

# Detail Project Report

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## **NEW GENERATION WATERSHED AND SPRINGSHED DEVELOPMENT PROJECTS,2021**

### **Bongaigaon -I/2021-22 (Kujia Pt-I) WDC-PMKSY 2021-22**

Submitted to:

**State Level Nodal Agency, IWMP Assam**

RGB Road, Guwahati

Submitted By:

**Project Implementing Agency,**

Bongaigaon -I/2021-22 (Kujia Pt-I) WDC-PMKSY  
Cum

Divisional Soil Conservation Office, Barpeta Soil Conservation Division,  
Barpeta, Assam

## DETAILED PROJECT REPORT OF IWMP (2021– 2026)

Micro Watershed & Micro Watershed Code No	:	Betbari MWS ( 3A1E8hi)
		Chaprakata MWS ( 3A1E8hii)
		Jokurapara MWS ( 3A1E8hiii)
		Popragaon MWS ( 3A1E8hiv)
IWMP project	:	Bongaigaon -I/2021-22 (Kujja Pt-I) WDC-PMKSY
Block	:	Dangtol
District	:	Bongaigaon
Name of the PIA	:	Divisional Soil Conservation Office, Barpeta Division, Barpeta, Assam

# Table of Contents

<b>Executive Summary</b> .....	<b>5</b>
<i>Briefly About the Area:</i> .....	5
<i>Salient Project activities:</i> .....	7
<i>Photographic View of PRA</i> .....	8
<i>Photographic View of few Interventions Site</i> .....	9
<i>Physical target and financial outlays</i> .....	10
<i>Treatment area and details</i> .....	12
<i>Fact sheet about bench mark indicators and action plan a glance.</i> ....	12
<b>CHAPTER 1</b> .....	<b>15</b>
<i>Introduction and Background</i> .....	15
<b>INTRODUCTION:</b> .....	15
<b>II). PROFILE OF THE WATERSHED PROJECT:</b> .....	15
<i>Table No.1.1 Project at a Glance</i> .....	15
<i>Source: Census Code, Census of India, 2011Project Background:</i> .....	16
<i>Project Background:</i> .....	17
<i>Problems:</i> .....	18
<i>Need and Scope for Watershed Development</i> .....	19
<i>Degradation of soil and water resources is considered not only as an extreme constraint to sustainable agricultural development but also a peril to the society. Poor ecosystem management results in the weaken functioning of watershed; hence there is a need to protect and preserve the quality of the ecosystem.</i> .....	19
<i>Watershed management is the implementation of management systems that guarantee the preservation, conservation and sustainable use of all land and water resources. Watershed management also integrates various aspects of forestry, agriculture, hydrology, ecology, pedology etc. for choosing acceptable management alternative within the specific social and economic context. As mention above, the major problems of the project area are degradation of Natural Resources, soil erosion, siltation etc. and therefore there is a tremendous scope for executing watershed development activities in the watershed area.</i> .....	19
<i>Table No. 1.2 Need and Scope for Watershed Development</i> .....	20
<i>Table no.1.3: Watershed information</i> .....	22
<i>Table No.1.4: Status of other development project in the area</i> .....	23
<i>Table No. 1.5: Status of previous watershed programme</i> .....	24
<b>CHAPTER 2</b> .....	<b>25</b>
<i>General Description of Project Area</i> .....	25

<b>Table 2.1: Location .....</b>	<b>27</b>
Table no: 2.2 Land Details .....	28
Table No. 2.3: Details of the types of areas covered under the project .....	30
<b>Table No. 2.4 Details of Agro-climatic condition .....</b>	<b>31</b>
Table No. 2.5 Details of flood and drought in the project area .....	33
Table No. 2.6: Details of soil erosion in the project area .....	34
Table No. 2.7 Details of the Soil pH .....	35
Table No.2.7.1 Climatic Condition .....	36
Table No. -2.8 Physiographic Features .....	36
Table No. 2.9 Watershed characteristics .....	36
<b>CHAPTER – 3 .....</b>	<b>37</b>
<b>BASE LINE INFORMATION OF WATERSHED .....</b>	<b>37</b>
Table No. 3.1: Demographic features: .....	37
Table No. 3.2: Livestock details: .....	38
Table No.3.3: Socio- economic status: .....	39
Table No. 3.4: Migration Details: .....	40
Table No. 3.5: Details of Community Based Organizations existing in the watershed village: .....	42
Table No. 3.6: Infrastructure Facilities: .....	43
Table No.3.7 Land use pattern (in Hectares) .....	44
Table No. 3.8: Details of Common Property Resources .....	46
Table No. 3.9: Agriculture implements: .....	46
Table No. 3.10: Crop Classification .....	47
Table No. 3.11: Crops & Cropping pattern .....	47
Table No. 3.12: Land capability Classification .....	48
Table No.3.13: Irrigation facilities .....	48
Table No. 3.14: Status of water table .....	49
Table No. 3.16: Surface water resources .....	52
Table No. 3.17 Ground Water Structures to be repaired .....	52
Table No. 3.18: Existing Water Saving Practices .....	53
Table No. 3.19: Details of existing livelihoods .....	53
Table No.3.21 PROBLEM TYPOLOGY OF THE WATERSHED .....	55

