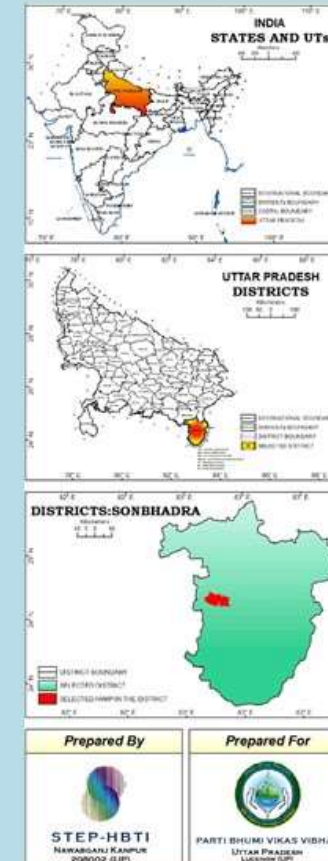
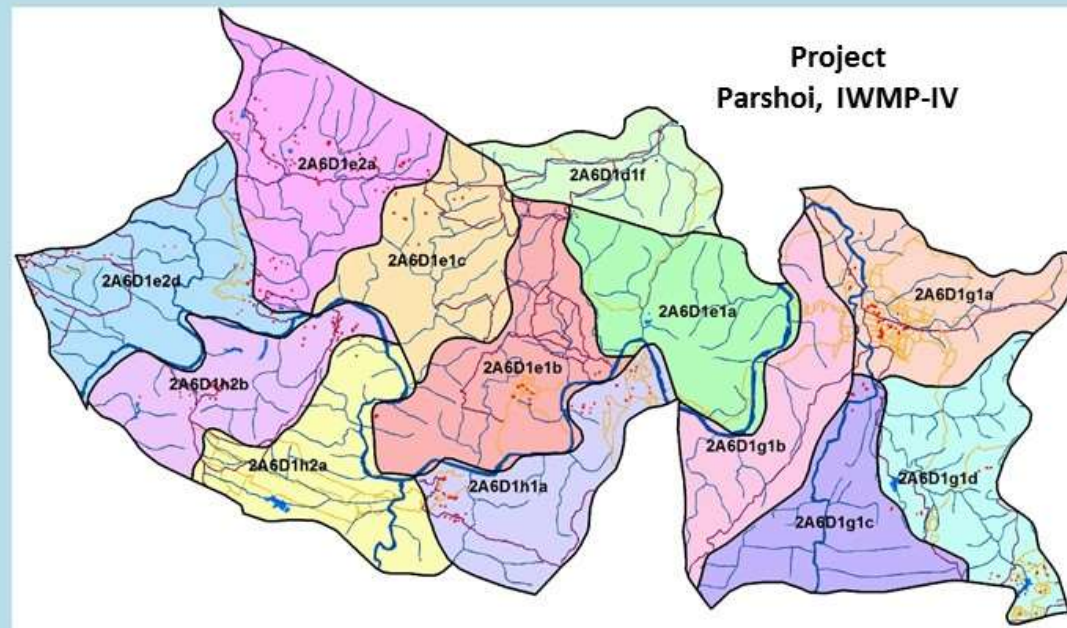


DPR for Parshoi, Project IWMP-IV, District-Sonbhadra (Year 2011-2012)




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 चतुर्थ 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 चतुर्थ 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


कार्य प्रभारी
सोनभद्र

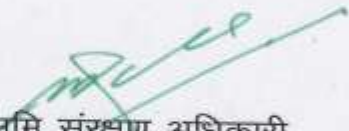

तकनीकी विशेषज्ञ
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अवर अभियन्ता
सोनभद्र


भूमि संरक्षण अधिकारी
सिंचाई एवं जल संसाधन विभाग
सोनभद्र

प्रमाण-2

प्रमाणित किया जाता है कि निम्न हस्ताक्षर कर्ता द्वारा समेकित जल प्रबन्धन योजना चतुर्थ 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 13 Micro Watershed of the Project Area of Watershed Parshoi, IWMP-IV, District-Sonbhadra Uttar Pradesh Coded and named as 2A6D1d1f-Jogaeal-I, 2A6D1e1a-Jogaeal-II, 2A6D1e1b-Jogaeal-III, 2A6D1e1c-Jogaeal-IV, 2A6D1e2a-Jogaeal-V, 2A6D1e2d-Jogaeal-VI, 2A6D1g1a-Parshoi-I, 2A6D1g1b-Parshoi-II, 2A6D1g1c-Parshoi-III, 2A6D1g1d-Parshoi-IV, 2A6D1h1a-Parshoi-V, 2A6D1h2a-Parshoi-VI, 2A6D1h2b-Parshoi-VII are situated in Chopan - Block which is 45-50 km away from the district head quarter. The Latitudinal and Longitudinal position of the project is From 24° 23' 30.67" N to 24° 28' 06.25" N and From 82° 46' 32.83" E to 82° 55' 06.36" E. Micro Watershed wise details are given in the DPR. The project consist of 13 Micro Watershed 03 villages, 03 - Gram Panchayat (GP) with total Geographical Area of 6673.41 ha out of which 5150 ha area is proposed to be used for treatment with total outlay of Rs.618.00 Lakhs under the Integrated Watershed Management Programme (IWMP). 02 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 Parshoi, IWMP-IV, District-Sonbhadra is situated at an elevation of 203.50 m to 421 m above mean sea level and has relief from with mean elevation of 291 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 Parshoi, IWMP-IV, District-Sonbhadra is shown in the DPR . The dominant slope category is 5.01-15% (2960.47 ha) followed by 4.01-5%(911.23 ha) .

The population of the project area is 51105 covering 9037 HH with an average family size 06 in number. SC/ST represent 42030 (82.24 %). Literacy rate 26.57% and number of BPL HH 7247 (80.19%) and Assetless HH 2396 (26.51 %) details are given in the DPR. The land holding pattern given in the DPR comprises 5329 (80.24%) marginal farmers who dominate the cluster followed by 1025 (15.43%) small farmers and 287 (4.33%) 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 10845 persons from the project area.

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.

EXECUTIVE SUMMARY

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 36 nos. of Earthen Check Dams (ECDs), 15 nos. of Water Harvesting Bunds (WHBs), 11 nos of Masonry Check Dams (MCDs) and 16 nos. of Recharge pit under Water Harvesting Structures which will provide life saving irrigation in the area of 466.45 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 466.45 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 15.12 ha to 298.88 ha, an increase in the area under afforestation cover from 8.39 to 60.85, under fuel and fodder cover from 4.29 ha to 52.72 ha and under horticulture cover from 2.44 ha to 185.30 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 62 number of Water Harvesting Structures having storage capacity of 93.29 hm an additional area of 466.45 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 02-WCs, 144-SHG and 62-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. 24.72 Lakhs) which consist of repairing of well and water harvesting structures, the WDW work (56% of the total cost Rs. 346.08 Lakhs) Water Harvesting Structures like ECD, WHB, MCD, 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. 55.62 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. 61.80 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. 30.90 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. 271.75 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 367853 nos. of mandays will be generated from the projects. 275768 nos mandays from the IWMP Fund and 92085 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 112.42% to 134.21% after implementation of the project.

The present average family income of Assetless Rs. 17200/- per annum and for farmers Rs. 22800/-, with the proposed intervention under the project, are expected to increase to Rs. 25000/- and Rs. 33100/- respectively after the completion of the project. NPV of the project is proposed to be Rs. 7659898.02 at 15% discounted factor of net benefits. IRR of project is 24.35% and B : CR at 15% discounted factor of Net benefits is 1.14 respectively.

General Profile of the Project

Name of State	Uttar Pradesh	
Name of District	Sonbhadra	
Name of Tehsil	Robertsganj	
Name of Block	Chopan	
Name of Project/Sanction Year	Parshoi, IWMP-IV	District :-Sonbhadra/Year :11-12
Project Duration	05 Years	
Cost of The Project in Lakhs from IWMP	618.00	
Cost of The Project in Lakhs from Convergence	271.75	
Total Project Cost in Lakhs	889.75	
Project Cost/ha in Lakhs		
From IWMP	0.12000	
From Convergence	0.08458	
Total	0.20458	
Number of MWS	13	
MWS Code and Name	2A6D1d1f-Jogaeal-I, 2A6D1e1a-Jogaeal-II, 2A6D1e1b-Jogaeal-III, 2A6D1e1c-Jogaeal-IV, 2A6D1e2a-Jogaeal-V, 2A6D1e2d-Jogaeal-VI, 2A6D1g1a-Parshoi-I, 2A6D1g1b-Parshoi-II, 2A6D1g1c-Parshoi-III, 2A6D1g1d-Parshoi-IV, 2A6D1h1a-Parshoi-V, 2A6D1h2a-Parshoi-VI, 2A6D1h2b-Parshoi-VII	
Nos. of connected Village	3	
Nos. of Gram Panchayat	3	
Number of Watershed Committees (WCs) Formed	2	
Agro Climatic Zone	Vindhyan Zone	
Location of Watershed		
Longitude	82° 46' 32.83" E	82° 55' 06.36" E
Latitude	24° 23' 30.67" N	24° 28' 06.25" N
Elevation		
Highest Elevation in m	421.00	
Lowest Elevation in m	203.50	
Elevation Difference	217.50	
Mean Elevation in m	291.00	

General Profile of the Project

Major Drainage System		
Stream Order	Length in meter	Nos.
	195192.89	224
Nos. Of Water Bodies	15	
Details of Land as per LULC in ha		
Geographical Area	6673.41	
Planned Area	5150.00	
Scrub Land	2414.25	
Wasteland Cultivable	1269.85	
Average Rainfall	601.76	
Maximum Temperature degree C	47°C	
Minimum Temperature degree C	1°C	
Relative Humidity %	36%-82%	
Total population	51105	
Male	26629	
Female	24476	
SC/ST population	42030	
Male	21895	
Female	20135	
Total HH	9037	
BPL and %	7247	80.19
Assetless HH and %	2396	26.51
Farmers Details (Total farmers)	6641	
Marginal Farmers	5329	
Small Farmers	1025	
Large Farmers	287	
Migration	Pre Project Status	Post Project Status
Migration in Nos.	10845	7592
Migration in days	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	2661.80	2069.10
Double Cropped Area	1543.60	2212.95
Multi Cropped Area	0.00	123.00
Cropping Intensity in %	Pre Project	Post Project
	112.42%	134.21%
Mandays Generated in Nos.		
From IWMP Funds	275768	
From Convergence Funds	92085	
Total	367853	
Average Annual Income/HH in Rs.	Pre Project	For Assetless Post Project
For Assetless	17200.00	25000.00
For Farmers	22800.00	33100.00
No. of Person to be Trained Under CB Plan	4459	
Detail of Beneficiaries		
Livelihood Activities	720	
PSME	6265	
WDW	4506	
Total	11491	
No. of Water harvesting Structures	62	
Storage Capacity	93.29	
Additional Area Brought under Irrigation in ha		
@ 5 cm * 2 Irrigation/ha	466.45	
@ 7.5 cm * 2 Irrigation/ha	310.97	

General Profile of the Project

Area Under in ha	Pre Project Status	Addition Area under the Project
Afforestation	8.39	52.47
Fuel & Fodder	4.29	48.43
Horticulture	2.44	182.86
Vegetative Cover	15.12	283.76
No. of Institutions Formed		
Watershed Committees	2	
User Groups (Ugs)	62	
Self Help Groups (SHGs)	144	
Fedratons	10	
Reduction in Soil loss	10-12 tonnes/ha/Year	
Runoff	240.70	
NPV @ 15% Discounted Factor of Net Benefits	7659898.02	
B : CR @ 15% Discounted Factor	1.14	
IRR	24.35%	

Year Wise Physical and Financial At A Glance of DPR		Parshoi, IWMP-IV		District:		Sonbhadra		Area:		5150		(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.
A	Administration			3.090		9.270		16.686		16.686		16.068	0	61.800
B	Monitoring					1.236		1.236		1.236		2.472	0	6.180
C	Evaluation					1.854		1.082		1.082		2.163	0	6.180
D	EPA												0	0.000
1	Pond Renovation	in no.	17	24.720									17	24.720
2	Charahi	in no.	1										1	0.000
	Bathroom	in no.	1										1	0.000
	Recharge Pit	in no.	1										1	0.000
	Handpump foundation	in no.	1										1	0.000
	Sub Total	in no.	21	24.720									21	24.720
E	DPR		1	6.180									1	6.180
F	Institution & Capacity Building													
1	State Level Nodal Agency(SLNA)		0	0.927	0	0.309	0	0.309	0	0.309	0	0.000	0	1.854
2	WCDC													
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	Workshop													
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
	Sub Total	in no.	20	0.140	20	0.140	20	0.140	20	0.140	20	0.140	100	0.700
3	Exposure Visit													
3.1	In the District	in no.	151	0.227	145	0.218	42	0.063	42	0.063	151	0.227	531	0.797
3.2	Within State	in no.	140	0.560	80	0.320	20	0.080	20	0.080	140	0.560	400	1.600
3.3	Out of State	in no.	0	0.000	15	0.735	10	0.490	10	0.490	0	0.000	35	1.715
	Sub Total :		291	0.787	240	1.273	72	0.633	72	0.633	291	0.787	966	4.112
	Sub Total of WCDC		311	0.927	335	2.163	92	0.773	92	0.773	311	0.927	1141	5.562
4	Project Implementation Agency (PIA)													
4.1	PIA	in no.	5	0.402	4	0.322	2	0.161	2	0.161	2	0.161	15	1.206
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.	204	0.647	1295	4.105	0	0.000	0	0.000	0	0.000	1499	4.752
4.4	WC Member	in no.	0	0.000	20	0.254	20	0.127	20	0.127	0	0.000	60	0.507
4.5	WC Functionaries	in no.	4	0.054	4	0.107	4	0.107	4	0.107	4	0.054	20	0.429
4.6	UGs	in no.	0	0.000	310	0.983	44	0.139	44	0.139	122	0.387	520	1.648

Year Wise Physical and Financial At A Glance of DPR		Parshoi, IWMP-IV				District:		Sonbhadra		Area:	5150	(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.
4.7	UGs Functionaries	in no.	0	0.000	124	1.662	34	0.456	34	0.456	30	0.402	222	2.975
4.8	SHGs	in no.	0	0.000	400	3.804	140	1.331	140	1.331	60	0.571	740	7.037
4.9	SHGs Functionaries	in no.	0	0.000	120	1.608	72	0.965	72	0.965	34	0.456	298	3.993
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	Sub Total :		215	1.236	2279	12.978	355	3.554	355	8.804	289	7.413	3493	33.986
	Total		506	3.090	2519	15.449	427	9.886	427	9.886	580	8.340	4459	46.651
	Fund From IWMP			3.090		15.449		4.635		4.635		3.090		30.899
5	Institution & Capacity Building Convergence	in no.					35	5.251	35	5.251	35	5.250	105	15.752
G	Livelihood Activities													
1	Nos. of SHGs for Seed Money	in no.			16	3.893	40	9.734	40	10	48	11.680	144	35.041
2	Nos. of Individuals	in no.			6	0.433	12	1.082	12	1.082	14	1.298	44	3.893
3	Grant-in aid under Funding for major activities for federation / Enterprising SHGs	in no.			0	1.854	0	4.635	0	4.635	0	5.562	0	16.686
	Sub Total					6.180		15.450		15.450		18.540		55.620
H	Production System & Micro Enterprises													
1	Crop Demonstration													
1.1	Minor Millets	in ha			13.250	1.060	9.500	0.760	0.000	0.000	0.000	0.000	22.75	1.820
1.2	Pulses -Urd/Moong/Arhar	in ha			18.000	1.440	20.000	2.240	0.000	0.000	0.000	0.000	38.00	3.680
1.3	Oil Seeds	in ha			17.000	2.040	17.750	2.130	0.000	0.000	0.000	0.000	34.75	4.170
1.4	Chia	in ha			2.500	0.250	4.000	0.400	0.000	0.000	0.000	0.000	6.50	0.650
1.5	Quinoa	in ha			2.500	0.300	3.000	0.360	0.000	0.000	0.000	0.000	5.50	0.660
2	Vegetables				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	5.000	1.200	5.500	1.320	0.000	0.000	10.50	2.520
2.2	Califlower/Cabage	in ha			0.000	0.000	5.000	1.200	5.500	1.320	0.000	0.000	10.50	2.520
2.3	Cucurbits	in ha			0.000	0.000	5.000	0.600	3.500	0.420	0.000	0.000	8.50	1.020
2.4	Shakbhaji	in ha			0.000	0.000	4.500	0.450	3.500	0.350	0.000	0.000	8.00	0.800
3	Spices				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	4.500	1.080	3.500	0.840	0.000	0.000	8.00	1.920
3.2	Coriander/Methi/Saunf/Kalaunji	in ha			0.000	0.000	4.500	0.540	3.500	0.420	0.000	0.000	8.00	0.960
3.3	Chili	in ha			0.000	0.000	4.500	0.900	3.500	0.700	0.000	0.000	8.00	1.600
4	Floriculture				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	3.000	0.300	5.000	0.500	0.000	0.000	8.00	0.800
5	Distribution of Various Kit				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	9.000	0.180	10.000	0.200	0.000	0.000	31	0.620
5.2	Improved/High Yeilding Variety (HYV) of Seed Kit	in no.			27.000	0.135	17.000	0.085	40.000	0.200	32.000	0.160	116	0.580

Year Wise Physical and Financial At A Glance of DPR		Parshoi, IWMP-IV		District:		Sonbhadra		Area:		5150		(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.
5.3	Vegitable Kit	in no.			27.000	0.054	20.000	0.040	20.000	0.040	40.000	0.080	107	0.214
5.4	Fodder Kit	in no.			12.000	0.060	9.000	0.045	22.000	0.110	18.000	0.090	61	0.305
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	6.000	0.300	5.000	0.250	11	0.550
9	Low Tunnel House	in no.			0.000	0.000	0.000	0.000	25.000	0.500	20.000	0.400	45	0.900
10	Animal Health Camps	in no.			6.000	0.600	10.000	1.000	10.000	1.000	10.000	1.000	36	3.600
11	Distribution of Buck	in no.			0.000	0.000	12.000	0.600	8.000	0.400	0.000	0.000	20	1.000
12	Distribution of Agriculture Equipments				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	4.000	0.240	8.000	0.480	10.000	0.600	22	1.320
12.2	Sprayer	in no.			0.000	0.000	10.000	0.300	10.000	0.300	0.000	0.000	20	0.600
12.3	Broadcaster	in no.			0.000	0.000	8.000	0.120	10.000	0.150	0.000	0.000	18	0.270
12.4	Drum Seeder	in no.			0.000	0.000	10.000	0.300	8.000	0.240	10.000	0.300	28	0.840
12.5	Cono Weeded	in no.			0.000	0.000	20.000	0.280	10.000	0.140	0.000	0.000	30	0.420
12.6	Seed Treatment Drum	in no.			0.000	0.000	5.000	0.100	8.000	0.160	0.000	0.000	13	0.260
12.7	Irrigation Pipe	in no.			0.000	0.000	0.000	0.000	12.000	0.480	10.000	0.400	22	0.880
12.8	Portable Pump for Lift Irrigation	in no.			0.000	0.000	0.000	0.000	8.000	1.920	6.000	1.440	14	3.360
13	Micro-enterprises													
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	3.000	0.720	3	0.720
13.5	Fruit Preservation	in no.			0.000	0.000	0.000	0.000	2.000	0.480	5.000	1.200	7	1.680
13.7	Poultry	in no.			0.000	0.000	0.000	0.000	4.000	0.800	18.000	3.600	22	4.400
13.9	Goatary	in no.			0.000	0.000	0.000	0.000	6.000	1.200	24.000	4.800	30	6.000
14.1	Dairy Product	in no.			0.000	0.000	0.000	0.000	2.000	0.480	3.000	0.720	5	1.200
14.3	Mini Dal Mill	in no.			0.000	0.000	0.000	0.000	0.000	0.000	9.000	1.800	9	1.800
14.5	Daliya Making Machine	in no.			0.000	0.000	0.000	0.000	0.000	0.000	4.000	0.800	4	0.800
14.7	Grain Cleaner Cum Grader	in no.			0.000	0.000	0.000	0.000	0.000	0.000	18.000	3.600	18	3.600
14.9	Floor Separator	in no.			0.000	0.000	0.000	0.000	0.000	0.000	9.000	2.160	9	2.160
15.1	Portable Charing Kiln	in no.			0.000	0.000	0.000	0.000	0.000	0.000	5.000	0.400	5	0.400
15.3	UMMB Block	in no.			0.000	0.000	0.000	0.000	0.000	0.000	2.000	0.200	2	0.200
	Sub Total					6.179		15.450		15.450		24.720		61.80
	Convergence													
16	Vermi Compost Pit@ Rs 0.09	in no.			16	1.440	16	1.440	16	1.440	16	1.440	64	5.760
17	Nadep Compost Pit @ Rs. 008	in no.			16	1.280	16	1.280	16	1.280	16	1.280	64	5.120
18	Cow Shelter@ Rs 0.45	in no.			6	2.700	8	3.600	10	4.500	9	4.050	33	14.850
19	Goat Shelter@ Rs. 0.35	in no.			16	5.600	16	5.600	16	5.600	16	5.600	64	22.400
20	Poultry Shelter@ Rs. 0.40	in no.			16	6.400	16	6.400	16	6.400	16	6.400	64	25.600

Year Wise Physical and Financial At A Glance of DPR		Parshoi, IWMP-IV		District:		Sonbhadra		Area:		5150		(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.
21	Azola Pit@ Rs. 0.02	in no.			16	0.320	16	0.320	16	0.320	16	0.320	64	1.280
22	Fodder Through@ Rs.0.35	in no.			0	0.000	8	2.800	8	2.800	8	2.800	24	8.400
23	Sanjeevak pit@ Rs.0.02	in no.			16	0.320	16	0.320	16	0.320	16	0.320	64	1.280
24	Micro Irrigation-Sprinkler	in no.			3	0.000	5	0.000	3	0.000	5	0.000	16	0.000
25	Micro Irrigation-Drip	in no.			1	0.000	1	0.000	1	0.000	1	0.000	4	0.000
26	Poly House	in no.			3	0.000	5	0.000	5	0.000	5	0.000	18	0.000
27	Agro Shed Net House	in no.			3	0.000	5	0.000	5	0.000	5	0.000	18	0.000
	Sub Total					18.060		21.760		22.660		22.210		84.690
	Total PSME					24.239		37.210		38.110		46.930		146.489
I	Water Development Works													
1	Land Development													
1.1	Block Plantation													
1.11	Horticulture	in ha			14.00	2.800	42.00	8.400	42.00	8.400	42.00	8.400	140.00	28.000
1.12	Afforestation	in ha			10.00	1.000	25.00	2.500	25.00	2.500	25.00	2.500	85.00	8.500
	Sub Total				24.00	3.800	67.00	10.900	67.00	10.900	67.00	10.900	225.00	36.500
1.2	Scattered Plantation													
1.21	Horticulture	in no.			1950	0.780	1885	0.754	1885	0.754	1865	0.746	7585	3.034
1.22	Afforestation	in no.			921	0.184	1707	0.341	1707	0.341	1697	0.339	6032	1.206
	Sub Total				2871	0.964	3592	1.095	3592	1.095	3562	1.085	13617	4.240
	Total					4.764		11.995		11.995		11.985		40.740
2	SMC-Convergence													
2.1	Contour Bund(CB)	in rmt			2537	2.283	5500	4.950	5553	4.998	5581	5.023	19171	17.254
2.1.1	Outlet (for safe disposal of Water) @ Rs. 750/outlet	in no.			5	0.038	11	0.083	11	0.083	11	0.083	38	0.285
2.2	Marginal Bund(MB)	in rmt			1696	6.462	3739	14.246	3712	14.143	3579	13.636	12726	48.486
2.2.1	Outlet (for safe disposal of Water) @ Rs.15000/outlet	in no.			3	0.450	7	1.050	7	1.050	7	1.050	24	3.600
2.3	Peripheral Bund(PB)	in rmt			3069	11.693	6848	26.091	6709	25.561	8174	31.143	24800	94.488
2.3.1	Outlet (for safe disposal of Water) @ Rs.15000/outlet	in no.			6	0.900	13	1.950	13	1.950	16	2.400	48	7.200
	Sub Total					21.825		48.369		47.784		53.334		171.313
3	Water Harvesting Structure													
3.1	Earthen Check Dam (ECD)	in no.			4	8.32	12	28.627	9	25	11	30	36	91.236
	Drop Spill Way (DSW)				2	4.00	5	10.000	2	4	2	4	11	22.000
3.2	Water Harvesting Bund (WHB)	in no.			2	8.27	5	18.340	4	17	4	17	15	60.914
3.3	Drop Spill Way (DSW)	in no.			1	2.50	5	12.500	3	8	4	10	13	32.500
3.4	Massonary Check Dam (MCD)	in no.			2	18.30	2	18.300	4	35	3	27	11	97.890
3.5	Ponds Renovation	in no.			0	0.00	0	0.000	0	0	0	0	0	0.000
3.6	Recharge Pit	in no.			4	0.20	4	0.200	4	0	4	0	16	0.800
	Sub Total				15	41.586	33	87.966	26	87.966	28	87.822	102	305.340

Year Wise Physical and Financial At A Glance of DPR		Parshoi, IWMP-IV		District:		Sonbhadra		Area:		5150		(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.
	Storage Capacity	ham				13.65		23.36		29.45		26.83		93.29
	Additional Area Brought Under Irrigation	ha												
	@ 5 cm * 2 Irrigation/ha					68.25		116.80		147.25		134.15		466.45
	@ 7.5 cm * 2 Irrigation/ha					45.50		77.87		98.17		89.43		310.97
J	Consolidation													
1	Completion of Various Left Over Work											18.070	0	18.070
2	Perparation of Project Completion Report											0.040	0	0.040
3	Documentation of Successful Experience											0.100	0	0.100
4	Management and Maintenance of Developed Natural Resources											0.040	0	0.040
5	Users right and users charges											0.020	0	0.020
6	Sustainable utilization of natural tesources											0.040	0	0.040
7	formation of federation for post project economic											0.050	0	0.050
8	Capacity building of CBOs for post project period											0.020	0	0.020
9	Management and utilization of WDF											0.020	0	0.020
10	Intensification of PSME											0.080	0	0.080
11	Intensification of Livelihood											0.060	0	0.060
	Sub Total											18.540		18.540
	Grand Total			37.080		126.404		229.880		230.195		266.194		889.753
	Funds Available From IWMP			37.080		86.520		154.500		154.500		185.400		618.000
	Gap of Funds			0.00		39.88		75.38		75.70		80.79		271.75
	Funds From Convergence			0.00		39.88		75.38		75.70		80.79		271.75
	Project Cost per ha													
1	Cost per ha from IWMP FUND													0.12000
2	Cost from Convergence pr ha													0.08458
3	Total Cost per ha													0.20458

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

BENCHMARKING OF IWMP PROJECTS-	Parshoi, IWMP-IV		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
Soil Health					
Soil Organic Carbon Increase	NMR Spectroscopy	Expert/ M&E Agency	5 Years	0.41	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
Hydrology					
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 (Monsoon flow on selected streams in watershed) reduce	V Notch + Staff Gauge V Notch + AWLR (Decrease)	WDT facilitation /WC/PIA, M & E Agency		-	10-15% reduction due to IWMP
Groun Water Level (in meter) Increase	Tape WLR	WDT/WC/PIA, M & E Agency	Monthly		
Open Well-Pre Monsoon				15-17	14-15
Open Well-Post Monsoon				14-15	13-14
Bore Well				-	-
Status of Water bodies (ponds, wells and springs)					
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
Forestry					
Tree cover	Inventory	WDT/WC/M & E Agency	3 Years	15.12	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

BENCHMARKING OF IWMP PROJECTS-	Parshoi, IWMP-IV	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
Survival of the Plant	Survey	M & E Agency	3 Years	35-40%	50-60%
			5 Years		60-75% due to casualty replacement under IWMP
% families cultivating agroforestry increase	Survey	M & E Agency	5 Years	-	8-10%
Species richness increase	Count Survey	Expert Agency	3 Years	-	4-5% due to IWMP
			5 Years		6-8% due to IWMP
Agriculture and horticulture					
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	-	31
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%
Cropping intensity, viz. shift from single to double, triple/intercropping increase					
Single Crop	Survey	PIA/WDT/ M & E Agency	3 Years 5 Years	2661.80	2069.10
Double C rop	Survey			1543.60	2212.95
Multiple Crop	Survey			0.00	123.00
Cropping Intensity (in %)	Survey			112.42	134.21
B : C Ratio	Survey			1.64 :1	2.58 :1
Improvement in Productivity Cereals, pulses, oil seeds, fodder, Cash crops, Ornamental, vegetables, spices and plantation crops					

BENCHMARKING OF IWMP PROJECTS-	Parshoi, IWMP-IV	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		
Khariff (Productivity in quintal/ha)	Survey	WDT/ M & E Agency	5 Years				
Paddy				17.00	19.50		
Jwar				6.00	7.50		
Bajra				5.50	7.25		
Maiz				9.00	14.50		
Arhar				3.25	5.75		
Urd/Moong				3.00	5.25		
Sawa/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		
Rabi (Productivity in quintal/ha)							
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					
Zaid (Productivity in quintal/ha)			0.00	9.00			
Animal husbandary, dairy and fisheries							
Increase in area under grassland on CPR	Revenue Recrd/ Survey	WDT/ M & E Agency	3 Years	-	4-5%		
			5 Years		5-6%		
Increase in area under cultivated fodder	Revenue Recrd/ Survey	WDT/ M & E Agency	3 Years	-	4-5%		
			5 Years		5-6%		
Shift from open grazing to stall feeding	Revenue Recrd/ Survey	WDT/ M & E Agency	3 Years	-	10-12%		
			5 Years		12-15%		
Health camps	Survey	WDT/PIA,	Yearly	-	Average one camp/annum		
No. of livestock owners adopting artificial insemination services	Survey		3 Years	-	20-25% due to IWMP		

BENCHMARKING OF IWMP PROJECTS-	Parshoi, IWMP-IV	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
No. of livestock owners adopting artificial insemination services		M & E Agency	5 Years		20-25% due to IWMP
increase in production of aquaculture	Survey		5 Years	-	5-10%
Economic, Financial Process, Assets, Institutional, Risk and Convergence					
Economic Indicators					
Total Average Income for Assetless/Annum in Rs.	Survey	M & E Agency	3 Years 5 Years	17200	25000
Total Average Income for Farmers/Annum in Rs.	Survey	M & E Agency	3 Years 5 Years	22800	33100
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		
Financial Indicators					
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
Process Monitoring					
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
Formation of Institutions					
No. of SHGs/CBOs/Micro-enterprises formed	Survey	M & E Agency	3 Years	-	70-80% as planned under DPR by 3rd Year

BENCHMARKING OF IWMP PROJECTS-	Parshoi, IWMP-IV	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
No. of Watershed Committee Functional	Survey	M & E Agency	3 Years	-	100% Functional
Capacity Building of Institutions				-	
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
Watershed Assets	-				
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
Risk Management					
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
Convergence					
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

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

Details of Ongoing Development Programme in the Project Area			Parshoi, IWMP-IV	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							Parshoi, IWMP-IV		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	2A6D1d1f	Jogaeal-I	82° 50' 10.42" E	82° 52' 13.13" E	24° 26' 23.14" N	24° 27' 20.33" N	3513	1714	220.50	345.00	124.50	288.07
2	2A6D1e1a	Jogaeal-II	82° 50' 56.57" E	82° 52' 50.33" E	24° 24' 55.52" N	24° 26' 37.80" N	2757	2805	203.50	341.50	138.00	271.59
3	2A6D1e1b	Jogaeal-III	82° 49' 23.37" E	82° 51' 30.21" E	24° 24' 39.64" N	24° 26' 43.66" N	2833	3717	207.50	322.00	114.50	260.03
4	2A6D1e1c	Jogaeal-IV	82° 48' 54.36" E	82° 50' 35.55" E	24° 25' 20.32" N	24° 27' 10.52" N	2682	3406	219.50	354.00	134.50	286.42
5	2A6D1e2a	Jogaeal-V	82° 48' 08.93" E	82° 50' 01.55" E	24° 25' 51.30" N	24° 28' 06.25" N	3176	3864	220.00	421.00	201.00	335.84
6	2A6D1e2d	Jogaeal-VI	82° 46' 32.83" E	82° 48' 54.81" E	24° 25' 10.90" N	24° 27' 08.04" N	3150	3056	219.50	297.00	77.50	257.84
7	2A6D1g1a	Parshoi-I	82° 52' 50.65" E	82° 55' 06.36" E	24° 25' 15.60" N	24° 26' 44.47" N	3472	2502	204.00	338.00	134.00	273.25
8	2A6D1g1b	Parshoi-II	82° 51' 50.58" E	82° 53' 16.46" E	24° 23' 47.79" N	24° 26' 33.96" N	1853	5174	203.50	315.50	112.00	251.73
9	2A6D1g1c	Parshoi-III	82° 51' 58.58" E	82° 54' 09.11" E	24° 23' 39.28" N	24° 25' 21.73" N	3529	3007	218.00	290.50	72.50	259.13
10	2A6D1g1d	Parshoi-IV	82° 53' 26.10" E	82° 54' 57.63" E	24° 23' 30.67" N	24° 25' 39.40" N	2078	3870	218.50	293.00	74.50	262.11
11	2A6D1h1a	Parshoi-V	82° 49' 42.69" E	82° 51' 50.67" E	24° 23' 46.58" N	24° 25' 36.13" N	2408	3757	206.00	277.50	71.50	240.29
12	2A6D1h2a	Parshoi-VI	82° 47' 56.28" E	82° 50' 01.27" E	24° 23' 55.60" N	24° 25' 41.73" N	3711	3215	217.50	283.00	65.50	250.98
13	2A6D1h2b	Parshoi-VII	82° 47' 06.60" E	82° 49' 37.24" E	24° 24' 39.19" N	24° 25' 56.58" N	4118	2035	219.50	283.50	64.00	250.56
	TOTAL		82° 46' 32.83" E	82° 55' 06.36" E	24° 23' 30.67" N	24° 28' 06.25" N			203.50	421.00	217.50	291.00

MWS/GP/Village WISE DETAILS OF LAND-GEOGRAPHICAL AND TREATABLE AREA of Project Area-									Parshoi, IWMP-IV		District:-	Sonbhadra			(Area in ha)	
MWS CODE	VILLAGE NAME	Gram Panchayat	Cultivable Land			Water bodies			Non Cultivable Land					Geographical Area	Treatable Area	
			Area under Agriculture	Scrub Land	Waste Land	Canal	River/Drain	Lakes/Ponds	Builtup Area			Forest				
									Road	Railway	Settlements		Plantation			Brick Kiln
2A6D1d1f	Parshoi	Parshoi	44.859	80.575	1.981	0.000	2.791	0.000	2.411	0.000	0.201	0.000	0.000	200.218	333.036	
Sub Total			44.859	80.575	1.981	0.000	2.791	0.000	2.411	0.000	0.201	0.000	0.000	200.218	333.036	260
2A6D1e1a	Parshoi	Parshoi	14.214	214.002	81.665		16.407	0.362	1.394		0.037	0.000		231.475	559.557	
Sub Total			14.214	214.002	81.665	0.000	16.407	0.362	1.394	0.000	0.037	0.000	0.000	231.475	559.557	436
2A6D1e1b	Parshoi	Parshoi	34.262	318.533	122.956		15.752	0.000	7.360		0.716	0.000		112.228	611.806	
Sub Total			34.262	318.533	122.956	0.000	15.752	0.000	7.360	0.000	0.716	0.000	0.000	112.228	611.806	477
2A6D1e1c	Jogaeal	Jogaeal	11.062	9.300	13.767		0.399	0.000	0.005		0.161	0.000		0.001	34.695	
2A6D1e1c	Parshoi	Parshoi	121.921	194.659	35.663		5.647	0.000	2.962		0.512	0.000		80.382	441.746	
Sub Total			132.982	203.960	49.430	0.000	6.046	0.000	2.967	0.000	0.673	0.000	0.000	80.383	476.441	370
2A6D1e2a	Jogaeal	Jogaeal	257.833	96.914	92.609		6.781	0.590	3.042		2.831	0.000		216.144	676.744	
2A6D1e2a	Parshoi	Parshoi	0.776	2.863	0.182		0.007	0.000	0.002		0.000	0.000		11.390	15.220	
Sub Total			258.609	99.776	92.792	0.000	6.787	0.590	3.044	0.000	2.831	0.000	0.000	227.534	691.964	539
2A6D1e2d	Jogaeal	Jogaeal	106.450	252.634	94.534		7.593	0.000	4.914		1.397	0.000		97.060	564.581	
2A6D1e2d	Parshoi	Parshoi	4.910	9.648	0.558		12.586	0.000	0.000		0.000	0.000		16.182	43.884	
Sub Total			111.359	262.282	95.092	0.000	20.179	0.000	4.915	0.000	1.397	0.000	0.000	113.242	608.465	474
2A6D1g1a	Panari	Panari	0.000	7.155	0.000		0.190	0.000	0.168		0.000	0.000		22.467	29.980	
2A6D1g1a	Parshoi	Parshoi	127.827	68.422	103.876		12.075	0.000	8.402		1.674	11.527		165.183	498.986	
Sub Total			127.827	75.576	103.876	0.000	12.265	0.000	8.570	0.000	1.674	11.527	0.000	187.650	528.966	412
2A6D1g1b	Parshoi	Parshoi	17.038	194.051	110.625		6.720	0.000	3.600		0.081	0.000		135.933	468.047	
Sub Total			17.038	194.051	110.625	0.000	6.720	0.000	3.600	0.000	0.081	0.000	0.000	135.933	468.047	365
2A6D1g1c	Parshoi	Parshoi	5.453	242.187	84.824		13.144	0.000	0.847		0.408	0.000		117.556	464.420	
Sub Total			5.453	242.187	84.824	0.000	13.144	0.000	0.847	0.000	0.408	0.000	0.000	117.556	464.420	361
2A6D1g1d	Panari	Panari	1.576	69.662	19.044		0.602	0.000	1.211		0.244	0.116		7.437	99.892	
2A6D1g1d	Parshoi	Parshoi	26.190	192.302	111.964		4.291	2.433	3.772		0.629	3.473		60.894	405.948	
Sub Total			27.766	261.964	131.008	0.000	4.894	2.433	4.983	0.000	0.873	3.590	0.000	68.330	505.840	394
2A6D1h1a	Parshoi	Parshoi	85.835	147.465	102.669		10.249	0.000	4.455		1.514	0.000		107.397	459.583	
Sub Total			85.835	147.465	102.669	0.000	10.249	0.000	4.455	0.000	1.514	0.000	0.000	107.397	459.583	315
2A6D1h2a	Parshoi	Parshoi	23.193	179.674	156.174		19.133	2.377	3.934		0.173	0.000		131.183	515.842	
Sub Total			23.193	179.674	156.174	0.000	19.133	2.377	3.934	0.000	0.173	0.000	0.000	131.183	515.842	397
2A6D1h2b	Jogaeal	Jogaeal	0.557	0.000	0.000		0.000	0.000	0.000		0.000	0.000		0.000	0.557	
2A6D1h2b	Parshoi	Parshoi	101.397	134.200	136.759		8.927	2.054	2.880		1.651	0.000		61.020	448.887	
Sub Total			101.954	134.200	136.759	0.000	8.927	2.054	2.880	0.000	1.651	0.000	0.000	61.020	449.444	350
Grand Total			985.35	2414.25	1269.85	0	143.29	7.82	51.36	0.00	12.23	15.12	0	1774.1	6673.41	5150

On The basis of Above Table 26 Watershed Committees (WCs) have been formed at GP Level and GP wise Treatable Area in ha Given Below		
Parshoi, IWMP-IV		District
		Sonbhadra
S.No.	Name of Watershed Committee	Project Area in ha
1	Jogaeal	717
2	Parshoi	4433
Total :		5150

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				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
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,		Parshoi, IWMP-IV	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	-	Every alternate Year	all villages of the project area
2	Flood	-	Not Affected		-

Details of Soil Erosion in the project area of,		Parshoi, IWMP-IV	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)	3218.75	240.70	10-12
b	Rill (20-25% of Water Erosion)	1158.75		
c	Gully Erosion (12-18%)	772.50		
Wind erosion - Nil		N.A.		
Total		5150		

Erosion is Taken on Average Basis

MWS Wise Details of Land under Various SLOPE Range of Project Area of						Parshoi, IWMP-IV	District-	Sonbhadra		
(Area 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
2A6D1d1f	Jogaeal-I	0.00	0.00	4.75	6.54	19.21	33.17	181.00	88.35	333.04
2A6D1e1a	Jogaeal-II	0.00	0.00	26.64	37.99	31.27	48.30	324.43	90.93	559.56
2A6D1e1b	Jogaeal-III	2.00	6.50	50.70	83.26	93.95	94.66	270.69	10.04	611.81
2A6D1e1c	Jogaeal-IV	0.00	0.00	32.70	57.47	100.09	81.50	196.79	7.90	476.44
2A6D1e2a	Jogaeal-V	0.00	0.00	20.69	36.35	80.20	74.53	387.86	92.35	691.96
2A6D1e2d	Jogaeal-VI	0.00	4.25	44.56	82.01	112.27	120.37	240.33	4.68	608.47
2A6D1g1a	Parshoi-I	0.00	0.27	48.02	69.54	45.49	25.61	194.81	145.22	528.97
2A6D1g1b	Parshoi-II	0.00	5.50	54.71	80.48	41.24	40.33	188.79	57.00	468.05
2A6D1g1c	Parshoi-III	1.25	1.73	57.01	68.08	80.09	88.83	167.42	0.00	464.42
2A6D1g1d	Parshoi-IV	4.00	9.10	91.69	81.37	98.57	102.29	118.83	0.00	505.84
2A6D1h1a	Parshoi-V	0.00	2.56	33.94	56.21	40.40	66.84	243.62	16.00	459.58
2A6D1h2a	Parshoi-VI	0.00	7.49	48.08	71.24	77.82	81.20	226.29	3.72	515.84
2A6D1h2b	Parshoi-VII	0.00	2.57	41.07	55.45	73.31	53.61	219.61	3.82	449.44
Total :		7.25	39.98	554.57	785.98	893.92	911.23	2960.47	520.01	6673.41

