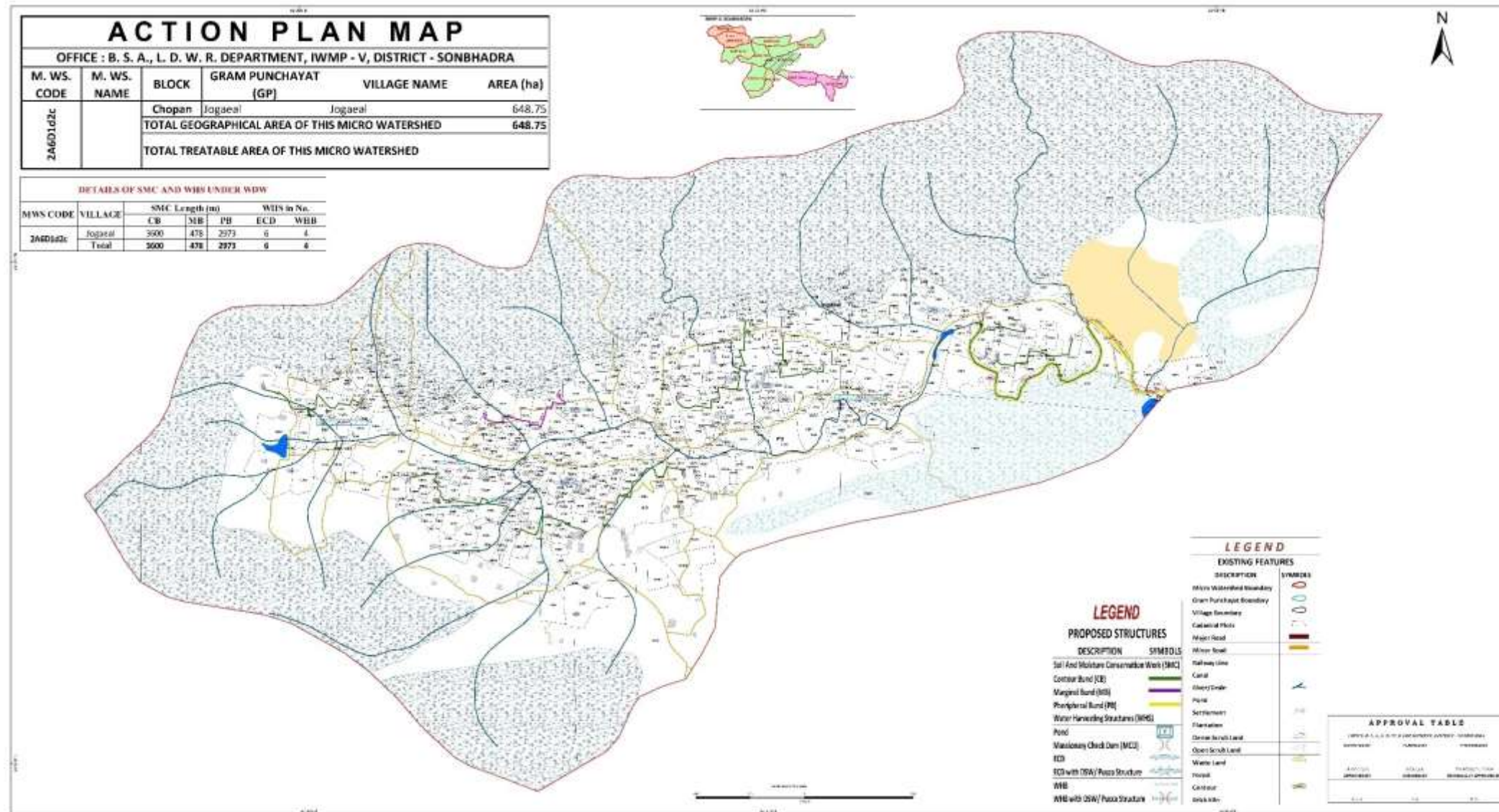
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