<b>CHAPTER – 4</b> .....	<b>57</b>
<i>Institutional Building and Project Management</i> .....	57
<i>Table No. 4.1 Details of SHGs &amp; UGs newly formed under IWMP:</i> .....	57
<i>4.2: Details of Watershed Committees (WC)</i> .....	58
<i>Table No 4.3: WDT Particulars:</i> .....	61
<i>Table No. 4.4: PIA particulars</i> .....	62
<i>Table No. 4.5 Convergence plan with IWMP</i> .....	63
<i>* Institutional Mechanisms:</i> .....	64
<i>4.7 Documents of Agreements:</i> .....	66
<b>CHAPTER – 5</b> .....	<b>71</b>
<i>Management/Action Plan</i> .....	71
<i>Description on methodology of plan adopted</i> .....	71
<i>5.2 Details of Natural Resource Management Activities</i> .....	73
<i>Table No. 5.2.1 Soil and Moisture Conservation structures &amp; Surface Water Treatment</i> .....	73
<i>Table No. 5.2.2 Water Harvesting Structures</i> .....	77
<i>Table No. 5.2.3 Vegetative Covers</i> .....	79
<i>Table No.5.3.1 : Engineering structures for Soil Conservation Measures (SMC)</i> .....	81
<i>Table No.5.3.1 : Engineering structures for Soil Conservation Measures (SMC)</i> .....	81
<i>5.3.2: Details of engineering structures for Water Harvesting WHS</i> .....	81
<i>Table No. 5.3.3: Details of activities connected with vegetative cover in watershed works</i> .....	82
<b>Chapter 6</b> .....	<b>83</b>
<i>Capacity Building Plan (FINANCIAL)</i> .....	83
<i>Table No. 6.1 Details of Capacity Building (Financial) (Rs. in Lakh)</i> .....	83
<b>Chapter 7</b> .....	<b>85</b>
<i>Phasing of programme and Budgeting</i> .....	85
<i>Table No. 7.1: Phasing of the action plan</i> .....	85
<i>Table No. 7.2 Estimated Benefit Cost Ratio</i> .....	94
<i>Table No. 7.2 Estimated Benefit Cost Ratio</i> .....	94
<b>Chapter 8</b> .....	<b>95</b>
<i>Consolidation and completion of various works</i> .....	95
<i>Table No. 8.1: Consolidation of Action Plan</i> .....	95

<b>CHAPTER – 9</b> .....	<b>96</b>
<i>EXPECTED OUTCOMES</i> .....	96
<i>Table No. 9.2: Summarize in the table given below (Quantifiable indicators)</i> .....	96
<i>Table No.9.3: Backward and Forward Linkages</i> .....	98
<b>Appendix-1</b> .....	<b>108</b>
<i>Village Wise Intervention under NRM</i> .....	108
<b>Appendix-II</b> .....	<b>116</b>
<i>Village wise Intervention under Production System</i> .....	116
<i>Appendix-III</i> .....	125
<i>Village Wise Intervention under Livelihood Activities</i> .....	125

## **Executive Summary**

### **Briefly About the Area:**

Bongaigaon-I/2021-22 (Kujia Pt-I) WDC-PMKSY with an area of 4837 Ha. located at about 26.445358 to 26.471294 latitude and 90.542346 to 90.636289 longitude covering 28 numbers of census villages under Dangtol Development Block of Bongaigaon District. The River Brahmaputra is located in the southern boundary of the watershed. Physiographically almost the entire watershed is occupied by an alluvial deposit with flat topography and there is a very gentle slope towards the Brahmaputra river, which makes the southern boundary of the Watershed.