MWS Wise Details of Land under Various SLOPE Category of Project Area of						Parshoi, IWMP-IV	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	Total
2A6D1d1f	0	2.61	2.79		6.49	38.37	82.56	196.65	3.57		333.04
2A6D1e1a	0	1.43	16.77		3.53	10.68	295.67	224.26	5.85	1.37	559.56
2A6D1e1b	0	8.08	15.75	0.16	13.66	20.45	441.49	112.23			611.81
2A6D1e1c	0	3.64	6.05		29.18	103.81	253.39	77.45	2.94		476.44
2A6D1e2a	717	5.88	7.38		21.87	236.74	192.57	217.16	10.38		691.96
2A6D1e2d	4433	6.31	20.18		24.63	86.73	357.37	113.24			608.47
2A6D1g1a	0	21.77	12.27	0.27	59.54	68.02	179.45	155.71	16.20	15.74	528.97
2A6D1g1b	0	3.68	6.72		6.69	10.35	304.68	113.46	18.84	3.63	468.05
2A6D1g1c	0	1.26	13.14	0.33	0.21	4.91	327.01	117.56			464.42
2A6D1g1d	0	9.45	7.33		17.90	9.86	392.97	68.33			505.84
2A6D1h1a	0	5.97	10.25	1.88	20.32	63.64	250.13	107.40			459.58
2A6D1h2a	0	4.11	21.51	1.23	3.80	18.16	335.85	131.18			515.84
2A6D1h2b	0	4.53	10.98		29.60	72.35	270.96	61.02			449.44
Total :		78.71	151.11	3.87	237.42	744.07	3684.10	1695.63	57.77	20.74	6673.41

MWS Wise Details of Land under Various LCC Category of Project					Parshoi, IWMP-IV		District-	Sonbhadra			
(Area In ha)											
MWS Code	MWS Name	I	II	III	IV	V	VI	VII	Builtup Area	Water bodies	Total
2A6D1d1f	Jogaeal-I	-	6.493	38.365	82.556	196.650	3.568	-	2.612	2.791	333.036
2A6D1e1a	Jogaeal-II	-	3.534	10.680	295.667	224.256	5.850	1.368	1.431	16.769	559.557
2A6D1e1b	Jogaeal-III	0.157	13.657	20.449	441.489	112.228	-	-	8.075	15.752	611.806
2A6D1e1c	Jogaeal-IV	-	29.176	103.807	253.390	77.447	2.936	-	3.640	6.046	476.441
2A6D1e2a	Jogaeal-V	-	21.868	236.742	192.568	217.155	10.379	-	5.875	7.378	691.964
2A6D1e2d	Jogaeal-VI	-	24.632	86.728	357.374	113.242	-	-	6.311	20.179	608.465
2A6D1g1a	Parshoi-I	0.270	59.537	68.020	179.453	155.708	16.203	15.739	21.771	12.265	528.966
2A6D1g1b	Parshoi-II	-	6.689	10.349	304.676	113.463	18.836	3.634	3.680	6.720	468.047
2A6D1g1c	Parshoi-III	0.332	0.208	4.913	327.011	117.556	-	-	1.256	13.144	464.420
2A6D1g1d	Parshoi-IV	-	17.903	9.863	392.972	68.330	-	-	9.446	7.326	505.840
2A6D1h1a	Parshoi-V	1.878	20.318	63.638	250.134	107.397	-	-	5.969	10.249	459.583
2A6D1h2a	Parshoi-VI	1.232	3.798	18.163	335.848	131.183	-	-	4.108	21.510	515.842
2A6D1h2b	Parshoi-VII	-	29.604	72.349	270.959	61.020	-	-	4.530	10.981	449.444
Total		3.868	237.416	744.067	3684.096	1695.635	57.773	20.741	78.706	151.111	6673.41

MWS Wise Details of Soil depth of Project Area of						Parshoi, IWMP-IV			District-	Sonbhadra	
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)	Total
2A6D1d1f	Jogaeal-I	2.61	2.79		6.49	38.37	82.56	196.65	3.57		333.04
2A6D1e1a	Jogaeal-II	1.43	16.77		3.53	10.68	295.67	224.26	5.85	1.37	559.56
2A6D1e1b	Jogaeal-III	8.08	15.75	0.16	13.66	20.45	441.49	112.23			611.81
2A6D1e1c	Jogaeal-IV	3.64	6.05		29.18	103.81	253.39	77.45	2.94		476.44
2A6D1e2a	Jogaeal-V	5.88	7.38		21.87	236.74	192.57	217.16	10.38		691.96
2A6D1e2d	Jogaeal-VI	6.31	20.18		24.63	86.73	357.37	113.24			608.47
2A6D1g1a	Parshoi-I	21.77	12.27	0.27	59.54	68.02	179.45	155.71	16.20	15.74	528.97
2A6D1g1b	Parshoi-II	3.68	6.72		6.69	10.35	304.68	113.46	18.84	3.63	468.05
2A6D1g1c	Parshoi-III	1.26	13.14	0.33	0.21	4.91	327.01	117.56			464.42
2A6D1g1d	Parshoi-IV	9.45	7.33		17.90	9.86	392.97	68.33			505.84
2A6D1h1a	Parshoi-V	5.97	10.25	1.88	20.32	63.64	250.13	107.40			459.58
2A6D1h2a	Parshoi-VI	4.11	21.51	1.23	3.80	18.16	335.85	131.18			515.84
2A6D1h2b	Parshoi-VII	4.53	10.98		29.60	72.35	270.96	61.02			449.44
Total :		78.71	151.11	3.87	237.42	744.07	3684.10	1695.63	57.77	20.74	6673.41

MWS Wise Details of Soil Fertility of Project Area of						Parshoi, IWMP-IV			District-	Sonbhadra	
MWS Code	MWS Name	Builtup Land	Waterbodies	Very High	High	Medium	Medium to Low	Low	Very Low	Rocky or Stony	Total
2A6D1d1f	Jogaeal-I	2.61	2.79		6.49	38.37	82.56	196.65	3.57		333.04
2A6D1e1a	Jogaeal-II	1.43	16.77		3.53	10.68	295.67	224.26	5.85	1.37	559.56
2A6D1e1b	Jogaeal-III	8.08	15.75	0.16	13.66	20.45	441.49	112.23			611.81
2A6D1e1c	Jogaeal-IV	3.64	6.05		29.18	103.81	253.39	77.45	2.94		476.44
2A6D1e2a	Jogaeal-V	5.88	7.38		21.87	236.74	192.57	217.16	10.38		691.96
2A6D1e2d	Jogaeal-VI	6.31	20.18		24.63	86.73	357.37	113.24			608.47
2A6D1g1a	Parshoi-I	21.77	12.27	0.27	59.54	68.02	179.45	155.71	16.20	15.74	528.97
2A6D1g1b	Parshoi-II	3.68	6.72		6.69	10.35	304.68	113.46	18.84	3.63	468.05
2A6D1g1c	Parshoi-III	1.26	13.14	0.33	0.21	4.91	327.01	117.56			464.42
2A6D1g1d	Parshoi-IV	9.45	7.33		17.90	9.86	392.97	68.33			505.84
2A6D1h1a	Parshoi-V	5.97	10.25	1.88	20.32	63.64	250.13	107.40			459.58
2A6D1h2a	Parshoi-VI	4.11	21.51	1.23	3.80	18.16	335.85	131.18			515.84
2A6D1h2b	Parshoi-VII	4.53	10.98		29.60	72.35	270.96	61.02			449.44
Total :		78.71	151.11	3.87	237.42	744.07	3684.10	1695.63	57.77	20.74	6673.41

MWS Wise Details of Soil Texture of Project Area of						Parshoi, IWMP-IV			District-	Sonbhadra	
MWS Code	MWS NAME	Builtup Land	Waterbodies	Fine Loamy Clay	Loamy Clay	Clay	Silty Clay	Fine Silty	Silty	Rocky or Stony	Total
2A6D1d1f	Jogaeal-I	2.61	2.79		6.49	38.37	82.56	196.65	3.57		333.04
2A6D1e1a	Jogaeal-II	1.43	16.77		3.53	10.68	295.67	224.26	5.85	1.37	559.56
2A6D1e1b	Jogaeal-III	8.08	15.75	0.16	13.66	20.45	441.49	112.23			611.81
2A6D1e1c	Jogaeal-IV	3.64	6.05		29.18	103.81	253.39	77.45	2.94		476.44
2A6D1e2a	Jogaeal-V	5.88	7.38		21.87	236.74	192.57	217.16	10.38		691.96
2A6D1e2d	Jogaeal-VI	6.31	20.18		24.63	86.73	357.37	113.24			608.47
2A6D1g1a	Parshoi-I	21.77	12.27	0.27	59.54	68.02	179.45	155.71	16.20	15.74	528.97
2A6D1g1b	Parshoi-II	3.68	6.72		6.69	10.35	304.68	113.46	18.84	3.63	468.05
2A6D1g1c	Parshoi-III	1.26	13.14	0.33	0.21	4.91	327.01	117.56			464.42
2A6D1g1d	Parshoi-IV	9.45	7.33		17.90	9.86	392.97	68.33			505.84
2A6D1h1a	Parshoi-V	5.97	10.25	1.88	20.32	63.64	250.13	107.40			459.58
2A6D1h2a	Parshoi-VI	4.11	21.51	1.23	3.80	18.16	335.85	131.18			515.84
2A6D1h2b	Parshoi-VII	4.53	10.98		29.60	72.35	270.96	61.02			449.44
Total :		78.71	151.11	3.87	237.42	744.07	3684.10	1695.63	57.77	20.74	6673.41

MWS Wise Details of Soil Erosion of Project Area of						Parshoi, IWMP-IV			District-	Sonbhadra	
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	Total
2A6D1d1f	Jogaeal-I	2.61	2.79		6.49	38.37	82.56	196.65	3.57		333.04
2A6D1e1a	Jogaeal-II	1.43	16.77		3.53	10.68	295.67	224.26	5.85	1.37	559.56
2A6D1e1b	Jogaeal-III	8.08	15.75	0.16	13.66	20.45	441.49	112.23			611.81
2A6D1e1c	Jogaeal-IV	3.64	6.05		29.18	103.81	253.39	77.45	2.94		476.44
2A6D1e2a	Jogaeal-V	5.88	7.38		21.87	236.74	192.57	217.16	10.38		691.96
2A6D1e2d	Jogaeal-VI	6.31	20.18		24.63	86.73	357.37	113.24			608.47
2A6D1g1a	Parshoi-I	21.77	12.27	0.27	59.54	68.02	179.45	155.71	16.20	15.74	528.97
2A6D1g1b	Parshoi-II	3.68	6.72		6.69	10.35	304.68	113.46	18.84	3.63	468.05
2A6D1g1c	Parshoi-III	1.26	13.14	0.33	0.21	4.91	327.01	117.56			464.42
2A6D1g1d	Parshoi-IV	9.45	7.33		17.90	9.86	392.97	68.33			505.84
2A6D1h1a	Parshoi-V	5.97	10.25	1.88	20.32	63.64	250.13	107.40			459.58
2A6D1h2a	Parshoi-VI	4.11	21.51	1.23	3.80	18.16	335.85	131.18			515.84
2A6D1h2b	Parshoi-VII	4.53	10.98		29.60	72.35	270.96	61.02			449.44
Total :		78.71	151.11	3.87	237.42	744.07	3684.10	1695.63	57.77	20.74	6673.41

MWS WISE DETAILS OF STREAM ORDER IN THE PROJECT AREA OF			Parshoi, IWMP-IV	District-	Sonbhadra
S.NO.	MWS CODE	MWS NAME	No of Waterbody	Stream Length (in m	
				Length	NO.
1	2A6D1d1f	Jogaeal-I	2	3801.98	6
2	2A6D1e1a	Jogaeal-II	2	19436.06	19
3	2A6D1e1b	Jogaeal-III	0	23546.40	29
4	2A6D1e1c	Jogaeal-IV	1	14142.28	17
5	2A6D1e2a	Jogaeal-V	3	27715.49	26
6	2A6D1e2d	Jogaeal-VI	0	35708.49	33
7	2A6D1g1a	Parshoi-I	0	4204.92	13
8	2A6D1g1b	Parshoi-II	0	6511.47	7
9	2A6D1g1c	Parshoi-III	0	6360.51	8
10	2A6D1g1d	Parshoi-IV	3	17518.98	17
11	2A6D1h1a	Parshoi-V	0	15374.28	16
12	2A6D1h2a	Parshoi-VI	0	12793.30	19
13	2A6D1h2b	Parshoi-VII	4	8078.74	14
	TOTAL		15	195192.89	224

MWS WISE DETAILS OF ROAD LENGTH OF			Parshoi, IWMP-IV	District-	Sonbhadra
S.NO	M WS CODE	WS NAME	Length in m		
			Major Roads	Minor Roads	Total
1	2A6D1d1f	Jogaeal-I	3827.76	2064.60	5892.36
2	2A6D1e1a	Jogaeal-II	13.84	5774.63	5788.47
3	2A6D1e1b	Jogaeal-III	12144.16	5481.84	17626.00
4	2A6D1e1c	Jogaeal-IV	5949.30	0.00	5949.30
5	2A6D1e2a	Jogaeal-V	5956.31	287.13	6243.44
6	2A6D1e2d	Jogaeal-VI	7978.72	3906.59	11885.31
7	2A6D1g1a	Parshoi-I	6571.84	22159.60	28731.44
8	2A6D1g1b	Parshoi-II	4087.63	6518.90	10606.53
9	2A6D1g1c	Parshoi-III	1695.92	3.84	1699.76
10	2A6D1g1d	Parshoi-IV	4903.70	10235.24	15138.94
11	2A6D1h1a	Parshoi-V	4634.04	8989.71	13623.75
12	2A6D1h2a	Parshoi-VI	2563.63	11120.48	13684.11
13	2A6D1h2b	Parshoi-VII	5538.81	235.04	5773.85
	TOTAL		65865.66	76777.60	142643.26

MWS WISE DETAILS OF WATERBODIES UNDER					Parshoi, IWMP-IV	District-	Sonbhadra		
S. NO.	ID	CLASS	MWS CODE	No.	VILLAGE NAME	KHASRA NO	Longitude (X)	Latitude (Y)	AREA (ha)
1	25	Pond	2A6D1d1f	2	Parshoi	1608,1609,1616,1607,	82°50'48.84"	24°26'55.68"	0.72
2	41	Pond	2A6D1d1f		Parshoi	1608,1609,1607,1619,	82°50'48.12"	24°26'55.68"	0.08
3	2	Pond	2A6D1e1a	2	Parshoi	2155	82°51'37.44"	24°25'49.44"	0.02
4	6	Pond	2A6D1e1a		Parshoi	2157,2156,2223,2155,	82°51'36.72"	24°25'45.84"	0.34
5		0	2A6D1e1b	0		0	0	0	0.00
6	22	Pond	2A6D1e1c	1	Parshoi	1634	82°50'19.68"	24°26'42.72"	0.07
7	129	Pond	2A6D1e2a	3	Jogaeal	12326,12330,	82°48'40.32"	24°25'54.12"	0.12
8	172	Pond	2A6D1e2a		Jogaeal	12510,12530,12522,	82°48'23.04"	24°27'19.44"	0.27
9	188	Pond	2A6D1e2a		Jogaeal	12628	82°48'45.72"	24°27'03.24"	0.20
10		0	2A6D1e2d	0		0	0	0	0.00
11		0	2A6D1g1a	0		0	0	0	0.00
12		0	2A6D1g1b	0		0	0	0	0.00
13		0	2A6D1g1c	0		0	0	0	0.00
14	20	Pond	2A6D1g1d	3	Parshoi	342,6390,6337,6388,63	82°54'36.72"	24°23'47.76"	1.19
15	23	Pond	2A6D1g1d		Parshoi	6360	82°54'41.40"	24°23'35.16"	0.05
16	27	Pond	2A6D1g1d		Parshoi	6239,3250,	82°53'34.44"	24°24'33.12"	1.30
17		0	2A6D1h1a	0		0	0	0	0.00
18		0	2A6D1h2a	0		0	0	0	0.00
19	23	Pond	2A6D1h2b	4	Parshoi	4520,4518,4517,	82°47'31.92"	24°25'14.16"	0.16
20	34	Pond	2A6D1h2b		Parshoi	62,1759,1757,1731,175	82°48'32.04"	24°25'36.12"	0.99
21	35	Pond	2A6D1h2b		Parshoi	06,1720,1727,1726,172	82°48'17.28"	24°25'36.12"	0.68
22	36	Pond	2A6D1h2b		Parshoi	4306,1720,1719,	82°48'12.96"	24°25'33.60"	0.14
				15					6.34

Details of PRA Activities under		Parshoi, IWMP-IV	District-	Sonbhadra
PRA Team	PIA			
S.No.	Activity During PRA			
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												

PROBLEM AND NEED OF AREA UNDER		Parshoi, IWMP-IV	District-	Sonbhadra
S. No.	Problem			Rank
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				Parshoi, IWMP-IV		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	Jogaeal	4721	180-210	Non Availability of Employment	60-1600 Km.	Unskilled labour	7200-9000/pm
2	Panari	4169	180-210		60-1600 Km.	Unskilled labour	7200-9000/pm
3	Parshoi	1955	180-210		60-1600 Km.	Unskilled labour	7200-9000/pm
Total		10845	180-210		60-1600 Km.	Unskilled labour	7200-9000/pm

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

	Pre Project migration	Post project migration
No.	10845	7592
Days	180-210	120-150

Infrastructure Facilities				
	Parshoi, IWMP-IV		District-	Sonbhadra
1	2	3	4	5
S.No	Infrastructure type	No./Quantity	Distance (km)	Status (description)
1	Educational Institutions			
	Anganwadi	3	Within the village	Running smoothly
	Asha Centre	3	Within the village	Running smoothly
	Pre Primary School	3	-	
	Primary School	3	Within the village	Running smoothly
	Middle School	-	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	-	-	-
2	Service Institutions			
	Bank	1	10-12 km	Nationalized Bank
	Post office	1	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	1/1	15-20 km	Daily/Weekly
3	No. of bore wells	0	-	-
	Functional	0		N.A.
	Defunct	0		N.A.
4	No. of Tube wells	0		
	Functional	0		N.A.
	Defunct	0		N.A.
5	No. Of Well	0		
	Functional	0		N.A.
	Defunct/Abandon	0		N.A.
6	Road Connectivity (to main road by an all- weather road) (Yes/No)	Yes	Yes	
7	Bus facility (Yes/No)	Yes	Tempo Service	Bus facility available up to main road
8	No. of Village provided electricity	All Villages	All Villages	Erratic supply of Electricity
9	No. of HHs with access to drinking water	All Villagers	All Villages	8-10 months
10	Access to Agro Industries (Yes/No)	Yes	In few villages	Unorganized

Details of CPR of the project Area						
			District-	Sonbhadra		
S. No.	VILLAGE NAME	Type of CPR	Area	Under the possession of	Existing use*	Existing condition**
1	Jogaeal	Vegetative cover /Ponds/Pasture	0.12	Gram Panchayat	fuel wood, fodder	no management
2	Jogaeal	Vegetative cover /Ponds/Pasture	0.27	Gram Panchayat	fuel wood, fodder	no management
3	Jogaeal	Vegetative cover /Ponds/Pasture	0.20	Gram Panchayat	fuel wood, fodder	no management
4	Parshoi	Vegetative cover /Ponds/Pasture	0.72	Gram Panchayat	fuel wood, fodder	no management
5	Parshoi	Vegetative cover /Ponds/Pasture	0.08	Gram Panchayat	fuel wood, fodder	no management
6	Parshoi	Vegetative cover /Ponds/Pasture	0.02	Gram Panchayat	fuel wood, fodder	no management
7	Parshoi	Vegetative cover /Ponds/Pasture	0.34	Gram Panchayat	fuel wood, fodder	no management
8	Parshoi	Vegetative cover /Ponds/Pasture	0.07	Gram Panchayat	fuel wood, fodder	no management
9	Parshoi	Vegetative cover /Ponds/Pasture	1.19	Gram Panchayat	fuel wood, fodder	no management
10	Parshoi	Vegetative cover /Ponds/Pasture	0.05	Gram Panchayat	fuel wood, fodder	no management
11	Parshoi	Vegetative cover /Ponds/Pasture	1.30	Gram Panchayat	fuel wood, fodder	no management
12	Parshoi	Vegetative cover /Ponds/Pasture	0.16	Gram Panchayat	fuel wood, fodder	no management
13	Parshoi	Vegetative cover /Ponds/Pasture	0.99	Gram Panchayat	fuel wood, fodder	no management
14	Parshoi	Vegetative cover /Ponds/Pasture	0.68	Gram Panchayat	fuel wood, fodder	no management
15	Parshoi	Vegetative cover /Ponds/Pasture	0.14	Gram Panchayat	fuel wood, fodder	no management

Fuel & Cooking Pattern in the Project Area					
		Parshoi, IWMP-IV		District-	Sonbhadra
S.No.	WC	Cooking gas (% of families)	Fire wood (% of families)	Cow dung cake (% of families)	Kerosene (% of families)
1	Jogaeal	3.00%	59.00%	35.00%	3.00%
2	Parshoi	4.00%	57.00%	34.00%	5.00%

Village Wise Details of Plantation, Afforestation, Horticulture and Fuel & Fodder under Project				
Parshoi, IWMP-IV		District-	Sonbhadra	
Village	Plantation	Afforestation	Horticulture	Fuel & Fodder
Jogaal	0.00	0.00	0.00	0.00
Panari	0.12	0.06	0.00	0.05
Parshoi	15.00	8.33	2.44	4.24
Total	15.12	8.39	2.44	4.29

Details of existing Farm Machinery/Ag. Equipment under the Project Area										
		Parshoi, IWMP-IV District- Sonbhadra								
S. No.	Name of GP	Number of farm machinery/Ag. equipments								
		Tractor	PUMP Set	Plough	Harrow	Cultivator	Sprayer	Rotavator	Chaff Cutter	Thresher
1	Jogaeal	5	12	2	2	0	3	0	3	1
2	Parshoi	12	32	7	7	0	11	0	14	4
Total		17	44	9	9	0	14	0	17	5

Village Wise Human Population of the Project Area of Parshoi, IWMP-IV 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				
1	Jogaeal	Jogaeal	Akhandnagar	3934	21736	11351	10385	4479	2310	2169	2914	1529	1385	14680	7679	7001	5886	4142	1744	15850	7209	8641	2969	75.48	995	25.29
2	Panari	Panari	Akhandnagar	3474	9071	4715	4356	1923	988	935	618	311	307	7740	4038	3702	2132	1483	649	6939	3232	3707	3046	87.67	998	28.73
3	Parshoi	Parshoi	Akhandnagar	1629	20298	10563	9735	4477	2291	2186	1219	661	558	14859	7677	7182	5562	3864	1698	14736	6699	8037	1232	75.61	403	24.74
			Total :	9037	51105	26629	24476	10879	5589	5290	4751	2501	2250	37279	19394	17885	13580	9489	4091	37525	17140	20385	7247	80.19	2396	26.51

Village Wise Farmer's Category of the Project Area of				Parshoi, IWMP-IV		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	Jogaeal	Jogaeal	3934	2366	448	125	2939	995	25.29	2969	13.25
2	Panari	Panari	3474	1986	394	97	2476	998	28.73	3046	11.41
3	Parshoi	Parshoi	1629	977	183	66	1226	403	24.74	1232	13.23
Total			9037	5329	1025	287	6641	2396		7247	

Village-wise Livelihood Status of Assetless People in the Project Area of				Parshoi, IWMP-IV				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	Jogaeal	Jogaeal	995	Agriculture/Casual Labour, Cattle Rearing, Goat Farming, Poultry	345	650	995	616	17500	Agriculture /Casual Labour, Cattle Rearing, Goat Farming, Poultry, Cattle.	25375	17412500	25248125	
2	Panari	Panari	998		346	652	998	618	17000		24650	16966000	24600700	
3	Parshoi	Parshoi	403		140	263	403	249	17000		24650	6851000	9933950	
Total			2396		831	1565	2396	1483			41229500	59782775		
Pre Project Average Income/HH/Annum			17200											
Post Project Average Income			25000	Net Increase in Income 18553275										

Village-wise Livelihood Status of Farmers People in the Project Area of					Parshoi, IWMP-IV		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	Jogaeal	Jogaeal	2939	Agriculture, Labour, Cattle Rearing, Goatary	493	2446	2939	192	22000	Agriculture, Labour, Cattle Rearing, Goatary, Poltry, Horticulture, Micro-enterprises	31900	64658000	93754100	
2	Panari	Panari	2476		415	2061	2476	162	24000		34800	59424000	86164800	
3	Parshoi	Parshoi	1226		205	1021	1226	80	22500		32600	27585000	39967600	
Total			6641		1113	5528	6641	434			151667000	219886500		
Pre Project Average Income/HH/Annum			22800	Net Increase in Income		68219500								
Post Project Average Income			33100											

Details of Livelihood Pattern of the project Area of					Parshoi, IWMP-IV		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	Jogaeal	11039	3872	1310	2427	1984	655	96	694
2	Panari	4210	1479	508	930	760	253	42	239
3	Parshoi	7749	2697	899	1712	1370	428	43	599
Total		22998	8048	2717	5069	4114	1336	181	1532

Details Of Projected Productivity of Livestock Population in Pre Project Period of											Parshoi, IWMP-IV		District-		Sonbhadra					
S. No.	Name of Village	Name of Gram Panchayat	Cow				Buffalo				Ox/ Bull	Goat		Pig		Poultry				Other
			Desi		Crossed		Desi		Murrah			Nos.	Kg.	Nos.	Kg.	Broiler		Layers		
			Nos.	Ltr.	Nos.	Ltr.	Nos.	Ltr.	Nos.	Ltr.						Nos.	Kg.	Nos.	Kg.	
1	Jogaeal	Jogaeal	952	1.2	0	0	2632	2.5	0	0	138	1062	8-10	3318	12-15	399	1-1.5	120	120	
2	Panari	Panari	840	1.2	0	0	81	2.5	0	0	122	936	8-10	1576	12-15	350	1-1.5	104	120	
3	Parshoi	Parshoi	394	1.2	0	0	52	2.5	0	0	58	438	8-10	3032	12-15	161	1-1.5	48	120	
Total			2186	1.2	0	0	2765	2.25	0	0	318	2436	9	7926	13.5	910	1.25	272	120	

Details Of Projected Productivity of Livestock Population in Post Project Period of											Parshoi, IWMP-IV		District-		Sonbhadra					
S. No.	Name of Village	Name of Gram Panchayat	Cow				Buffalo				Ox/ Bull	Goat		Pig		Poultry				Other
			Desi		Crossed		Desi		Murrah			Nos.	Kg.	Nos.	Kg.	Broiler		Layers		
			Nos.	Ltr.	Nos.	Ltr.	Nos.	Ltr.	Nos.	Ltr.						Nos.	Kg.	Nos.	Kg.	
1	Jogaeal	Jogaeal	1380	1.5	0	0	3816	3	0	0	200	2832	11-13	13272	15-18	826	1-1.5	316	180	
2	Panari	Panari	1218	1.5	0	0	117	3	0	0	178	2502	11-13	6304	15-18	728	1-1.5	276	180	
3	Parshoi	Parshoi	571	1.5	0	0	75	3	0	0	84	1170	11-13	12128	15-18	343	1-1.5	132	180	
Total			3169	1.5	0	0	4008	3	0	0	462	6504	12.00	31704	16.5	1897	1.25	724	180	

Pre and Post Income Status from Livestock under The Project Area of				Parshoi, IWMP-IV		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	2186	2623	22	57706	3169	4754	27	128358
Buffalo	2765	6221	22	136862	4008	12024	27	324648
Animal for Other Purpose								
Goat (Meat)	2436	21924	220	4823280	6504	78048	240	18731520
Pig (Meat)	7926	107001	55	5885055	31704	523116	60	31386960
Broiler (Meat)	910	1138	70	79660	1897	2371	85	201535
Eggs	272	32640	3	97920	724	130320	4	521280
TOTAL Income:				11080483				51294301
		Pre Project		Post Project		Total Human Population		102438
Total Meat Production/Year		130063		603535		Assuming 10% increase		10243
Total Milk Production/day		8844		16778		Population in Post project		112681
Milk Production/head/day		0.086		0.148				
Average Production Cost 70%		28149672						
Net Profit 30%		12064145		Net Increase in Income		40213818		

Livestock population and Requirement of fodder in Project Area of					Parshoi, IWMP-IV	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	318	300	95400	2385.00	1590.00	1060.00	1178.00	530.00	2120.00	795.00	1204.00
2	Buffaloes	2765	400	1106000	27650.00	18433.00	12289.00	13654.00	6144.00	24576.00	9217.00	13954.00
3	Indiginous Cow	2186	300	655800	16395.00	10930.00	7287.00	8097.00	3643.00	14572.00	5465.00	8274.00
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	2436	10	24360	609.00	406.00	271.00	301.00	135.00	540.00	203.00	307.00
Total :								23230.00		41808.00	15680.00	23739.00
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				Parshoi, IWMP-IV			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
23739.00	5282.00	6943.00	3234.00	8479.00	15260.00	5723.00	3197.00	8317.00	2489.00	14003.00
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
			18553275		68219500		40213818	126986593
1	1	0	0		0		0	0
2	2	0	0		0		0	0
3	3	12	2226393		8186340		4825658	15238391
4	4	16	2968524		10915120		6434211	20317855
5	5	20	3710655		13643900		8042764	25397319
6	6	24	4452786		16372680		9651316	30476782
7	7	28	5194917		19101460		11259869	35556246
	Total	100	18553275		68219500		40213818	126986593

Problem Thrust Area of Livestock Production in the Project Area c		Parshoi, IWMP-IV	District-	Sonbhadra
S.No.	Problem Thrust Area	Proposed Intervention		
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		

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

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

Details of WCDC's Staff, District- Sonbhadra

Sr. No.	Name	Qualification	Experience (Yrs.)	Designation	Contact NO. & e-mail
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

Details of WDT Attached with PIA, District- Sonbhadra

Sr. No.	Name	Qualification	Experience	Designation	Contact NO. & e-mail
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 Parshoi, IWMP-IV 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								Women	GP member	SHG Member	UG Member	
				Assetlee	Marginal	Small	Large	WDT	Total	SC	OBC	Gen.	Total	Primary	Jr. HS	HS	Inter	Graduate	PG	Literate	Illiterate					Total
1	Jogaeal	Mr. Prabhu Nath	Mr. Ramu	1	5	4	0	1	11	7	3	1	11	1	0	1	0	1	0	3	5	11	2	1	2	6
2	Parshoi	Smt. Sudhari	Mr. Arvind	1	6	3	0	1	11	10	0	1	11	1	0	0	1	0	0	7	2	11	2	1	2	6
TOTAL :	28	28	28	2	11	7	0	2	22	17	3	2	22	2	0	1	1	1	0	10	7	22	4	2	4	12

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								
Parshoi, IWMP-IV				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	Jogaeal	4	12	5	21	105	10	50
2	Parshoi	24	73	26	123	615	52	260
TOTAL :		28	85	31	144	720	62	310

* 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 Develoment 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
		TOTAL	0.500	0.000	0.000	0.000	4.000	0.500	1.000	0.000	0.000	0.000	0.000	6.000
	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
		TOTAL	1.500	0.200	0.300	0.000	2.500	0.000	1.000	1.000	1.000	7.500	0.000	14.000
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
		TOTAL	2.700	0.200	0.175	0.000	0.750	0.000	2.500	2.500	16.175	0.000	0.000	25.020
	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
		TOTAL	2.700	0.200	0.175	0.000	0.750	0.000	2.500	2.500	16.175	0.000	0.000	25.020
IInd 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	
		TOTAL	2.600	0.400	0.350	0.000	0.500	0.000	3.000	4.000	16.150	3.000	30.000	
TOTAL (100%)	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	
	TOTAL	10.000	1.000	1.000	4.000	5.000	1.000	9.000	10.000	56.000	3.000	0.000	100.000	

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										Parshoi, IWMP-IV	District-	Sonbhadra		
परियोजना	Parshoi, IWMP-IV	District-	Sonbhadra	नियोजित क्षेत्रों में 5150.00				Sanctioned Amount Rs. In Lakhs				618.00		
योजना के चरण	वर्ष	संस्था	प्रशासनिक 10%	निगरानी (मानिट्रिंग) 1%	मूल्यांकन 1%	ई0पी0ए0 4%	आई0 एण्ड सी0बी0 5%	डी0पी0आर0 1%	आजीविका प्रबन्धन 9%	उत्पादन प्रणाली तथा अति सूक्ष्म उद्यम 10%	कार्य मद 56%	कन्सोलिडेशन 3%	योग 100%	
प्रारम्भिक चरण 20% (Preparatoy Phase 20%)	Ist Year प्रथम वर्ष 6%	SLNA					0.927						0.927	
		WCDC					0.927						0.927	
		PIA	1.545			24.720	1.236	6.180					33.681	
		WC	1.545										1.545	
		TOTAL	3.090	0	0	24.720	3.090	6.180	0	0	0	0	0	37.080
	IIInd Year द्वितीय वर्ष 14%	SLNA			0.309	1.854		0.309						2.472
		WCDC			0.618			2.163						2.781
		PIA	4.635		0.309			12.978						17.922
		WC	4.635						6.180	6.180	46.350			63.345
		TOTAL	9.270	1.236	1.854	0.000	15.450	0	6.180	6.180	46.350	0	0	86.520
वाटरशेड कार्य चरण 50% (Work Phase 50%)	IIIrd Year तृतीय वर्ष 25%	SLNA			0.247	1.082		0.309					1.638	
		WCDC			0.618			0.773					1.391	
		PIA	8.343		0.371			3.554						12.267
		WC	8.343						15.450	15.450	99.962			139.205
		TOTAL	16.686	1.236	1.082	0.000	4.635	0	15.450	15.450	99.962	0	0	154.500
	IVth Year चतुर्थ वर्ष 25%	SLNA			0.247	1.082		0.309						1.638
		WCDC			0.618			0.773						1.391
		PIA	8.343		0.371			3.554						12.267
		WC	8.343						15.450	15.450	99.962			139.205
		TOTAL	16.686	1.236	1.082	0.000	4.635	0	15.450	15.450	99.962	0	0	154.500
समेकन चरण 30% (Consolidation Phase 30%)	Vth Year पंचम वर्ष 30%	SLNA			0.494	2.163						0.618	3.275	
		WCDC			1.236			0.927				0.618	2.781	
		PIA	8.034		0.742			2.163				1.236	12.175	
		WC	8.034						18.540	24.720	99.807	16.068	167.169	
		TOTAL	16.068	2.472	2.163	0.000	3.090	0.000	18.540	24.720	99.807	18.540	185.400	
योग (100%)		SLNA	0	1.298	6.180	0	1.854	0	0	0	0	0.618	9.950	
		WCDC	0	3.090	0	0	5.562	0	0	0	0	0.618	9.270	
		PIA	30.900	1.792	0	24.720	23.484	6.180	0	0	0	1.236	88.312	
		WC	30.900	0	0	0	0	0	55.620	61.800	346.080	16.068	510.468	
		TOTAL	61.800	6.180	6.180	24.720	30.900	6.180	55.620	61.800	346.080	18.540	618.000	

Availability of Fund At Micro Watershed Level Under The Project of- Planned Area in ha :				Parshoi, IWMP-IV 5150.00							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	2A6D1d1f	Jogaeal-I	333.036	260	1.248	0.312	1.56	0.312	0.312	3.12	2.808	3.12	17.472	0.936	31.20
2	2A6D1e1a	Jogaeal-II	559.557	436	2.093	0.523	2.616	0.5232	0.5232	5.232	4.7088	5.232	29.2992	1.5696	52.32
3	2A6D1e1b	Jogaeal-III	611.806	477	2.29	0.572	2.862	0.5724	0.5724	5.724	5.1516	5.724	32.0544	1.7172	57.24
4	2A6D1e1c	Jogaeal-IV	476.441	370	1.776	0.444	2.22	0.444	0.444	4.44	3.996	4.44	24.864	1.332	44.40
5	2A6D1e2a	Jogaeal-V	691.964	539	2.587	0.647	3.234	0.6468	0.6468	6.468	5.8212	6.468	36.2208	1.9404	64.68
6	2A6D1e2d	Jogaeal-VI	608.465	474	2.275	0.569	2.844	0.5688	0.5688	5.688	5.1192	5.688	31.8528	1.7064	56.88
7	2A6D1g1a	Parshoi-I	528.966	412	1.978	0.494	2.472	0.4944	0.4944	4.944	4.4496	4.944	27.6864	1.4832	49.44
8	2A6D1g1b	Parshoi-II	468.047	365	1.752	0.438	2.19	0.438	0.438	4.38	3.942	4.38	24.528	1.314	43.80
9	2A6D1g1c	Parshoi-III	464.42	361	1.733	0.433	2.166	0.4332	0.4332	4.332	3.8988	4.332	24.2592	1.2996	43.32
10	2A6D1g1d	Parshoi-IV	505.84	394	1.891	0.473	2.364	0.4728	0.4728	4.728	4.2552	4.728	26.4768	1.4184	47.28
11	2A6D1h1a	Parshoi-V	459.583	315	1.512	0.378	1.89	0.378	0.378	3.78	3.402	3.78	21.168	1.134	37.80
12	2A6D1h2a	Parshoi-VI	515.842	397	1.906	0.476	2.382	0.4764	0.4764	4.764	4.2876	4.764	26.6784	1.4292	47.64
13	2A6D1h2b	Parshoi-VII	449.444	350	1.68	0.42	2.1	0.42	0.42	4.2	3.78	4.2	23.52	1.26	42.00
TOTAL :			6673.41	5150	24.72	6.18	30.90	6.18	6.18	61.80	55.62	61.80	346.08	18.54	618.00

YEARWISE FINANCIAL BREAKUP (in%) OF VARIOUS COMPONENT UNDER								Parshoi, IWMP-IV		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
		IIInd 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
	TOTAL :		10	4	5	1	56	9	10	1	1	3	100

YEARWISE FINANCIAL BREAKUP OF VARIOUS COMPONENT UNDER								Parshoi, IWMP-IV		District-	Sonbhadra		
						Area in ha		5150.00		Amount in Lakhs			618.00
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	3.0900	24.7200	3.0900	6.1800	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	37.08
		IIInd Year	9.2700	0.0000	15.4500	0.0000	46.3500	6.1800	6.1800	1.2360	1.8540	0.0000	86.52
2	II nd Phase	IIIrd Year	16.6860	0.0000	4.6350	0.0000	99.9615	15.4500	15.4500	1.2360	1.0815	0.0000	154.50
		IVth Year	16.6860	0.0000	4.6350	0.0000	99.9615	15.4500	15.4500	1.2360	1.0815	0.0000	154.50
3	III rd Phase	Vth Year	16.0680	0.0000	3.0900	0.0000	99.8070	18.5400	24.7200	2.4720	2.1630	18.5400	185.40
	TOTAL :		61.80	24.72	30.90	6.18	346.08	55.62	61.80	6.18	6.18	18.54	618.00

% of Budget for Various Components Under			Parshoi, IWMP-IV		District-	Sonbhadra
			Area in ha :	5150.00	Amount in Lacs :	618.00
S. No.	Budget Component	%	Total Amount (in Rs.)		Total Amount (In Lakhs)	
A.	Management Cost					
	1. Administrative	10	6180000.00		61.80	
	2. Monitoring	1	618000.00		6.18	
	3. Evaluation	1	618000.00		6.18	
	SUB TOTAL :	12	7416000.00		74.16	
B.	Preparatory Phase					
	1. Entry Point Activities	4	2472000.00		24.72	
	2. Institution & Capacity Building	5	3090000.00		30.90	
	3. Detailed Project Report (DPR)	1	618000.00		6.18	
	SUB TOTAL :	10	6180000.00		61.80	
C.	Watershed Work Phase					
	1. Livelihood Activities for the Asset less Person	9	5562000.00		55.62	
	2. Production System and Micro-enterprises	10	6180000.00		61.80	
	3. Watershed Development Works	56	34608000.00		346.08	
	SUB TOTAL :	75	46350000.00		463.50	
D.	Consolidation Phase	3	1854000.00		18.54	
	Grand Total :	100	61800000.00		618.00	

Availability of Fund At Watershed Committee Level Formed Under The Project Area							
Parshoi, IWMP-IV		District-	Sonbhadra	Treatable Area :	5150.00	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	Jogaeal	717	7.7436	8.6040	48.1824	2.2370	66.7670
2	Parshoi	4433	47.8764	53.1960	297.8976	13.8310	412.8010
TOTAL :		5150	55.62	61.8	346.08	16.068	479.568

WC wise Yearly availability of Fund Under Various Components of IWMP (Amount in Lakhs)												Parshoi, IWMP-IV		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	Jogaeal	717	0.860	0.860	6.453	2.151	2.151	13.917	2.151	2.151	13.917	2.581	3.442	13.895	2.237	7.744	8.604	48.182	2.237	66.767
2	Parshoi	4433	5.320	5.320	39.897	13.299	13.299	86.045	13.299	13.299	86.045	15.959	21.278	85.912	13.831	47.876	53.196	297.898	13.831	412.801
TOTAL :		5150	6.18	6.18	46.35	15.45	15.45	99.96	15.45	15.45	99.96	18.54	24.72	99.81	16.07	55.62	61.80	346.08	16.07	479.57

Details of EPA Activities Executed under Project Area						Parshoi, IWMP-IV	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	2A6D1d1f	Jogaeal-I	333	260	1.25	Well repair & Chabutara		1.248	
							Sub Total	1.248	0.000
2	2A6D1e1a	Jogaeal-II	560	436	2.09	Well repair & Chabutara		2.093	
							Sub Total	2.093	0.000
3	2A6D1e1b	Jogaeal-III	612	477	2.29	Well repair & Chabutara		2.290	
							Sub Total	2.290	0.000
4	2A6D1e1c	Jogaeal-IV	476	370	1.78	Well repair & Chabutara		1.802	
							Sub Total	1.802	-0.026
5	2A6D1e2a	Jogaeal-V	692	539	2.59	Well repair & Chabutara		2.587	
							Sub Total	2.587	0.001
6	2A6D1e2d	Jogaeal-VI	608	474	2.28	Well repair & Chabutara		2.332	
							Sub Total	2.332	-0.057
7	2A6D1g1a	Parshoi-I	529	412	1.98	Well repair & Chabutara		1.978	
							Sub Total	1.978	0.000
8	2A6D1g1b	Parshoi-II	468	365	1.75	Well repair & Chabutara		1.752	
						Recharge Pit			
							Sub Total	1.752	0.000
9	2A6D1g1c	Parshoi-III	464	361	1.73	Well repair & Chabutara		1.733	
							Sub Total	1.733	0.000
10	2A6D1g1d	Parshoi-IV	506	394	1.89	Well repair & Chabutara		1.810	
						Charahi			
							Sub Total	1.810	0.081
11	2A6D1h1a	Parshoi-V	460	315	1.51	Well repair & Chabutara		1.512	
							Sub Total	1.512	0.000
12	2A6D1h2a	Parshoi-VI	516	397	1.91	Well repair & Chabutara		1.905	
						Bathroom & Foundation of handpump			
							Sub Total	1.905	0.001
13	2A6D1h2b	Parshoi-VII	449	350	1.68	Well repair & Chabutara		1.680	
							Sub Total	1.680	0.000
Total :				5150	24.72				0.000