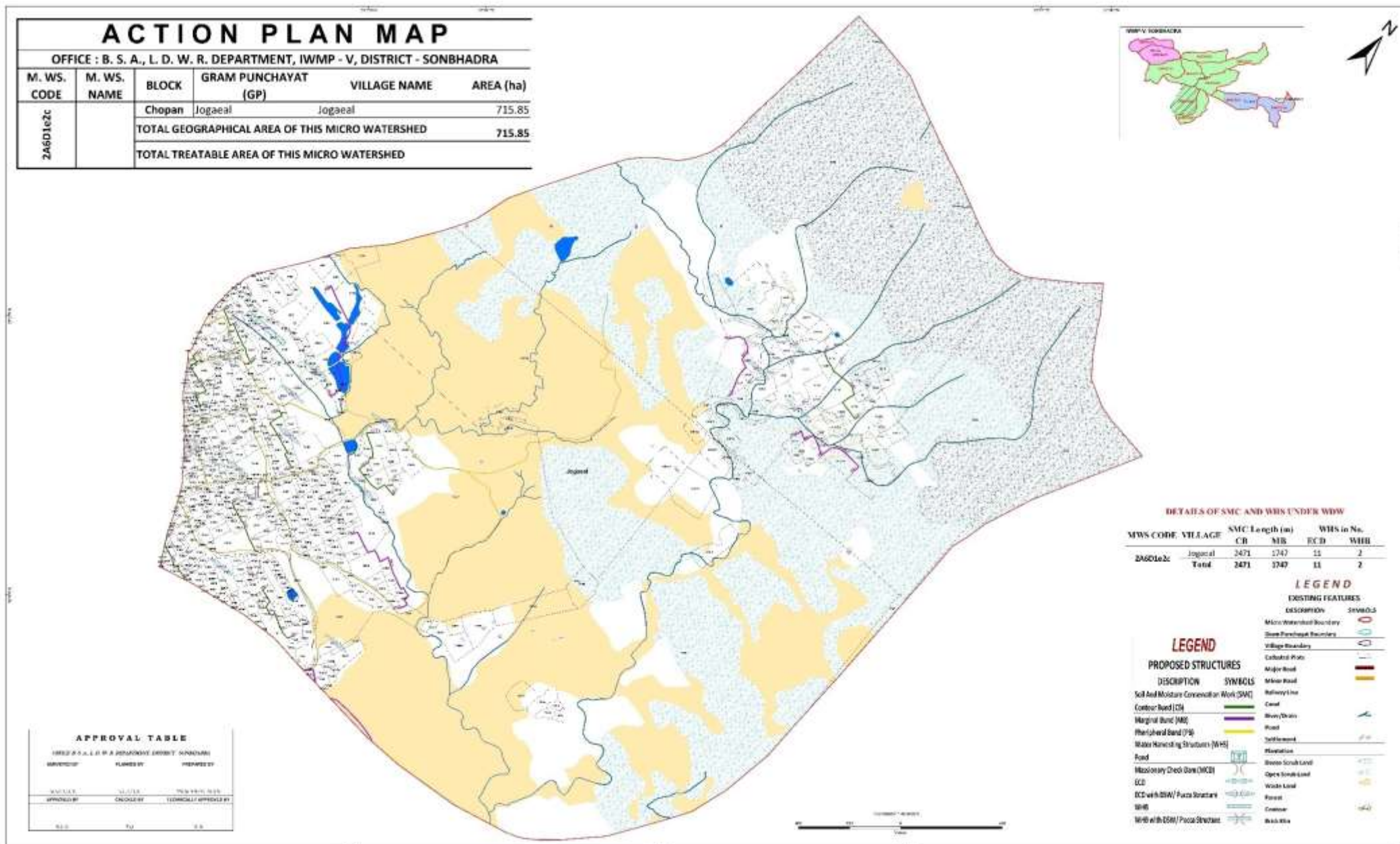
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