Numbers of perennial streams flows through the watershed area namely Kujia Nadi, Rowmari Nadi. Ekajani Jan, Tekon Jhora. Apart from these rivers there are numbers of wetland located within the watershed namely Hatimutra Beel, Bishpani Beel, Chara Beel, Nayachara Beel, Bhasamari Beel, Kacharani Beel etc. The watershed has soil cover of younger and older alluvial soil which has undergone diversified pedagogical changes. The soil particle of the watershed are sandy to fine loamy. The climatic condition of the watershed is sub-tropical and humid. The average temperature ranges from 15<sup>o</sup> to 30<sup>o</sup>C. The winter season starts by November and continues till February. December/January is the coldest and July/August is the hottest period. The air is highly humid throughout the year and during rainy season, the relative humidity is about 90 percent..

As per 2011 census there are 5242 household in the watershed area. The total population of the watershed area is about 23884 of which 11858 are male and 12026 are female. The population density of the project area is about 108 per sq. km. There are 11.69 % population are belongs to Scheduled caste and 11.36 % are Scheduled Tribes population.

Agriculture is the principal occupation and more than 85% of the total population depends on it. Irrigation is largely rain-fed, with mechanized shallow tube wells. Paddy is the major crop occupies more than 70% of gross cropped area followed by mustard, blackgram, potato and maize. Vegetables and fruits are also cultivated in moderate scale. Piggery, poultry, goat rearing, fishery and sericulture are major agricultural allied activities in the watershed area.

## INSTITUTIONAL ARRANGEMENTS:

### Watershed Cell cum Data Centre :

Under the State Level Nodal Agency, Assam there is a Watershed Cell cum Data Centre in Bongaigaon District headed by Deputy Commissioner as Chairman and Divisional Soil Conservation Officer, Barpeta Soil Conservation Division as Project Manager with all line department as members.

### Project Implementing Agency:

Under the WCDC, Bongaigaon, Barpeta Soil Conservation Division is selected as Project Implementing Agency (PIA) for this watershed project. The Barpeta Soil Conservation Division is a multi disciplinary organization comprising of Agriculture/Civil Engineering, Forestry, Agronomy and Soil Science. The organization deals with various land and water management programme on river training engineering works, management of waste land, wetlands/ marshy land, degraded land etc.

### Watershed Development Team:

The Project Implementing Agency (PIA) has already setup a Watershed Development Team (WDT).

The details of WDT as follows-

Sl. No.	Name of WDT Member	Designation & Office Address	Phone No. & email ID	Remarks
1	Mihir Roy	Range Officer Sorbhog S.C. Range Sorbhog & I/C. Range Officer, Gouripur SC Range, Alomganj	9435714511	Team Leader
2	Hemanta Deka	Junior Engineer o/o DFDO Bongaigaon	9101100522 Hemantadeka958@gmail.com	Member
3	Dr. Mridul Nath	Veterinary Officer State Vety Dispensary, Bidyapur	7002324548 drmridulnath@gmail.com	Member
4	Smti. Purnima Mahanta	CDPO Child Dev., Project office, Dangtol, Bidyapur	9101240833	Member
5	Shri Bipul Das	Forester-I, Divisional Forest officer, Bongaigaon S.F Division	7002254144	Member
6	Dewan Muajjam Hussain	Co Corporation Marketing inspector, o/o the Asstt. Director of Sericulture, Bongaigaon	9954266860	Member
7	Miss Rita Devi	Junior Engineer, o/o the E.E Bongaigaon (Abhayapur North) Division (irri)	8876265987	Member
8	Abul Kalam Azad	Inspector @O/O the Superintendent H & T, North Salmara, Abhayapuri	9957257158 Abulkalam99579571@gmail.com	Member

### **Watershed Committee:**

There are four numbers of Micro-Watershed in the area. Thus, four numbers of Watershed Committee has formed and details of Watershed Committee are enclosed in Table No 4.2.

### **Self Help Group (SHG) & User Group (UG):**

There are 35 User Group (under NRM activities & under Production System) has been formed and 750 numbers of Self Help Group (SHG) created (for Livelihood Activities & under Production System)).

### **Farmer Producers Organization (FPO):**

The Agriculture Department, has already initiated for creation of a Farmer Producer Organization in the Watershed area. As various farming activity has propose under production system component, there is a possibility to create more Farmer Producer Organization in the watershed area.