Microwatershed-wise Financial Break-up of Institutional & Capacity Building Programme (Year-wise)																			Parshoi, IWMP-IV					District			Sonbhadra			Area in ha Amount in Lakhs			
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	2A6D1d1f	Jogaeal-I	260.00	0.0468	0.0468	0.0624	0	0.156	0.02	0.11	0.66	0.00	0.78	0.02	0.04	0.18	0.00	0.23	0.02	0.04	0.18	0.00	0.23	0.00	0.05	0.11	0.00	0.16	0.09	0.28	1.19	0.00	1.56
2	2A6D1e1a	Jogaeal-II	436.00	0.0785	0.0785	0.1046	0	0.262	0.03	0.18	1.10	0.00	1.31	0.03	0.07	0.30	0.00	0.39	0.03	0.07	0.30	0.00	0.39	0.00	0.08	0.18	0.00	0.26	0.16	0.47	1.99	0.00	2.62
3	2A6D1e1b	Jogaeal-III	477.00	0.0859	0.0859	0.1145	0	0.286	0.03	0.20	1.20	0.00	1.43	0.03	0.07	0.33	0.00	0.43	0.03	0.07	0.33	0.00	0.43	0.00	0.09	0.20	0.00	0.29	0.17	0.52	2.18	0.00	2.86
4	2A6D1e1c	Jogaeal-IV	370.00	0.0666	0.0666	0.0888	0	0.222	0.02	0.16	0.93	0.00	1.11	0.02	0.06	0.26	0.00	0.33	0.02	0.06	0.26	0.00	0.33	0.00	0.07	0.16	0.00	0.22	0.13	0.40	1.69	0.00	2.22
5	2A6D1e2a	Jogaeal-V	539.00	0.097	0.097	0.1294	0	0.323	0.03	0.23	1.36	0.00	1.62	0.03	0.08	0.37	0.00	0.49	0.03	0.08	0.37	0.00	0.49	0.00	0.10	0.23	0.00	0.32	0.19	0.58	2.46	0.00	3.23
6	2A6D1e2d	Jogaeal-VI	474.00	0.0853	0.0853	0.1138	0	0.284	0.03	0.20	1.19	0.00	1.42	0.03	0.07	0.33	0.00	0.43	0.03	0.07	0.33	0.00	0.43	0.00	0.09	0.20	0.00	0.28	0.17	0.51	2.16	0.00	2.84
7	2A6D1g1a	Parshoi-I	412.00	0.0742	0.0742	0.0989	0	0.247	0.02	0.17	1.04	0.00	1.24	0.02	0.06	0.28	0.00	0.37	0.02	0.06	0.28	0.00	0.37	0.00	0.07	0.17	0.00	0.25	0.15	0.44	1.88	0.00	2.47
8	2A6D1g1b	Parshoi-II	365.00	0.0657	0.0657	0.0876	0	0.219	0.02	0.15	0.92	0.00	1.10	0.02	0.05	0.25	0.00	0.33	0.02	0.05	0.25	0.00	0.33	0.00	0.07	0.15	0.00	0.22	0.13	0.39	1.66	0.00	2.19
9	2A6D1g1c	Parshoi-III	361.00	0.065	0.065	0.0866	0	0.217	0.02	0.15	0.91	0.00	1.08	0.02	0.05	0.25	0.00	0.32	0.02	0.05	0.25	0.00	0.32	0.00	0.06	0.15	0.00	0.22	0.13	0.39	1.65	0.00	2.17
10	2A6D1g1d	Parshoi-IV	394.00	0.0709	0.0709	0.0946	0	0.236	0.02	0.17	0.99	0.00	1.18	0.02	0.06	0.27	0.00	0.35	0.02	0.06	0.27	0.00	0.35	0.00	0.07	0.17	0.00	0.24	0.14	0.43	1.80	0.00	2.36
11	2A6D1h1a	Parshoi-V	315.00	0.0567	0.0567	0.0756	0	0.189	0.02	0.13	0.79	0.00	0.95	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	1.44	0.00	1.89
12	2A6D1h2a	Parshoi-VI	397.00	0.0715	0.0715	0.0953	0	0.238	0.02	0.17	1.00	0.00	1.19	0.02	0.06	0.27	0.00	0.36	0.02	0.06	0.27	0.00	0.36	0.00	0.07	0.17	0.00	0.24	0.14	0.43	1.81	0.00	2.38
13	2A6D1h2b	Parshoi-VII	350.00	0.063	0.063	0.084	0	0.21	0.02	0.15	0.88	0.00	1.05	0.02	0.05	0.24	0.00	0.32	0.02	0.05	0.24	0.00	0.32	0.00	0.06	0.15	0.00	0.21	0.13	0.38	1.60	0.00	2.10
Total :			5150	0.927	0.927	1.236	0.000	3.090	0.309	2.163	12.978	0.000	15.450	0.309	0.773	3.554	0.000	4.635	0.309	0.773	3.554	0.000	4.635	0.000	0.927	2.163	0.000	3.090	1.854	5.562	23.484	0.000	30.900

At A Glance	Annual Action Plan (APP) of I & CB of Project Area Under Parshoi, IWMP-IV						Amount in Lakhs
	District:-	Sonbhadra	(5% of Project Cost) Area ha			5150.00	
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	1.854
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 Inovative 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
	Sub Total of 2 :	100					0.700
2.3	Exposure Visit						
2.3.a	In the District	531	1	1	531	0.00150	0.7965
2.3.b	Within State	400	1	1	400	0.00400	1.600
2.3.c	Out of State	35	1	7	245	0.00700	1.715
	Sub Total of WCDC	966	4		1196		5.5615
3	PIA						
3.1	PIA	15.00	2	6	180	0.00670	1.206
3.2	WDT	14	2	5	140	0.00670	0.938
3.3	WC Basic	1499	1	1	1499	0.00317	4.752
3.4	WC Member	60	2	1	120	0.00317	0.380
3.5	WC Functionaries	20	2	1	40	0.00670	0.268
3.6	UGs	520	1	1	520	0.00317	1.648
3.7	UGs Functionaries	222	1	2	444	0.00670	2.975
3.8	SHGs	740	1	3	2220	0.00317	7.037
3.9	SHGs Functionaries	298	1	2	596	0.00670	3.993
	Sub Total of PIA	3388			5759		23.198
3.10	Skill Training (from Convergence)	105	1	30	3150	0.00500	15.750
	Sub Total :	105			3150		38.948
	Total :	4459			10105	-	46.364
Fund From IWMP							30.900
Convergence from NRLM/SKILL Development Mission							15.464

Ist Year	Annual Action Plan (APP) of I & CB of Project Area Under				Parshoi, IWMP-IV		Amount in Lakhs
	District :	Sonbhadra		(0.5% of Project Cost) Area :		5150.00	
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	0.9270
2	WCDC						
2.1	District Level Workshop	0	0	0	0	0.01000	0.000
2.2	Convergence Workshop	20	1	1	20	0.00700	0.140
2.3	Exposure Visit						
2.3.a	In the District	151	1	1	151	0.00150	0.227
2.3.b	Within State	140	1	1	140	0.00400	0.560
2.3.c	Out of State	0	0	0	0	0.00700	0.000
	Sub Total of WCDC	291	3		311		0.927
3	PIA						
3.1	PIA	5	2	6	60	0.00670	0.402
3.2	WDT	2	2	5	20	0.00670	0.134
3.3	WC Basic	204	1	1	204	0.00317	0.647
3.4	WC Member	0	2	1	0	0.00317	0.000
3.5	WC Functionaries	4	2	1	8	0.00670	0.054
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
	Sub Total of PIA	215			292		1.236
3.10	Skill Training	0	0	0	0	0.00500	0.000
Sub Total :		0			0		0.000
Total :		506			603	-	3.09
Fund From IWMP							3.09

IInd Year	Annual Action Plan (APP) of I & CB of Project Area Under Parshoi, IWMP-IV District:- Sonbhadra (2.5% of Project Cost) Area ha 5150.00						Amount in Lacs
	S. No.	Level	Number of persons to be trained	Nos. Of Trngs	Days	Preson days	
1	SLNA	0	0	0	0	0.00000	0.309
2	WCDC						
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	Exposure Visit						
2.3.a	In the District	145	1	1	145	0.00150	0.218
2.3.b	Within State	80	1	1	80	0.00400	0.320
2.3.c	Out of State	15	1	7	105	0.00700	0.735
	Sub Total of WCDC	240	5		425		2.163
3	PIA						
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	1295	1	1	1295	0.00317	4.105
3.4	WC Member	20	4	1	80	0.00317	0.254
3.5	WC Functionaries	4	4	1	16	0.00670	0.107
3.6	UGs	310	1	1	310	0.00317	0.983
3.7	UGs Functionaries	124	1	2	248	0.00670	1.662
3.8	SHGs	400	1	3	1200	0.00317	3.804
3.9	SHGs Functionaries	120	1	2	240	0.00670	1.608
	Sub Total of PIA	2279			3457		12.978
3.10	Skill Training	0	0	0	0	0.00500	0.000
	Sub Total :	0			0		12.978
	Total :	2519			3882	-	15.449
Fund From IWMP							15.450

Illrd Year	Annual Action Plan (APP) of I & CB of Project Area Under District:- Sonbhadra (0.75% of Project Cost) Area ha Parshoi, IWMP-IV 5150.00						Amount in Lakhs
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	0.309
2	WCDC						
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	Exposure Visit						
2.3.a	In the District	42	1	1	42	0.00150	0.0630
2.3.b	Within State	20	1	1	20	0.00400	0.080
2.3.c	Out of State	10	1	7	70	0.00700	0.490
	Sub Total of WCDC	72	4		152		0.7730
3	PIA						
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	4	4	1	16	0.00670	0.107
3.6	UGs	44	1	1	44	0.00317	0.139
3.7	UGs Functionaries	34	1	2	68	0.00670	0.456
3.8	SHGs	140	1	3	420	0.00317	1.331
3.9	SHGs Functionaries	72	1	2	144	0.00670	0.965
	Sub Total of PIA	320			796		3.554
3.10	Skill Training (from Convergence)	35	1	30	1050	0.00500	5.250
Sub Total :		35			1050		8.804
Total :		427			1998	-	9.886
Fund From IWMP							4.635
Convergence from NRLM/SKILL Development Mission							5.251

IVth Year	Annual Action Plan (APP) of I & CB of Project Area Under Parshoi, IWMP-IV District:- Sonbhadra (0.75% of Project Cost) Area ha 5150.00						Amount in Lakhs
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	0.309
2	WCDC						
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	Exposure Visit						
2.3.a	In the District	42	1	1	42	0.00150	0.0630
2.3.b	Within State	20	1	1	20	0.00400	0.080
2.3.c	Out of State	10	1	7	70	0.00700	0.490
	Sub Total of WCDC	72	4		152		0.7730
3	PIA						
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	4	4	1	16	0.00670	0.107
3.6	UGs	44	1	1	44	0.00317	0.139
3.7	UGs Functionaries	34	1	2	68	0.00670	0.456
3.8	SHGs	140	1	3	420	0.00317	1.331
3.9	SHGs Functionaries	72	1	2	144	0.00670	0.965
	Sub Total of PIA	320			796		3.554
3.10	Skill Training (from Convergence)	35	1	30	1050	0.00500	5.250
	Sub Total :	35			1050		8.804
	Total :	427			1998	-	9.886
Fund From IWMP							4.635
Convergence from NRLM/SKILL Development Mission							5.251

Vth Year	Annual Action Plan (APP) of I & CB of Project Area Under District:- Sonbhadra (0.5% of Project Cost) Area ha Parshoi, IWMP-IV 5150.00						Amount in Lakhs
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	WCDC						
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	Exposure Visit						
2.3.a	In the District	151	1	1	151	0.00150	0.227
2.3.b	Within State	140	1	1	140	0.00400	0.560
2.3.c	Out of State	0	0	0	0	0.00700	0.000
	Sub Total of WCDC	291	3		311		0.927
3	PIA						
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	4	2	1	8	0.00670	0.054
3.6	UGs	122	1	1	122	0.00317	0.387
3.7	UGs Functionaries	30	1	2	60	0.00670	0.402
3.8	SHGs	60	1	3	180	0.00317	0.571
3.9	SHGs Functionaries	34	1	2	68	0.00670	0.456
	Sub Total of PIA	254			482		2.163
3.10	Skill Training (from Convergence)	35	1	30	1050	0.00500	5.250
	Sub Total :	35			1050		7.413
	Total :	580			1843	-	8.340
	Fund From IWMP						3.090
	Convergence from NRLM/SKILL Development Mission						5.250

5200

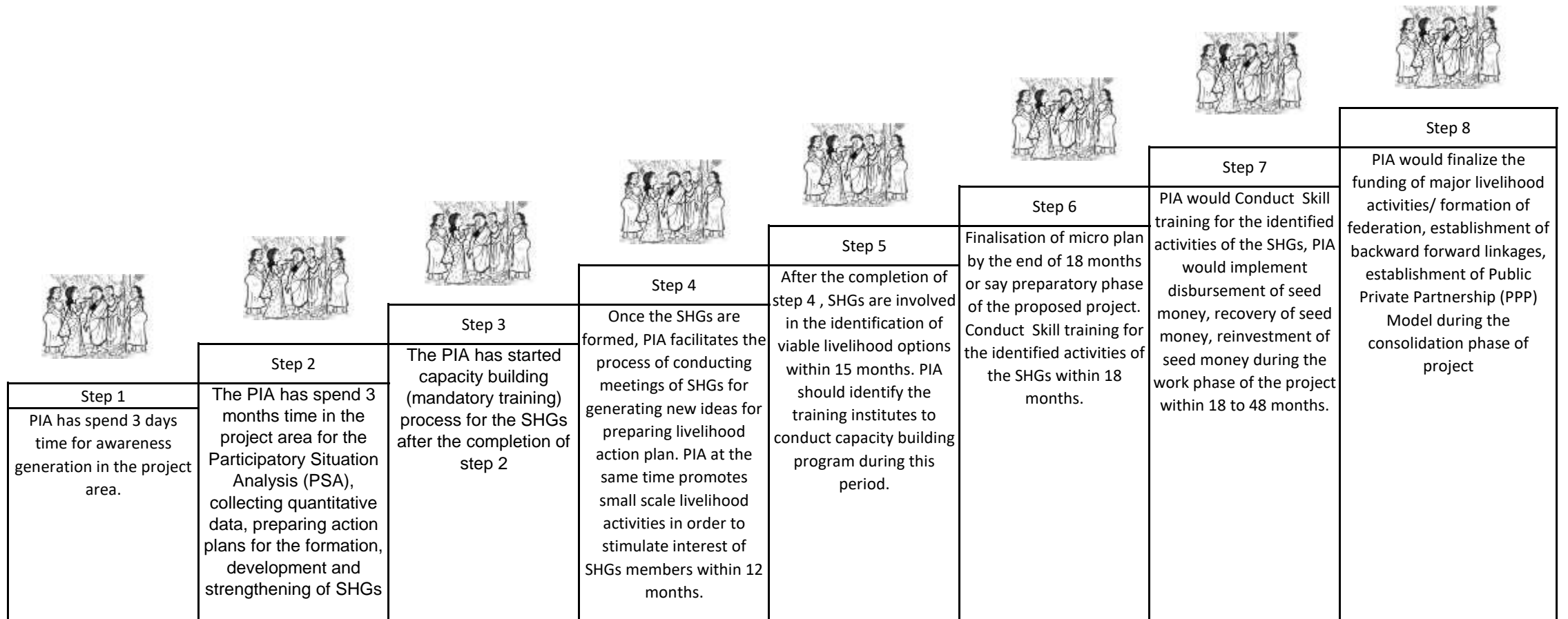
List of Identified Training Institute		
S. No.	Training Institute	Area of Specialization
1	Indian Veterinary Research Institute IVRI, Izatnagar, Bareilly in Uttar Pradesh	Livestock Rearing and Management.
2	Banaras Hindu University (BHU) , Varanasi, Uttar Pradesh 221005 Phone: 0542 236 8558	Farming System 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.

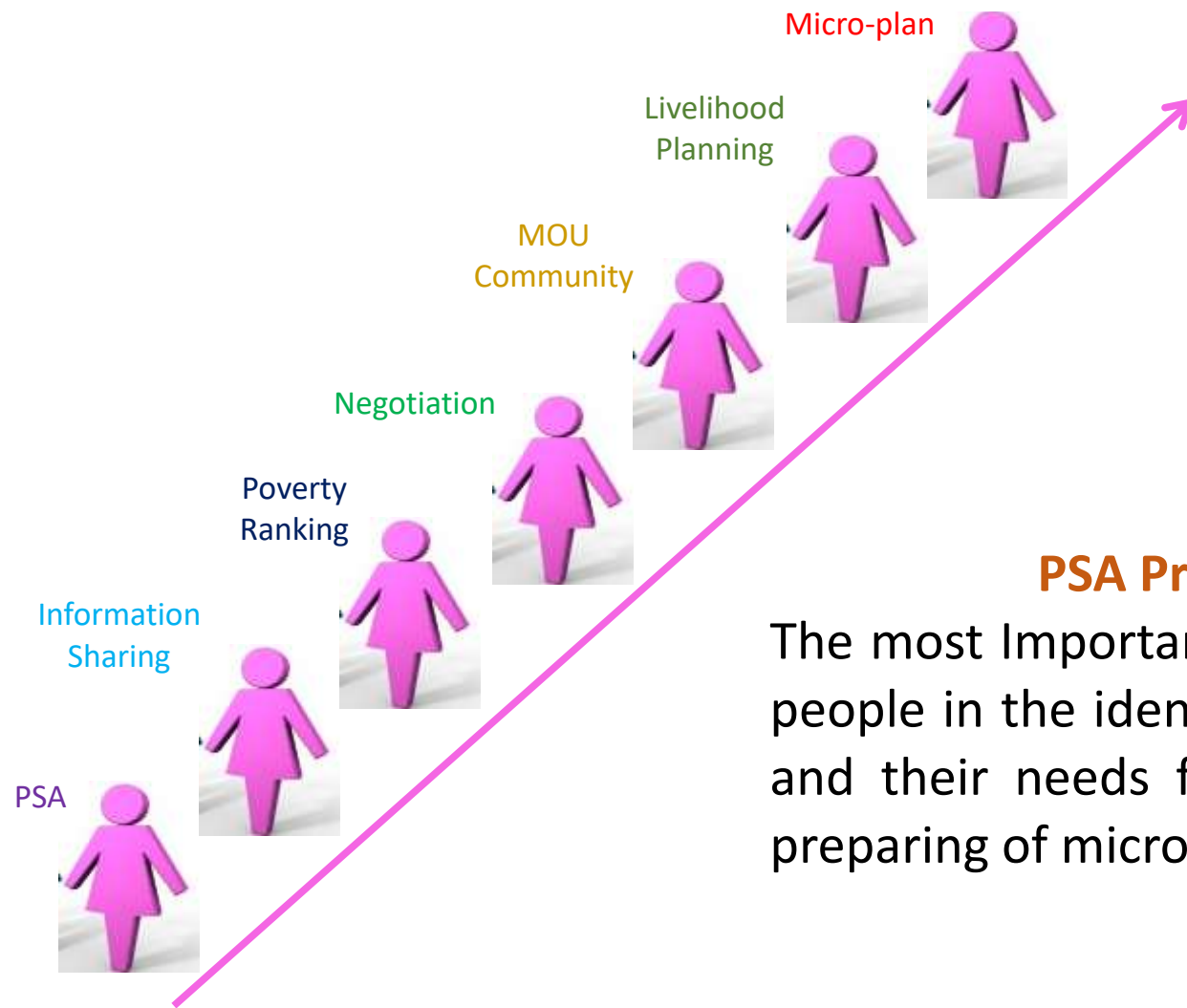
24	State Agriculture Management Institute, U.P.	Basic Orientation, Project Formulaion, Production System.
25	The ICAR-Indian Institute of Soil and Water Conservation(ICAR-IISWC), (Formerly CSWCRTI), 218, Kaulagarh Road, Forest Research Institute, ONGC, Dehradun, Uttarakhand 248195 Phone: 0135 275 7214	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.

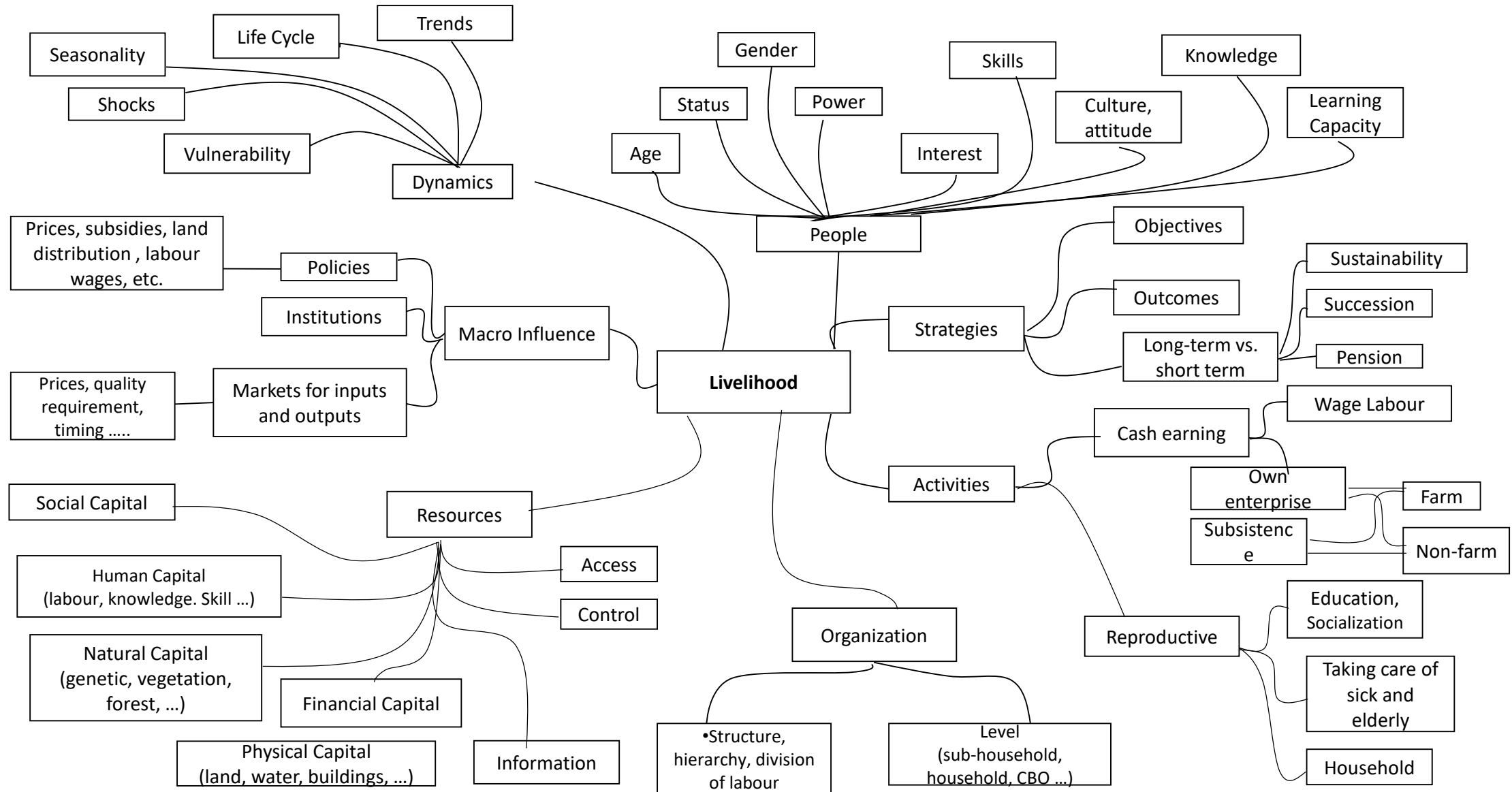




PSA Process Adopted

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.55.62 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. 38.93 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. 16.69 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 seed money is given in Table of Unit Cost for LA activities. -

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

- | | | |
|---|---|---------------------|
| •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. 16.69 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 -in-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				Parshoi, IWMP-IV		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 Parshoi, IWMP-IV 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	Jogaeal	717	7.7436	5.4205	4.8785	21	0.5421	7	2	4.6462	0.9292	2.3231	1.39385
2	Parshoi	4433	47.8764	33.5135	30.1621	123	3.3513	37	8	28.7258	5.7452	14.3629	8.61775
Total :		5150.00	55.62	38.93	35.04	144	3.8934	44	10	33.3720	6.6744	16.6860	10.0116

IInd Year		Annual Action Plan (AAP) For Seed Money Distribution to SHGs/Individuals and Grant-in-aid Under									
Livelihood Component of Project Area Under				Parshoi, IWMP-IV		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 (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	Jogaeal	717	0.8604	0.6023	0.5421	2	0.0602	1		0.2581	
2	Parshoi	4433	5.3196	3.7237	3.3513	14	0.3724	5		1.5959	
Total :		5150	6.1800	4.3260	3.8934	16	0.4326	6		1.8540	

Note

IIIrd Year		Annual Action Plan (AAP) For Seed Money Distribution to SHGs/Individuals and Grant-in-aid Under									
Livelihood Component of Project Area Under				Parshoi, IWMP-IV		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 (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	Jogaeal	717	2.1510	1.5057	1.3551	6	0.1506	2		0.6453	
2	Parshoi	4433	13.2990	9.3093	8.3784	34	0.9309	10		3.9897	
Total :		5150.00	15.4500	10.8150	9.7335	40	1.0815	12	0	4.6350	0

IVth Year		Annual Action Plan (AAP) For Seed Money Distribution to SHGs/Individuals and Grant-in-aid Under									
Livelihood Component of Project Area Under				Parshoi, IWMP-IV		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 (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	Jogaeal	717	2.1510	1.5057	1.3551	6	0.1506	2		0.6453	
2	Parshoi	4433	13.2990	9.3093	8.3784	34	0.9309	10		3.9897	
Total :		5150.00	15.450	10.815	9.734	40	1.082	12	0	4.635	

Vth Year		Annual Action Plan (AAP) For Seed Money Distribution to SHGs/Individuals and Grant-in-aid Under									
Livelihood Component of Project Area Under				Parshoi, IWMP-IV		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 (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	Jogaeal	717	2.5812	1.8068	1.6262	7	0.1807	2		0.7744	
2	Parshoi	4433	15.9588	11.1712	10.0540	41	1.1171	12		4.7876	
Total :		5150.00	18.5400	12.9780	11.6802	48	1.2978	14	0	5.5620	0

Capacity Building Plan Under Livelihood Component of		Parshoi, IWMP-IV	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.
1	Crop Demonstration				
1.1	Perl Millets	ha	0.080	0.25	4
1.2	Pulses -Urd/Moong/ Arhar	ha	0.120	0.25	4
1.3	Oil Seeds	ha	0.120	0.25	4
1.4	Chia	ha	0.100	0.25	4
1.5	Quinoa	ha	0.120	0.25	4
2	Vegetables				
2.1	Tomato/Brinjal/Okra/Shimla Mirch	ha	0.240	0.1	10
2.2	Cauliflower/ Cabbage	ha	0.240	0.1	10
2.3	Cucurbits	ha	0.120	0.1	10
2.4	Shakbhaji	ha	0.100	0.1	10
3	Spices				
3.1	Garlic/ Ginger/ Turmeric	ha	0.240	0.1	10
3.2	Coriander/ Methi/ Saunf/ Kalaunji	ha	0.120	0.1	10
3.3	Chilly	ha	0.200	0.1	10
4	Floriculture				
4.1	Marry Gold	ha	0.240	0.1	10
4.2	Deshi Gulab	ha	0.240	0.1	10
5	Agro-forestry	ha	0.100	0.25	4
6	Distribution of Various Kit				
6.1	IPM Kit	No.	0.020	1	1
6.2	Seed Kit	No.	0.005	1	1
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

S. No.	Particulars	Unit in ha/No.	Unit Cost in Lacs	Unit Size	No. of Farmer/ha/No.
13	Distribution of Agriculture Equipments				
13.1	chaff cutter	No.	0.060	1	5
10	50	No.	0.030	1	5
52	Broadcaster	No.	0.015	1	5
13.4	Wanoing Fan	No.	0.030	1	5
13.5	Cono Weeded	No.	0.014	1	5
13.6	Seed Treatment Drum	No.	0.020	1	5
13.7	Irrigation Pipe	No.	0.040	1	5
13.8	Portable Pump for Lift Irrigation	No.	0.240	1	5
14	Micro-enterprises				
14.1	Mushroom Cultivation	No.	0.240	1	1
14.2	Apiculture	No.	0.240	1	1
14.3	Fruit Preservation	No.	0.240	1	1
14.4	Poultry	No.	0.200	1	1
14.5	Goatary	No.	0.200	1	1
14.6	Dairy Product	No.	0.240	1	5
14.7	Mini Dal Mill	No.	0.200	1	5
14.8	Daliya Making Machine	No.	0.200	1	5
14.9	Grain Cleaner Cum Grader	No.	0.200	1	5
14.10	Floor Separator	No.	0.240	1	5
14.11	Portable Charring Kiln	No.	0.080	1	5
14.12	UMMB Block	No.	0.100	1	5

ANNUAL ACTION PLAN AT A GLANCE OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER											Parshoi, IWMP-IV			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	Crop Demonstration																				
1.1	Perl Millets	ha	0.080			13.25	1.06	9.50	0.76	0.00	0.00	0.00	0.00	22.75	91.00			91	1.820		
1.2	Pulses -Urd/Moong/ Arhar	ha	0.120			18.00	1.44	20.00	2.24	0.00	0.00	0.00	0.00	38.00	152			152	3.680		
1.3	Oil Seeds	ha	0.120			17.00	2.04	17.75	2.13	0.00	0.00	0.00	0.00	34.75	139			139	4.170		
1.4	Chia	ha	0.100			2.50	0.25	4.00	0.40	0.00	0.00	0.00	0.00	6.50	26			26	0.650		
1.5	Quinoa	ha	0.120			2.50	0.30	3.00	0.36	0.00	0.00	0.00	0.00	5.50	22			22	0.660		
2	Vegetables																				
2.1	Tomato/Brinjal/Okra/Shimla Mirch	ha	0.240			0.00	0.00	5.00	1.20	5.50	1.32	0.00	0.00	10.50	105			105	2.520		
2.2	Cauliflower/ Cabbage	ha	0.240			0.00	0.00	5.00	1.20	5.50	1.32	0.00	0.00	10.50	105			105	2.520		
2.3	Cucurbits	ha	0.120			0.00	0.00	5.00	0.60	3.50	0.42	0.00	0.00	8.50	85			85	1.020		
2.4	Shakbhaji	ha	0.100			0.00	0.00	4.50	0.45	3.50	0.35	0.00	0.00	8.00	80			80	0.800		
3	Spices																				
3.1	Garlic/ Ginger/ Turmeric	ha	0.240			0.00	0.00	4.50	1.08	3.50	0.84	0.00	0.00	8.00	80			80	1.920		
3.2	Coriander/ Methi/ Saunf/ Kalaunji	ha	0.120			0.00	0.00	4.50	0.54	3.50	0.42	0.00	0.00	8.00	80			80	0.960		
3.3	Chilly	ha	0.200			0.00	0.00	4.50	0.90	3.50	0.70	0.00	0.00	8.00	80			80	1.600		
4	Floriculture																				
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	3.00	0.30	5.00	0.50	0.00	0.00	8.00	32			32	0.800		
6	Distribution of Various Kit																				
6.1	IPM Kit	No.	0.020			12	0.24	9	0.18	10	0.20	0	0.00					31	31	31	0.620
6.2	Seed Kit	No.	0.005			27	0.14	17	0.09	40	0.20	32	0.16					116	116	116	0.580
6.3	Vegetable Kit	No.	0.002			27	0.05	20	0.04	20	0.04	40	0.08					107	107	107	0.214
6.4	Fodder Kit	No.	0.005			12	0.06	9	0.05	22	0.11	18	0.09					61	61	61	0.305
7	Fisheries	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	6	0.30	5	0.25					11	11	11	0.550
10	Low Tunnel House	No.	0.020			0	0.00	0	0.00	25	0.50	20	0.40					45	45	45	0.900
11	Animal Health Camps	No.	0.100			6	0.60	10	1.00	10	1.00	10	1.00					36	2160	2160	3.600
12	Distribution of Buck	No.	0.050			0	0.00	12	0.60	8	0.40	0	0.00					20	1500	1500	1.000
13	Distribution of Agriculture Equipments																				
13.1	chaff cutter	No.	0.060			0	0.00	4	0.24	8	0.48	10	0.60					22	110	110	1.320
13.2	50.000	No.	0.030			0	0.00	10	0.30	10	0.30	0	0.00					20	100	100	0.600
13.3	Broadcaster	No.	0.015			0	0.00	8	0.12	10	0.15	0	0.00					18	90	90	0.270

ANNUAL ACTION PLAN AT A GLANCE OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Parshoi, IWMP-IV				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	Wanoing Fan	No.	0.030			0	0.00	10	0.30	8	0.24	10	0.30			28	140	140	0.840
13.5	Cono Weeded	No.	0.014			0	0.00	20	0.28	10	0.14	0	0.00			30	150	150	0.420
13.6	Seed Treatment Drum	No.	0.020			0	0.00	5	0.10	8	0.16	0	0.00			13	65	65	0.260
13.7	Irrigation Pipe	No.	0.040			0	0.00	0	0.00	12	0.48	10	0.40			22	110	110	0.880
13.8	Portable Pump for Lift Irrigation	No.	0.240			0	0.00	0	0.00	8	1.92	6	1.44			14	70	70	3.360
14	Micro-enterprises																		
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	3	0.72			3	3	3	0.720
14.3	Fruit Preservation	No.	0.240			0	0.00	0	0.00	2	0.48	5	1.20			7	7	7	1.680
14.4	Poultry	No.	0.200			0	0.00	0	0.00	4	0.80	18	3.60			22	22	22	4.400
14.5	Goatary	No.	0.200			0	0.00	0	0.00	6	1.20	24	4.80			30	30	30	6.000
14.6	Dairy Product	No.	0.240			0	0.00	0	0.00	2	0.48	3	0.72			5	25	25	1.200
14.7	Mini Dal Mill	No.	0.200			0	0.00	0	0.00	0	0.00	9	1.80			9	45	45	1.800
14.8	Daliya Making Machine	No.	0.200			0	0.00	0	0.00	0	0.00	4	0.80			4	20	20	0.800
14.9	Grain Cleaner Cum Grader	No.	0.200			0	0.00	0	0.00	0	0.00	18	3.60			18	90	90	3.600
14.1	Floor Separator	No.	0.240			0	0.00	0	0.00	0	0.00	9	2.16			9	45	45	2.160
14.11	Portable Charring Kiln	No.	0.080			0	0.00	0	0.00	0	0.00	5	0.40			5	25	25	0.400
14.12	UMMB Block	No.	0.100			0	0.00	0	0.00	0	0.00	2	0.20			2	10	10	0.200
Total							6.18		15.45		15.45		24.720	177.00	1077	708	5188	6265	61.799

At A Glance				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Parshoi, IWMP-IV		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		Shakhajji		Garlic/Ginger
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
1	Jogaeal	717	8.604	2.75	0.22	6.00	0.48	2.75	0.33	1.50	0.15	1.50	0.18	2.50	0.60	2.50	0.60	2.00	0.24	1.50	0.15	1.50
2	Parshoi	4433	53.196	20.00	1.60	32.00	3.20	32.00	3.84	5.00	0.50	4.00	0.48	8.00	1.92	8.00	1.92	6.50	0.78	6.50	0.65	6.50
Total :		5150.00	61.800	22.75	1.82	38	3.68	34.75	4.17	6.5	0.65	5.5	0.66	10.5	2.52	10.5	2.52	8.5	1.02	8	0.8	8

* Please Refer Unit Cost Table for Actual Values

At A Glance				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER												Parshoi, IWMP-IV				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 Nursery	
				Turmeric	Coriander / Methi / Saunf / Kalaunji		Chilly		Marry Gold		Deshi Gulab																	
					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	Jogaeal	717	8.604	0.36	1.50	0.18	1.50	0.30	0.00	0.00	0.00	0.00	1.00	0.10	7.00	0.14	26.00	0.13	37.00	0.07	14.00	0.07	0.00	0.00	0.00	0.00	2.00	0.10
2	Parshoi	4433	53.196	1.56	6.50	0.78	6.50	1.30	0.00	0.00	0.00	0.00	7.00	0.70	24.00	0.48	90.00	0.45	70.00	0.14	47.00	0.24	0.00	0.00	0.00	0.00	9.00	0.45
Total :		5150.00	61.800	1.92	8	0.96	8	1.6	0	0	0	0	8	0.8	31	0.62	116	0.58	107	0.214	61	0.305	0	0	0	0	11	0.55

* Please Refer Unit Cost Table for Actual Values

At A Glance				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Parshoi, IWMP-IV		District-		Sonbhadra						
S. No.	Name of WC	Planned Area in ha	Amount in Lacs	Low Tunnel House		Animal Health Camps		Distribution of Buck		Mini Agriculture Equipments																		
				Phy	Fin	Phy	Fin	Phy	Fin	Winnowing Fan		Sprayer		Broadcaster		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
1	Jogaeal	717	8.604	9.00	0.18	8.00	0.80	2.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.08	0.00	0.00	0.00	0.00
2	Parshoi	4433	53.196	36.00	0.72	28.00	2.80	18.00	0.90	22.00	1.32	20.00	0.60	18.00	0.27	28.00	0.84	30.00	0.42	13.00	0.26	20.00	0.80	14.00	3.36	0.00	0.00	
Total :		5150.00	61.800	45	0.9	36	3.6	20	1	22	1.32	20	0.6	18	0.27	28	0.84	30	0.42	13	0.26	22	0.88	14	3.36	0	0	

* Please Refer Unit Cost Table for Actual Values

At A Glance				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																				Parshoi, IWMP-IV				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	Fin	Phy in ha	No. of Farmer	Phy in No.	No. of Farmer	Total Farmers	Fin in Lakhs
1	Jogaeal	717	8.604	1.00	0.24	1.00	0.24	3.00	0.60	4.00	0.80	1.00	0.24	1.00	0.20	0.00	0.00	2.00	0.40	1.00	0.24	1.00	0.08	0.00	0.00	28.50	192	122	302	494	8.604		
2	Parshoi	4433	53.196	2.00	0.48	6.00	1.44	19.00	3.80	26.00	5.20	4.00	0.96	8.00	1.60	4.00	0.80	16.00	3.20	8.00	1.92	4.00	0.32	2.00	0.20	148.50	885	586	357	1242	53.195		
Total :		5150.00	61.800	3	0.72	7	1.68	22	4.4	30	6	5	1.2	9	1.8	4	0.8	18	3.6	9	2.16	5	0.40	2	0.20	177.00	1077	708	659	1736	61.80		

* Please Refer Unit Cost Table for Actual Values

IInd Year (Phy. In ha & No.)				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Parshoi, IWMP-IV		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	Jogaeal	717	0.860	1.25	0.100	2.00	0.160	1.00	0.120	0.5	0.050	0.5	0.060	0	0.000	0	0.000	0	0.000	0	0.000
2	Parshoi	4433	5.320	12.00	0.960	16.00	1.280	16.00	1.920	2	0.200	2	0.240	0	0.000	0	0.000	0	0.000	0	0.000
TOTAL :		5150	6.180	13.25	1.06	18.00	1.44	17.00	2.04	2.50	0.25	2.50	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

* Please Refer Unit Cost Table for Actual Values

IInd Year (Phy. In ha & No.)				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER												Parshoi, IWMP-IV				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	
				Garlic/ Ginger/ Turmeric		Coriander/ Methi/ Saunf/ Kalauji		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	Jogaeal	717	0.860	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	4	0.080	10	0.050	10	0.020	4	0.020	0	0.000	0	0.000
2	Parshoi	4433	5.320	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	8	0.160	17	0.085	17	0.034	8	0.040	0	0.000	0	0.000
TOTAL :		5150	6.180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	0.24	27.00	0.14	27.00	0.05	12.00	0.06	0.00	0.00	0.00	0.00

* Please Refer Unit Cost Table for Actual Values

IInd Year (Phy. In ha & No.)				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Parshoi, IWMP-IV		District-		Sonbhadra							
S. No.	Name of WC	Planned Area in ha	Amount in Lacs	Plastic Tray Nursery		Low Tunnel House		Animal Health Camps		Distribution of Buck		Mini Agriculture Equipments																			
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Winnowing Fan		Sprayer		Broadcaster		Drum Seeder		Cono Weeder		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
1	Jogaeal	717	0.860	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
2	Parshoi	4433	5.320	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
TOTAL :		5150	6.180	0.00	0.00	0.00	0.00	6.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

* Please Refer Unit Cost Table for Actual Values

IInd Year (Phy. In ha & No.)				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																				Parshoi, IWMP-IV		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	Fin	Phy in ha	No. of Farmer	Phy in No.	No. of Farmer	Total Farmers	Fin in Lakhs
1	Jogaeal	717	0.860	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	5.25	21	30	30	51	0.860		
2	Parshoi	4433	5.320	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	48.00	192	54	54	246	5.319		
TOTAL :		5150	6.180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.25	213	84	84	297	6.179		
																													Say	6.179			

* Please Refer Unit Cost Table for Actual Values

IIIrd Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Parshoi, IWMP-IV		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	Jogaeal	717	2.151	1.50	0.120	4.00	0.320	1.75	0.210	1	0.100	1	0.120	1	0.240	1	0.240	1	0.120	0.5	0.050
2	Parshoi	4433	13.299	8.00	0.640	16.00	1.920	16.00	1.920	3	0.300	2	0.240	4	0.960	4	0.960	4	0.480	4	0.400
TOTAL :		5150	15.450	9.50	0.76	20.00	2.24	17.75	2.13	4.00	0.40	3.00	0.36	5.00	1.200	5.00	1.200	5	0.600	4.5	0.450