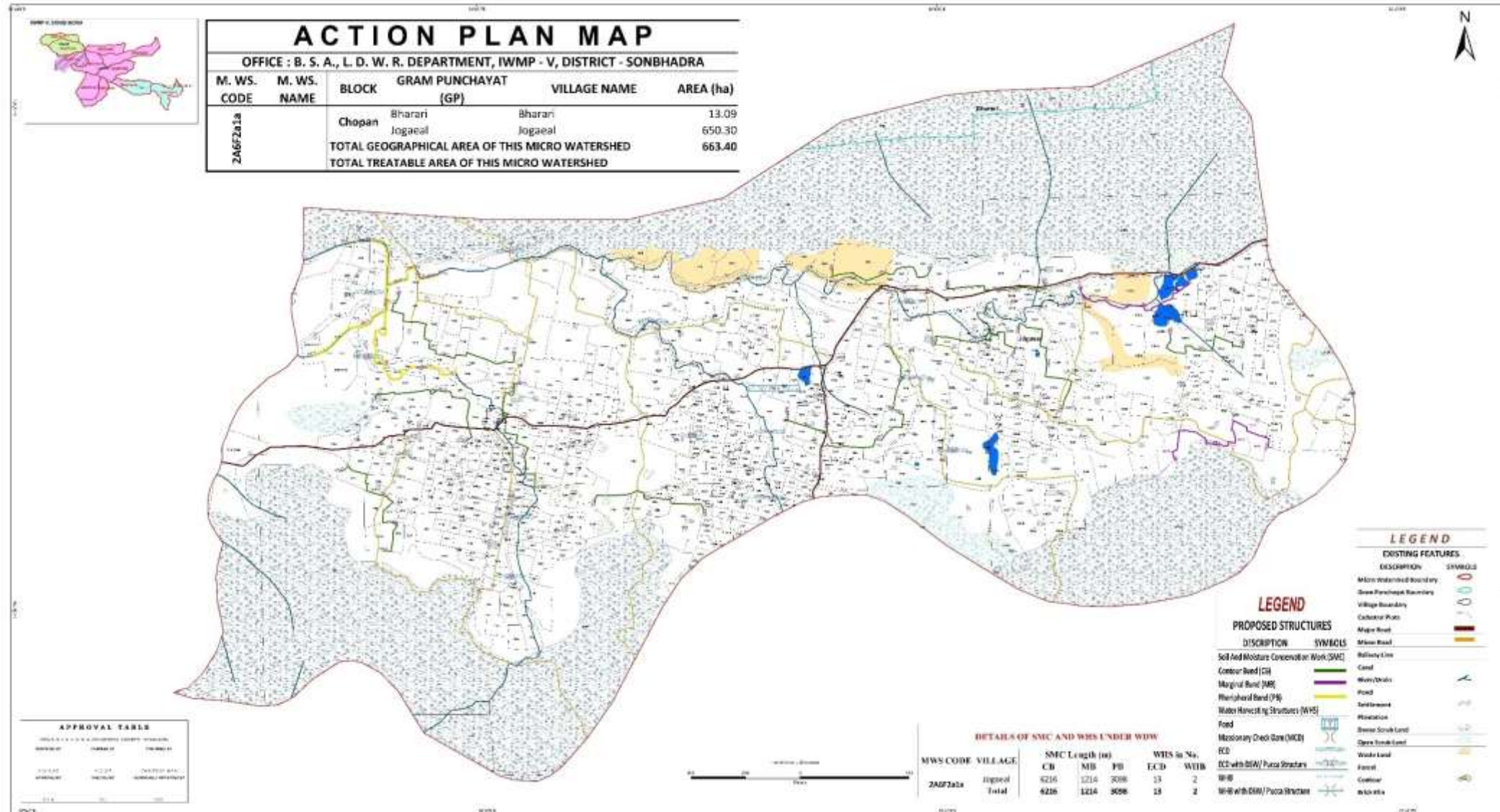
ACTION PLAN MAPS



ACTION PLAN MAPS

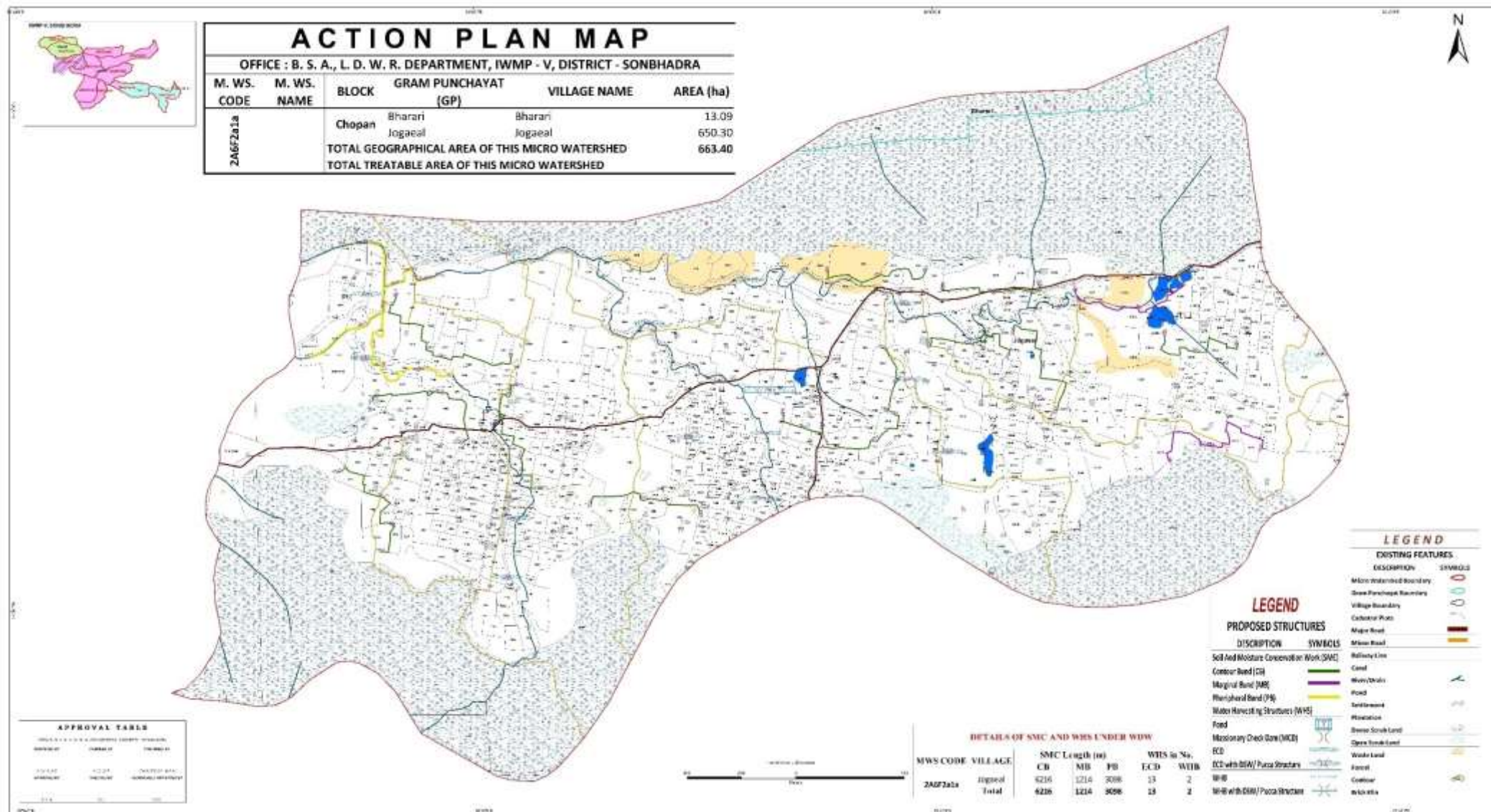