### **Salient Project activities:**

<b>Component</b>	<b>Activities proposed</b>
Entry Point Activities	<ul style="list-style-type: none"><li>• Development of community Pond</li><li>• Farmer Rest Shed</li><li>• Installation of Tara Hand Pump</li></ul>
Natural Resource Management	<ul style="list-style-type: none"><li>• Water Harvesting Structure<ul style="list-style-type: none"><li>(i) Pond</li><li>(ii) Development of Pond</li><li>(iii) RCC Check Dam</li></ul></li><li>• Soil Moisture Conservation<ul style="list-style-type: none"><li>(i) Agril Bund</li><li>(ii) Brick Canal</li></ul></li><li>• Vegetative Cover<ul style="list-style-type: none"><li>(i) Horticulture Plantation</li></ul></li></ul>
Production System	<ul style="list-style-type: none"><li>• Fishery</li><li>• Apple Bear Cultivation</li><li>• Assam Lemon Cultivation</li><li>• Papaya Cultivation (Red Lady)</li><li>• Strawberry Cultivation</li><li>• Banana Cultivation</li><li>• Vermi Composting</li></ul>
Livelihood Activities	<ul style="list-style-type: none"><li>• Goatry</li><li>• Poultry</li><li>• Duckery</li><li>• Broiler Farm</li><li>• Supari Making Unit</li></ul>

## Photographic View of PRA





**Photographic View of few Interventions Site**

### Physical target and financial outlays

Component	Activities	Unit	Unit Cost	1 year		2nd year		3rd year		4th year		5th year		Total	
			(Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
<b>Entry Point Activities (2%)</b>															
a)	Waiting shed at Bongaigaon Dewri Para	No.	40000	1	4.0000	0	0	0	0	0	0	0	0	1.00	4.00
b)	Waiting shed at Popragaon Part-I	No.	40000	1	4.0000	0	0	0	0	0	0	0	0	1.00	4.00
c)	Farmer Rest Shed at Bhati Para - Part-II	No.	40029	1	4.0029	0	0	0	0	0	0	0	0	1.00	4.00
d)	Farmer Rest Shed at Bakhara Para Part-I	No.	40029	1	4.0029	0	0	0	0	0	0	0	0	1.00	4.00
<b>Sub Total of Entry Point Activity</b>				<b>4.00</b>	<b>16.01</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>4.00</b>	<b>16.01</b>
<b>Productivity Enhancement - Production system &amp; Micro Enterprises (15%)</b>															
a)	Apple Bear Cultivation	NO	44000	7	3.08	12	5.28000	16	7.04	13	5.72	6	2.640	54	23.76
b)	Assam Lemon Cultivation	NO	44000	3	1.32	14	6.16000	24	10.56	12	5.28	3	1.320	56	24.64
c)	Bananna Cultivation	NO	44000	0	0	7	3.08000	32	14.08	14	6.16	0	0.000	53	23.32
d)	Fishery	NO	44000	4	1.76	14	6.16000	18	7.92	14	6.16	4	1.760	54	23.76
e)	Papaya Cultivation (Red Lady)	NO	44000	4	1.76	7	3.08000	19	8.36	24	10.56	1	0.440	55	24.20
f)	Vermi Composting	NO	18172	0	0	1	0.18172	0	0	1	0.18172	0	0.000	2	0.36
<b>Sub-Total PE</b>				<b>18</b>	<b>7.92</b>	<b>55</b>	<b>23.94172</b>	<b>109</b>	<b>47.96</b>	<b>78</b>	<b>34.06172</b>	<b>14</b>	<b>6.16</b>	<b>274</b>	<b>120.04</b>
<b>Enterprise Promotion - Livelihood Activities for Assetless Poor (15%)</b>															
a)	Broiler Farming Unit	NO	25000	7	1.75	10	2.50	18	4.50	20	5.00	4	1.00	59	14.750
b)	Dairy	NO	25000	4	1	8	2.00	10	2.50	11	2.75	3	0.75	36	9.000