* Please Refer Unit Cost Table for Actual Values

Illrd Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Parshoi, IWMP-IV				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 Khetai	
				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	Jogaeal	717	2.151	0.5	0.120	0.5	0.060	0.5	0.100	0	0.000	0	0.000	0	0.000	1	0.020	2	0.010	8	0.016	1	0.005	0	0.000	0	0.000
2	Parshoi	4433	13.299	4	0.960	4	0.480	4	0.800	0	0.000	0	0.000	3	0.300	8	0.160	15	0.075	12	0.024	8	0.040	0	0.000	0	0.000
TOTAL :		5150	15.450	4.5	1.080	4.5	0.540	4.5	0.900	0	0.000	0	0.000	3	0.300	9	0.180	17	0.085	20	0.040	9	0.045	0	0.000	0	0.000

* Please Refer Unit Cost Table for Actual Values

Illrd Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Parshoi, IWMP-IV				District-		Sonbhadra					
S. No.	Name of WC	Planned Area in ha	Amount in Lacs	Plastic Tray Nursery		Low Tunnel House		Animal Health Camps		Distribution of Buck		Mini Agriculture Equipments																			
				Winnowing Fan		Sprayer		Broadcaster		Drum Seeder		Cono Weeder		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	Jogaeal	717	2.151	0	0.000	0	0.000	2	0.200	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
2	Parshoi	4433	13.299	0	0.000	0	0.000	8	0.800	10	0.500	4	0.24	10	0.30	8	0.12	10	0.30	20	0.28	5	0.10	0	0.00	0	0.00	0	0.00	0	0.00
TOTAL :		5150	15.450	0	0.000	0	0.000	10	1.000	12	0.600	4	0.24	10	0.30	8	0.12	10	0.30	20	0.28	5	0.10	0	0.00	0	0.00	0	0.00	0	0.00

* Please Refer Unit Cost Table for Actual Values

Illrd Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																		Parshoi, IWMP-IV		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	Fin	Phy in ha	No. of Farmer	Phy in No.	No. of Farmer	Total Farmers	Fin in Lakhs
1	Jogaal	717	2.151	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	14.25	87	16	164	251	2.151		
2	Parshoi	4433	13.299	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	76.00	472	118	51	523	13.299		
TOTAL :		5150	15.450	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	90.25	559	134	215	774	15.450		
																														Say	15.450		

* Please Refer Unit Cost Table for Actual Values

IVth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Parshoi, IWMP-IV		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	Jogaeal	717	2.151	0.00	0.000	0.00	0.000	0.00	0.000	0	0.000	0	0.000	1.5	0.360	1.5	0.360	1	0.120	1	0.100
2	Parshoi	4433	13.299	0.00	0.000	0.00	0.000	0.00	0.000	0	0.000	0	0.000	4	0.960	4	0.960	2.5	0.300	2.5	0.250
TOTAL :		5150	15.450	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	5.50	1.320	5.50	1.320	3.5	0.420	3.5	0.350

* Please Refer Unit Cost Table for Actual Values

IVth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Parshoi, IWMP-IV				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	
				Garlic/ Ginger/ Turmeric		Coriander/ Methi/ Saunf/ Kalauji		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	Jogaeal	717	2.151	1	0.240	1	0.120	1	0.200	0	0.000	0	0.000	1	0.100	2	0.040	8	0.040	8	0.016	5	0.025	0	0.000	0	0.000
2	Parshoi	4433	13.299	2.5	0.600	2.5	0.300	2.5	0.500	0	0.000	0	0.000	4	0.400	8	0.160	32	0.160	12	0.024	17	0.085	0	0.000	0	0.000
TOTAL :		5150	15.450	3.5	0.840	3.5	0.420	3.5	0.700	0	0.000	0	0.000	5	0.500	10	0.200	40	0.200	20	0.040	22	0.110	0	0.000	0	0.000

* Please Refer Unit Cost Table for Actual Values

IVth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Parshoi, IWMP-IV		District-		Sonbhadra							
S. No.	Name of WC	Planned Area in ha	Amount in Lacs	Plastic Tray Nursery		Low Tunnel House		Animal Health Camps		Distribution of Buck		Mini Agriculture Equipments																	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Winnowing Fan		Sprayer		Broadcaster		Drum Seeder		Cono Weeder		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	Jogaeal	717	2.151	1	0.050	5	0.100	2	0.200	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	0.08	0	0.00	0	0.00
2	Parshoi	4433	13.299	5	0.250	20	0.400	8	0.800	8	0.400	8	0.48	10	0.30	10	0.15	8	0.24	10	0.14	8	0.16	10	0.40	8	1.92	0	0.00
TOTAL :		5150	15.450	6	0.300	25	0.500	10	1.000	8	0.400	8	0.48	10	0.30	10	0.15	8	0.24	10	0.14	8	0.16	12	0.48	8	1.92	0	0.00

* Please Refer Unit Cost Table for Actual Values

IVth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Parshoi, IWMP-IV		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 in ha	No. of Farmer	Phy in No.	No. of Farmer	Total Farmers	Fin in Lakhs	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin									
1	Jogaeal	717	2.151	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	9.00	84	33	41	125	2.151	
2	Parshoi	4433	13.299	0	0.00	2	0.48	4	0.80	6	1.20	2	0.48	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	24.50	221	196	114	335	13.299	
TOTAL :		5150	15.450	0	0.00	2	0.48	4	0.80	6	1.20	2	0.48	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	33.50	305	229	155	460	15.450	
																															Say	15.450

* Please Refer Unit Cost Table for Actual Values

Vth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Parshoi, IWMP-IV		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	Jogaeal	717	3.442	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	Parshoi	4433	21.278	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
TOTAL :		5150	24.720	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 Values

Vth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER												Parshoi, IWMP-IV				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	
				Garlic/ Ginger/ Turmeric		Coriander/ Methi/ Saunf/ Kalauji		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	Jogaeal	717	3.442	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	6	0.030	11	0.022	4	0.020	0	0.000	0	0.000
2	Parshoi	4433	21.278	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	26	0.130	29	0.058	14	0.070	0	0.000	0	0.000
TOTAL :		5150	24.720	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	32	0.160	40	0.080	18	0.090	0	0.000	0	0.000

* Please Refer Unit Cost Table for Actual Values

Vth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Parshoi, IWMP-IV		District-		Sonbhadra									
S. No.	Name of WC	Planned Area in ha	Amount in Lacs	Plastic Tray Nursery		Low Tunnel House		Animal Health Camps		Distribution of Buck		Mini Agriculture Equipments																			
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Winnowing Fan		Sprayer		Broadcaster		Drum Seeder		Cono Weeder		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
1	Jogaeal	717	3.442	1	0.050	4	0.080	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
2	Parshoi	4433	21.278	4	0.200	16	0.320	8	0.800	0	0.000	10	0.60	0	0.00	0	0.00	10	0.30	0	0.00	0	0.00	10	0.40	6	1.44	0	0.00		
TOTAL :		5150	24.720	5	0.250	20	0.400	10	1.000	0	0.000	10	0.60	0	0.00	0	0.00	10	0.30	0	0.00	0	0.00	10	0.40	6	1.44	0	0.00		

* Please Refer Unit Cost Table for Actual Values

Vth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																		Parshoi, IWMP-IV		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	Fin	Phy in ha	No. of Farmer	Phy in No.	No. of Farmer	Total Farmers	Fin in Lacs
1	Jogaeal	717	3.442	1	0.24	1	0.24	3	0.60	4	0.80	1	0.24	1	0.20	0	0.00	2	0.40	1	0.24	1	0.08	0	0.00	0.00	0	43	67	67	3.442		
2	Parshoi	4433	21.278	2	0.48	4	0.96	15	3.00	20	4.00	2	0.48	8	1.60	4	0.80	16	3.20	8	1.92	4	0.32	2	0.20	0.00	0	218	138	138	21.278		
TOTAL :		5150	24.720	3	0.72	5	1.20	18	3.60	24	4.80	3	0.72	9	1.80	4	0.80	18	3.60	9	2.16	5	0.40	2	0.20	0.00	0	261	205	205	24.720		
																												Say	24.720				

* Please Refer Unit Cost Table for Actual Values

At A Glance		Convergence Programme Under the Component of PSME under the Project of Parshoi, IWMP-IV 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	Jogaeal	717.00	16	1.44	16	1.28	7	3.15	16	5.6	16	6.4	16	0.32	6	2.1	16	0.32	0	0	0	0	0	0	0	0	0	0	109	20.610
2	Parshoi	4433.00	48	4.32	48	3.84	26	11.70	48	16.80	48	19.20	48	0.96	18	6.30	48	0.96	0	0.00	0	0.00	2	0.00	2	0.00	2	0.00	336	64.080
Total		5150.00	64	5.76	64	5.12	33	14.85	64	22.40	64	25.60	64	1.28	24	8.40	64	1.28	0	0.00	0	0.00	2	0.00	2	0.00	445	84.69		

IInd Year		Convergence Programme Under the Component of PSME under the Project of Parshoi, IWMP-IV 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	Jogaal	717	4	0.36	4	0.32	0	0	4	1.4	4	1.60	4	0.08	0	0	4	0.08	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	24	3.84
2	Parshoi	4433	12	1.08	12	0.96	6	2.7	12	4.2	12	4.80	12	0.24	0	0	12	0.24	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	78	14.22
	Total	5150	16	1.44	16	1.28	6	2.7	16	5.6	16	6.40	16	0.32	0	0	16	0.32	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	102	18.06

Illrd Year		Convergence Programme Under the Component of PSME under the Project of Parshoi, IWMP-IV 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	Jogaeal	717	4	0.36	4	0.32	2	0.9	4	1.4	4	1.60	4	0.08	2	0.7	4	0.08	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	28	5.44
2	Parshoi	4433	12	1.08	12	0.96	6	2.7	12	4.2	12	4.80	12	0.24	6	2.1	12	0.24	0	0.00	0	0.00	1	0.00	1	0.00	86	16.32		
Total		5150.00	16	1.44	16	1.28	8	3.6	16	5.6	16	6.40	16	0.32	8	2.8	16	0.32	0	0.00	0	0.00	1	0.00	1	0.00	114	21.76		

IVth Year		Convergence Programme Under the Component of PSME under the Project of Parshoi, IWMP-IV 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	Jogaeal	717	4	0.36	4	0.32	3	1.35	4	1.4	4	1.60	4	0.08	2	0.7	4	0.08	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	29	5.89
2	Parshoi	4433	12	1.08	12	0.96	7	3.15	12	4.2	12	4.80	12	0.24	6	2.1	12	0.24	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	85	16.77
Total		5150.00	16	1.44	16	1.28	10	4.50	16	5.60	16	6.40	16	0.32	8	2.80	16	0.32	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	114	22.66

Vth Year		Convergence Programme Under the Component of PSME under the Project of Parshoi, IWMP-IV 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	Jogaeal	717	4	0.36	4	0.32	2	0.9	4	1.4	4	1.60	4	0.08	2	0.7	4	0.08	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	28	5.44
2	Parshoi	4433	12	1.08	12	0.96	7	3.15	12	4.2	12	4.80	12	0.24	6	2.1	12	0.24	0	0.00	0	0.00	1	0.00	1	0.00	87	16.77		
Total		5150.00	16	1.44	16	1.28	9	4.05	16	5.60	16	6.40	16	0.32	8	2.80	16	0.32	0	0.00	0	0.00	1	0.00	1	0.00	115	22.21		

Problem Thrust Area of Production System in the Project Area of		
Parshoi, IWMP-IV		District-
		Sonbhadra
S.No.	Production System	
	Problem Thrust Area	Proposed Intervention
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				
Parshoi, IWMP-IV		District- Sonbhadra		
S. No.	Details of Programme	Preparatory phase (I st to IIInd Year)	work phase (IIInd to IVth year)	Consolidation and withdrawal plan (Vth year)
1	Basic Orintation Programme	√		
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 Vegetable and Fruit Production		√	
ii	Kitchen Garden		√	
7	Post Harvest Management		√	
8	Nursery Raising		√	
9	Livestock Development		√	
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	Micro-enterprises			
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	Miscs.			
	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

Unit Cost/Estimate of Horticulture Plantation (Fruit Plantation) in Rs./ha					
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	Rs. 20000/ha
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	
Above Cost include the following items :-					
1	Planting Material		Cost of Afforestation in Rs. 10000/ha		
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
Scattered Plantation :-		@ 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)			

At A Glance		Physical Financial Details of Land Development Activities under the Component of WDW										
		Parshoi, IWMP-IV				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	Jogaeal	11.00	1.10	17.00	3.40	1692.00	0.34	2340.00	0.94	28.00	4032	5.77
2	Parshoi	74.00	7.40	123.00	24.60	4340.00	0.87	5245.00	2.10	197.00	9585	34.97
Total :		85.00	8.50	140.00	28.00	6032	1.21	7585	3.03	225.00	13617	40.74

IIInd Year		Physical Financial Details of Land Development Activities under the Component of WDW										
Parshoi, IWMP-IV		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	Jogaeal	2.00	0.20	2.00	0.40	172	0.034	350	0.140	4.00	522	0.7744
2	Parshoi	8.00	0.80	12.00	2.40	749	0.150	1600	0.640	20.00	2349	3.99
Total :		10.00	1.00	14.00	2.80	921	0.18	1950	0.78	24.00	2871	4.76

Illrd Year		Physical Financial Detailis of Land Development Activities under the Component of WDW										
Parshoi, IWMP-IV		District-				Sonbhadra				(Phy. In ha/Nos.-Fin in Lakhs)		
S.No.	Name of WC	Block Plantation (in ha)				Scattered Plantation (in Nos.)				Total		Fin
		Aff		Hort		Aff		Hort		Phy		
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	in ha	in No.	
1	Jogaeal	3.00	0.30	5.00	1.00	510	0.102	670	0.268	8.00	1180	1.67
2	Parshoi	22.00	2.20	37.00	7.40	1197	0.239	1215	0.486	59.00	2412	10.33
Total :		25.00	2.50	42.00	8.40	1707	0.34	1885	0.75	67.00	3592	12.00

IVth Year		Physical Financial Details of Land Development Activities under the Component of WDW										
Parshoi, IWMP-IV		District-				Sonbhadra				(Phy. In ha/Nos.-Fin in Lakhs)		
S.No.	Name of WC	Block Plantation (in ha)				Scattered Plantation (in Nos.)				Total		Fin
		Aff		Hort		Aff		Hort		Phy		
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	in ha	in No.	
1	Jogaeal	3.00	0.30	5.00	1.00	510	0.102	670	0.268	8.00	1180	1.67
2	Parshoi	22.00	2.20	37.00	7.40	1197	0.239	1215	0.486	59.00	2412	10.33
Total :		25.00	2.50	42.00	8.40	1707	0.34	1885	0.75	67.00	3592	12.00

Vth Year		Physical Financial Details of Land Development Activities under the Component of WDW												
		Parshoi, IWMP-IV				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	Jogaeal	3.00	0.30	5.00	1.00	500	0.100	650	0.260	8.00	1150	1.66		
2	Parshoi	22.00	2.20	37.00	7.40	1197	0.239	1215	0.486	59.00	2412	10.33		
Total :		25.00	2.50	42.00	8.40	1697	0.34	1865	0.75	67.00	3562	11.99		

Detail of Land Development Area in ha At A Glance

	Afforestation	Horticulture	Total
Block Plantation	85.00	140.00	
Scattered Plantation	15.90	42.86	
Total ha In Land Development	100.90	182.86	

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

Conversion Of Scattered Plantation Into ha				
Afforestation	Timber	Ornamental	Fuel & Fodder	Total
%	40	12	48	100
No. of Plants	2413	721	2898	6032
ha	8.68	2.59	4.63	15.9
Horticulture	Mango	Guava	Citrus & Other Fruits	
%	30	10	60	100
No. of Plants	2277	760	4548	7585
ha	22.77	3.74	16.35	42.86

Area under Afforestation including Block & Scattered Plantation						
Afforestation			Total	Timber	Ornamental	Fuel and Fodder
Year	Block	Scattered				
IInd Year	10.00	2.43	12.43	4.972	1.4916	5.97
IIIrd Year	25.00	4.5	29.50	11.8	3.54	14.16
IVth Year	25.00	4.5	29.50	11.8	3.54	14.16
Vth Year	25.00	4.47	29.47	11.788	3.5364	14.15
Total	85.00	15.9	100.90	40.36	12.108	48.43
Vth Year	Considration of Area in ha for calculating Production Value					5.97
VI th Year						20.13
VIIth Year						34.29
Area under Horticulture including Block & Scattered Plantation						
Year	Block	Scattered	Total	Mango/Bel/Jack Fruits	Guava	citrus & others
IInd Year	14.00	11.02	25.02	7.506	2.502	15.01
IIIrd Year	42.00	10.65	52.65	15.795	5.265	31.59
IVth Year	42.00	10.65	52.65	15.795	5.265	31.59
Vth Year	42.00	10.54	52.54	15.762	5.254	31.52
Total	140.00	42.86	182.86	54.858	18.286	109.72
Vth Year	Considration of Area in ha for calculating Production Value			7.51	2.50	15.01
VI th Year				23.30	7.77	46.60
VIIth Year				39.10	13.03	78.19

Conversion of Scattered Plantation in ha																
Afforestation	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		
%	40	12	48	100	40	12	48	100	40	12	48	100	40	12	48	100
No. of Plants	368	110	443	921	683	204	820	1707	683	204	820	1707	679	203	815	1697
ha	1.32	0.40	0.71	2.43	2.46	0.73	1.31	4.5	2.46	0.73	1.31	4.5	2.44	0.73	1.30	4.47
Horticulture	Mango	Guava	Citrus & Other Fruits		Mango	Guava	Citrus & Other Fruits		Mango	Guava	Citrus & Other Fruits		Mango	Guava	Citrus & Other Fruits	
%	30	10	60	100	30	10	60	100	30	10	60	100	30	10	60	100
No. of Plants	585	195	1170	1950	566	189	1130	1885	566	189	1130	1885	560	187	1118	1865
ha	5.85	0.96	4.21	11.02	5.66	0.93	4.06	10.65	5.66	0.93	4.06	10.65	5.60	0.92	4.02	10.54

Year wise details of Land Development Activities At a Glance under						Parshoi, IWMP-IV		District-	Sonbhadra		(Area in ha)
Year	Afforestation		Sub Total	Fuel & Fodder		Sub Total	Total	Horticulture		Total	Grand Total
	Block	Scattered		Block	Scattered			Block	Scattered		
IIInd Year	10.00	2.43	12.43	4.80	1.17	5.97	18.40	14.00	11.02	25.02	37.45
IIIrd Year	25.00	4.50	29.50	12.00	2.16	14.16	43.66	42.00	10.65	52.65	82.15
IVth Year	25.00	4.50	29.50	12.00	2.16	14.16	43.66	42.00	10.65	52.65	82.15
Vth Year	25.00	4.47	29.47	12.00	2.15	14.15	43.62	42.00	10.54	52.54	82.01
Total	85.00	15.90	100.90	40.80	7.63	48.43	149.33	140.00	42.86	182.86	283.76

Year wise Details of Horticulture Crops (Area in ha)					
	IIInd Year	IIIrd Year	IVth Year	Vth Year	Total
Mango/Bel/Jack Fruits	7.51	15.80	15.80	15.76	54.86
Guava	2.50	5.27	5.27	5.25	18.29
Citrus & Others	15.01	31.59	31.59	31.52	109.72
Total :-	25.02	52.65	52.65	52.54	182.86

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	7.51	0.84	6.3	94500	23.30	1.40	32.62	489300	39.10	2.45	95.78	1436700	69.90
Guava	2.50	1.44	3.6	54000	7.77	2.40	18.64	279600	13.03	4.20	54.73	820950	23.30
Citrus and Other Fruits	15.01	1.44	21.61	345760	46.60	2.40	111.84	1789440	78.19	4.20	328.4	5254400	139.81
Fuel and Fodder	5.97	2.16	12.88	25760	20.13	3.60	72.45	144900	34.29	6.30	216	432000	60.38
Total :	30.99	5.88		520020	97.80		235.55	2703240	164.61		694.91	7944050	293.39
				859764				3817698				10576200	
At 75% Survival	Mango/Bel/Jack Fruits		4.72	70800			24.46	366900			71.83	1077450	
	Guava		2.7	40500			13.98	209700			41.04	615600	
	Citrus and Other Fruits		16.2	259200			83.88	1342080			246.3	3940800	
	Fuel and Fodder		9.66	19320			54.33	108660			162	324000	
	Total :		33.28	389820			176.65	2027340			521.17	5957850	

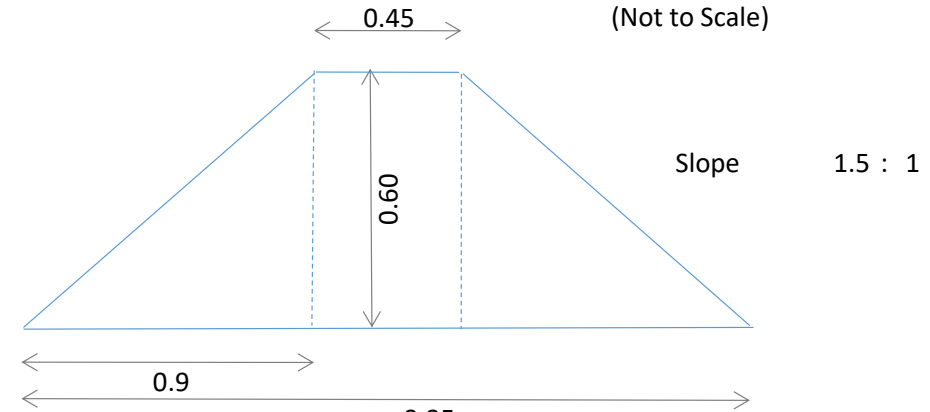
WC Wise Planing of Contour Bund (CB) Under Project			Parshoi, IWMP-IV		District-		Sonbhadra		(Phy. In rmt, Fin. In Lakhs)	
NAME of WC	IInd year		IIIRD Year		IVth Year		Vth Year		Total	
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Jogaeal	1239	1.115	1282	1.154	1172	1.055	1404	1.264	5097	4.587
Parshoi	1298	1.168	4218	3.796	4381	3.943	4177	3.759	14074	12.667
Total	2537	2.28	5500	4.95	5553	5.00	5581	5.02	19171	17.25
OUTLETS (for safe Disposal of Water)										
Nos	5	0.0375	11	0.0825	11	0.0825	11	0.0825	38	0.285
Amount @ Rs. 0.0075 lac per Outlet	0.0375		0.0825		0.0825		0.0825		0.285	

WC Wise Planing of Marginal Bund (MB) Under Project			Parshoi, IWMP-IV		District-		Sonbhadra		(Phy. In rmt, Fin. In Lakhs)	
NAME of WC	IInd year		IIIRD Year		IVth Year		Vth Year		Total	
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Jogaeal		0.000	2338	8.908		0.000		0.000	2338	8.908
Parshoi	1696	6.462	1401	5.338	3712	14.143	3579	13.636	10388	39.578
Total	1696	6.462	3739	14.246	3712	14.143	3579	13.636	12726	48.486
OUTLETS (for safe Disposal of Water)										
Nos	3	0.450	7	1.050	7	1.050	7	1.050	24	3.600
Amount @ Rs. 0.15 lac per Outlet	0.45		1.05		1.05		1.05		3.60	

GP Wise Planing of Peripheral Bund (PB) Under Project		Parshoi, IWMP-IV				District-		Sonbhadra		(Phy. In rmt, Fin. In Lakhs)	
NAME of WC	IInd year		IIIRD Year		IVth Year		Vth Year		Total		
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	
Jogaeal	2566	9.776	3994	15.217	1655	6.306	0	0.000	8215	31.299	
Parshoi	503	1.916	2854	10.874	5054	19.256	8174	31.143	16585	63.189	
Total	3069	11.69	6848	26.09	6709	25.56	8174	31.14	24800	94.49	
OUTLETS (for safe Disposal of Water)											
Nos	6	0.900	13	1.950	13	1.950	16	2.400	48	7.200	
Amount @ Rs. 0.15 lac per Outlet	0.90		1.95		1.95		2.40		7.20		

Estimate Of Contour Bund (CB)

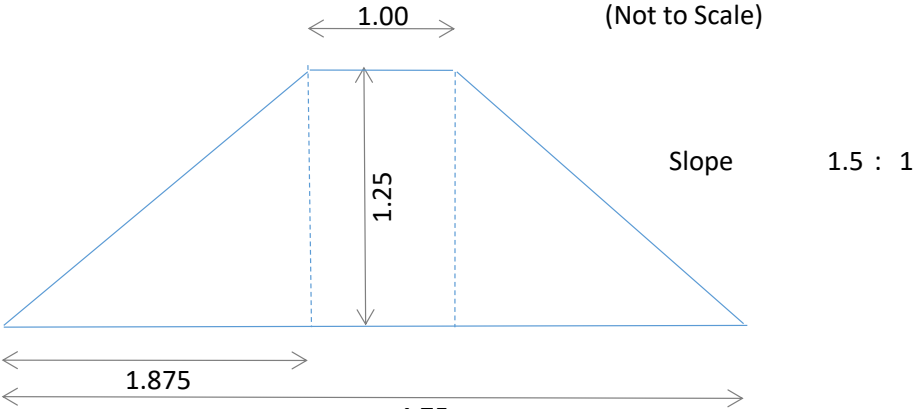
Length	1	meter
Top	0.45	meter
Base	2.25	meter
Height	0.60	meter
Side Slope	1.5 : 1	
Labour Rate Rs./day	174.00	
Labour out put in cmt.	2.27	
Rate /cmt. Rs.	76.70	
Dressing Charge	24.4	
Total Rate/cmt.	101.07	



		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.		3.87
Amount		10.11
Amount/per m length		89.96
Say		90.00

Estimate Of Marginal Bund (MB)

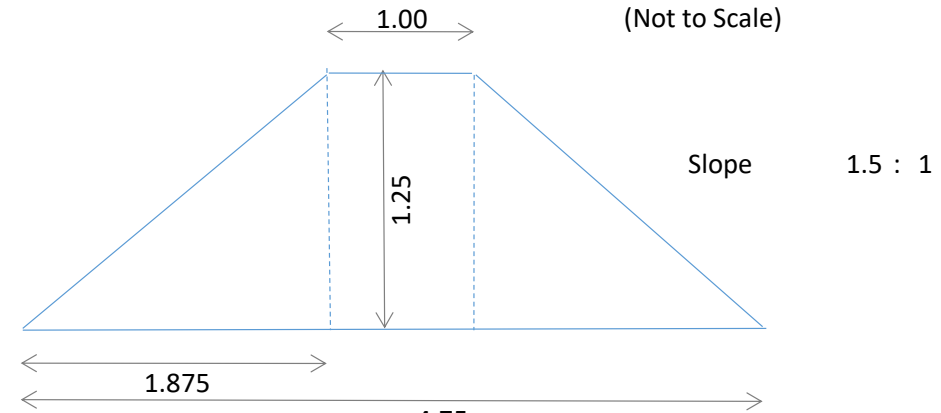
Length	1	meter
Top	1.00	meter
Base	4.75	meter
Height	1.25	meter
Side Slope	1.5 : 1	
Labour Rate Rs./day	174.00	
Labour out put in cmt.	2.27	
Rate /cmt. Rs.	76.65	
Dressing Charge	24.40	
Total Rate/cmt.	101.05	



		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
Rate/sqm Rs.		3.87
Amount		21.31
Amount/per m length		381.05
Say		381.00

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	
Rate /cmt. Rs.	76.65	
Dressing Charge	24.40	
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
Rate/sqm Rs.		3.87
Amount		21.31
Amount/per m length		381.05
Say		381.00

IInd Year		Year Wise Physical and Financial Annual Action Plan Of Water Harvesting Structures Under WDW																		
Parshoi, IWMP-IV					District-				Sonbhadra						(Phy. In ha/Nos.-Fin in Lakhs)					
S. No.	Name of WC	Area	Amount	Funds Available	ECD		DSW		WHB		DSW		MCD		Pond		R Pit		Total	
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.
1	Jogaeal	717	6.45	5.68	2	3.58	1	2.00				0.00					2	0.10	5	5.68
2	Parshoi	4433	39.90	35.91	2	4.74	1	2.00	2	8.27	1	2.50	2	18.30			2	0.10	10	35.91
		5150	46.35	41.59	4	8.32	2	4.00	2	8.27	1	2.50	2	18.30			4	0.20	15	41.59
IIIRD Year																				
S. No.	Name of WC	Area	Amount	Funds Available	ECD		DSW		WHB		DSW		MCD		Pond		R Pit		Total	
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.
1	Jogaeal	717	13.92	12.25	2	4.23	1	2.00	1	3.42	1	2.50					2	0.10	7	12.25
2	Parshoi	4433	86.04	75.72	10	24.40	4	8.00	4	14.92	4	10.00	2	18.30			2	0.10	26	75.72
		5150	99.96	87.97	12	28.63	5	10.00	5	18.34	5	12.50	2	18.30	0	0.00	4	0.20	33	87.97
IVth Year																				
S. No.	GP	Area	Amount	Funds Available	ECD		DSW		WHB		DSW		MCD		Pond		R Pit		Total	
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.
1	Jogaeal	717	13.92	12.25	0		0	0.00	1	3.92		0.00	1	8.23			2	0.10	4	12.25
2	Parshoi	4433	86.04	75.72	9	24.64	2	4.00	3	12.95	3	7.50	3	26.53			2	0.10	22	75.72
		5150	99.96	87.97	9	24.64	2	4.00	4	16.86	3	7.50	4	34.76	0	0.00	4	0.20	26	87.97
Vth Year																				
S. No.	Name of WC	Area	Amount	Funds Available	ECD		DSW		WHB		DSW		MCD		Pond		R Pit		Total	
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.
1	Jogaeal	717	13.90	12.24	2	5.32	0	0.00	1	4.32	1	2.50					2	0.10	6	12.24
2	Parshoi	4433	85.91	75.59	9	24.33	2	4.00	3	13.13	3	7.50	3	26.53			2	0.10	22	75.59
		5150	99.81	87.82	11	29.65	2	4.00	4	17.44	4	10.00	3	26.53	0	0.00	4	0.20	28	87.82
At a Glance																				
S. No.	Name of WC	Area	Amount	Funds Available	ECD		DSW		WHB		DSW		MCD		Pond		R Pit		Total	
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.
1	Jogaeal	717	48.18	42.41	6	13.13	2	4.00	3	11.65	2	5.00	1	8.23	0	0.00	8	0.40	22	42.41
2	Parshoi	4433	297.90	262.93	30	78.11	9	18.00	12	49.27	11	27.50	10	89.66	0	0.00	8	0.40	80	262.93
		5150	346.08	305.34	36	91.24	11	22.00	15	60.91	13	32.50	11	97.89	0	0.00	16	0.80	102	305.34

MONITORING AND EVALUATION
Monitoring (1% of the Project Cost) Rs. 6.18 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 (atleast 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"> •Specified monitoring team formed by WCDC •External Monitoring team by PIA/SLNA

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. 6.18 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	IVthYear (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	2A6D1d1f	Jogaeal-I	260	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.02	0.00	0.06	0.01	0.03	0.02	0.00	0.06	0.01	0.03	0.02	0.00	0.06	0.02	0.06	0.04	0.00	0.12	0.07	0.16	0.09	0.00	0.31
2	2A6D1e1a	Jogaeal-II	436	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.03	0.00	0.10	0.02	0.05	0.03	0.00	0.10	0.02	0.05	0.03	0.00	0.10	0.04	0.10	0.06	0.00	0.21	0.11	0.26	0.15	0.00	0.52
3	2A6D1e1b	Jogaeal-III	477	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	0.29	0.17	0.00	0.57
4	2A6D1e1c	Jogaeal-IV	370	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.02	0.00	0.09	0.02	0.04	0.03	0.00	0.09	0.02	0.04	0.03	0.00	0.09	0.04	0.09	0.05	0.00	0.18	0.09	0.22	0.13	0.00	0.44
5	2A6D1e2a	Jogaeal-V	539	0.00	0.00	0.00	0.00	0.00	0.03	0.06	0.03	0.00	0.13	0.03	0.06	0.04	0.00	0.13	0.03	0.06	0.04	0.00	0.13	0.05	0.13	0.08	0.00	0.26	0.14	0.32	0.19	0.00	0.65
6	2A6D1e2d	Jogaeal-VI	474	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	0.57
7	2A6D1g1a	Parshoi-I	412	0.00	0.00	0.00	0.00	0.00	0.02	0.05	0.02	0.00	0.10	0.02	0.05	0.03	0.00	0.10	0.02	0.05	0.03	0.00	0.10	0.04	0.10	0.06	0.00	0.20	0.10	0.25	0.14	0.00	0.49
8	2A6D1g1b	Parshoi-II	365	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.02	0.00	0.09	0.02	0.04	0.03	0.00	0.09	0.02	0.04	0.03	0.00	0.09	0.04	0.09	0.05	0.00	0.18	0.09	0.22	0.13	0.00	0.44
9	2A6D1g1c	Parshoi-III	361	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.02	0.00	0.09	0.02	0.04	0.03	0.00	0.09	0.02	0.04	0.03	0.00	0.09	0.03	0.09	0.05	0.00	0.17	0.09	0.22	0.13	0.00	0.43
10	2A6D1g1d	Parshoi-IV	394	0.00	0.00	0.00	0.00	0.00	0.02	0.05	0.02	0.00	0.09	0.02	0.05	0.03	0.00	0.09	0.02	0.05	0.03	0.00	0.09	0.04	0.09	0.06	0.00	0.19	0.10	0.24	0.14	0.00	0.47
11	2A6D1h1a	Parshoi-V	315	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.02	0.00	0.08	0.02	0.04	0.02	0.00	0.08	0.02	0.04	0.02	0.00	0.08	0.03	0.08	0.05	0.00	0.15	0.08	0.19	0.11	0.00	0.38
12	2A6D1h2a	Parshoi-VI	397	0.00	0.00	0.00	0.00	0.00	0.02	0.05	0.02	0.00	0.10	0.02	0.05	0.03	0.00	0.10	0.02	0.05	0.03	0.00	0.10	0.04	0.10	0.06	0.00	0.19	0.10	0.24	0.14	0.00	0.48
13	2A6D1h2b	Parshoi-VII	350	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
Total:			5150	0.000	0.000	0.000	0.000	0.000	0.309	0.618	0.309	0.000	1.236	0.247	0.618	0.371	0.000	1.236	0.247	0.618	0.371	0.000	1.236	0.494	1.236	0.742	0.000	2.472	1.298	3.090	1.792	0.000	6.180

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	2A6D1d1f	Jogaeal-I	260	0	0	0	0	0.00	0.094	0	0	0	0.09	0.055	0	0	0	0.05	0.055	0	0	0	0.05	0.109	0	0	0	0.11	0.312	0	0	0	0.31
2	2A6D1e1a	Jogaeal-II	436	0	0	0	0	0.00	0.157	0	0	0	0.16	0.092	0	0	0	0.09	0.092	0	0	0	0.09	0.183	0	0	0	0.18	0.523	0	0	0	0.52
3	2A6D1e1b	Jogaeal-III	477	0	0	0	0	0.00	0.172	0	0	0	0.17	0.1	0	0	0	0.10	0.1	0	0	0	0.10	0.2	0	0	0	0.20	0.572	0	0	0	0.57
4	2A6D1e1c	Jogaeal-IV	370	0	0	0	0	0.00	0.133	0	0	0	0.13	0.078	0	0	0	0.08	0.078	0	0	0	0.08	0.155	0	0	0	0.16	0.444	0	0	0	0.44
5	2A6D1e2a	Jogaeal-V	539	0	0	0	0	0.00	0.194	0	0	0	0.19	0.113	0	0	0	0.11	0.113	0	0	0	0.11	0.226	0	0	0	0.23	0.647	0	0	0	0.65
6	2A6D1e2d	Jogaeal-VI	474	0	0	0	0	0.00	0.171	0	0	0	0.17	0.1	0	0	0	0.10	0.1	0	0	0	0.10	0.199	0	0	0	0.20	0.569	0	0	0	0.57
7	2A6D1g1a	Parshoi-I	412	0	0	0	0	0.00	0.148	0	0	0	0.15	0.087	0	0	0	0.09	0.087	0	0	0	0.09	0.173	0	0	0	0.17	0.494	0	0	0	0.49
8	2A6D1g1b	Parshoi-II	365	0	0	0	0	0.00	0.131	0	0	0	0.13	0.077	0	0	0	0.08	0.077	0	0	0	0.08	0.153	0	0	0	0.15	0.438	0	0	0	0.44
9	2A6D1g1c	Parshoi-III	361	0	0	0	0	0.00	0.13	0	0	0	0.13	0.076	0	0	0	0.08	0.076	0	0	0	0.08	0.152	0	0	0	0.15	0.433	0	0	0	0.43
10	2A6D1g1d	Parshoi-IV	394	0	0	0	0	0.00	0.142	0	0	0	0.14	0.083	0	0	0	0.08	0.083	0	0	0	0.08	0.165	0	0	0	0.17	0.473	0	0	0	0.47
11	2A6D1h1a	Parshoi-V	315	0	0	0	0	0.00	0.113	0	0	0	0.11	0.066	0	0	0	0.07	0.066	0	0	0	0.07	0.132	0	0	0	0.13	0.378	0	0	0	0.38
12	2A6D1h2a	Parshoi-VI	397	0	0	0	0	0.00	0.143	0	0	0	0.14	0.083	0	0	0	0.08	0.083	0	0	0	0.08	0.167	0	0	0	0.17	0.476	0	0	0	0.48
13	2A6D1h2b	Parshoi-VII	350	0	0	0	0	0.00	0.126	0	0	0	0.13	0.074	0	0	0	0.07	0.074	0	0	0	0.07	0.147	0	0	0	0.15	0.42	0	0	0	0.42
Total:			5150	0.000	0.000	0.000	0.000	0.000	1.854	0.000	0.000	0.000	1.854	1.082	0.000	0.000	0.000	1.082	1.082	0.000	0.000	0.000	1.082	2.163	0.000	0.000	0.000	2.163	6.180	0.000	0.000	0.000	6.180

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. ory 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 WDC 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

Watershed Committee Wise Financial Break-up of Consolidation Component at Various Level (Area in ha-Amount in Lakhs)							
Parshoi, IWMP-IV			District- Sonbhadra				
S. No.	Name of WC	Area	Vth Year (3%) of the Project Cost				
			SLNA	WCDC	PIA	WC	Total
1	Jogaeal	717	0.086	0.086	0.172	2.237	2.581
2	Parshoi	4433	0.532	0.532	1.064	13.831	15.959
		5150.00	0.618	0.618	1.236	16.068	18.5400

Details of Activities under Consolidation Plan of the Project Area of Parshoi, IWMP-IV 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	Managem ent and utilization of WDF	Intensific ation of PSME	Intensificati on of Livelihood	Total
1	Jogaeal	717	2.5812	2.3462	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	2.5812
2	Parshoi	4433	15.9588	15.7238	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	15.9588
Total :		5150	18.5400	18.0700	0.0400	0.1000	0.0400	0.0200	0.0400	0.0500	0.0200	0.0200	0.0800	0.0600	18.5400

LINKAGE	
<u>Backward Linkages :</u>	<u>Forward Linkages</u>
•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				Parshoi, IWMP-IV				District- Sonbhadra (Phy in Nos. Fin. In Lacs)				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	35	5.25	105	15.75	NRLM/ Skill Development Mission	PIA/District Level
2	PSME						52									
	2.1	Vermi Compost Pit (in Nos.)			16	1.44	16	1.44	16	1.44	16	1.44	48	5.76	MGNAREGA	PIA/District Level
	2.2	Nadep Compost Pit (in Nos.)			16	1.28	16	1.28	16	1.28	16	1.28	48	5.12		
	2.3	Cow Shelter(in Nos.)			6	2.7	8	3.6	10	4.5	9	4.05	25	14.85		
	2.4	Goat Shelter (in Nos.)			16	5.6	16	5.6	16	5.6	16	5.6	48	22.40		
	2.5	Poultry Shelter (in Nos.)			16	6.4	16	6.4	16	6.4	16	6.4	48	25.60		
	2.6	Azola Pit (in Nos.)			16	0.32	16	0.32	16	0.32	16	0.32	48	1.28		
	2.7	Fodder Through (in Nos.)			0	0	8	2.8	8	2.8	8	2.8	16	8.40		
	2.8	Sanjeeva Pit(in Nos.)			16	0.32	16	0.32	16	0.32	16	0.32	48	1.28		
	2.9	Micro Irrigation (in Nos.)														
	2.9.1	Sprinkler Irrigation (in Nos.)			0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	*NHM/Deartment of Agricultur/PMKSY	PIA/District Level
	2.9.2	Drip Irrigation			0	0.00	0	0.00	0	0.00	0	0.00	0	0.00		
	2.10	Poly Houise			0	0.00	1	0.00	0	0.00	1	0.00	1	0.00	*NHM	PIA/District Level
	2.11	Agro Shed Net House			0	0.00	1	0.00	0	0.00	1	0.00	1	0.00		
3	SMC Work														MGNAREGA	PIA/District Level
	3.1	Contour Bund (in rmt.)			2537	2.283	5500	4.950	5553	4.998	5581	5.023	19171	17.254		
	3.2	Nos. of Outlet			5	0.038	11	0.083	11	0.083	11	0.083	38	0.285		
	3.3	Marginal Bund (in rmt.)			1696	6.462	3739	14.246	3712	14.143	3579	13.636	12726	48.486		
	3.4	Nos. of Outlet			3	0.450	7	1.050	7	1.050	7	1.050	24	3.600		
	3.5	Perpheral Bund (in rmt.)			3069	11.693	6848	26.091	6709	25.561	8174	31.143	24800	94.488		
	3.6	Nos. of Outlet			6	0.900	13	1.950	13	1.950	16	2.400	48	7.200		
TOTAL :				0.00		39.885		75.379		75.694		80.794		271.753		
* 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 Parshoi, IWMP-IV 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	Jogaeal	717.00	16	1.44	16	1.28	7	3.15	16	5.6	16	6.4	16	0.32	6	2.1	16	0.32	0	0	0	0	0	0	0	0	0	0	109	20.610
2	Parshoi	4433.00	48	4.32	48	3.84	26	11.70	48	16.80	48	19.20	48	0.96	18	6.30	48	0.96	0	0.00	0	0.00	2	0.00	2	0.00	2	0.00	336	64.080
Total		5150.00	64	5.76	64	5.12	33	14.85	64	22.40	64	25.60	64	1.28	24	8.40	64	1.28	0	0.00	0	0.00	2	0.00	2	0.00	445	84.69		