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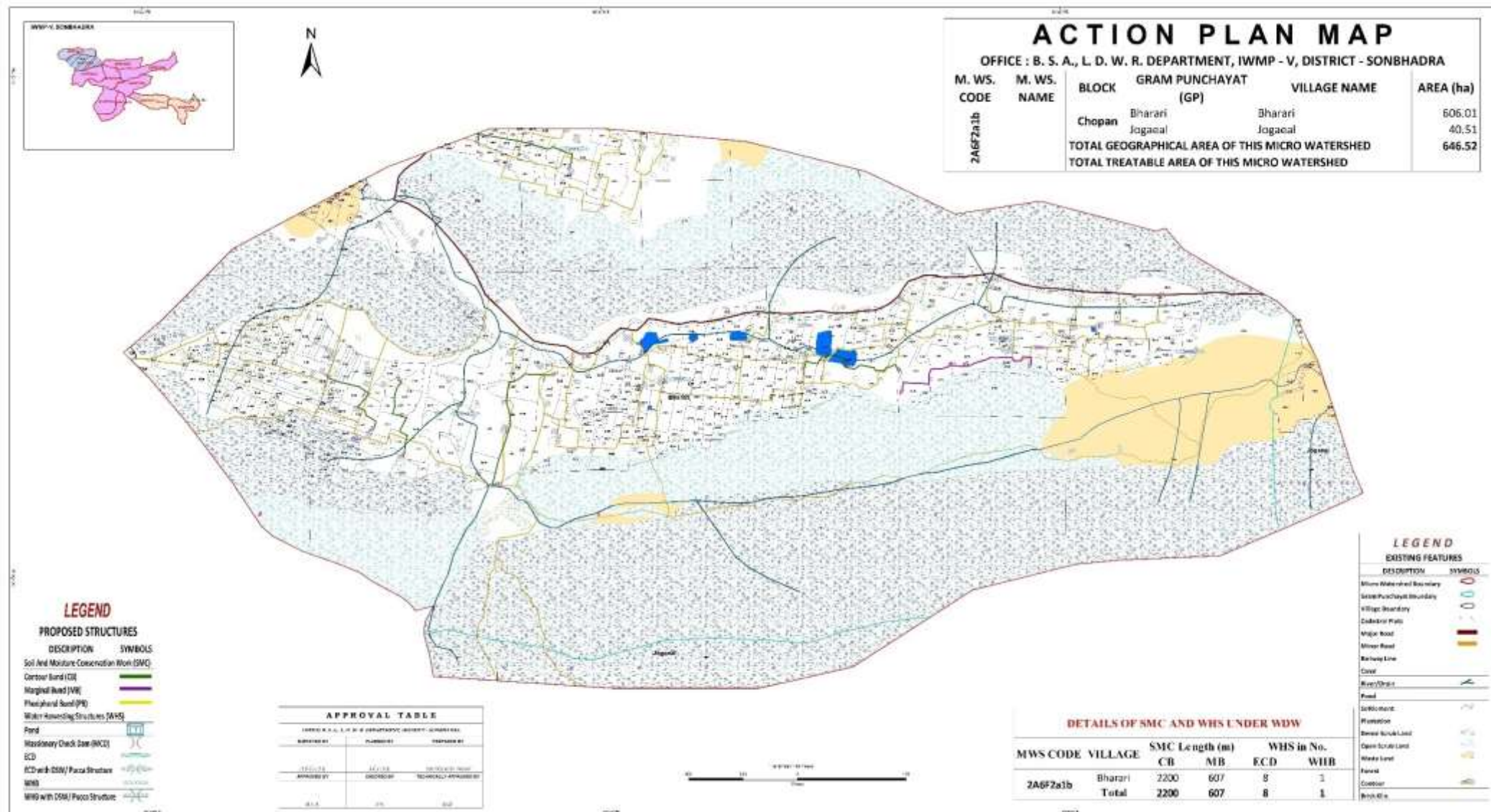




# ACTION PLAN MAPS



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