Component	Activities	Unit	Unit Cost (Rs.)	1 year		2nd year		3rd year		4th year		5th year		Total		
				Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	
c)	Duckery	NO	25000	7	1.75	12	3.00	40	10.00	37	9.25	6	1.50	102	25.500	
d)	Goatry	NO	25000	4	1	11	2.75	35	8.75	22	5.50	3	0.75	75	18.750	
e)	Piggery	NO	25000	6	1.5	12	3.00	24	6.00	15	3.75	6	1.50	63	15.750	
f)	Poultry	NO	25000	3	0.75	19	4.75	46	11.50	35	8.75	6	1.50	109	27.250	
g)	Weaving Centre	NO	25000	0	0	8	2.00	19	4.75	4	1.00	4	1.00	35	8.750	
h)	Supari Making	NO	14672	2	0.29344	0	0.00	0	0.00	0	0.00	0	0.00	2	0.293	
<b>Sub-Total LA</b>				<b>33</b>	<b>8.04344</b>	<b>80</b>	<b>20</b>	<b>192</b>	<b>48</b>	<b>144</b>	<b>36</b>	<b>32</b>	<b>8</b>	<b>481</b>	<b>120.043</b>	
<b>Natural Resource Management (47%)</b>																
<b>I</b>	<b>WHS (MI Works)</b>															
a)	Pond	SQM	233	0	0	4300	10.019	2600	6.058	0	0.00	5550	12.932	12450	29.01	
b)	Development of community pond	CUM	233	0	0	0	0.000	4000	9.320	0	0.00	0	0.000	4000	9.32	
c)	RCC check Dam	SQM	62700	78	48.906	82	51.414	46	28.842	0	0.00	0	0.000	206	129.16	
d)	Drainage Channel	RM	330	5500	18.15	0	0.000	2895	9.554	0	0.00	0	0.000	8395	27.70	
<b>II</b>	<b>Soil Moisture Conservation (SMC)</b>															
a)	Agril Bund	RM	567	800	4.536	4650	26.366	0.00	0.000	2150	12.19	0	0.000	7600	43.09	
b)	Agril Bund (with Slab Culvert)	RM	567	1400	7.938		0.000	0	0.000	0	0.00	0	0.000	1400	7.94	
c)	Brick Canal (Slab Culvert)	RM	2560	0	0	0	0.000	0	0.000	0	0.00	250	6.400	250	6.40	
d)	Brick Canal	RM	2560	1800	46.08	1430	36.608	700	17.920	360	9.22	0	0.000	0	109.82	
<b>III</b>	<b>Vegetative Covers</b>															
a)	Horticulture Plantation	Hec	24150	1.00	8836	2.4363389	1.50	718	3.640	1.794	62	1.0775	0.279	8092	5.6679	
				777	8	79.53	104	62	124.4065	1024	1	71.6935	2510	21.4065	5800	19.3315
	<b>Sub Total NRM:</b>			<b>777</b>	<b>8</b>	<b>79.53</b>	<b>104</b>	<b>62</b>	<b>124.4065</b>	<b>1024</b>	<b>1</b>	<b>71.6935</b>	<b>2510</b>	<b>21.4065</b>	<b>5800</b>	<b>19.3315</b>

## Treatment area and details

SL No	Particulars	Area (in Ha)
1	Rain-fed area	3637.68
2	Cultivable Wasteland	0
<b>Total</b>		3637.68

## Fact sheet about bench mark indicators and action plan a glance.

Benchmarking is a process of setting realistic standard of watershed outcomes by assigning specific values to the indicators identified for the purpose. Indicator & benchmark set for the watershed as follows-

SL No	Indicators	Measuring Details	Frequency /Stage
<b>A</b>	<b>Soil Health</b>		
(i)	Soil Organic Carbon increase	NMR Spectroscopy	5 Year
(ii)	Erosion reduction	Gully formation/ Sediment loss (gauges)	3 years
<b>B</b>	<b>Hydrology</b>		
(i)	Rainfall (intensity, no of rainy days)	Rain gauge	Daily
(ii)	Stream flow Cum/Sec Monsoon flow on selected streams in watershed) reduce	V Notch/ Staff Gauge	Daily
(iii)	Ground Water level (in meter) increase	Tape	Monthly
(iv)	Spread Area increase	Field Survey/ Remote Sensing	Six Monthly
(v)	Rejuvenation	Field Survey/ Remote Sensing	Monthly
(vi)	New Water bodies (in Number) Increase	Field Survey/ Remote Sensing	Monthly