IInd Year		Convergence Programme Under the Component of PSME under the Project of Parshoi, IWMP-IV 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	Jogaal	717	4	0.36	4	0.32	0	0	4	1.4	4	1.60	4	0.08	0	0	4	0.08	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	24	3.84
2	Parshoi	4433	12	1.08	12	0.96	6	2.7	12	4.2	12	4.80	12	0.24	0	0	12	0.24	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	78	14.22
	Total	5150	16	1.44	16	1.28	6	2.7	16	5.6	16	6.40	16	0.32	0	0	16	0.32	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	102	18.06

IIIrd Year		Convergence Programme Under the Component of PSME under the Project of Parshoi, IWMP-IV 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	Jogaeal	717	4	0.36	4	0.32	2	0.9	4	1.4	4	1.60	4	0.08	2	0.7	4	0.08	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	28	5.44
2	Parshoi	4433	12	1.08	12	0.96	6	2.7	12	4.2	12	4.80	12	0.24	6	2.1	12	0.24	0	0.00	0	0.00	1	0.00	1	0.00	1	0.00	86	16.3
Total		5150.00	16	1.44	16	1.28	8	3.6	16	5.6	16	6.40	16	0.32	8	2.8	16	0.32	0	0.00	0	0.00	1	0.00	1	0.00	114	21.76		

IVth Year		Convergence Programme Under the Component of PSME under the Project of Parshoi, IWMP-IV 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	Jogaeal	717	4	0.36	4	0.32	3	1.35	4	1.4	4	1.60	4	0.08	2	0.7	4	0.08	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	29	5.89
2	Parshoi	4433	12	1.08	12	0.96	7	3.15	12	4.2	12	4.80	12	0.24	6	2.1	12	0.24	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	85	16.8
Total		5150.00	16	1.44	16	1.28	10	4.50	16	5.60	16	6.40	16	0.32	8	2.80	16	0.32	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	114	22.66

Vth Year		Convergence Programme Under the Component of PSME under the Project of Parshoi, IWMP-IV 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	Jogaeal	717	4	0.36	4	0.32	2	0.9	4	1.4	4	1.60	4	0.08	2	0.7	4	0.08	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	28	5.44
2	Parshoi	4433	12	1.08	12	0.96	7	3.15	12	4.2	12	4.80	12	0.24	6	2.1	12	0.24	0	0.00	0	0.00	1	0.00	1	0.00	87	16.77		
Total		5150.00	16	1.44	16	1.28	9	4.05	16	5.60	16	6.40	16	0.32	8	2.80	16	0.32	0	0.00	0	0.00	1	0.00	1	0.00	115	22.21		

WC Wise Planing of Contour Bund (CB) Under Project				Parshoi, IWMP-IV		District-		Sonbhadra		(Phy. In rmt, Fin. In Lakhs)	
NAME of WC	IInd year		IIIRD Year		IVth Year		Vth Year		Total		
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	
Jogaeal	1239	1.115	1282	1.154	1172	1.055	1404	1.264	5097	4.587	
Parshoi	1298	1.168	4218	3.796	4381	3.943	4177	3.759	14074	12.667	
Total	2537	2.28	5500	4.95	5553	5.00	5581	5.02	19171	17.25	
OUTLETS (for safe Disposal of Water)											
Nos	5	0.0375	11	0.0825	11	0.0825	11	0.0825	38	0.285	
Amount @ Rs. 0.0075 lac per Outlet	0.0375		0.0825		0.0825		0.0825		0.285		

WC Wise Planing of Marginal Bund (MB) Under Project				Parshoi, IWMP-IV		District-		Sonbhadra		(Phy. In rmt, Fin. In Lakhs)	
NAME of WC	IInd year		IIIRD Year		IVth Year		Vth Year		Total		
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	
Jogaeal		0.000	2338	8.908		0.000		0.000	2338	8.908	
Parshoi	1696	6.462	1401	5.338	3712	14.143	3579	13.636	10388	39.578	
Total	1696	6.462	3739	14.246	3712	14.143	3579	13.636	12726	48.486	
OUTLETS (for safe Disposal of Water)											
Nos	3	0.450	7	1.050	7	1.050	7	1.050	24	3.600	
Amount @ Rs. 0.15 lac per Outlet	0.45		1.05		1.05		1.05		3.60		

GP Wise Planing of Peripheral Bund (PB) Under Project				Parshoi, IWMP-IV		District-		Sonbhadra		(Phy. In rmt, Fin. In Lakhs)	
NAME of WC	IInd year		IIIRD Year		IVth Year		Vth Year		Total		
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	
Jogaeal	2566	9.776	3994	15.217	1655	6.306	0	0.000	8215	31.299	
Parshoi	503	1.916	2854	10.874	5054	19.256	8174	31.143	16585	63.189	
Total	3069	11.69	6848	26.09	6709	25.56	8174	31.14	24800	94.49	
OUTLETS (for safe Disposal of Water)											
Nos	6	0.900	13	1.950	13	1.950	16	2.400	48	7.200	
Amount @ Rs. 0.15 lac per Outlet	0.90		1.95		1.95		2.40		7.20		

Abstract of Expected Outcomes in the Project Area		Parshoi, IWMP-IV		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			62	
4	Availability of water	months.	4-5	5-6	
5	Storage Capacity	ham	N.A.	93.29	
6	Area brought under Supplementary Irrigation in ha				
6.1	@ 5 cm * 2 Irrigation/ha	ha	-	466.45	
6.2	@ 7.5 cm * 2 Irrigation/ha	ha	-	310.9666667	
7	Availability of drinking water	ha	8-10 months	9-10 months	
8	Increase in irrigation potential @ 50% of storage Capacity	ham	N.A.	46.64	
9	Area under agricultural crop	ha			
9.1	Area under single crop	ha	2661.80	2069.10	
9.2	Area under double crop	ha	1543.60	2212.95	
9.3	Area under multiple crop	ha	0.00	123.00	
9.4	Cropping Intensity	%	112.42	134.21	
9.5	B:C Ratio		1.64	2.58	
10	Increase in area under Afforestation	ha	8.39	52.47	
11	Increase in area under horticulture	ha	4.29	48.43	
12	Increase in area under fodder	ha	2.44	182.86	
13	Increase in area under vegetation	ha	15.12	283.76	
14	Increase in milk production	in Ltr	0.086	0.148	
15	Increase in no. of livelihoods	in no.	-	720	
15.1	Increase in income	no.			
15.2	For Assetless	In Rs.	17200.00	25000.00	

Abstract of Expected Outcomes in the Project Area		Parshoi, IWMP-IV		District-	Sonbhadra
S. No.	Item	Unit	Pre-project Status	Expected Post-project Status	Remarks
16	For Farmers	In Rs.	22800.00	33100.00	
17	Change in Migration Status	in Rs.	10845	7592	
18	No. of SHGs	no		144	
19	No. of SHGs Linkage	no.	0	144	
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.	62	
24	NPV of Net Benefit at 15% discounted Factor	In Rs.		7659898.02	
25	BCR at 15% discounted Factor of Net Benefit		-	1.14	
26	IRR	in %	-	24.35%	

Details of Employment Generation

Mandays Generated		
SMC (Through Convergence)	Total Amount/174	92085
Sub Total		92085
Through IWMP Fund :-		
Land Development	60% of Total Amount /174	14048
WHS	(Amount of Dressing + Sodding)/174	
Sub Total		14048
Self Employment :-		
Through SHGs	No. of SHG * 10 *150	108000
Through Micro Enterprises	No. of ME * 5 *180	150300
Through use of Farm Machinery	5150*0.12	3420
Sub Total		261720
Total		367853

CATEGORY WISE MANDAYS GENERATED in Nos.				No. of person employed			
GEN	SC	Total	WOMEN	GEN	SC	Total	WOMEN
60%	40%	100%	35%				
55251	36834	92085	32229	553	369	922	323
8428	5619	14047	4916	85	57	142	50
0	0	0	0	0	0	0	0
8428	5619	14047	4916	85	57	142	50
64800	43200	108000	37800	432	288	720	378
90180	60120	150300	52605	501	334	835	527
2052	1368	3420	1197	68	46	114	12
157032	104688	261720	91602	1001	668	1669	917
220711	147141	367852	128747	1639	1094	2733	1290

Production, Productivity, Investment Cost, BC and Cropping Intensity of Major Crops under										
Parshoi, IWMP-IV			District:		Sonbhadra		Net Cultivable Area :		5150.00 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
Pre-project										
A	Khariff									
1	Paddy	792.00	17.00	13464.00	6500	5148000	1000	13464000	8316000	1.62
2	Jwar	204.00	6.00	1224.00	3200	652800	1400	1713600	1060800	1.63
3	Bajra	226.00	5.50	1243.00	3000	678000	1400	1740200	1062200	1.57
4	Maiz	91.00	9.00	819.00	4500	409500	1250	1023750	614250	1.50
5	Arhar	294.00	3.25	955.50	5000	1470000	4000	3822000	2352000	1.60
6	Urd/Moong	272.00	3.00	816.00	5000	1360000	4000	3264000	1904000	1.40
7	Sawa/Kondo	91.00	2.25	204.75	4000	364000	5000	1023750	659750	1.81
8	Til	91.00	2.25	204.75	5000	455000	6000	1228500	773500	1.70
9	Chia	0.00	0.00	0.00	0	0	0	0	0	0.00
10	Vegetable	91.00	40.00	3640.00	8000	728000	500	1820000	1092000	1.50
11	Fodder	68.00	150.00	10200.00	6000	408000	100	1020000	612000	1.50
12	Others	45.00	7.75	348.75	5000	225000	1500	523125	298125	1.33
Sub Total A		2265				11898300.00		30642925.00	18744625.00	1.58
B	Rabi									
1	Wheat	1289.00	16.25	20946.25	7000	9023000	1200	25135500	16112500	1.79
2	Barley	279.00	6.00	1674.00	3500	976500	1400	2343600	1367100	1.40
3	Mustard	314.00	3.00	942.00	2500	785000	2200	2072400	1287400	1.64
4	Lentil/Gram	453.00	3.25	1472.25	4500	2038500	3500	5152875	3114375	1.53
5	Field Pea	348.00	11.50	4002.00	5500	1914000	1250	5002500	3088500	1.61
6	Linseed	383.00	2.50	957.50	3800	1455400	4000	3830000	2374600	1.63
6	Quinoa	0.00	0.00	0.00	0	0	0	0	0	0.00
7	Vegetable	174.00	45.00	7830.00	8000	1392000	500	3915000	2523000	1.81
8	Fodder	105.00	160.00	16800.00	6000	630000	100	1680000	1050000	1.67
9	Others	139.00	8.00	1112.00	5000	695000	1500	1668000	973000	1.40
Sub Total B		3484.00				18909400.00		50799875.00	31890475.00	1.69
C	Zaid	0.00	0.00	0.00	0	0	0	0	0	0.00
Gross Area		5749.00				30807700.00		101599750.00	50635100.00	1.64
Cropping Intensity				112.42 %						

Production, Productivity, Investment Cost, BC and Cropping Intensity of Major Crops under										
Parshoi, IWMP-IV			District:		Sonbhadra		Net Cultivable Area :		5150.00 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
Post-project										
A	Khariff									
1	Paddy	694.00	19.50	13533.00	9000	6246000	1400	18946200	12700200	2.03
2	Jwar	250.00	7.50	1875.00	4500	1125000	1800	3375000	2250000	2.00
3	Bajra	278.00	7.25	2015.50	4500	1251000	1800	3627900	2376900	1.90
4	Maiz	153.00	14.50	2218.50	7500	1147500	1450	3216825	2069325	1.80
5	Arhar	389.00	5.75	2236.75	7000	2723000	4500	10065375	7342375	2.70
6	Urd/Moong	361.00	5.25	1895.25	7000	2527000	4800	9097200	6570200	2.60
7	Sawa/Kondo	125.00	3.00	375.00	4800	600000	6000	2250000	1650000	2.75
8	Til	111.00	3.25	360.75	6000	666000	7000	2525250	1859250	2.79
9	Chia	14.00	10.00	140.00	8000	112000	6000	840000	728000	6.50
10	Vegetable	118.00	75.00	8850.00	10000	1180000	700	6195000	5015000	4.25
11	Fodder	97.00	230.00	22310.00	7500	727500	120	2677200	1949700	2.68
12	Others	118.00	12.50	1475.00	7500	885000	1700	2507500	1622500	1.83
Sub Total A		2708.00				19190000.00		65323450.00	46133450.00	2.40
B	Rabi									
1	Wheat	1530.00	20.50	31365.00	9000	13770000	1600	50184000	36414000	2.64
2	Barley	290.00	10.00	2900.00	6000	1740000	1800	5220000	3480000	2.00
3	Mustard	393.00	5.75	2259.75	5000	1965000	3400	7683150	5718150	2.91
4	Lentil/Gram	331.00	5.25	1737.75	6000	1986000	3500	6082125	4096125	2.06
5	Field Pea	331.00	14.00	4634.00	7000	2317000	1800	8341200	6024200	2.60
6	Linseed	455.00	3.50	1592.50	5000	2275000	5500	8758750	6483750	2.85
7	Quinoa	21.00	10.00	210.00	8000	168000	6000	1260000	1092000	6.50
8	Vegetable	248.00	70.00	17360.00	10000	2480000	700	12152000	9672000	3.90
9	Fodder	176.00	200.00	35200.00	7500	1320000	140	4928000	3608000	2.73
10	Others	258.00	12.00	3096.00	6500	1677000	1700	5263200	3586200	2.14
Sub Total B		4033.00				29698000.00		109872425.00	80174425.00	2.70
C	Zaid									
	Gross Area	6864.00				49503000.00		111865025.00	127685475.00	2.58
Cropping Intensity				134.21 %						

Production, Productivity, Investment Cost, BC and Cropping Intensity of Major Crops under							
Parshoi, IWMP-IV		District:	Sonbhadra		Net Cultivable Area :		5150.00 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	2661.80	1	2661.80	Area under Single Crop	2069.10	1	2069.10
Area under Double Crop	1543.60	2	3087.20	Area under Double Crop	2212.95	2	4425.90
Area under Multiple Crop	0.00	3	0.00	Area under Multiple Crop	123.00	3	369.00
Total :			5749.00	Total :			6864.00
Crpping Intensity %		112.42		Crpping Intensity %		134.21	

Year wise Projected Benefit from Various Component under Project Area					
Parshoi, IWMP-IV		District- Sonbhadra		(amt in Rs.)	
Year	Land Development	From Livelihood Activities of Assetless	From Livelihood Activities of Farmers	From Livestock Activities	Total
1	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00
3	0.00	2226393.00	8186340.00	4825658.00	15238391.00
4	0.00	2968524.00	10915120.00	6434211.00	20317855.00
5	389820.00	3710655.00	13643900.00	8042764.00	25787139.00
6	2027340.00	4452786.00	16372680.00	9651316.00	32504122.00
7	5957850.00	5194917.00	19101460.00	11259869.00	41514096.00
Total	8375010.00	18553275.00	68219500.00	40213818.00	135361603.00

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
			18553275		68219500		40213818	126986593
1	1	0	0		0		0	0
2	2	0	0		0		0	0
3	3	12	2226393		8186340		4825658	15238391
4	4	16	2968524		10915120		6434211	20317855
5	5	20	3710655		13643900		8042764	25397319
6	6	24	4452786		16372680		9651316	30476782
7	7	28	5194917		19101460		11259869	35556246
	Total	100	18553275		68219500		40213818	126986593

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	3708000			3708000.00	0.00	-3708000	0.870	-3225960
2	8652000.00	3988545.00		12640545.00	0.00	-12640545.00	0.76	-9556252.02
3	15450000.00	7537897.00		22987897.00	15238391.00	-7749506.00	0.66	-5099174.95
4	15450000.00	7569421.00		23019421.00	20317855.00	-2701566.00	0.57	-1545295.75
5	18540000.00	8079433.00		26619433.00	25787139.00	-832294.00	0.50	-413650.12
6	0.00		2661943.00	2661943.00	32504122.00	29842179.00	0.43	12891821.33
7	0.00		2661943.00	2661943.00	41514096.00	38852153.00	0.38	14608409.53
	61800000.00	27175296.00	5323886.00	94299182.00	135361603.00	41062421.00		7659898.02

Calculation of B : C Ratio					
Year	Total Cost	Benefit	Discounted Factor @ 15%	Actual Cost @ 15% Discounted Value	Actual Benefit @ 15% Discounted Value
1	3708000.00	0.00	0.87	3225960.00	0.00
2	12640545.00	0.00	0.76	9556252.02	0.00
3	22987897.00	15238391.00	0.66	15126036.23	10026861.28
4	23019421.00	20317855.00	0.57	13167108.81	11621813.06
5	26619433.00	25787139.00	0.50	13229858.20	12816208.08
6	2661943.00	32504122.00	0.43	1149959.38	14041780.70
7	2661943.00	41514096.00	0.38	1000890.57	15609300.10
				56456065.20	64115963.22
				B : C	1.14

Calculation of IRR

Year	Project Cost				Total Bnenfit	Net Benefit	Discounted Factor @ 15%	NPV @ 15%	Discounted Factor @ 20%	NPV @ 20%	Discounted Factor @ 25%	NPV @ 25%
	IWMP	Covergence	Operation & Maintenance Cost	Total								
1	3708000.00	0.00	0.00	3708000.00	0.00	-3708000.00	0.87	-3225960.00	0.83	-3088764.00	0.80	-2966400.00
2	8652000.00	3988545.00	0.00	12640545.00	0.00	-12640545.00	0.76	-9556252.02	0.69	-8772538.23	0.64	-8089948.80
3	15450000.00	7537897.00	0.00	22987897.00	15238391.00	-7749506.00	0.66	-5099174.95	0.58	-4486963.97	0.51	-3967747.07
4	15450000.00	7569421.00	0.00	23019421.00	20317855.00	-2701566.00	0.57	-1545295.75	0.48	-1302154.81	0.41	-1107642.06
5	18540000.00	8079433.00	0.00	26619433.00	25787139.00	-832294.00	0.50	-413650.12	0.40	-334582.19	0.33	-272992.43
6	0.00	0.00	2661943.00	2661943.00	32504122.00	29842179.00	0.43	12891821.33	0.34	9997129.97	0.26	7818650.90
7	0.00	0.00	2661943.00	2661943.00	41514096.00	38852153.00	0.38	14608409.53	0.28	10839750.69	0.21	8158952.13
	61800000.00	27175296.00	5323886.00	94299182.00	135361603.00	41062421.00		7659898.02		2851877.45		-427127.34

$$\text{IRR \%} = 25 + \frac{2851877.45}{20 + \frac{2851877.45}{4.35} + (-427127.34)} * (25 - 20) = 24.35$$

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

II) Nominated Member

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.

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.

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.

Details of WDF Collected Under The Project

Component	Category	Rate	Amount in Lakhs
NRM Works Amount on Land Development only	SC/ST SC/ST, small and marginal farmers	5%	1.4259
	General	10%	1.2222
SMC Wok Through Convergence	-	-	-
Farming System	SC/ST	10%	2.4720
	General	20%	7.4159
User Charges as applicable on WHS Work fixed by user group on the basis of mutual consent for providing Supplementary Irrigation.		-	-
Total :			12.5360

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:

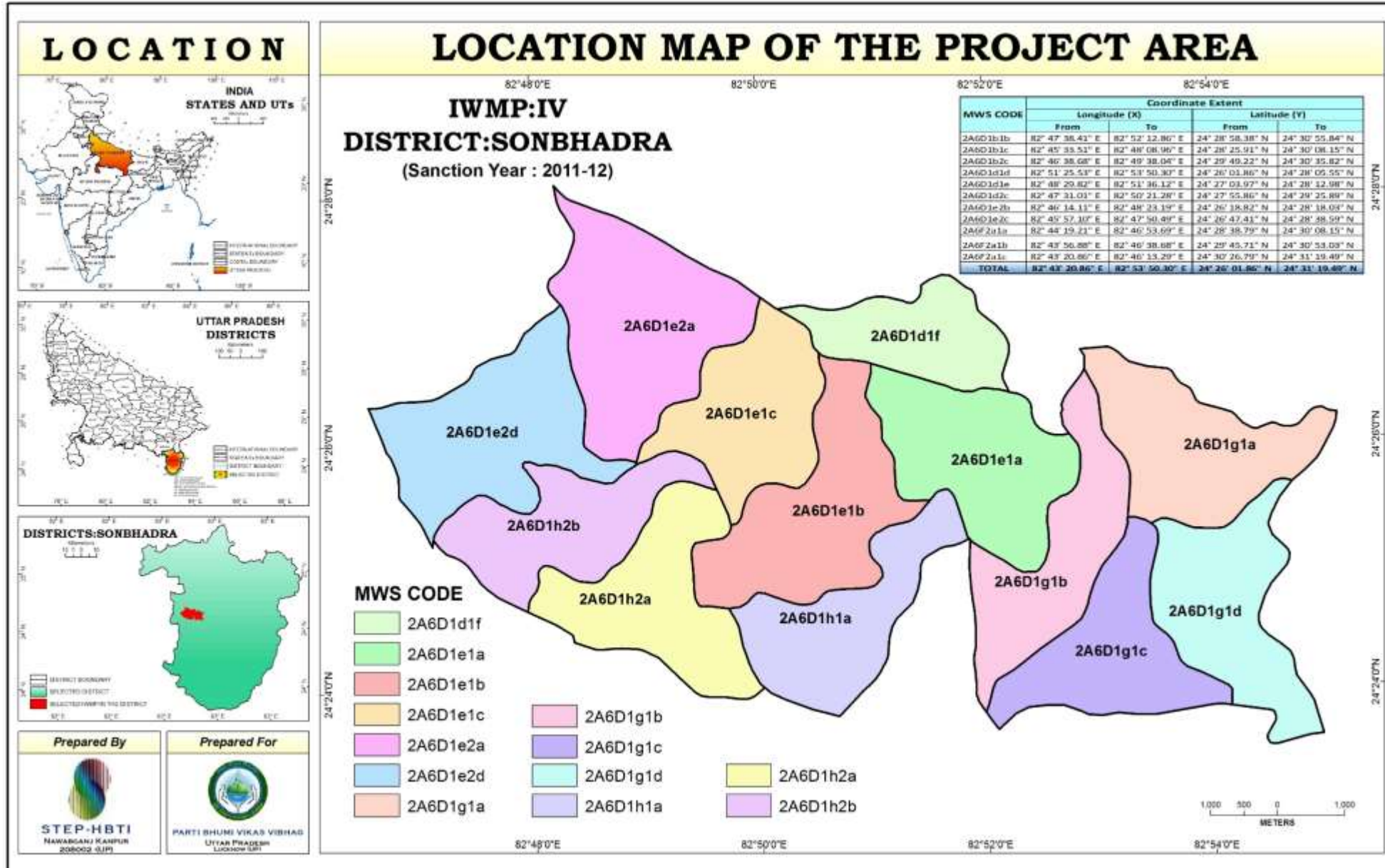
1. Meeting Register
2. Fund received Register
3. Bank Pass Book Register
4. Internal Lending/Loan Register
5. Savings Book Register
6. Seed Money Distribution & Recovery Register
7. Training Register
8. Composit Loan/Grant-in-aid Register

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

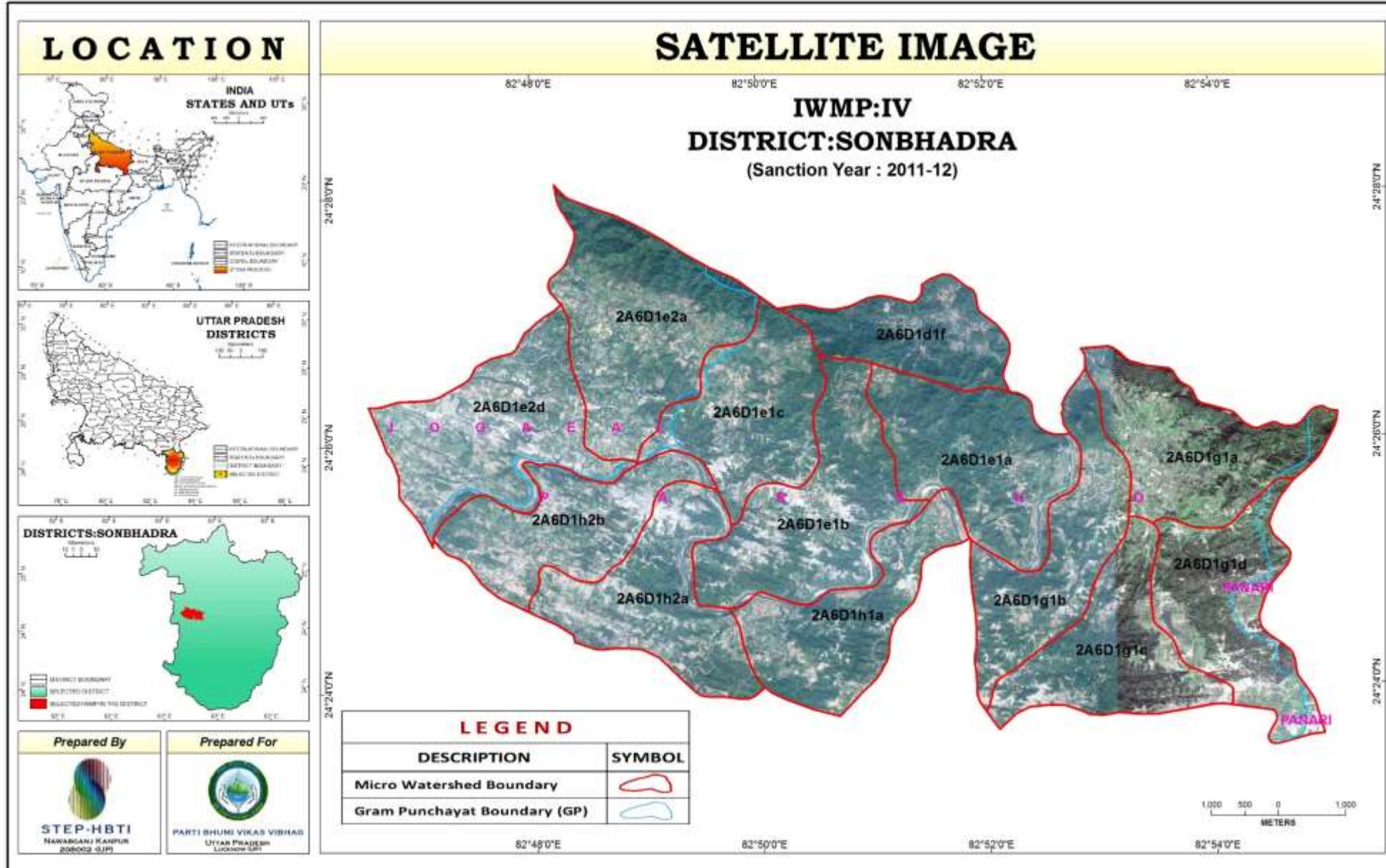
Activity Calendar for Various Component Under IWMP Projects.

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

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



THEMATIC MAPS



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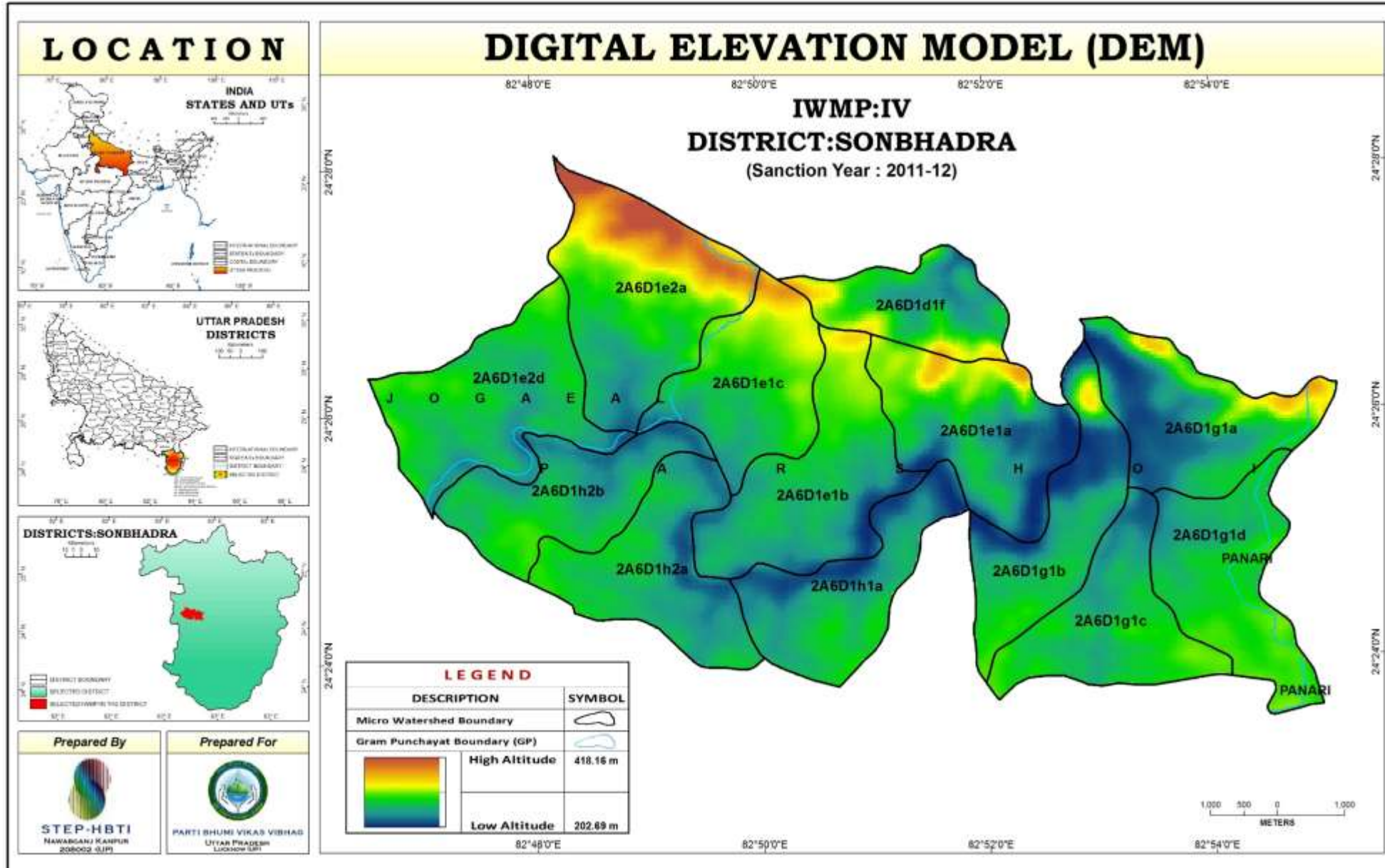


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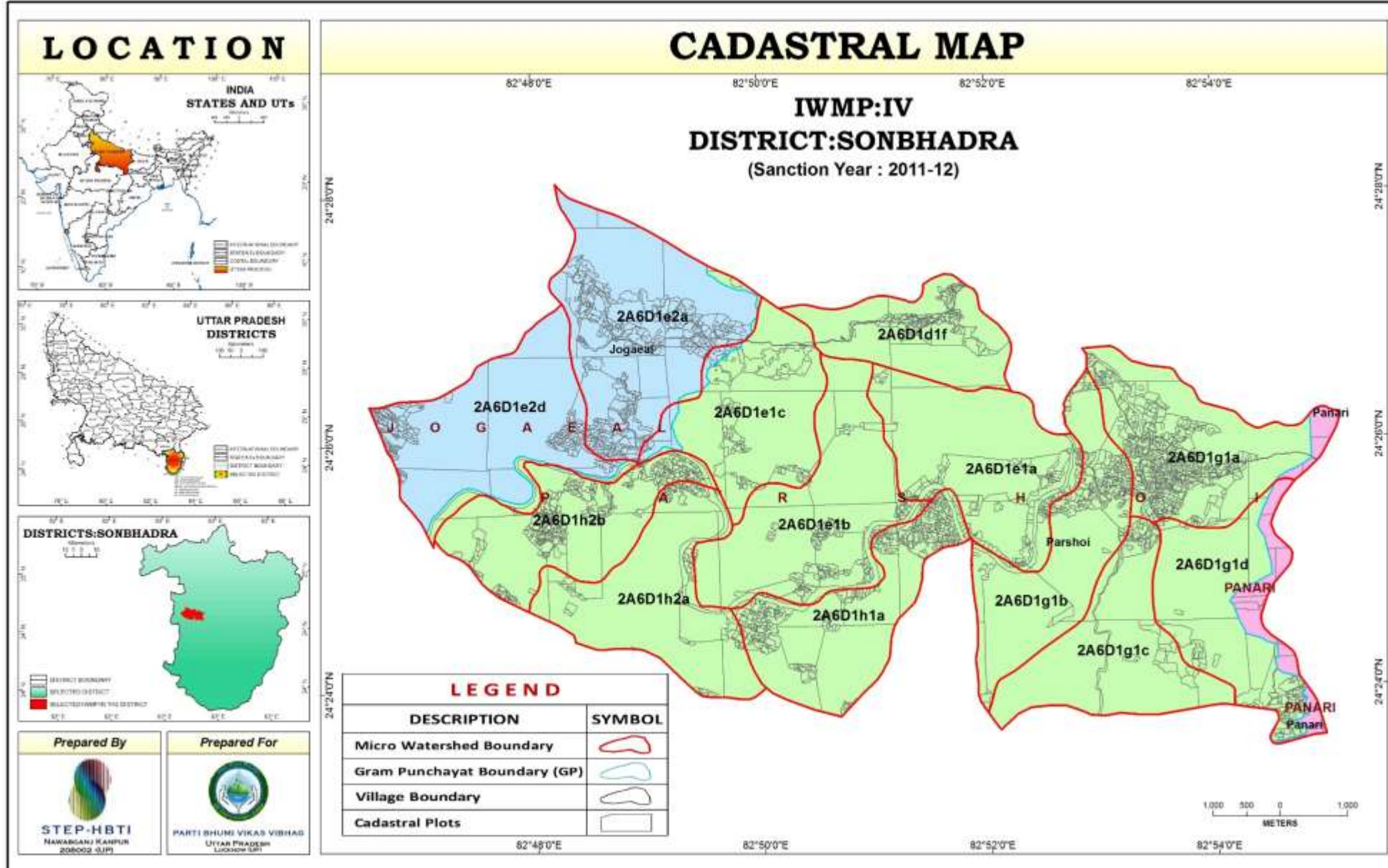
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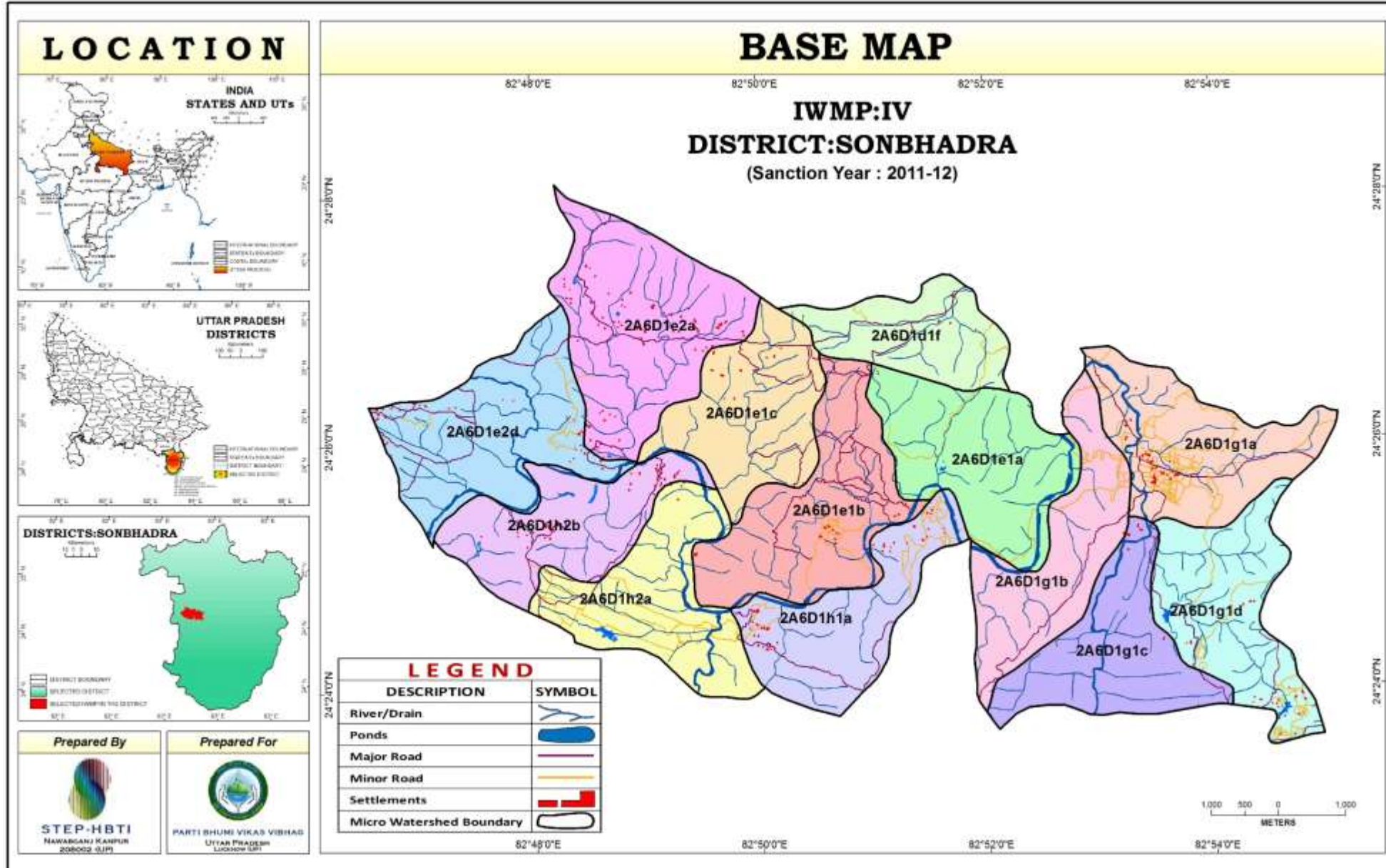
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LUCKNOW (UP)

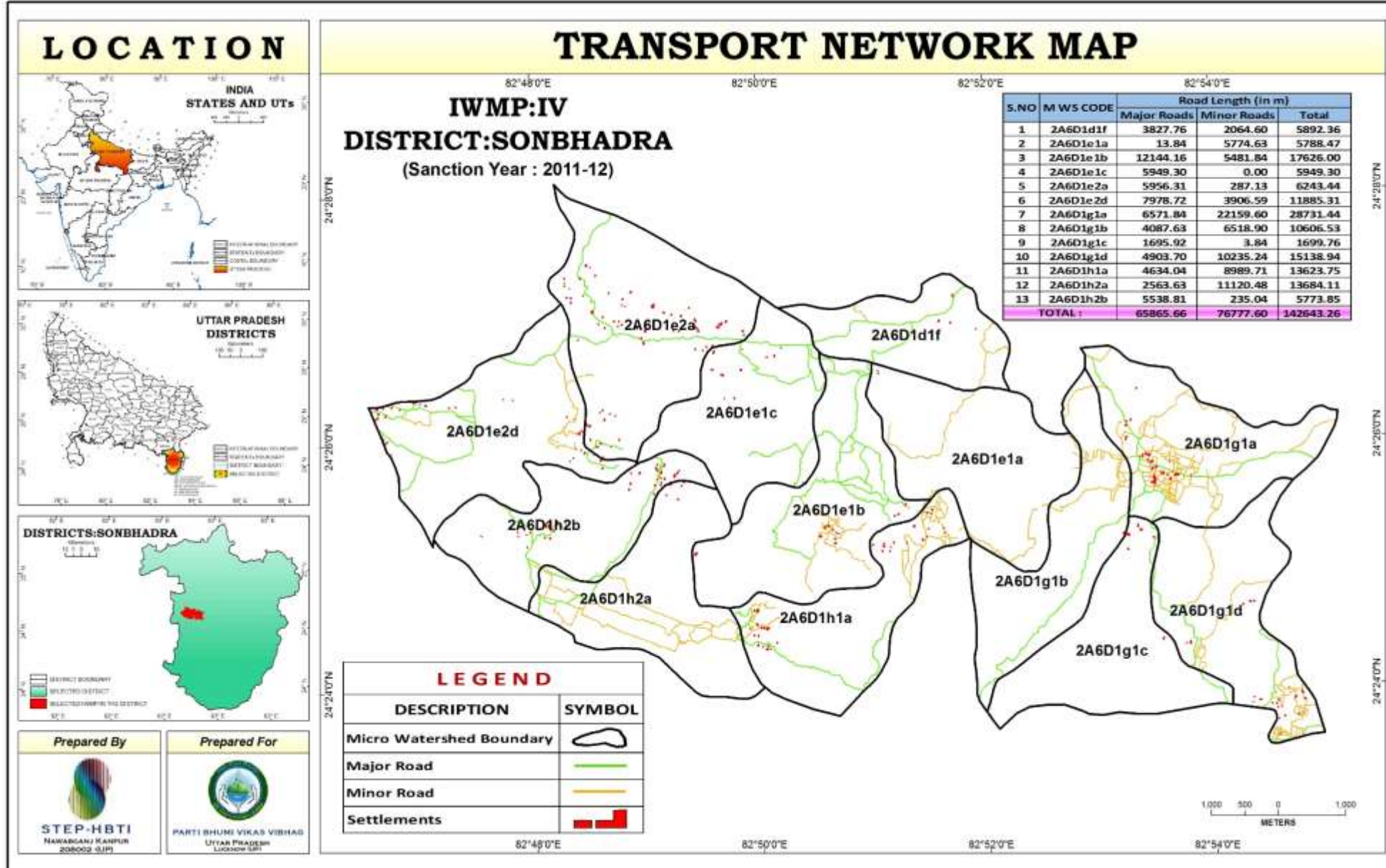


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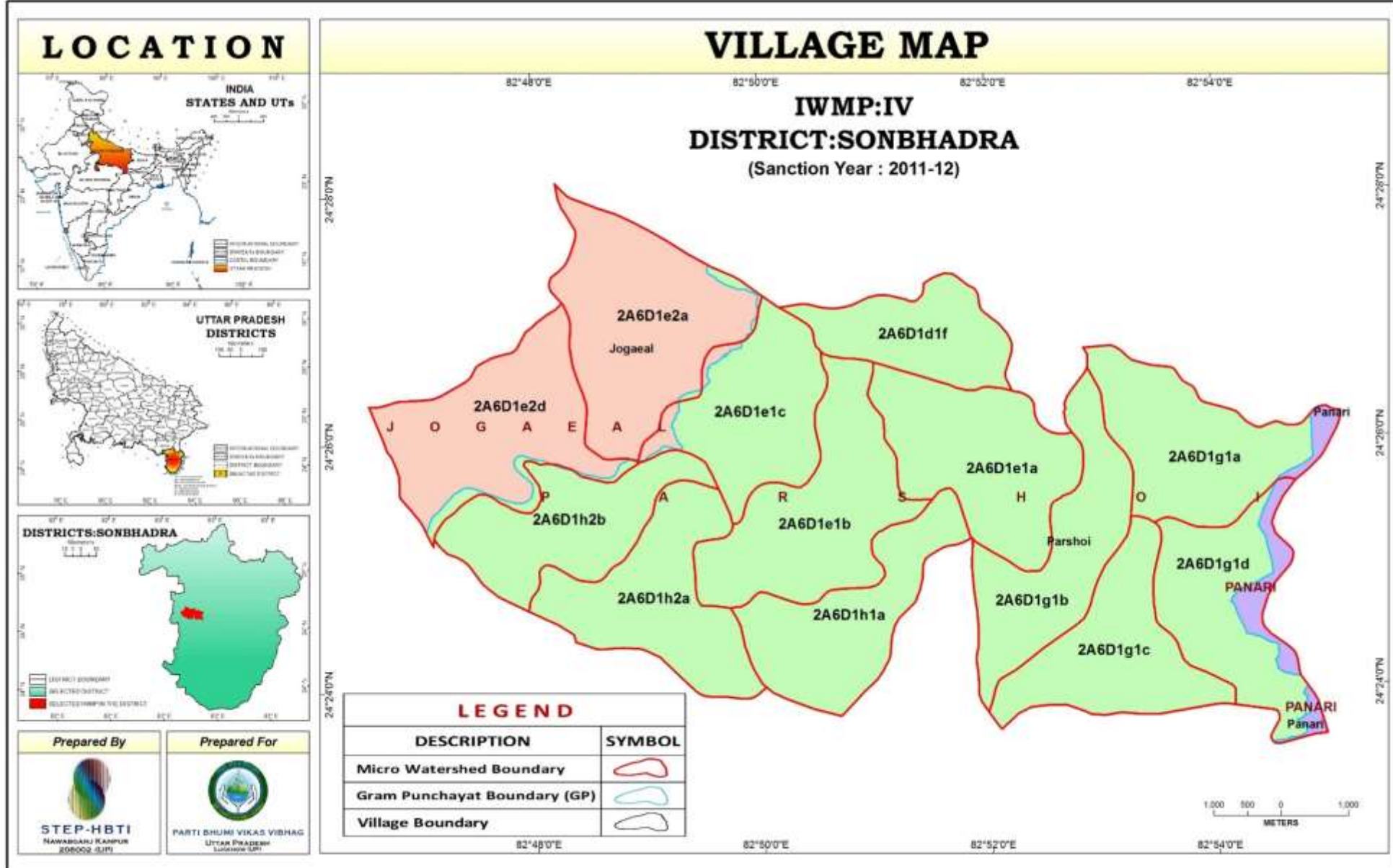


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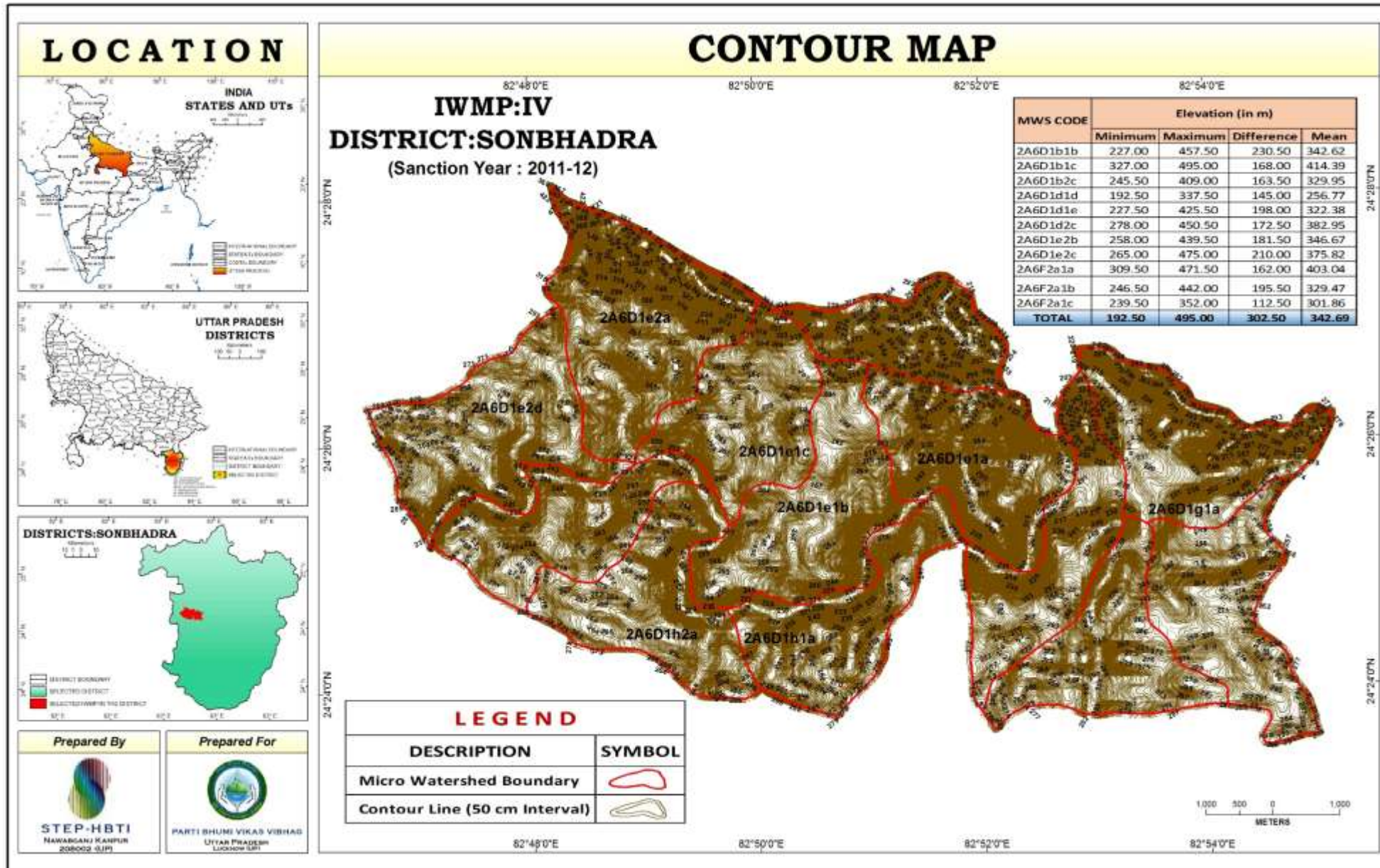


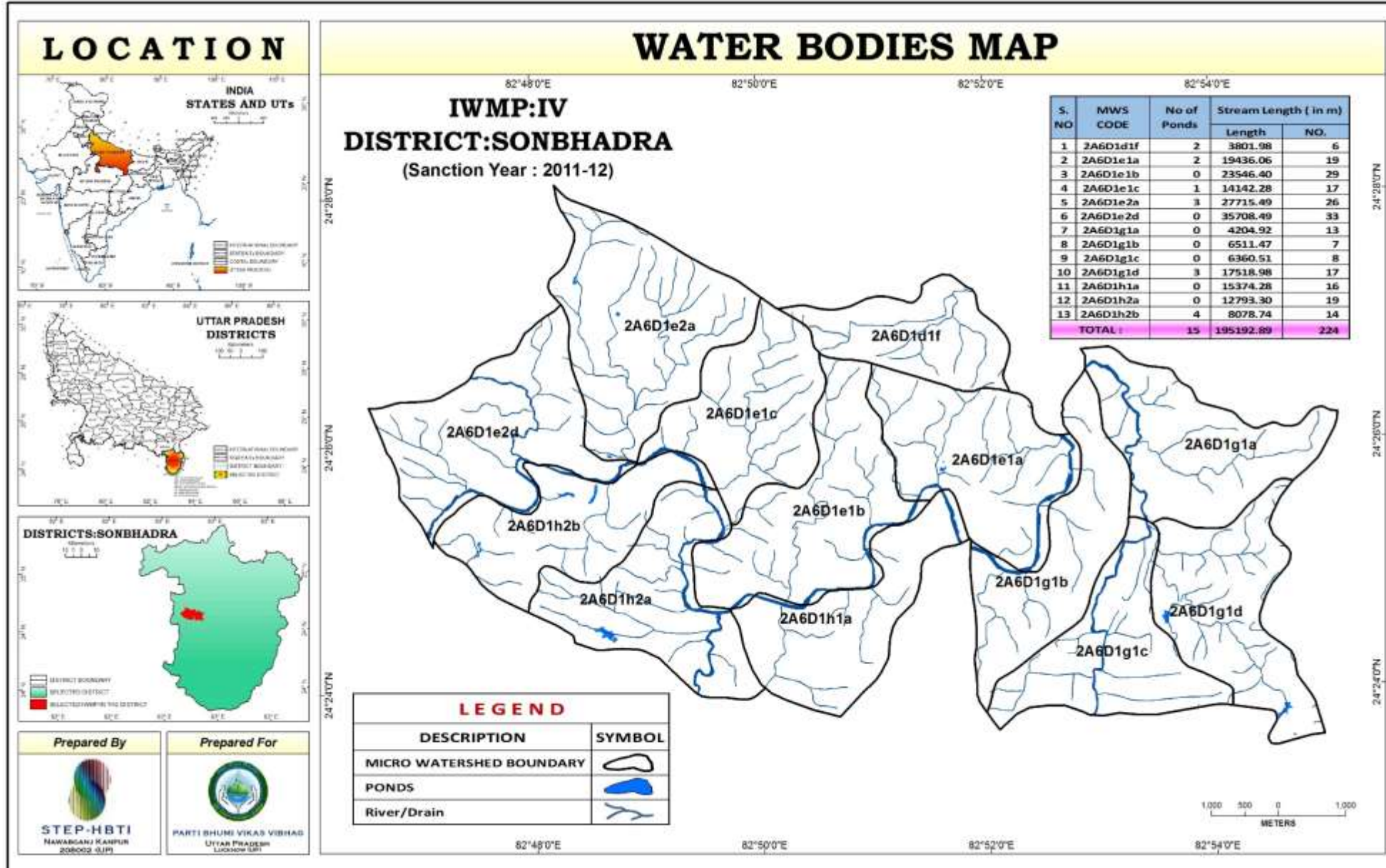


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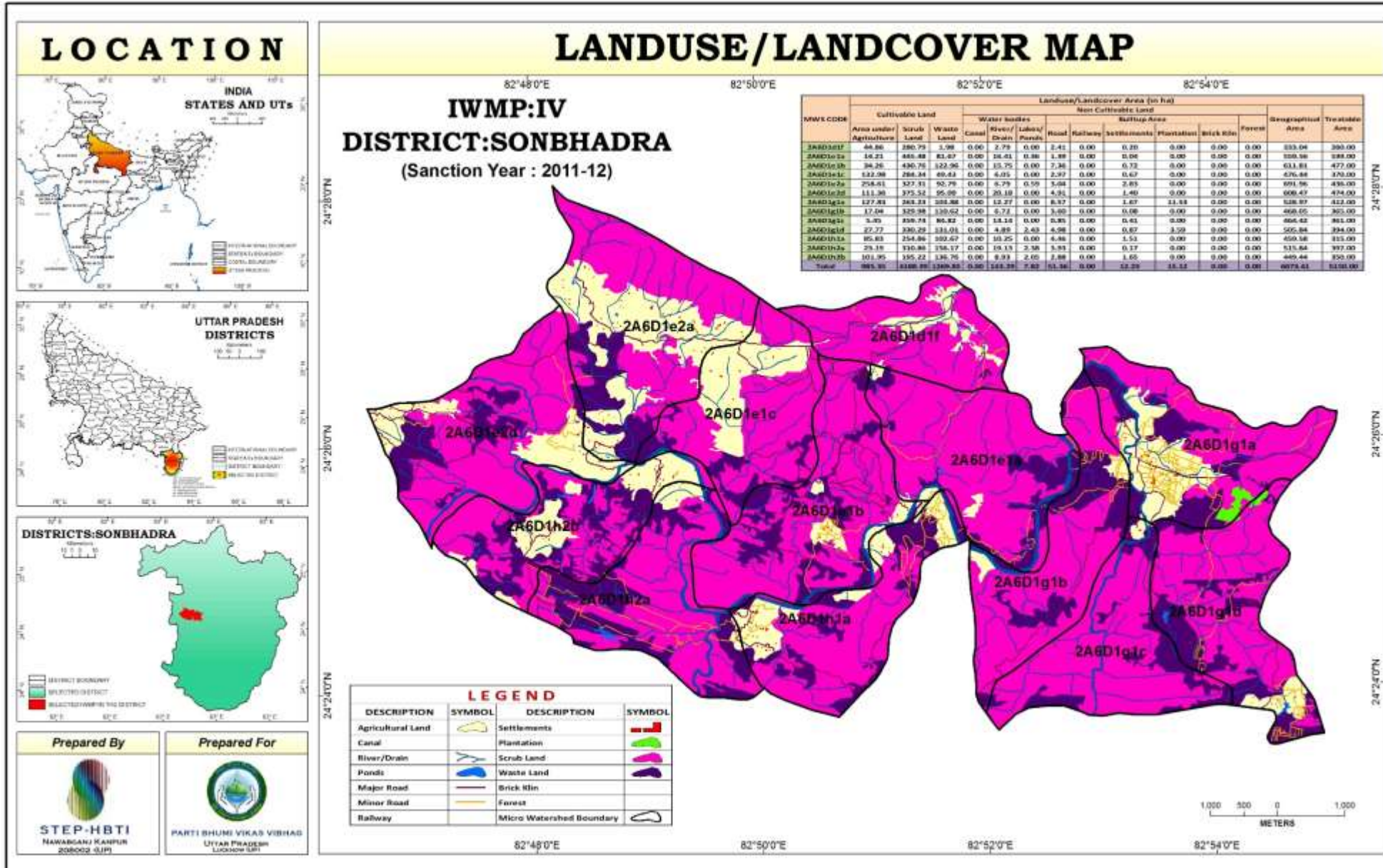


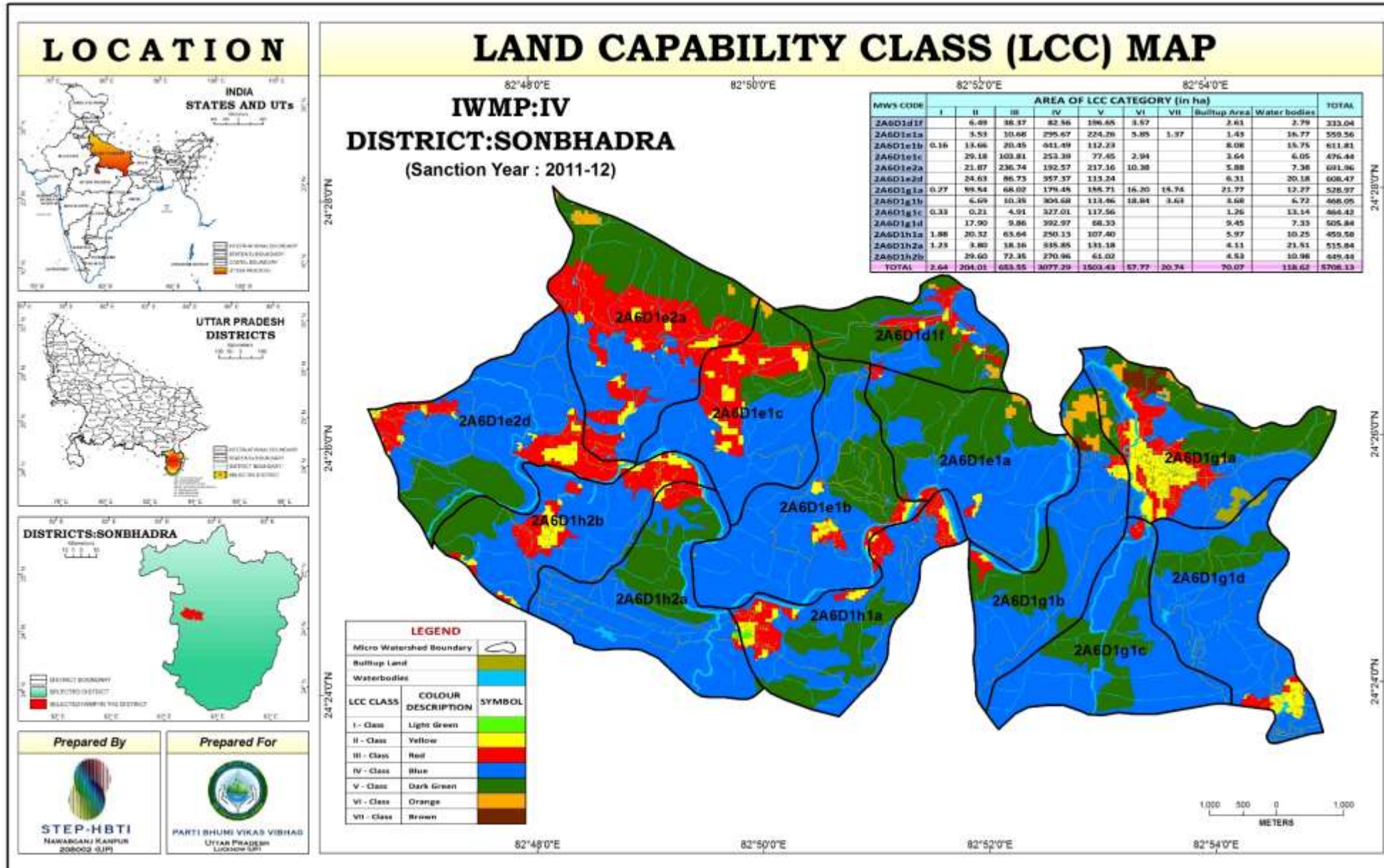
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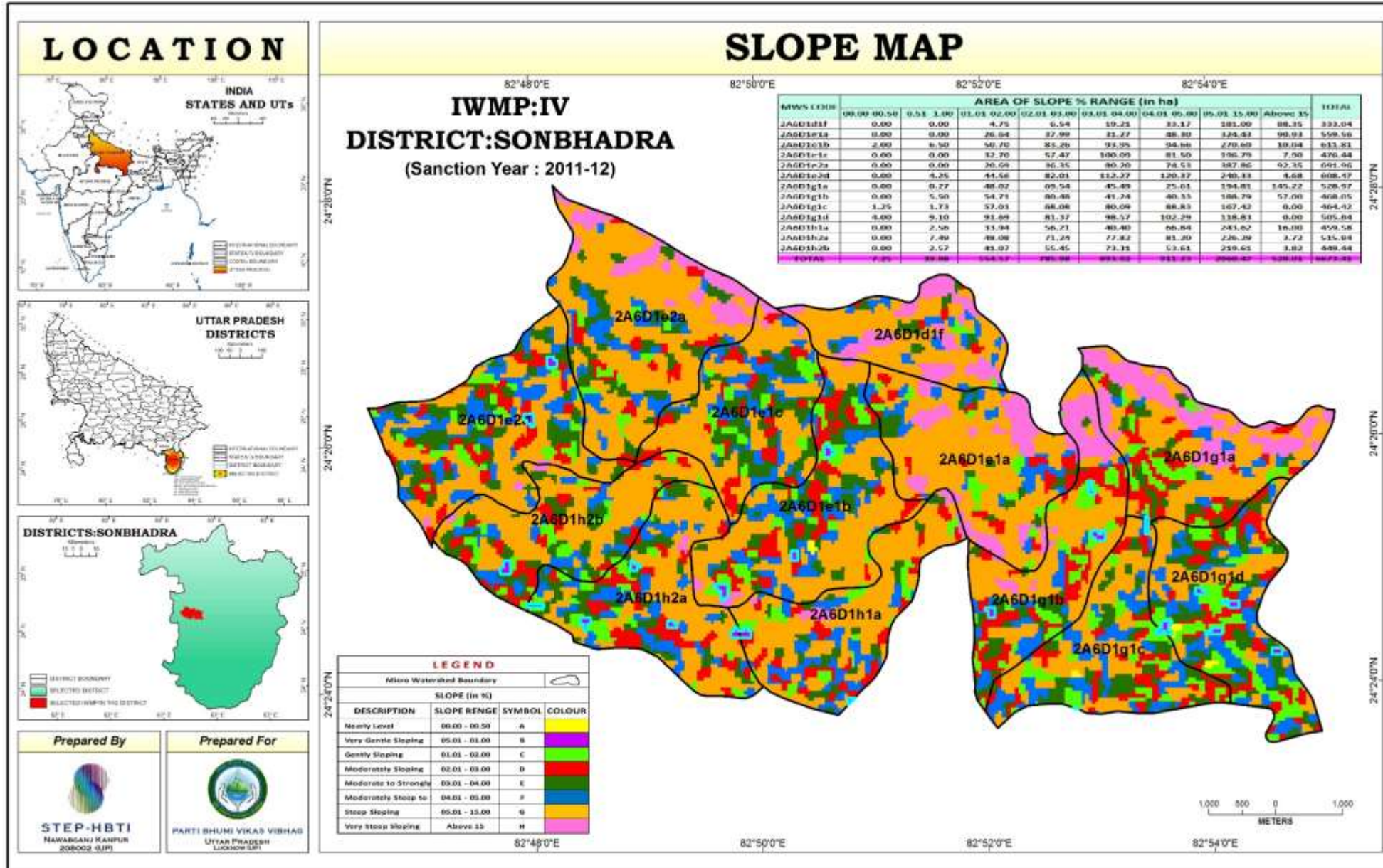
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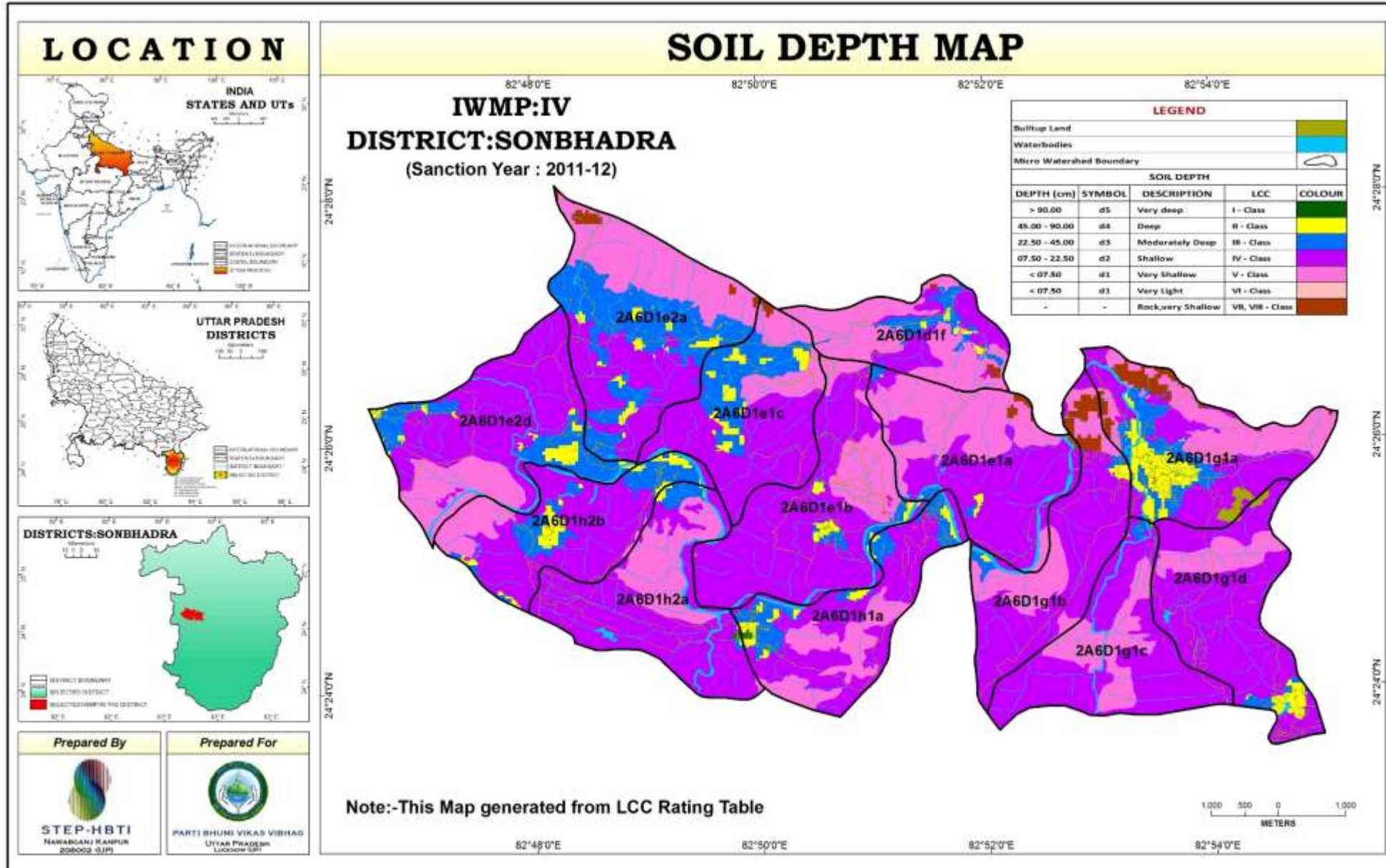
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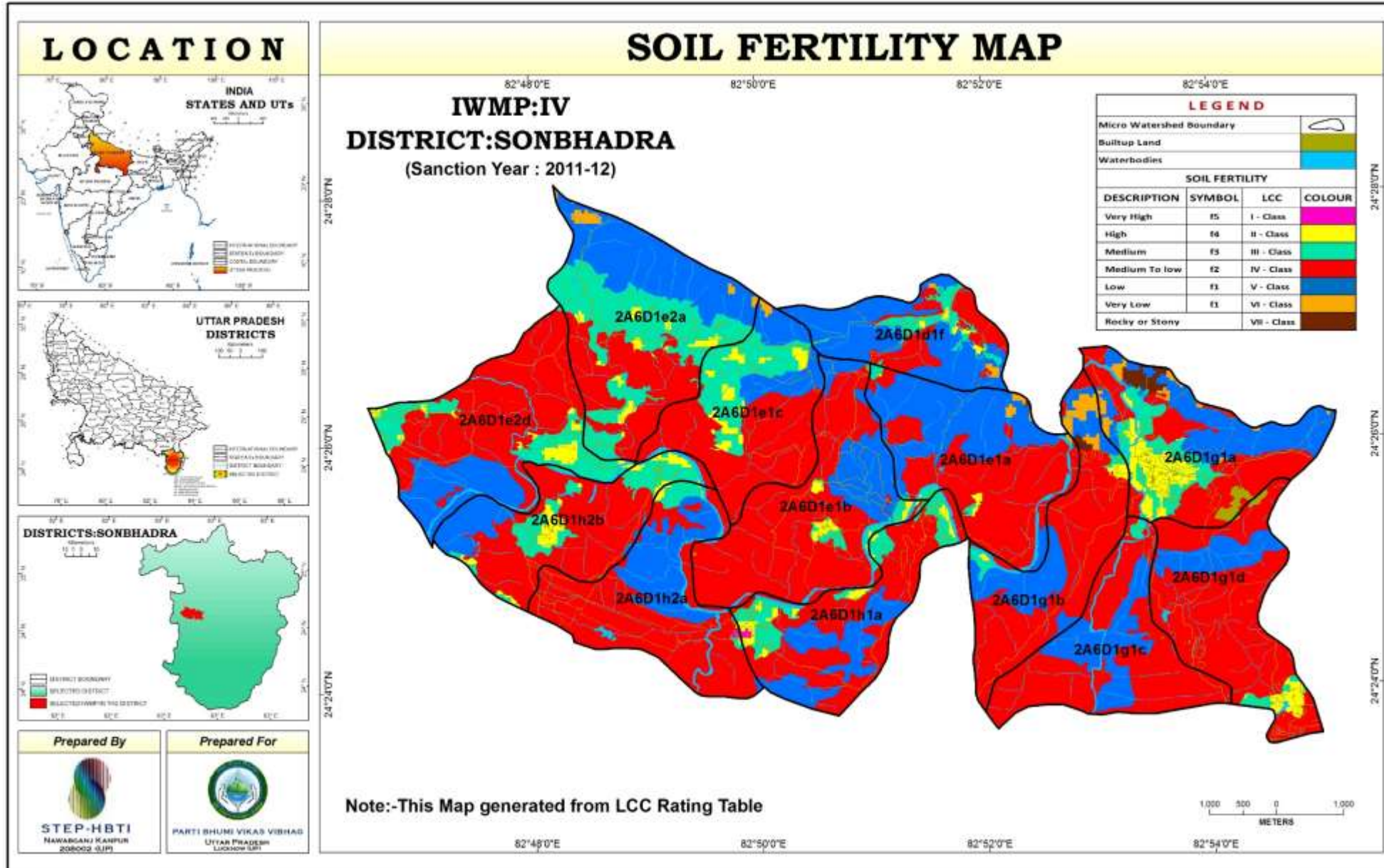


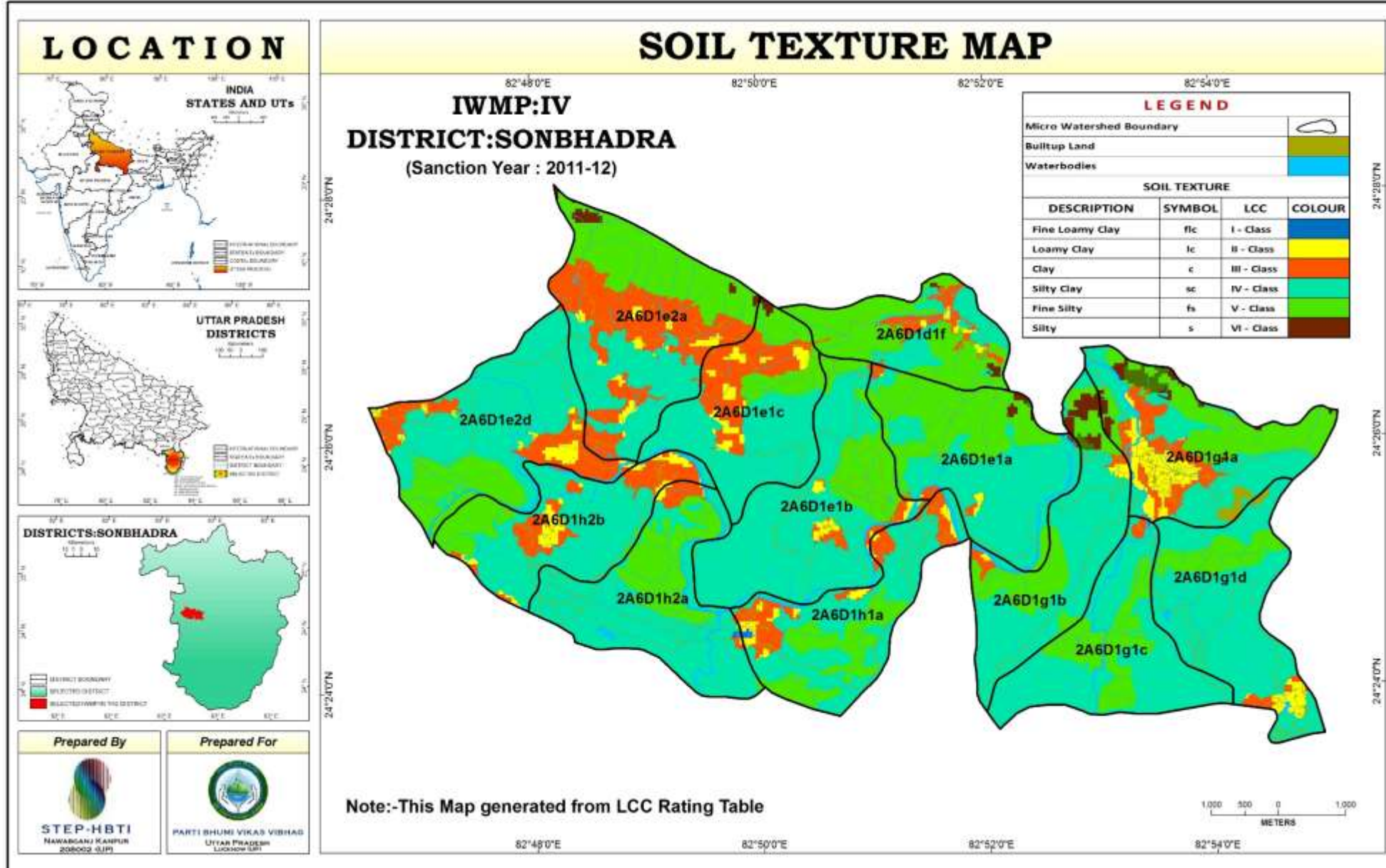




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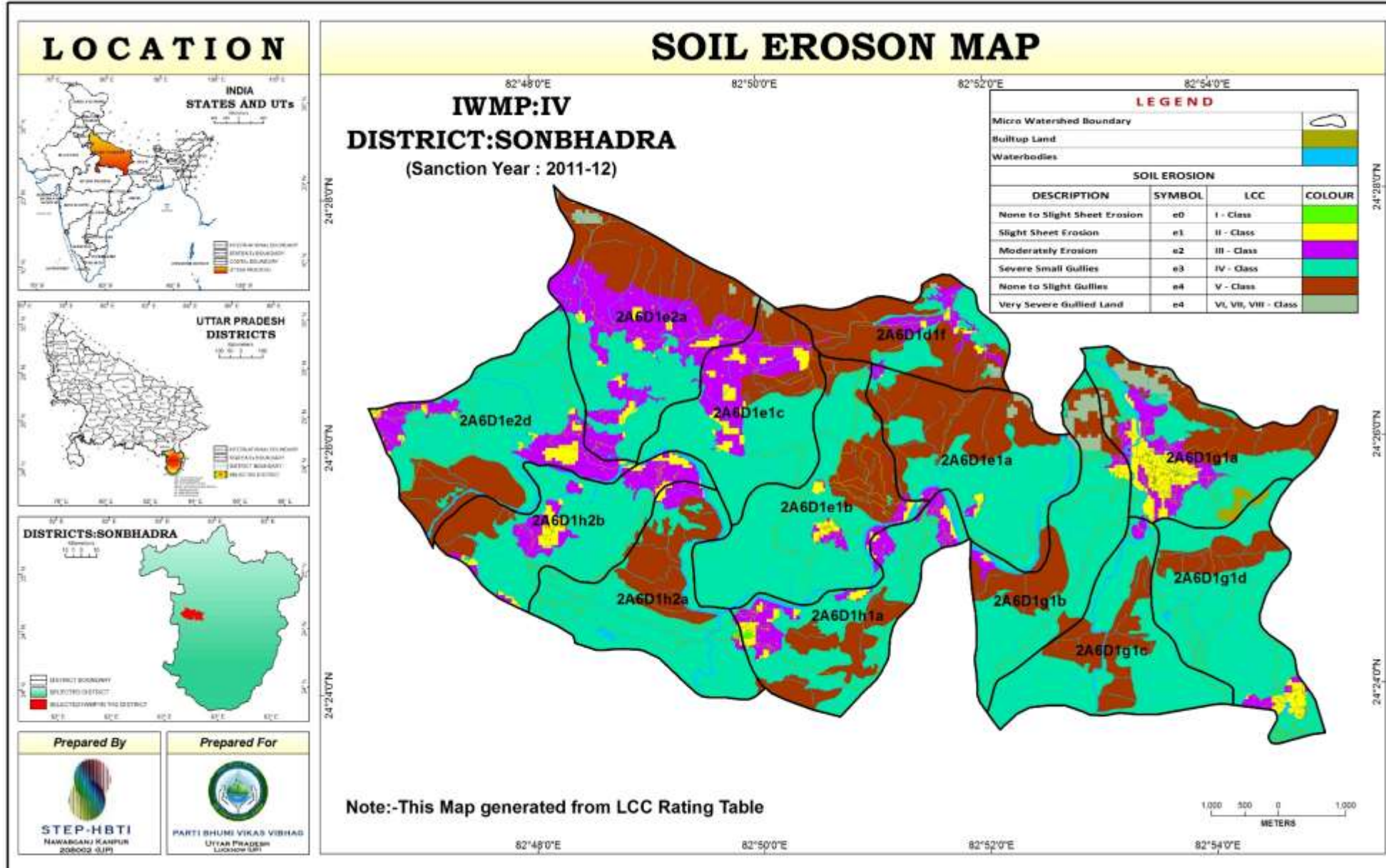
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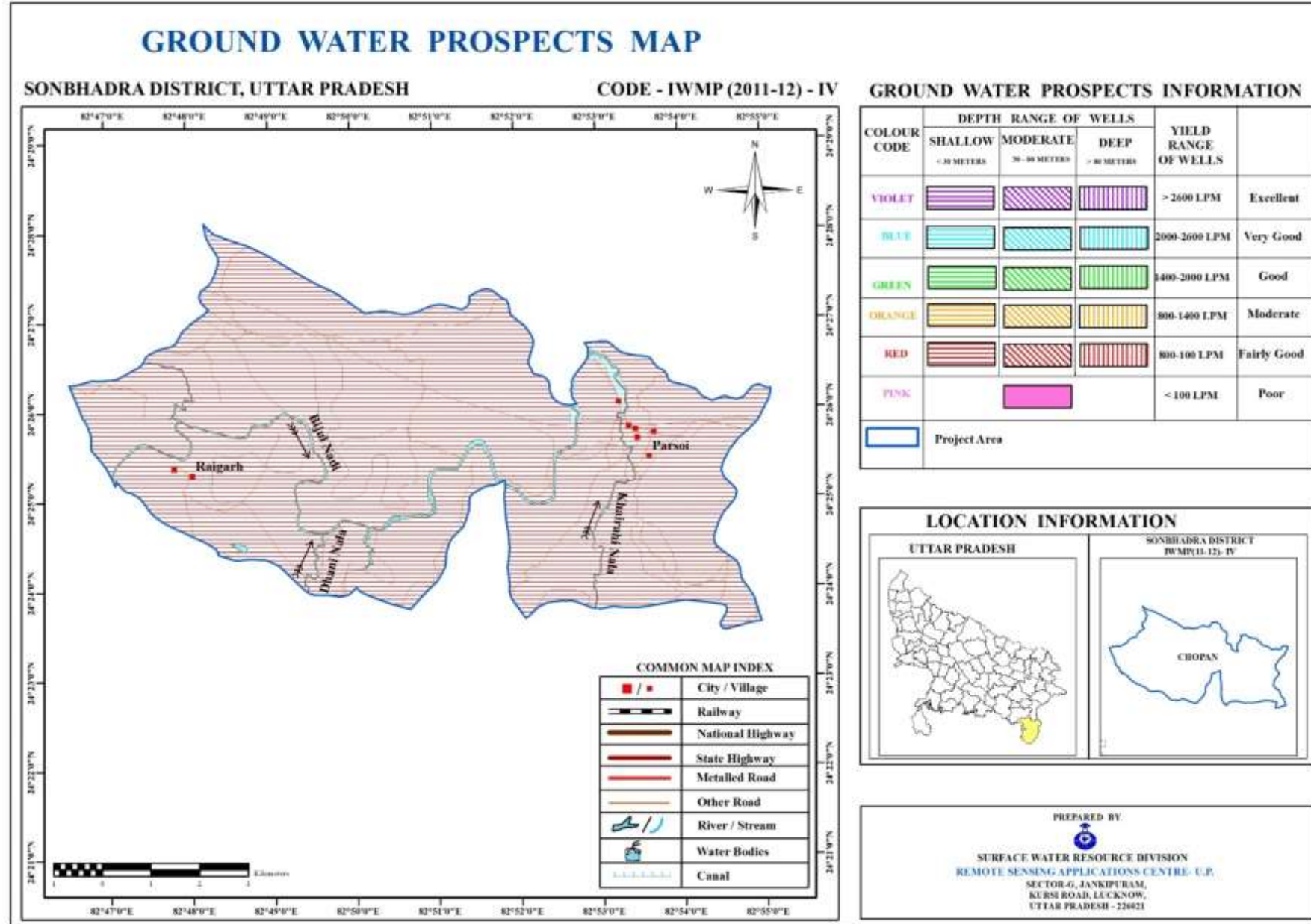
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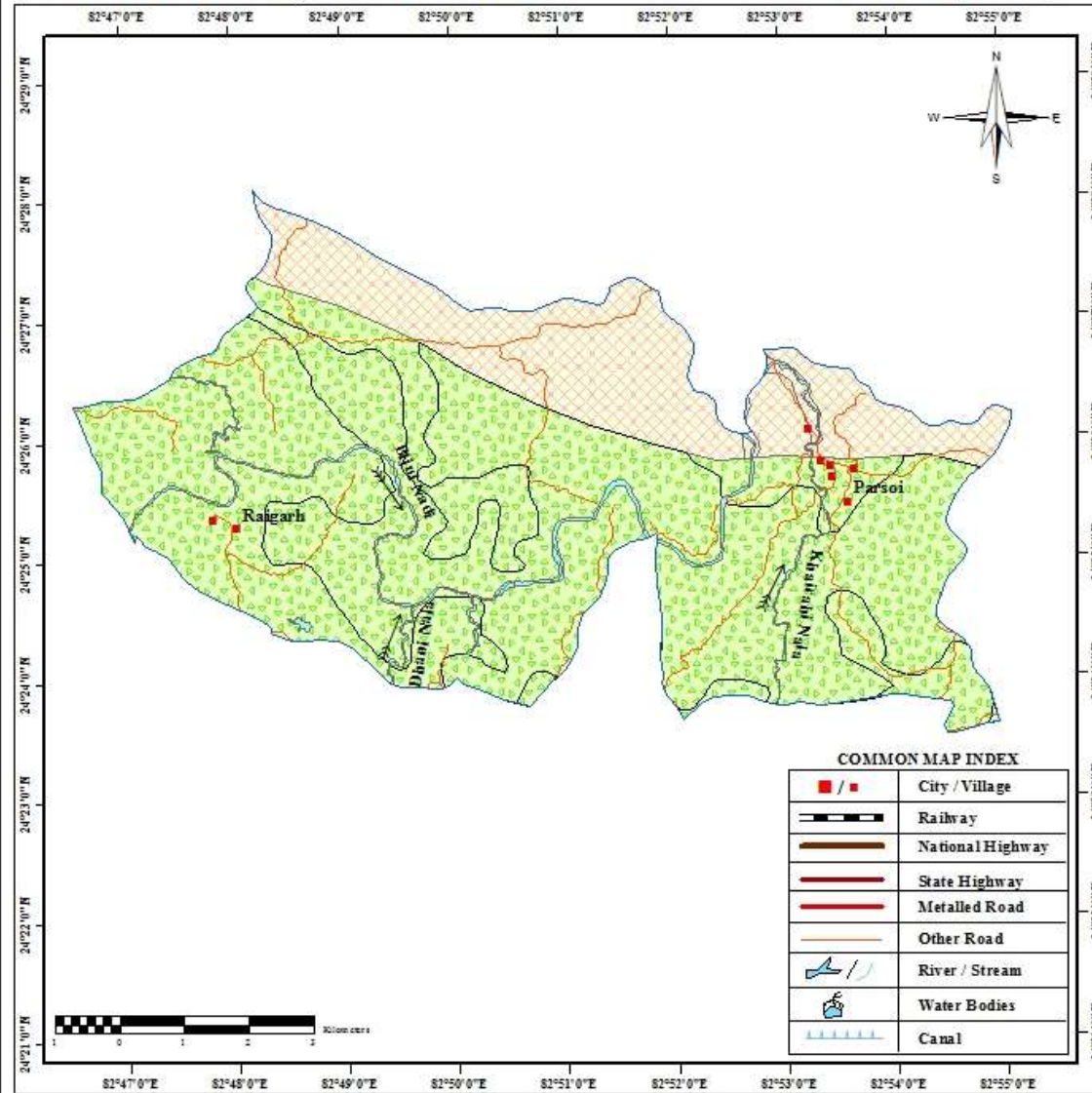
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LITHOLOGY AND STRUCTURE MAP