<b>SL No</b>	<b>Indicators</b>	<b>Measuring Details</b>	<b>Frequency /Stage</b>
(vii)	Drinking Water availability Increase	Survey/ FGD	3 Years
(viii)	Soil Moisture increase	Probes	Quarterly
<b>C</b>	<b>Forestry</b>		
(i)	Tree Cover Increase	Inventory	3 Years
(ii)	Nominalised Differential Vegetation Index (NDVI) increase	Remote Sensing	3 Years
(iii)	Survival of numbers planted	Survey	Yearly
(iv)	Percentage of farm Family cultivating Agro forestry increase	Survey	Yearly
<b>D</b>	<b>Agriculture and Horticulture</b>		
(i)	Fallow & Wasteland reduction	Remote Sensing/ Survey	2 Years
(ii)	Diversification in agriculture & horticulture	Survey	2 Years
(iii)	Area covered under improved variety of total cultivated land	Survey	2 Years
(iv)	Area covered micro irrigation system increase	Survey	1 year
(v)	No of Farmer Producer Institutions increase	Survey	Yearly
(vi)	No of Farmer undergo training	Survey	Yearly
<b>E</b>	<b>Animal Husbandry, Dairy and Fishery</b>		
(i)	Increase in area under Grassland on CPR	Revenue Record/ Survey	3 Years
(ii)	Increase in area under cultivated fodder	Revenue record/Survey	3 Years

<b>SL No</b>	<b>Indicators</b>	<b>Measuring Details</b>	<b>Frequency /Stage</b>
(iii)	Increase in area under cultivated fodder	Revenue record/Survey	3 Years
(iv)	Shift from open grazing to stall feeding	Survey	2 Years
(v)	No of livestock owners adopting Artificial Insemination (AI)	Survey	2 Years
(vi)	Increase in aquaculture production	Survey	2 Years
<b>F</b>	<b>Economic, Financial, Process, Asset, Institutional, Risk &amp; Convergence</b>		
(i)	Total Income	Survey	3 Years
(ii)	No. of families recorded positive change in income	Survey	3 Years
(iii)	Distress migration	Survey	3 Years
(iv)	Watershed Development Fund	Survey	5 Years
(v)	Common Property Resources Maintenance Mechanism	Survey	5 Years
(vi)	Status of Area Treatment	Survey	3 Years
(vii)	Status of Drainage line treatment	Survey	3 Years
(viii)	No. of Social audit	Survey	5 Years
(ix)	No of SHG/CBO/MI formed	Survey	3 Years
(x)	No of common watershed asset created	Survey	3 Years

## CHAPTER 1

### Introduction and Background

#### INTRODUCTION:

- Name of the State : Assam
- Name of the District : Bongaigaon
- Names of the Blocks : Dangtol
- Name of the project : **Bongaigaon-I/2021-22 (Kujia Pt-I)**  
**WDC-PMKSY Others**
- Financial Year of sanction : 2021-2022
- Project duration : From 2021 to 2026

#### II). PROFILE OF THE WATERSHED PROJECT:

**Table No.1.1 Project at a Glance**

1	Name of the State	Assam
2	Name of the project	Bongaigaon-I/2021-22 (Kujia Pt-I) WDC-PMKSY Others
3	Name of the District	Bongaigaon
4	Names of the Blocks	Dangtol
5	Names of Gram Panchayats	Bongaigaon, Mulagaon, Chaprakata No 2, Dholaigaon, Popragaon
6	Names Villages covered	Census Code
	Betbari	301276
	Ulubari	301269
	Jogipara	301264
	Bakharapara	301280
	Bhati para Part 1	301277
	Bhati para Part 2	301278
	Kashidoba	301281
	Chitkagaon	301252
	Hirapara	301249
	Rabhapara	301250
	Chaprakata Pt I	301251
	Chaprakata Pt II	301262
	Chaprakata Pt.III	301255
	Kharija Dholaigaon Pt-I[Part]	301245
	Kharija Dholaigaon Pt-II[Part]	301246
	Nayapara Pt II	301247
	Nayapara Pt I	301248
	Bongaigaon Deuripara	301263
	Bakhorapara Pt I	301253
	Bakharapara Pt II	301254
	Bongaigaon Gosaipara	301265
	Jhakuapara Pt I	301268