SONBHADRA DISTRICT, UTTAR PRADESH

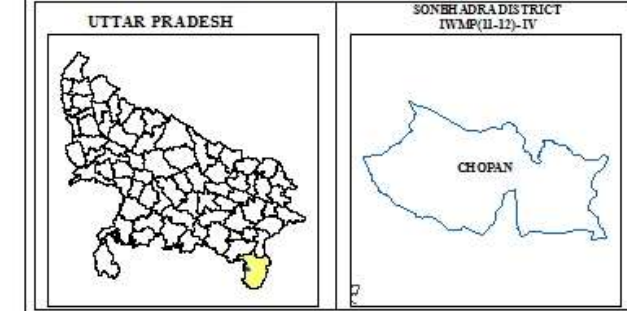
CODE - IWMP (2011-12) - IV




LEGEND

SYMBOL	DESCRIPTION
	Shale with limestone/sandstone bands/lenses
	Undifferentiated Metamorphics
	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



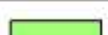

THEMATIC MAPS

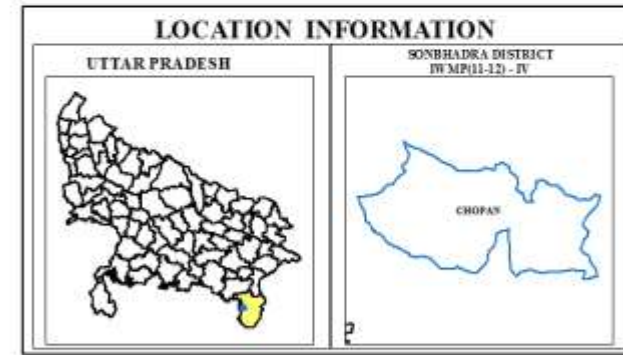
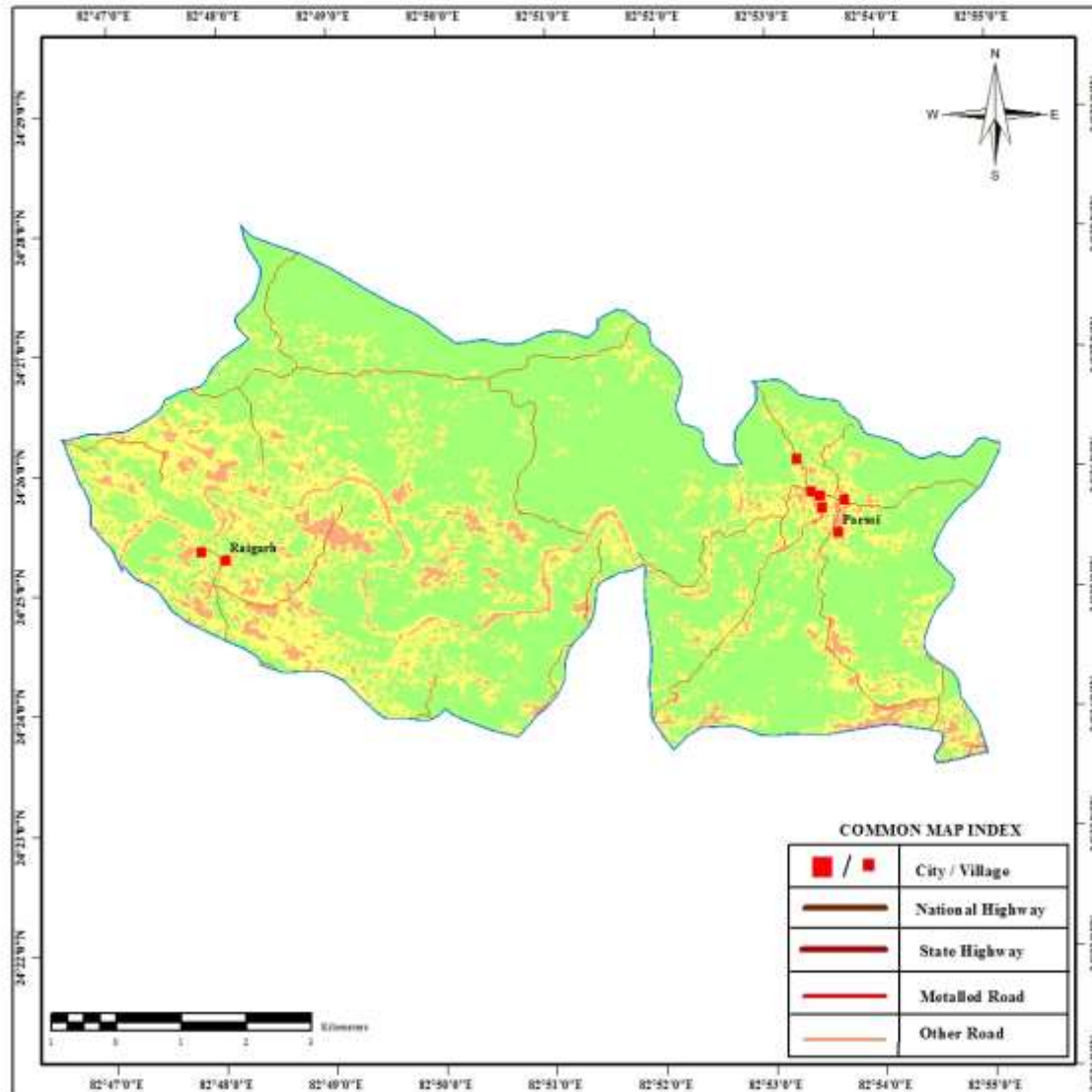
NORMALIZED DIFFERENCE VEGETATION INDEX (NDVI) MAP

SONBHADRA DISTRICT, UTTAR PRADESH

CODE - IWMP (2011-12) - IV

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



COMMON MAP INDEX

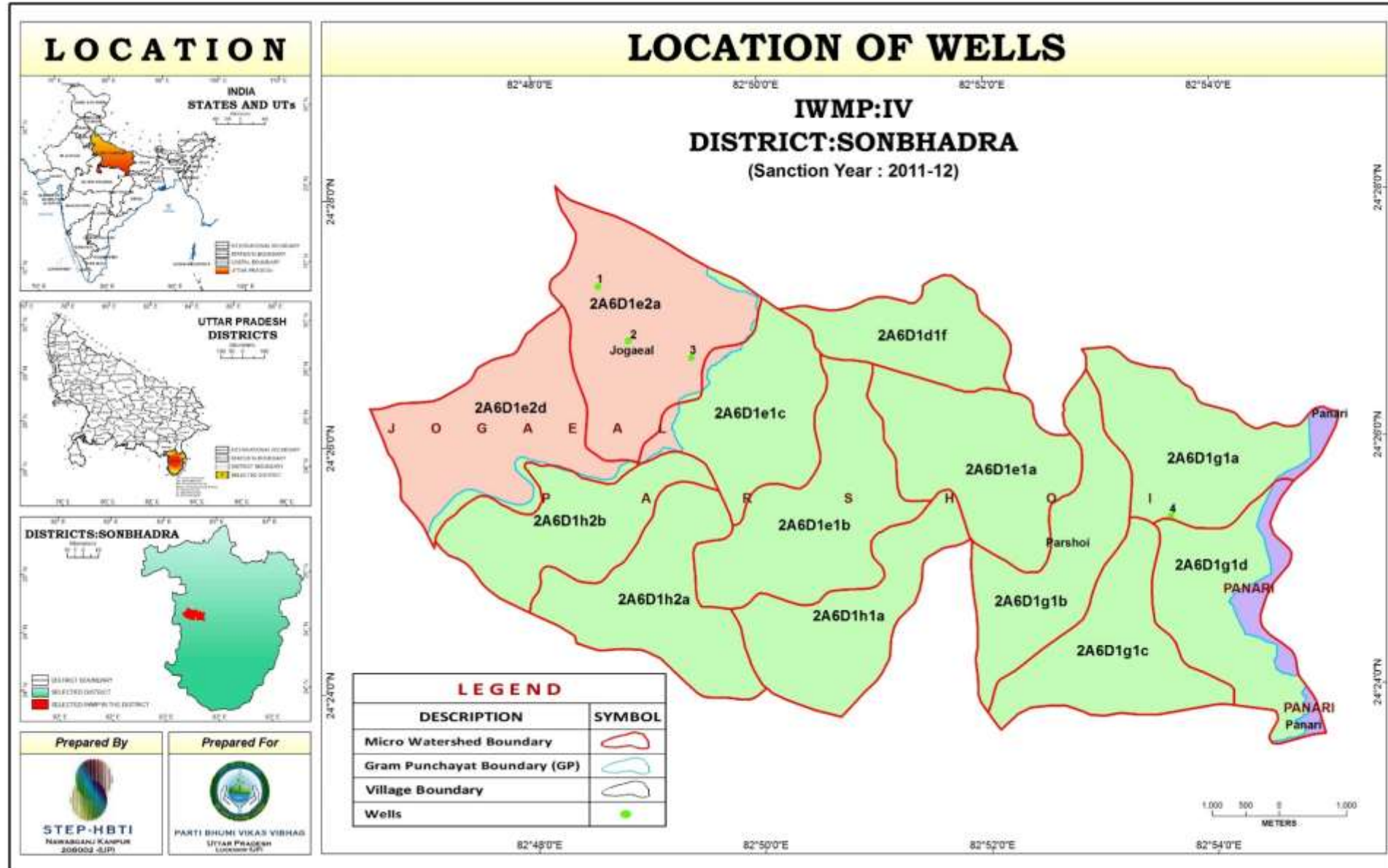
 / 	City / Village
	National Highway
	State Highway
	Metalled Road
	Other Road

PREPARED BY



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

THEMATIC MAPS

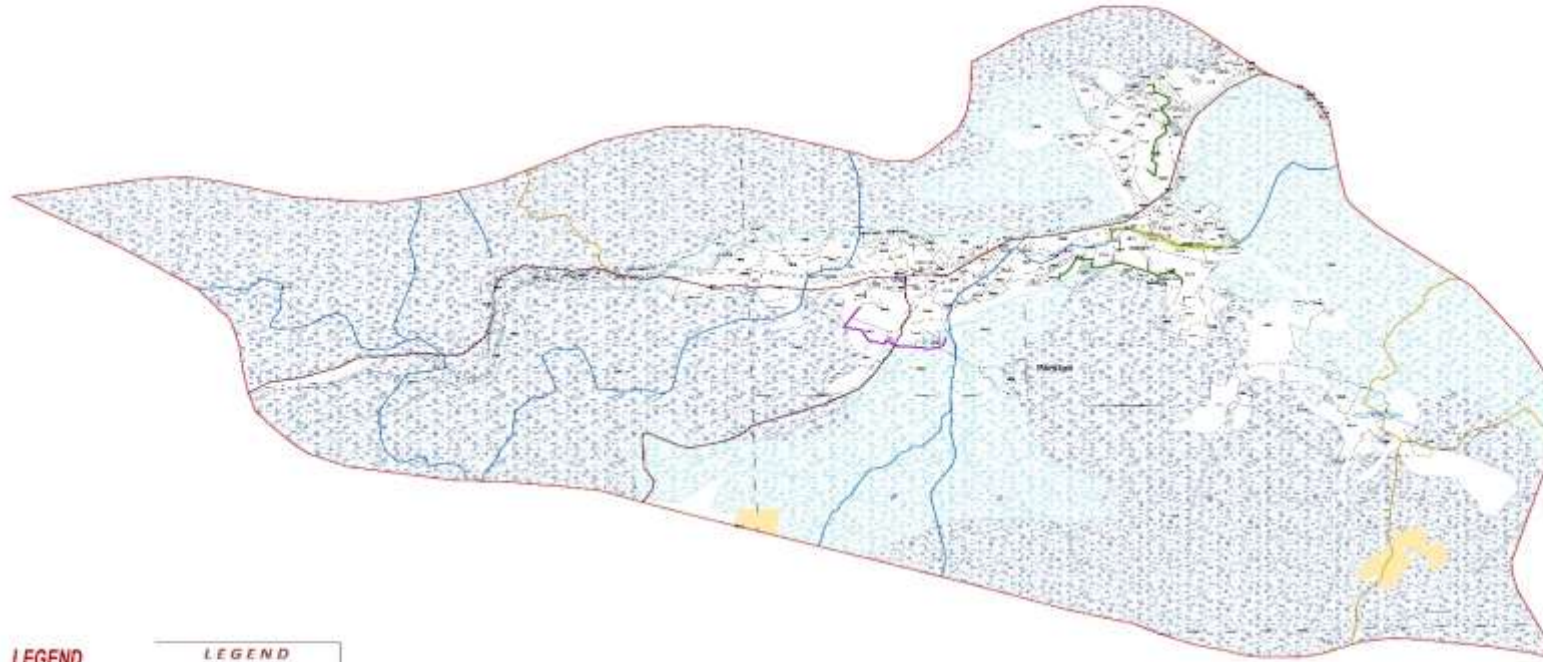




ACTION PLAN MAP

OFFICE : B. S. A., L. D. W. R. DEPARTMENT, IWMP - IV, DISTRICT - SONBHADRA

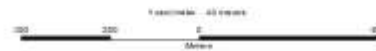
M. WS. CODE	M. WS. NAME	BLOCK	GRAM PUNCHAYAT (GP)	VILLAGE NAME	AREA (ha)
2A601d1f	Chopan	Parshoi	Parshoi	Parshoi	333.04
TOTAL GEOGRAPHICAL AREA OF THIS MICRO WATERSHED					333.04
TOTAL TREATABLE AREA OF THIS MICRO WATERSHED					



LEGEND		LEGEND	
PROPOSED STRUCTURES		EXISTING FEATURES	
DESCRIPTION	SYMBOLS	DESCRIPTION	SYMBOLS
Soil And Waters Conservation Work (SMC)		Micro Watershed Boundary	
Contour Band (CB)		Open Field/land Boundary	
Marginal Band (MB)		Village Boundary	
Peripheral Band (PB)		Cultural Plot	
Water Harvesting Structures (WHS)		Major Road	
Pond		Minor Road	
Masonry Check Dam (MCD)		Railway Line	
ECD		Canal	
ECD with DSW/Pucca Structure		Water Drain	
WHS		Well	
WHS with DSW/Pucca Structure		Plantation	
		Open Field/land	
		Water Canal	
		Canal	
		Canal	
		Bank Area	

DETAILS OF SMC AND WHS UNDER WDW

MWS CODE	VILLAGE	SMC Length (m)			WHS in No.	
		CB	MB	PB	ECD	WHB
2A601d1f	Parshoi	720	339	503	2	2
	Total	720	339	503	2	2



APPROVAL TABLE

OFFICE : B. S. A., L. D. W. R. DEPARTMENT, DISTRICT - SONBHADRA

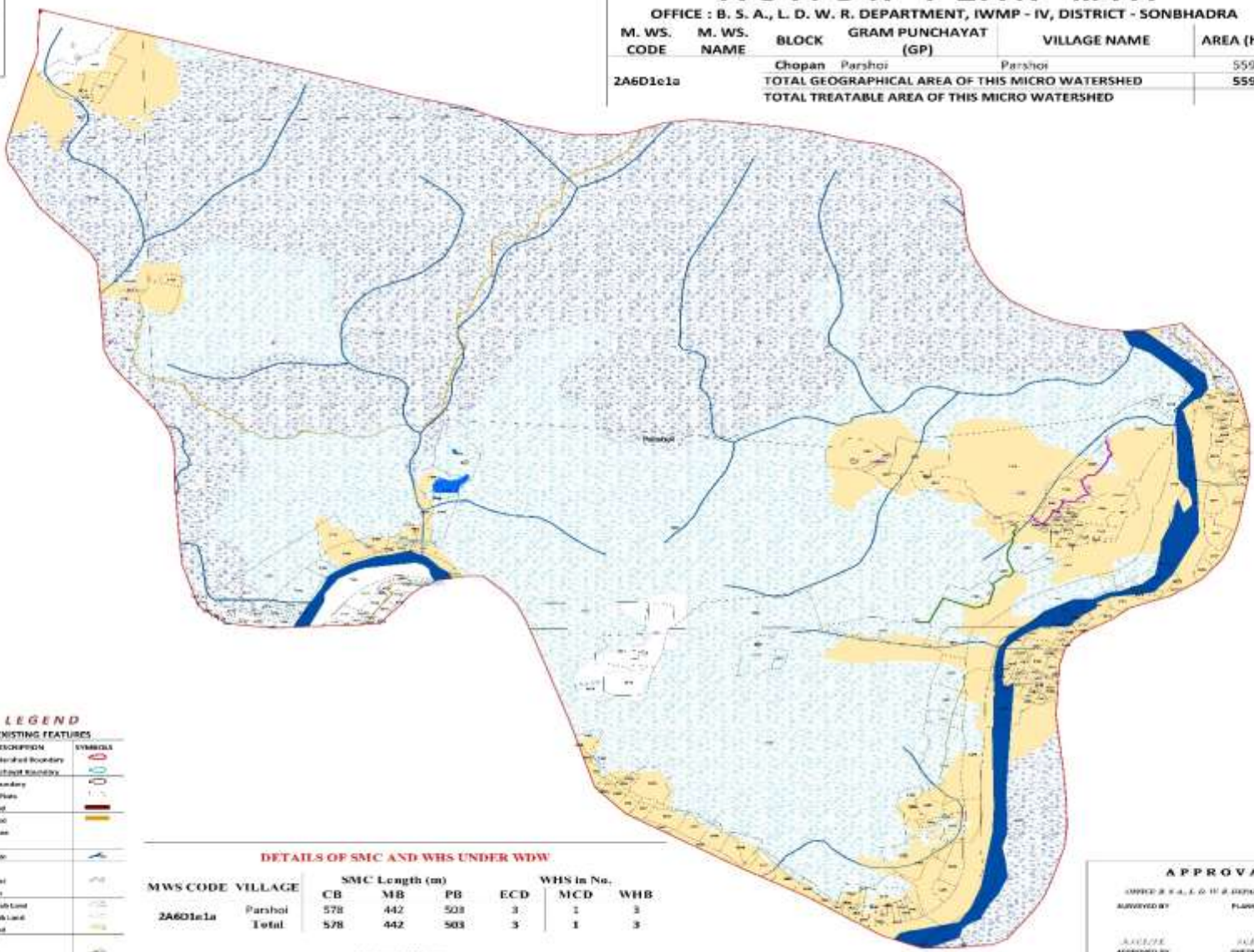
SURVEYED BY	PLANNED BY	PREPARED BY
B.S.A.	S.A.	TRUSTED PERSON
APPROVED BY	CHECKED BY	TECHNICALLY APPROVED BY
B.S.A.	T.A.	D.D.



ACTION PLAN MAP

OFFICE : B. S. A., L. D. W. R. DEPARTMENT, IWMP - IV, DISTRICT - SONBHADRA

M. WS. CODE	M. WS. NAME	BLOCK	GRAM PUNCHAYAT (GP)	VILLAGE NAME	AREA (ha)
2A6D1c1a	Chopan	Parshoi	Parshoi	Parshoi	559.56
TOTAL GEOGRAPHICAL AREA OF THIS MICRO WATERSHED					559.56
TOTAL TREATABLE AREA OF THIS MICRO WATERSHED					



LEGEND		LEGEND	
PROPOSED STRUCTURES		EXISTING FEATURES	
DESCRIPTION	SYMBOLS	DESCRIPTION	SYMBOLS
Soil And Moisture Conservation Work (SMC)		Micro Watershed Boundary	
Contour Bund (CB)		Gram Panchayat Boundary	
Marginal Bund (MB)		Village Boundary	
Perennial Bund (PB)		Cultural Plot	
Water Harvesting Structures (WHS)		Water Pond	
Pond		Railway Line	
Masonry Check Dam (MCD)		Canal	
ECD		Block/Well	
ECD with OSM / Pucca Structure		Field	
WHS		Barren Land	
WHS with OSM / Pucca Structure		Forest	
		Cowshed	
		Barren Land	

DETAILS OF SMC AND WHS UNDER WDW

MWS CODE	VILLAGE	SMC Length (m)				WHS in No.		
		CB	MB	PB	ECD	MCD	WHB	
2A6D1c1a	Parshoi	578	442	503	3	1	3	
	Total	578	442	503	3	1	3	



APPROVAL TABLE

OFFICE : B. S. A., L. D. W. R. DEPARTMENT, IWMP - IV, DISTRICT - SONBHADRA

SURVEYED BY	PLANNED BY	PREPARED BY
APPROVED BY	CHECKED BY	TECHNICAL APPROVED BY
B. S. A.	D. I.	D. I. D.



LEGEND
EXISTING FEATURES

DESCRIPTION	SYMBOLS
Micro Watershed Boundary	[Red outline]
Other Panchayat Boundary	[Green outline]
Village Boundary	[Blue outline]
Contour Lines	[Brown lines]
Major Road	[Red line]
Minor Road	[Orange line]
Water Canal	[Blue line]
Open to soil Land	[Yellow area]
Water Land	[Blue area]
Forest	[Green area]
Contour	[Brown lines]
Drainage	[Blue lines]

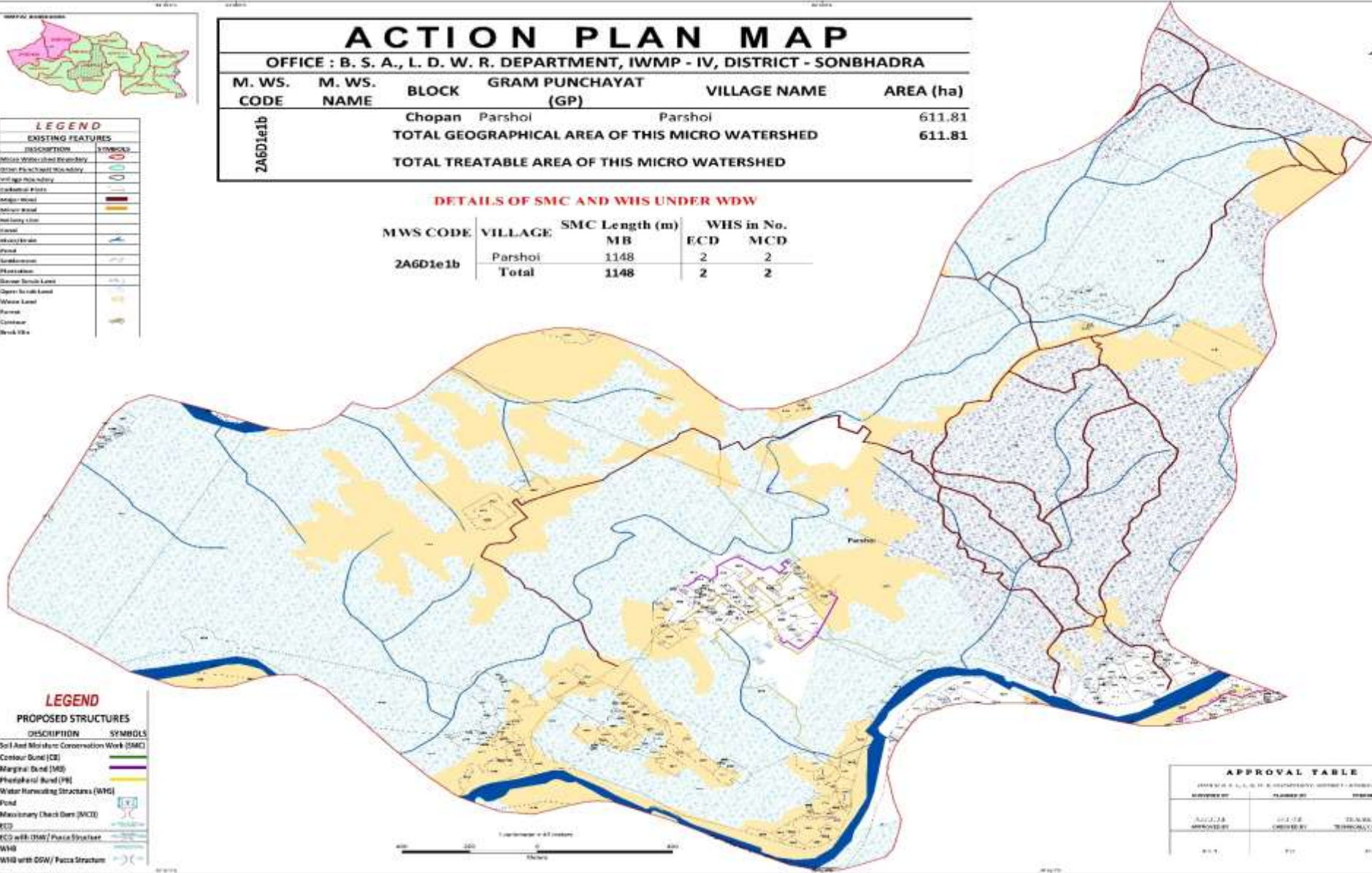
ACTION PLAN MAP

OFFICE : B. S. A., L. D. W. R. DEPARTMENT, IWMP - IV, DISTRICT - SONBHADRA

M. WS. CODE	M. WS. NAME	BLOCK	GRAM PUNCHAYAT (GP)	VILLAGE NAME	AREA (ha)
2A6D1e1b	Chopan	Parshol	Parshol	Parshol	611.81
TOTAL GEOGRAPHICAL AREA OF THIS MICRO WATERSHED					611.81
TOTAL TREATABLE AREA OF THIS MICRO WATERSHED					

DETAILS OF SMC AND WHS UNDER WDW

MWS CODE	VILLAGE	SMC Length (m)		WHS in No.	
		MB	ECD	MCD	
2A6D1e1b	Parshol	1148	2	2	
	Total	1148	2	2	



LEGEND
PROPOSED STRUCTURES

DESCRIPTION	SYMBOLS
Soil And Moisture Conservation Work (SMC)	[Green area]
Contour Bund (CB)	[Green line]
Marginal Bund (MB)	[Purple line]
Perforated Bund (PB)	[Yellow line]
Water Harvesting Structures (WHG)	[Blue line]
Pond	[Blue area]
Masonry Check Dam (MCD)	[Blue structure]
ECD	[Blue structure]
ECD with DMW/ Pucca Structure	[Blue structure]
WHG with DMW/ Pucca Structure	[Blue structure]

APPROVAL TABLE

APPROVED BY	DATE	TECHNICAL APPROVED BY



ACTION PLAN MAP

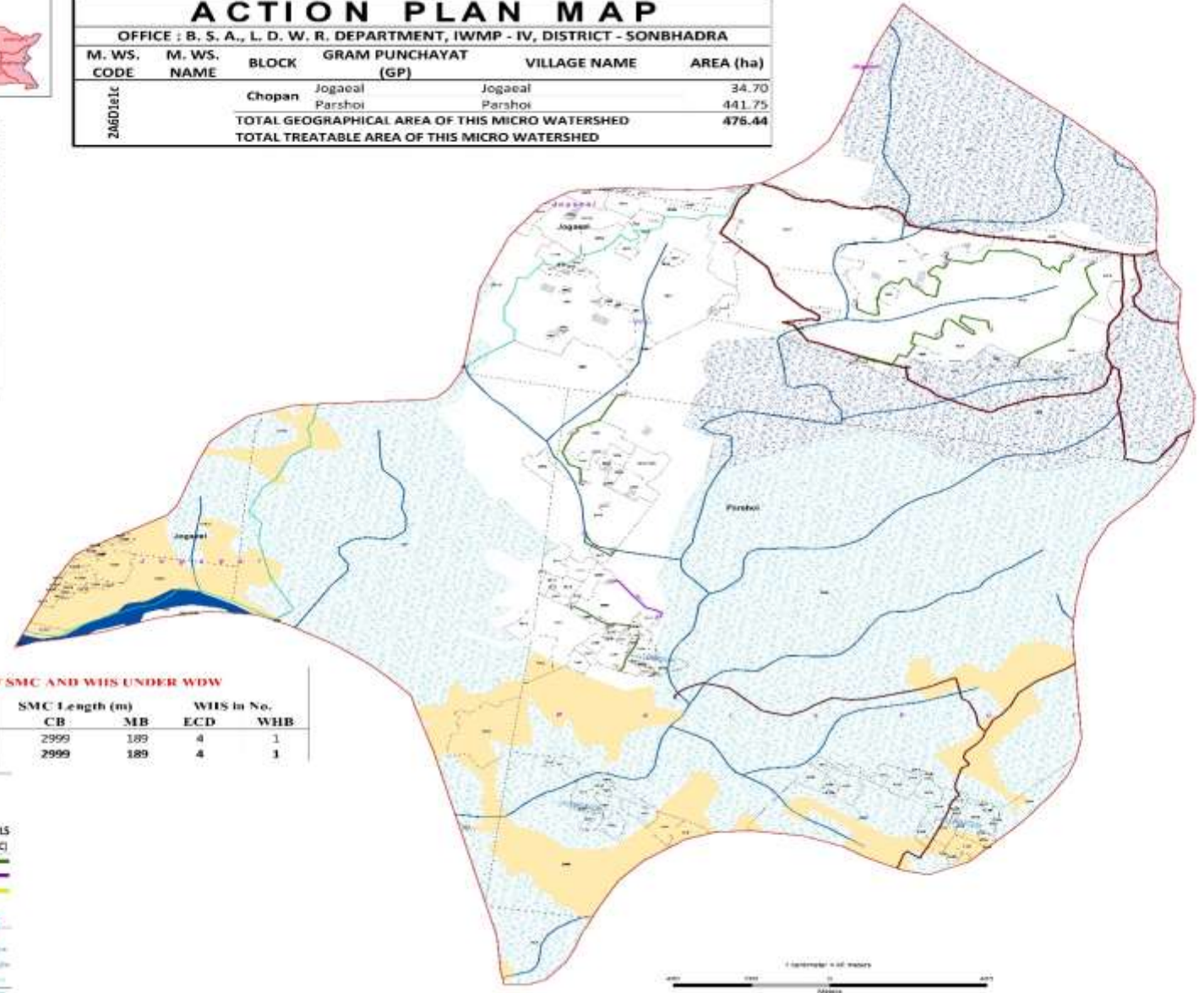
OFFICE : B. S. A., L. D. W. R. DEPARTMENT, IWMP - IV, DISTRICT - SONBHADRA

M. WS. CODE	M. WS. NAME	BLOCK	GRAM PUNCHAYAT (GP)	VILLAGE NAME	AREA (ha)
2AGD1e1c		Chopan	Jogaal	Jogaal	34.70
			Parshoi	Parshoi	441.75
TOTAL GEOGRAPHICAL AREA OF THIS MICRO WATERSHED					476.44
TOTAL TREATABLE AREA OF THIS MICRO WATERSHED					

LEGEND

EXISTING FEATURES

DESCRIPTION	SYMBOLS
Micro Watershed Boundary	[Red dashed line]
Gram Panchayat Boundary	[Blue dashed line]
Village Boundary	[Green dashed line]
Canal/Flume	[Blue line]
Major Road	[Thick black line]
Minor Road	[Thin black line]
Railway Line	[Black line with cross-ticks]
Canal	[Blue line with cross-ticks]
Woods/Block	[Green hatched area]
Block	[Yellow hatched area]
Settlements	[Black dots]
Plantation	[Green hatched area]
Open Scrub Land	[Light green hatched area]
Waste Land	[Light yellow hatched area]
Forest	[Dark green hatched area]
Contour	[Brown dashed line]
Block No.	[Number]



DETAILS OF SMC AND WHS UNDER WDW

MWS CODE	VILLAGE	SMC Length (m)		WHS in No.	
		CB	MB	ECD	WHB
2AGD1e1c	Parshoi	2999	189	4	1
	Total	2999	189	4	1

LEGEND

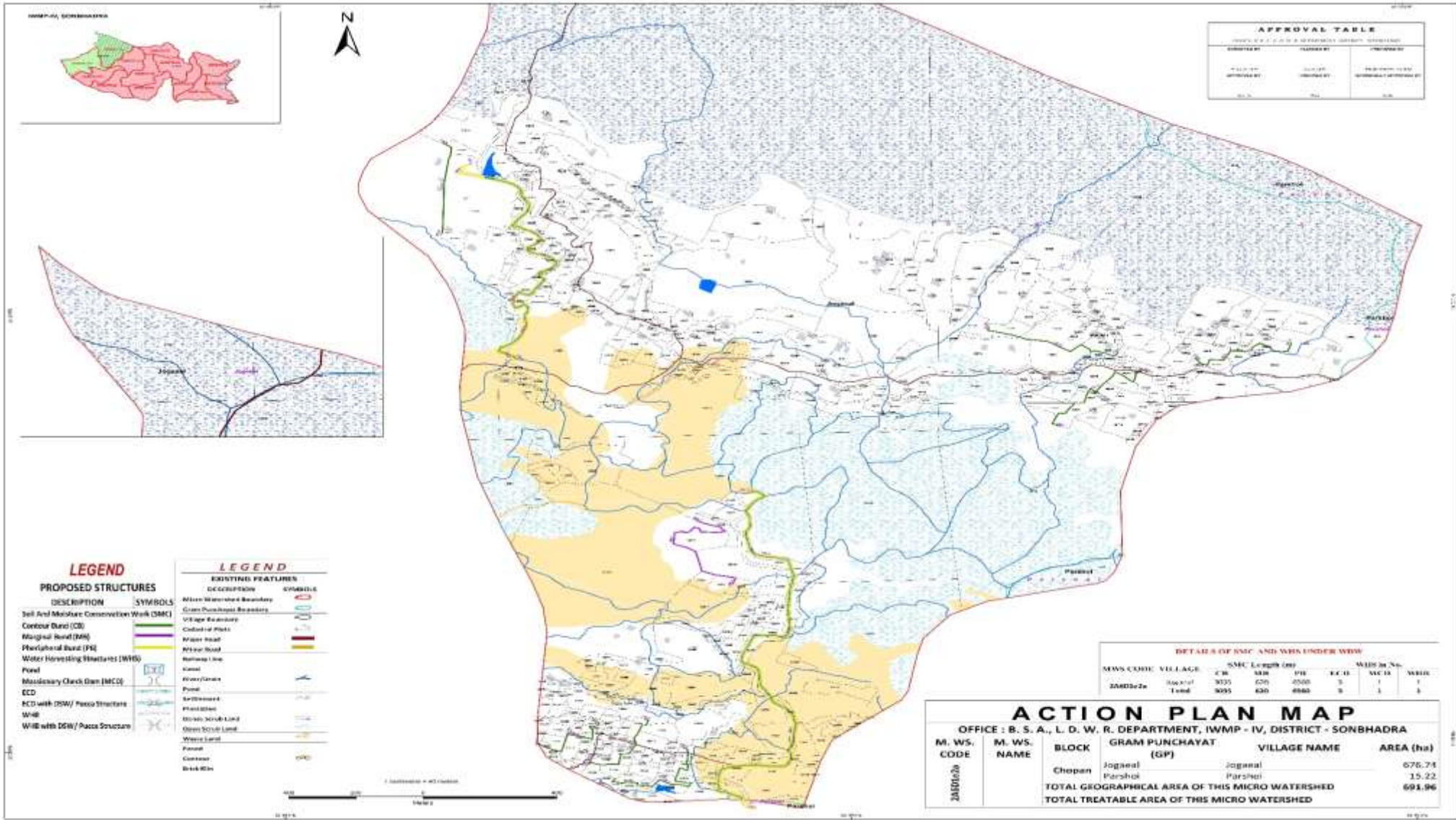
PROPOSED STRUCTURES

DESCRIPTION	SYMBOLS
Soil And Moisture Conservation Work (SMC)	
Contour Band (CB)	[Green line]
Marginal Band (MB)	[Purple line]
Peripheral Band (PB)	[Yellow line]
Water Harvesting Structures (WHS)	
Pond	[Blue rectangle]
Masonry Check Dam (MCD)	[Blue rectangle with cross-ticks]
ECD	[Blue rectangle]
ECD with OSW/ Pucca Structure	[Blue rectangle with cross-ticks]
WHS	[Blue rectangle]
WHS with OSW/ Pucca Structure	[Blue rectangle with cross-ticks]



APPROVAL TABLE

Sl. No.	Name	Signature	Date



APPROVAL TABLE

APPROVED BY:	APPROVED BY:	APPROVED BY:
DATE OF APPROVAL:	DATE OF APPROVAL:	DATE OF APPROVAL:
BY:	BY:	BY:

LEGEND

DESCRIPTION	SYMBOLS
Soil and Moisture Conservation Work (SMC)	[Symbol]
Contour Bund (CB)	[Symbol]
Marginal Bund (MB)	[Symbol]
Peripheral Bund (PB)	[Symbol]
Water Harvesting Structures (WHS)	[Symbol]
Pond	[Symbol]
Masonry Check Dam (MCD)	[Symbol]
ECD	[Symbol]
ECD with (DSW) Passo Structure	[Symbol]
W-4B	[Symbol]
W-4B with (DSW) Passo Structure	[Symbol]

LEGEND

EXISTING FEATURES	DESCRIPTION	SYMBOLS
Micro Watershed Boundary	0754801.6	[Symbol]
Gram Panchayat Boundary	[Symbol]	
Village Boundary	[Symbol]	
Channel or Plot	[Symbol]	
Water Head	[Symbol]	
River Road	[Symbol]	
Railway Line	[Symbol]	
Kanal	[Symbol]	
River/Canal	[Symbol]	
Pond	[Symbol]	
Settlement	[Symbol]	
Plantation	[Symbol]	
Barren Scrub Land	[Symbol]	
Open Scrub Land	[Symbol]	
Waste Land	[Symbol]	
Forest	[Symbol]	
Cultures	[Symbol]	
Block W-4B	[Symbol]	

DETAILS OF SMC AND WHS UNDER WWS

MWS CODE	VILLAGE	CR	MB	PB	CB	MB	WHS No.	WHS
248052a	Chopan	9375	626	4060	3	1	1	1
	Total	9055	630	4060	3	1	1	1

ACTION PLAN MAP

OFFICE : B. S. A., L. D. W. R. DEPARTMENT, IWMP - IV, DISTRICT - SONBHADRA

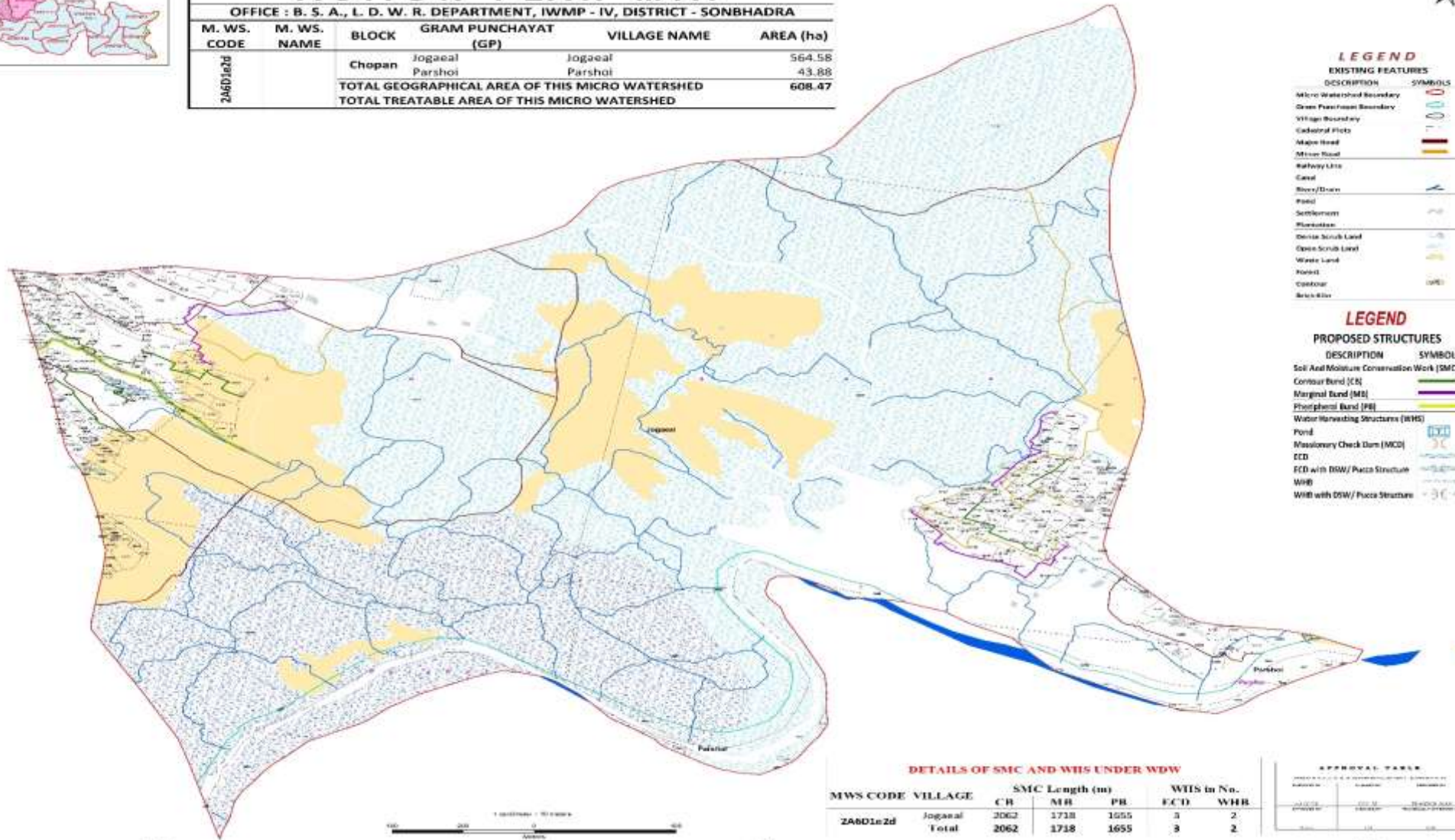
M. WS. CODE	M. WS. NAME	BLOCK	GRAM PANCHAYAT (GP)	VILLAGE NAME	AREA (ha)
248052a	Chopan	Jogpaul	Jogpaul	Jogpaul	676.74
		Parshol	Parshol	Parshol	15.22
TOTAL GEOGRAPHICAL AREA OF THIS MICRO WATERSHED					691.96
TOTAL TREATABLE AREA OF THIS MICRO WATERSHED					



ACTION PLAN MAP

OFFICE : B. S. A., L. D. W. R. DEPARTMENT, IWMP - IV, DISTRICT - SONBHADRA

M. WS. CODE	M. WS. NAME	BLOCK	GRAM PUNCHAYAT (GP)	VILLAGE NAME	AREA (ha)
2A8D1e2d		Chopan	Jogaeal	Jogaeal	564.58
			Parshoi	Parshoi	43.88
TOTAL GEOGRAPHICAL AREA OF THIS MICRO WATERSHED					608.47
TOTAL TREATABLE AREA OF THIS MICRO WATERSHED					



LEGEND
EXISTING FEATURES

DESCRIPTION	SYMBOLS
Micro Watershed Boundary	
Gram Panchayat Boundary	
Village Boundary	
Cadastral Plot	
Major Road	
Minor Road	
Railway Line	
Canal	
Spur/Drain	
Pond	
Settlement	
Plantation	
Dense Scrub Land	
Open Scrub Land	
Waste Land	
Forest	
Cultivar	
Barabhar	

LEGEND
PROPOSED STRUCTURES

DESCRIPTION	SYMBOLS
Soil And Moisture Conservation Work (SMC)	
Contour Band (CB)	
Marginal Band (MB)	
Phosphorus Band (PB)	
Water Harvesting Structures (WHS)	
Pond	
Massonary Check Dam (MCD)	
ECD	
ECD with BSW/ Pucca Structure	
WHB	
WHB with OSW/ Pucca Structure	

DETAILS OF SMC AND WHS UNDER WDW

MWS CODE	VILLAGE	SMC Length (m)			WHS in No.	
		CH	MB	PB	ECD	WHB
2A8D1e2d	Jogaeal	2062	1738	1655	3	2
	Total	2062	1738	1655	3	2

APPROVAL TABLE

Sl. No.	Name	Signature	Date



ACTION PLAN MAP

OFFICE : B. S. A., L. D. W. R. DEPARTMENT, IWMP - IV, DISTRICT - SONBHADRA



M. WS. CODE	M. WS. NAME	BLOCK	GRAM PUNCHAYAT (GP)	VILLAGE NAME	AREA (ha)
2A6D1g1a		Chopan	Panari	Panari	29.98
			Parshoi	Parshoi	498.99
TOTAL GEOGRAPHICAL AREA OF THIS MICRO WATERSHED					528.97
TOTAL TREATABLE AREA OF THIS MICRO WATERSHED					

DETAILS OF SMC AND WHS UNDER WDW

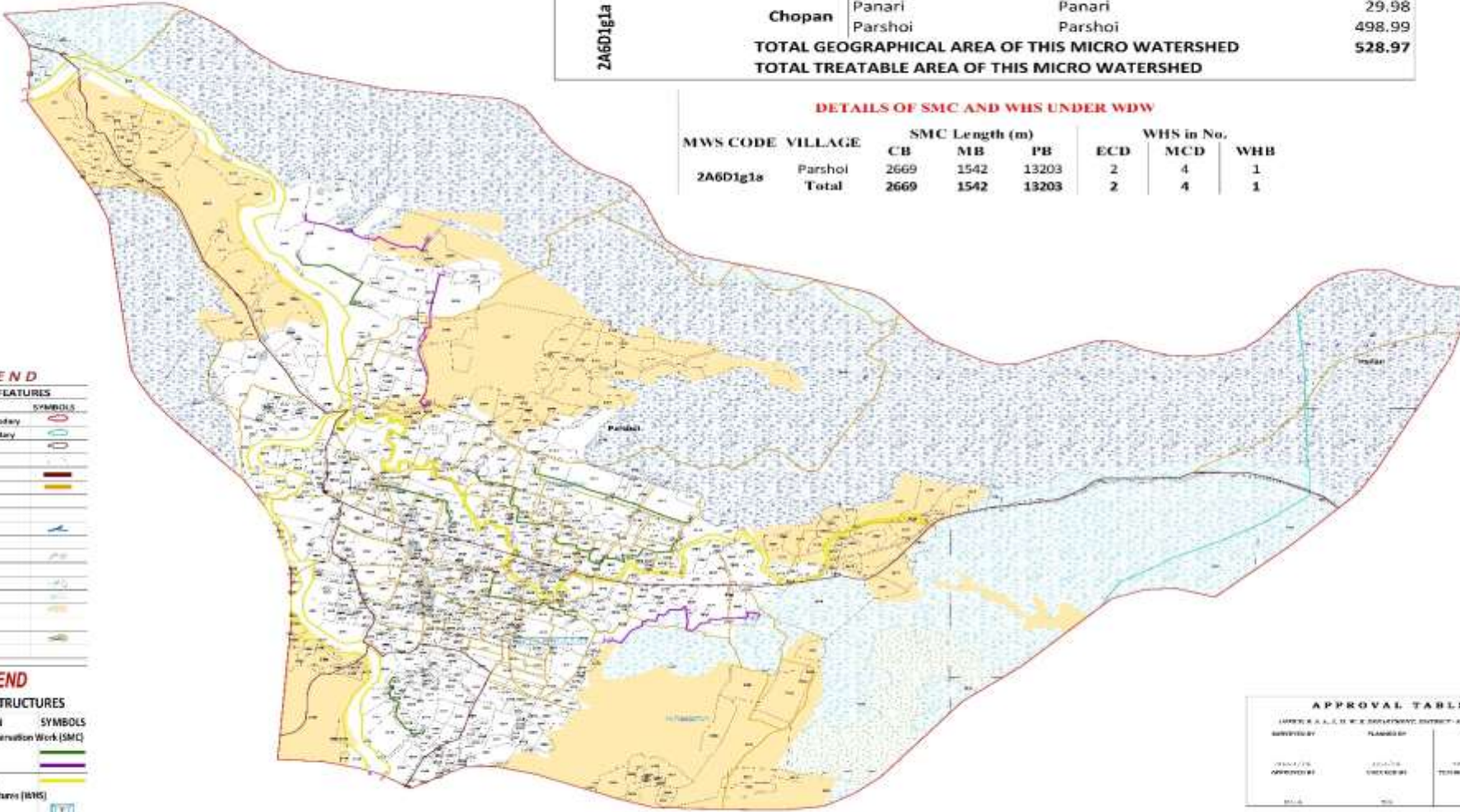
MWS CODE	VILLAGE	SMC Length (m)			WHS in No.		
		CB	MB	PB	ECD	MCD	WHB
2A6D1g1a	Parshoi	2669	1542	13203	2	4	1
	Total	2669	1542	13203	2	4	1

LEGEND

EXISTING FEATURES	
DESCRIPTION	SYMBOLS
Micro Watershed Boundary	[Red dashed line]
Gram Panchayat Boundary	[Green dashed line]
Village Boundary	[Blue dashed line]
Cadastral Plots	[Black dots]
Major Road	[Thick black line]
Minor Road	[Thin black line]
Relieve Line	[Yellow line]
Canal	[Blue line]
Shed/Drain	[Blue line with arrows]
Pond	[Blue circle]
Settlement	[Black dots]
Plantation	[Green area]
Dense Scrub Land	[Dark green area]
Open Scrub Land	[Light green area]
Waste Land	[Yellow area]
Fallow	[Light blue area]
Cultures	[Brown area]
Brick Kiln	[Black square]

LEGEND

PROPOSED STRUCTURES	
DESCRIPTION	SYMBOLS
Soil And Moisture Conservation Work (SMC)	[Green line]
Contour Band (CB)	[Green line]
Marginal Band (MB)	[Purple line]
Perennial Band (PB)	[Yellow line]
Water Harvesting Structures (WHS)	[Blue line]
Pond	[Blue circle]
Missionary Check Dam (MCD)	[Blue rectangle]
ECD	[Blue rectangle]
ECD with DSW / Pucca Structure	[Blue rectangle]
WHB	[Blue rectangle]
WHB with DSW / Pucca Structure	[Blue rectangle]



APPROVAL TABLE

L. D. W. R. DEPARTMENT, DISTRICT - SONBHADRA		
DESIGNED BY	PLANNED BY	PREPARED BY





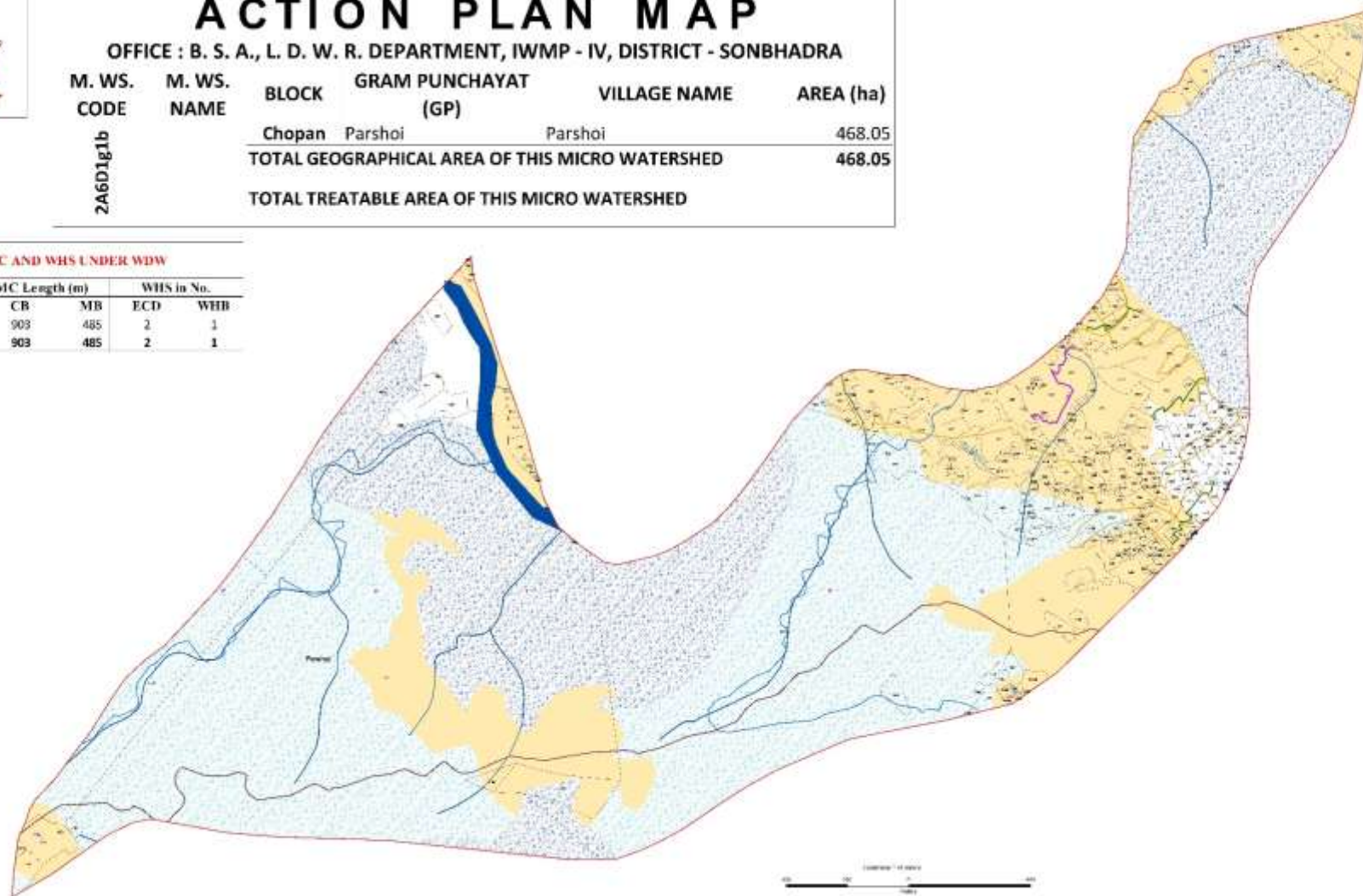
ACTION PLAN MAP

OFFICE : B. S. A., L. D. W. R. DEPARTMENT, IWMP - IV, DISTRICT - SONBHADRA

M. WS. CODE	M. WS. NAME	BLOCK	GRAM PUNCHAYAT (GP)	VILLAGE NAME	AREA (ha)
2A6D1g1b		Chopan	Parshoi	Parshoi	468.05
TOTAL GEOGRAPHICAL AREA OF THIS MICRO WATERSHED					468.05
TOTAL TREATABLE AREA OF THIS MICRO WATERSHED					

DETAILS OF SMC AND WHS UNDER WDW

MWS CODE	VILLAGE	SMC Length (m)		WHS in No.	
		CB	MB	ECD	WHB
2A6D1g1b	Parshoi	903	485	2	1
	Total	903	485	2	1



LEGEND	
EXISTING FEATURES	
DESCRIPTION	SYMBOLS
Micro Watershed Boundary	(Red dashed line)
Block Panchayat Boundary	(Green dashed line)
Village Boundary	(Blue dashed line)
Canal of PDS	(Blue line)
Major Road	(Yellow line)
Minor Road	(Black line)
National High	(Red line)
Canal	(Blue line)
Water Drain	(Blue line)
Pond	(Blue circle)
Settlement	(Black dots)
Plantation	(Green area)
Government Land	(Green area)
Open to Public Land	(White area)
Water Level	(Blue line)
Forest	(Green area)
Cultivable	(Yellow area)
Wetland	(Blue area)

LEGEND	
PROPOSED STRUCTURES	
DESCRIPTION	SYMBOLS
Soil And Watershed Conservation Block (SMC)	(Green area)
Contour Band (CB)	(Green line)
Marginal Band (MB)	(Yellow line)
Plantation Band (PB)	(Green line)
Water Harvesting Structures (WHS)	(Blue structures)
Tonal	(Blue structure)
Masonry Check Dam (MCD)	(Blue structure)
SED	(Blue structure)
SED with OMS / Puzos Structure	(Blue structure)
WHB	(Blue structure)
WHB with OMS / Puzos Structure	(Blue structure)

APPROVAL TABLE		
Sl. No.	NAME	DATE





ACTION PLAN MAP

OFFICE : B. S. A., L. D. W. R. DEPARTMENT, IWMP - IV, DISTRICT - SONBHADRA

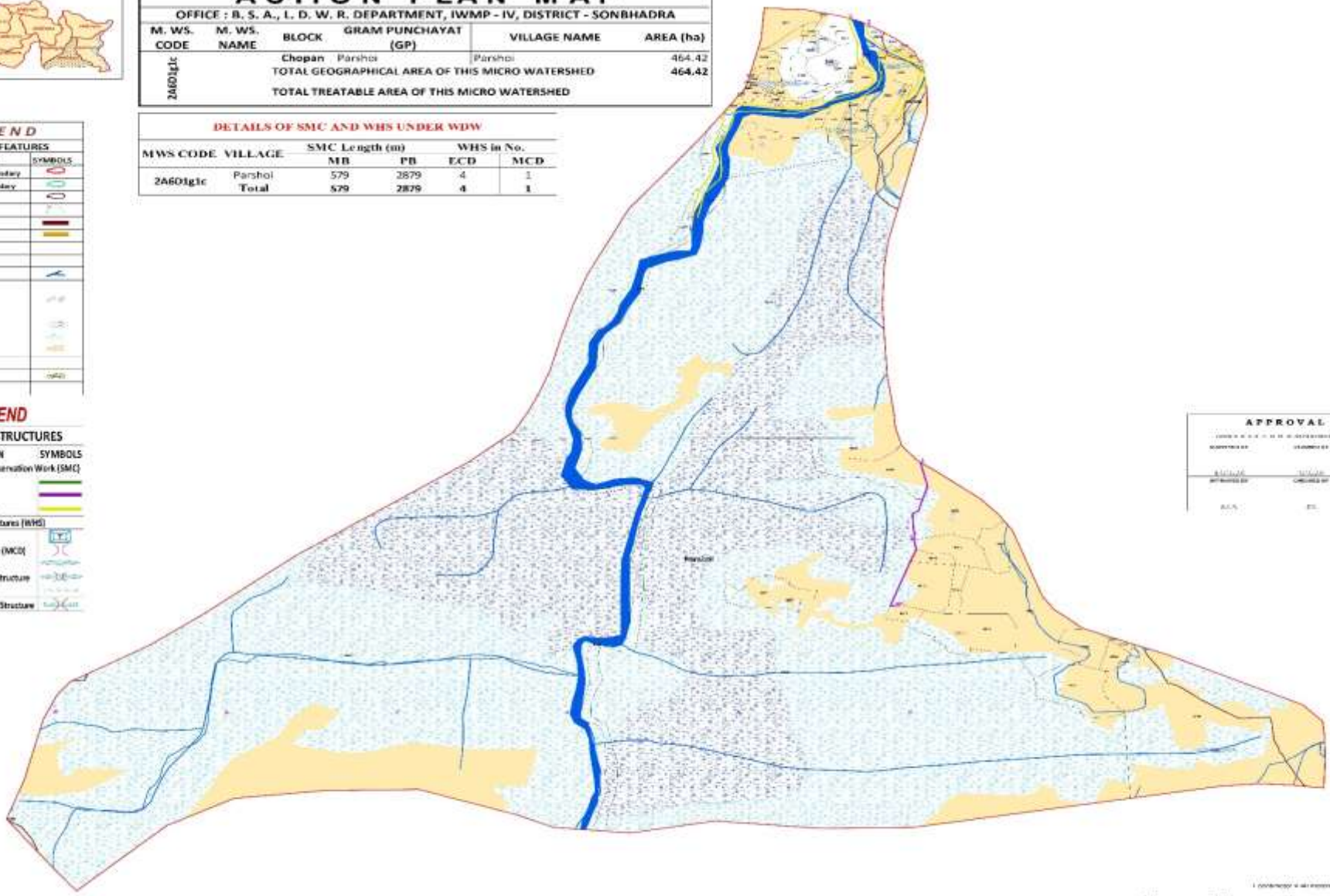
M. WS. CODE	M. WS. NAME	BLOCK	GRAM PUNCHAYAT (GP)	VILLAGE NAME	AREA (ha)
2A601g1c	Chopan	Parshol	Parshol	Parshol	464.42
TOTAL GEOGRAPHICAL AREA OF THIS MICRO WATERSHED					464.42
TOTAL TREATABLE AREA OF THIS MICRO WATERSHED					

DETAILS OF SMC AND WHS UNDER WDW

MWS CODE	VILLAGE	SMC Length (m)		WHS in No.	
		MB	PB	ECD	MCD
2A601g1c	Parshol	579	2879	4	1
Total		579	2879	4	1

LEGEND	
EXISTING FEATURES	
DESCRIPTION	SYMBOLS
Micro Watershed Boundary	
Gram Panchayat Boundary	
Village Boundary	
Cadastral Plot	
Major Road	
Minor Road	
Railway Line	
Canal	
River/Drain	
Pond	
Plantation	
Dense Scrub Land	
Open Scrub Land	
Waste Land	
Forest	
Concrete	
Brick/Kin	

LEGEND	
PROPOSED STRUCTURES	
DESCRIPTION	SYMBOLS
Soil And Moisture Conservation Work (SMC)	
Contour Band (CB)	
Marginal Band (MB)	
Perennial Band (PB)	
Water Harvesting Structures (WHS)	
Pond	
Missionary Check Dam (MCD)	
ECD	
ECD with DSW / Pucca Structure	
WHS	
WHS with DSW / Pucca Structure	



APPROVAL TABLE		
DESIGNED BY	CHECKED BY	APPROVED BY
DATE	DATE	DATE
DESIGNED BY	CHECKED BY	APPROVED BY
DATE	DATE	DATE

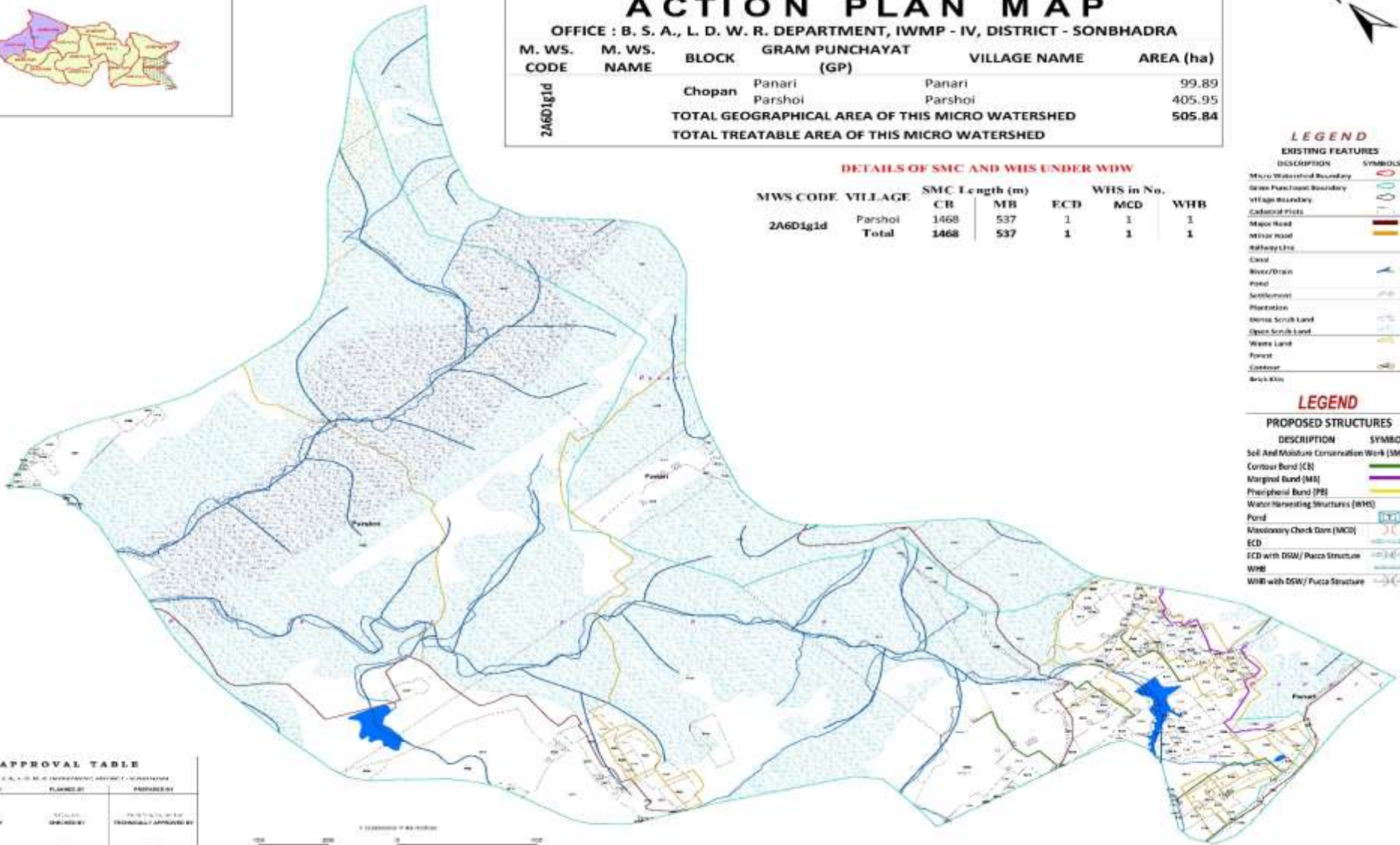




ACTION PLAN MAP

OFFICE : B. S. A., L. D. W. R. DEPARTMENT, IWMP - IV, DISTRICT - SONBHADRA

M. WS. CODE	M. WS. NAME	BLOCK	GRAM PUNCHAYAT (GP)	VILLAGE NAME	AREA (ha)
2A6D1g1d		Chopan	Panari	Panari	99.89
			Parshoi	Parshoi	405.95
TOTAL GEOGRAPHICAL AREA OF THIS MICRO WATERSHED					505.84
TOTAL TREATABLE AREA OF THIS MICRO WATERSHED					



DETAILS OF SMC AND WHS UNDER WDW

MWS CODE	VILLAGE	SMC Length (m)		WHS in No.		
		CB	MB	ECD	MCD	WHB
2A6D1g1d	Parshoi	1468	537	1	1	1
	Total	1468	537	1	1	1

LEGEND

EXISTING FEATURES

DESCRIPTION	SYMBOLS
Micro Watershed Boundary	
Gram Panchayat Boundary	
Village Boundary	
Cadastral Plots	
Major Road	
Minor Road	
Relay Line	
Canal	
River/Drain	
Road	
Settlement	
Plantation	
Dense Scrub Land	
Open Scrub Land	
Waste Land	
Forest	
Contour	
Brick Kiln	

LEGEND

PROPOSED STRUCTURES

DESCRIPTION	SYMBOLS
Soil And Moisture Conservation Work (SMC)	
Contour Band (CB)	
Marginal Band (MB)	
Perennial Band (PB)	
Water Harvesting Structures (WHS)	
Pond	
Masonry Check Dam (MCD)	
ECD	
ECD with DSW/ Pucca Structure	
WHB	
WHB with DSW/ Pucca Structure	

APPROVAL TABLE

DRAWN BY: B. S. A., L. D. W. R. DEPARTMENT, IWMP - IV, DISTRICT - SONBHADRA

APPROVED BY	PLANNED BY	PREPARED BY





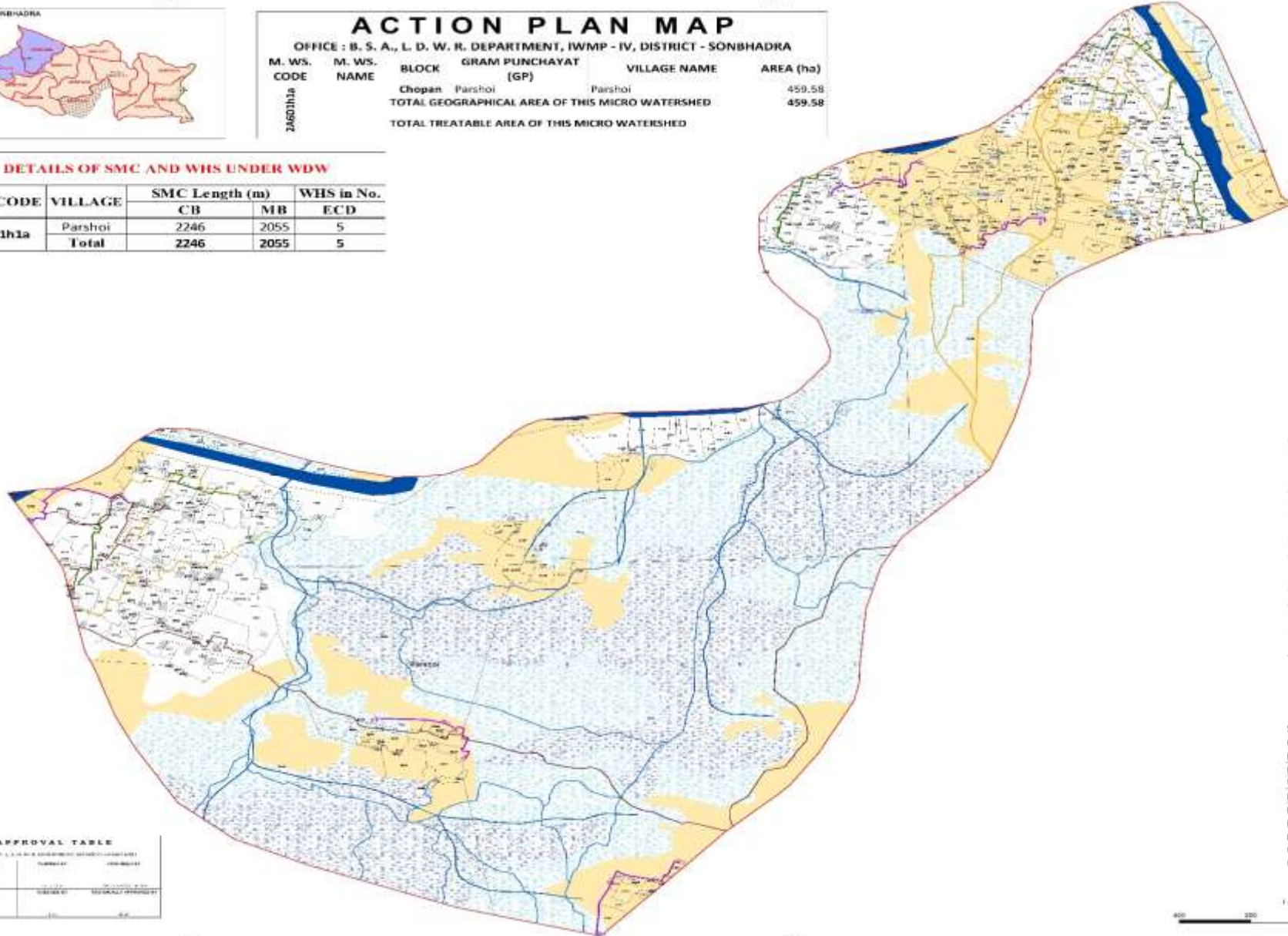
ACTION PLAN MAP

OFFICE : B. S. A., L. D. W. R. DEPARTMENT, IWMP - IV, DISTRICT - SONBHADRA

M. WS. CODE	M. WS. NAME	BLOCK	GRAM PUNCHAYAT (GP)	VILLAGE NAME	AREA (ha)
2A6D1h1a	Parshoi	Chapan	Parshoi	Parshoi	459.58
TOTAL GEOGRAPHICAL AREA OF THIS MICRO WATERSHED					459.58
TOTAL TREATABLE AREA OF THIS MICRO WATERSHED					

DETAILS OF SMC AND WHS UNDER WDW

MWS CODE	VILLAGE	SMC Length (m)		WHS in No.	
		CB	MB	ECD	
2A6D1h1a	Parshoi	2246	2055	5	
	Total	2246	2055	5	



LEGEND

EXISTING FEATURES

DESCRIPTION	SYMBOLS
Micro Watershed Boundary	
Gram Panchayat Boundary	
Village Boundary	
Cadastral Plots	
Major Road	
Minor Road	
Railway Line	
Canal	
River/Stream	
Pond	
Battlement	
Plantation	
Dense Scrub Land	
Open Scrub Land	
Waste Land	
Forest	
Contour	
Brick Kiln	

LEGEND

PROPOSED STRUCTURES

DESCRIPTION	SYMBOLS
Soil And Moisture Conservation Work (SMC)	
Contour Bund (CB)	
Marginal Bund (MB)	
Peripheral Bund (PB)	
Water Harvesting Structures (WHS)	
Pond	
Missionary Check Dam (MCD)	
ECD	
ECD with DSW / Pucca Structure	
WHB	
WHB with DSW / Pucca Structure	

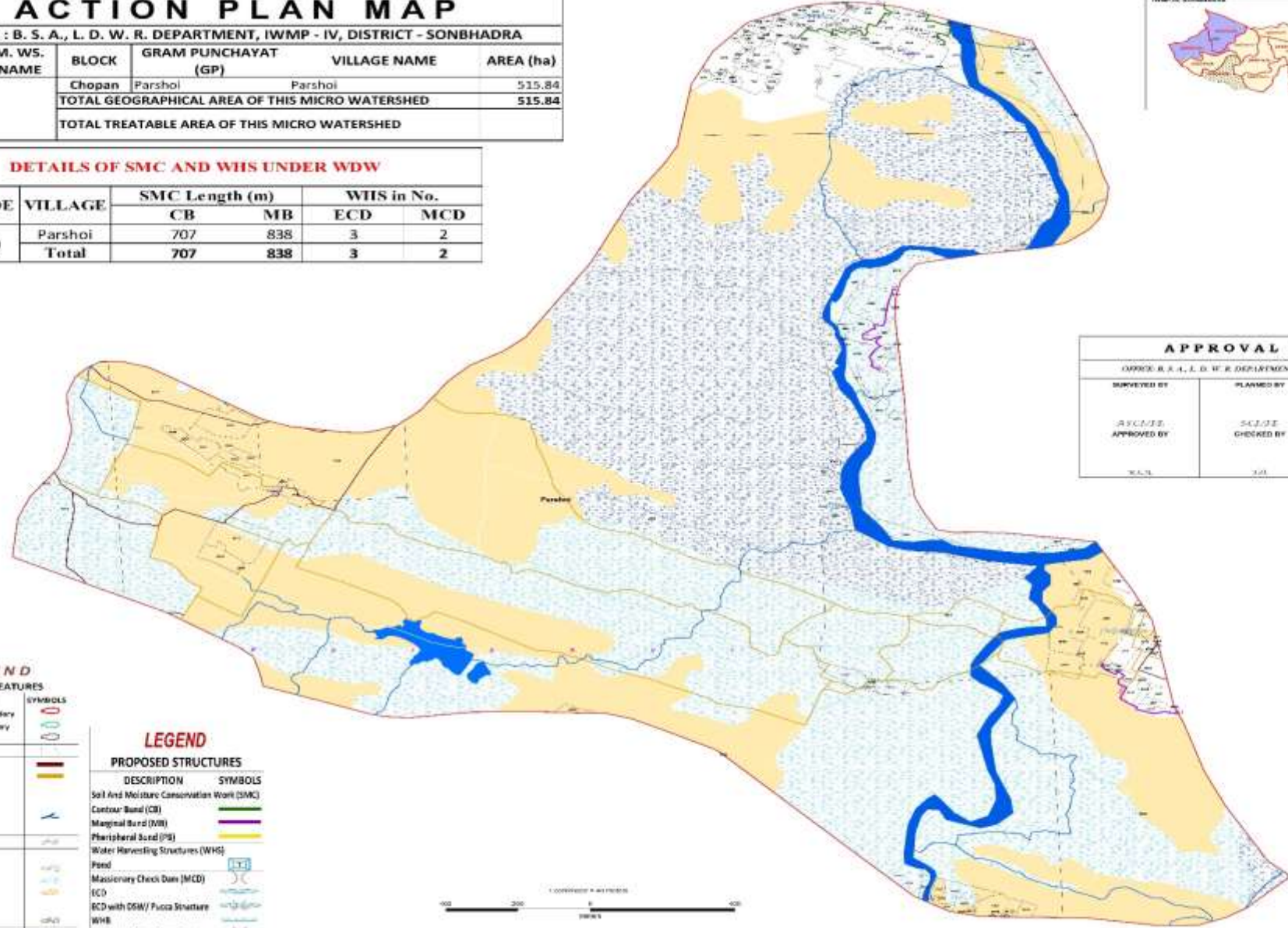
APPROVAL TABLE

Sl. No.	Name	Signature	Date



ACTION PLAN MAP						
OFFICE : B. S. A., L. D. W. R. DEPARTMENT, IWMP - IV, DISTRICT - SONBHADRA						
M. WS. CODE	M. WS. NAME	BLOCK	GRAM PUNCHAYAT (GP)	VILLAGE NAME	AREA (ha)	
2A6D1h2a		Chopan	Parshoi	Parshoi	515.84	
		TOTAL GEOGRAPHICAL AREA OF THIS MICRO WATERSHED				515.84
		TOTAL TREATABLE AREA OF THIS MICRO WATERSHED				

DETAILS OF SMC AND WHS UNDER WDW					
MWS CODE	VILLAGE	SMC Length (m)		WHS in No.	
		CB	MB	ECD	MCD
2A6D1h2a	Parshoi	707	838	3	2
	Total	707	838	3	2



APPROVAL TABLE		
OFFICE : B. S. A., L. D. W. R. DEPARTMENT, DISTRICT - SONBHADRA		
SURVEYED BY	PLANNED BY	PREPARED BY
ASST. COMMISSIONER	SCHEMATIC DESIGNER	TECHNICAL MAN
APPROVED BY	CHECKED BY	TECHNICALLY APPROVED BY
S.A.S.	S.S.	S.S.

LEGEND	
EXISTING FEATURES	
DESCRIPTION	SYMBOLS
Micro Watershed Boundary	
Gram Panchayat Boundary	
Village Boundary	
Cultural Plets	
Major Road	
Minor Road	
Railway Line	
Canal	
Road/Drain	
Field	
Settlement	
Plantation	
Open Scrub Land	
Waste Land	
Forest	
Contour	
Balukhori	

LEGEND	
PROPOSED STRUCTURES	
DESCRIPTION	SYMBOLS
Soil And Moisture Conservation Work (SMC)	
Contour Band (CB)	
Marginal Band (MB)	
Peripheral Band (PB)	
Water Harvesting Structures (WHS)	
Pond	
Missionary Check Dam (MCD)	
ECD	
ECD with OSW/ Pucca Structure	
WHS	
WHS with OSW/ Pucca Structure	

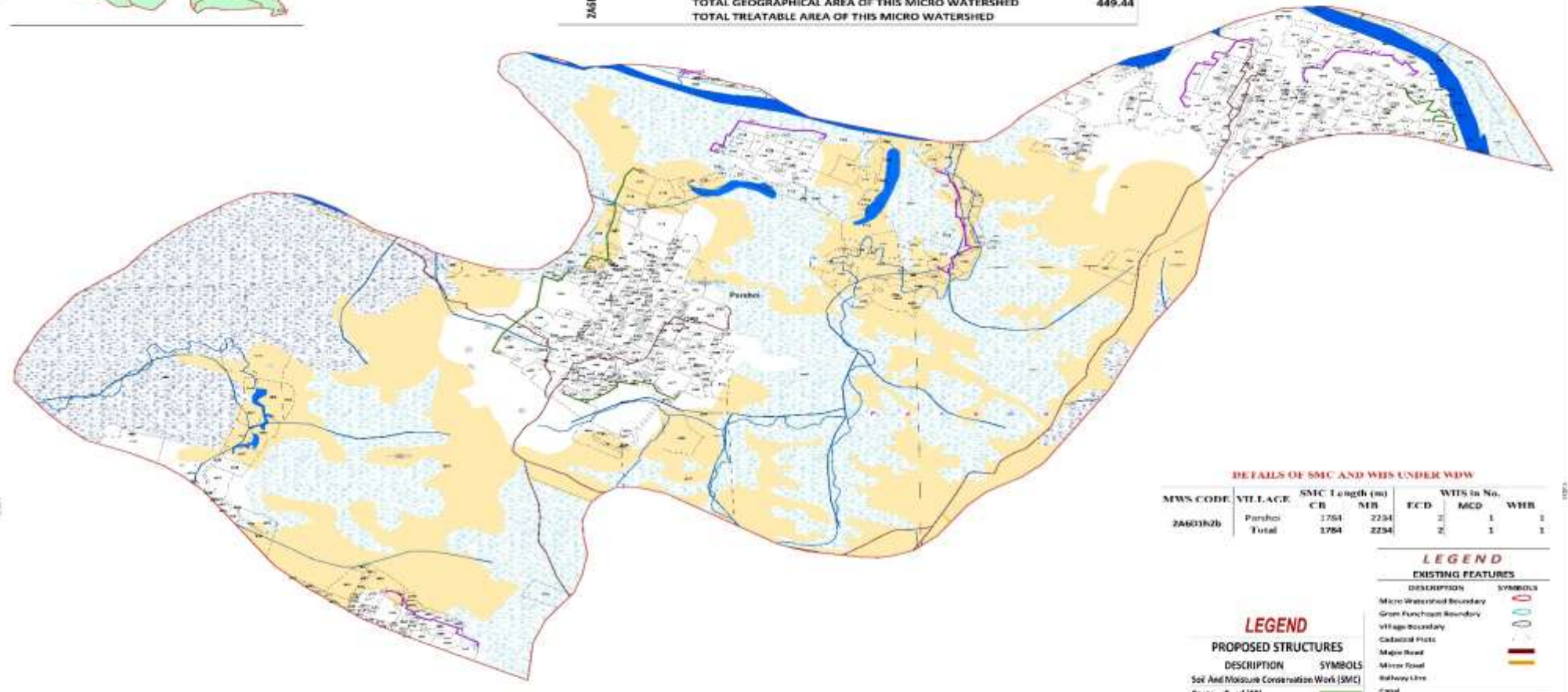




ACTION PLAN MAP

OFFICE : B. S. A., L. D. W. R. DEPARTMENT, IWMP - IV, DISTRICT - SONBHADRA

M. WS. CODE	M. WS. NAME	BLOCK	GRAM PUNCHAYAT (GP)	VILLAGE NAME	AREA (ha)
2460182b	Chopan	Joganaal	Joganaal	Joganaal	0.56
			Parshoi	Parshoi	448.89
TOTAL GEOGRAPHICAL AREA OF THIS MICRO WATERSHED					449.44
TOTAL TREATABLE AREA OF THIS MICRO WATERSHED					



DETAILS OF SMC AND WHB UNDER WDW

MWS CODE	VILLAGE	SMC Length (m)		WHS in No.		
		CB	MB	ECD	MCD	WHB
2460182b	Parshoi	1764	2234	2	1	1
	Total	1764	2234	2	1	1

LEGEND

DESCRIPTION	SYMBOLS
Contour Bund (CB)	
Marginal Bund (MB)	
Peripheral Bund (PB)	
Water Harvesting Structures (WHS)	
Pond	
Missionary Check Dam (MCD)	
ECD with DSW/ Pucca Structure	
WHB	
WHB with OSW/ Pucca Structure	

EXISTING FEATURES	
DESCRIPTION	SYMBOLS
Micro Watershed Boundary	
Gram Panchayat Boundary	
Village Boundary	
Cadastral Plot	
Major Road	
Minor Road	
Railway Line	
Canal	
River/Drain	
Pond	
Settlement	
Market	
Barren Scrub Land	
Open Scrub Land	
Waste Land	
Kuud	
Canal	
Brick Kiln	

APPROVAL TABLE		
DESIGNED BY	APPROVED BY	DATE