	Jhakuapara Pt	301261
	Mechpara	301262
	Birjhora T E [Pt]	301255
	Karebari	301243
	Popragaon Pt II	301242
	Popragaon Pt I	301241
7	Four major reasons for selection of watershed	1. There is no means of Water harvesting and conservation means to have a good crop round the year. 2. A large portion of the population is under poverty. 3. Acute shortage of drinking and Irrigation water. 4. There is no other sector available for livelihood for the landless or the poorest
8	Name, Address , Phone No and Reg.No.. of the PIA(s)	Divisional Officer, Barpeta Soil Conservation Division, Barpeta
9	Date of approval of Watershed Development Plan by the DPC	
10	Area of the Project (ha.)	4837 Ha
11	Area proposed to be treated (ha.)	3637.68 Ha
12	Financial Year of sanction	2021-22
13	Project duration	From 2021-22 to 2026-27
14	Project Cost (Rs. in Lakhs)	800.2896lakhs
15	Date of Sanction by State authority	
16	Date of Release of 1 <sup>st</sup> Installment of Central Assistance (To be filled by DoLR)	
17	Any other, please specify	

Source: Census Code, Census of India, 2011

**Project Background:**

Watershed Development Component - Pradhan Mantri Krishi Sinchai Yojna (WDC-PMKSY 2.0) is a modified programme of previous Drought Prone Areas Programme (DPAP), Desert Development Programme (DDP), Integrated Wastelands Development Programme (IWDP) and Integrated Watershed Management Programme (IWMP) of the Department of Land Resources, Government of India. The scheme is launched during 2021-22. The main objectives of the Watershed Development Component- Pradhan Mantri Krishi Sinchai Yojna (WDC-PMKSY 2.0) are to restore the ecological balance by harnessing, conserving and developing degraded natural resources such as soil, vegetative cover and water. The outcomes are prevention of soil erosion, regeneration of natural vegetation, rain water harvesting and recharging of the ground water table. This enables multi-cropping and the introduction of diverse agro-based activities, which help to provide sustainable livelihoods to the people residing in the watershed area.

Every land area, regardless of its location, is part of a watershed. Some are hilly and others are relatively flat. Every watershed has a physical landscape a complex terrain of landforms, water resources, vegetation, animals and their habitats, human beings and the structures they have built. At the watershed scale, conflicts over water and land resources are inherently multi-attribute, multi-stakeholder, and multi-discipline decision problems. Watershed systems from those with many small tributaries to large-scale lake systems and river basins provide direct inputs to economic processes, serve as waste sinks for economic output, and provide ecosystem services that make life possible.

In recent years, the concepts of integrated watershed management have gained increasing attention as strategies for sustainable resource use within a complex multi-institutional regulatory context. Watershed is a basic hydrologic unit, and hydrologic and ecologic processes govern the quality of soil and water resources within the watershed. Soil degradative processes are accentuated by anthropogenic factors. It is appropriate; therefore, that issues related to sustainable management of natural resources (e.g., food security and environment quality) are addressed within the context of watershed management.

Watershed Development implies rational utilization of natural resources for optimal and sustained production with minimum hazard to environment. It requires collection and analysis of information from multiple services to ensure sustainable economic and social progress of a watershed.

**Problems:**

The project area of Bongaigaon-I/2021-22 (Kujia Pt-I) falls under Dangtol Dev. Block of Bongaigaon District. About 80% of the population of this area is fully dependent on Agriculture. The area has been facing many problems right from very low ground water table to perennial flash flood. Due to erratic climatic character, the project area has to face occasional drought like situation also. Adverse climatic conditions, poor mobilization of the resources and inadequate agricultural infrastructure are some of the factors responsible for the underdeveloped state of the area. Hence, it is anticipated that the project area of over 4837 ha would undoubtedly boost the living standards of the people of the area through the improvement in agriculture and allied activities.

The major problem of the watershed is degradation of natural water bodies like wetland & rivers. Due to annual, the natural drainages become very shallow and thereby water holding capacity has been reduced and because of biotic interference and environmental degradation, congestion of the drainage system & wetlands has become very sensitive. Most of the wetlands in the watershed have become very shallow and the whole area is covered with thick weeds and infested with wild aquatic fauna and thereby water holding capacity has been reduced up to a great extent. The degradation of the natural wetland & drainages has also created the problem of water logging in the catchment areas.

Besides above, the uneven rainfall, damage caused by pest and diseases in agricultural production, lack of knowledge and technologies and facilities for cash crops, nonavailability of safe drinking water, lack of acquired skills for artisans and weavers for producing better quality products insufficiency of other infrastructural developments are also important problems in the project area.

## **Need and Scope for Watershed Development**

Degradation of soil and water resources is considered not only as an extreme constraint to sustainable agricultural development but also a peril to the society. Poor ecosystem management results in the weakened functioning of watershed; hence there is a need to protect and preserve the quality of the ecosystem.

Due to rapid growth of population there is an excessive demand for more land both for agriculture and non-agriculture uses. This has created a vast extend of wastelands and some are on the margin of becoming wastelands. There is need to reverse the trend by giving proper treatment to wastelands. Lands degraded by natural forces need improvement by appropriate interventions.

Watershed management is the implementation of management systems that guarantee the preservation, conservation and sustainable use of all land and water resources. Watershed management also integrates various aspects of forestry, agriculture, hydrology, ecology, pedology etc. for choosing acceptable management alternative within the specific social and economic context. As mention above, the major problems of the project area are degradation of Natural Resources, soil erosion, siltation etc. and therefore there is a tremendous scope for executing watershed development activities in the watershed area.

**Table No. 1.2 Need and Scope for Watershed Development**

1	2	3	4	5	6	7	8										
S. No.	District	Name of the project	No. of micro-watersheds proposed to be covered	Proposed project area (ha)	Type of project  (Hilly/ Desert/ Others)	Proposed cost (Rs. in lakh)	Weightage under the criteria#										
							i	ii	iii	iv	v	viii	x	xi	xii	xiii	Total
1	Bongaigaon	Bongaigaon -I/ 2021-22 (Kujia Pt-I) WDC-PMKSY	4	4185.15	Others	800.2896	7.5	10	5	5	0	5	10	10	10	-	87.5

\*As per PPR

S. No.	Criteria	Maximum score	Ranges & scores			
i	Poverty index (% of poor to population)	10	Above 80 % (10)	80 to 50 % (7.5)	50 to 20 % (5)	Below 20 % (2.5)
ii	% of SC/ ST population	10	More than 40 % (10)	20 to 40 % (5)	Less than 20 % (3)	
iii	Actual wages	5	Actual wages are significantly lower than minimum wages (5)	Actual wages are equal to or higher than minimum wages (0)		
iv	% of small and marginal farmers	10	More than 80 % (10)	50 to 80 % (5)	Less than 50 % (3)	
v	Ground water status	5	Over exploited (5)	Critical (3)	Sub critical (2)	Safe (0)
vi	Moisture index/ DPAP/ DDP Block	15	-66.7 & below (15) DDP Block	-33.3 to -66.6 (10) DPAP Block	0 to -33.2 (0) Non DPAP/ DDP Block	

S. No.	Criteria	Maximum score	Ranges & scores			
vii	Area under rain-fed agriculture	15	More than 90 % (15)	80 to 90 % (10)	70 to 80% (5)	Above 70 % (Reject)
viii	Drinking water	10	No source (10)	Problematic village (7.5)	Partially covered (5)	Fully covered (0)
ix	Degraded land	15	High - above 20 % (15)	Medium - 10 to 20 % (10)	Low- less than 10 % of TGA (5)	
x	Productivity potential of the land	15	Lands with low production & where productivity can be significantly enhanced with reasonable efforts (15)	Lands with moderate production & where productivity can be enhanced with reasonable efforts (10)	Lands with high production & where productivity can be marginally enhanced with reasonable efforts (5)	
xi	Contiguity to another watershed that has already been developed/ treated	10	Contiguous to previously treated watershed & contiguity within the microwatersheds in the project (10)	Contiguity within the microwatersheds in the project but non contiguous to previously treated watershed (5)	Neither contiguous to previously treated watershed nor contiguity within the microwatersheds in the project (0)	
xii	Cluster approach in the plains (more than one contiguous micro-watersheds in the project)	15	Above 6 micro-watersheds in cluster (15)	4 to 6 microwatersheds in cluster (10)	2 to 4 microwatersheds in cluster (5)	
	Cluster approach in the hills (more than one contiguous micro-watersheds in the project)		Above 5 micro-watersheds in cluster (15)	3 to 5 microwatersheds in cluster (10)	2 to 3 microwatersheds in cluster (5)	

**Table no.1.3: Watershed information**

Sl no	Name of Project	Name of MWS	Name of Village	Geographical Area(Ha)	Treatable Area(Ha)	Approval Year
1	Bongaigaon-I/2021-22 (Kujia Pt-I) WDC-PMKSY Others	Betbari MWS ( 3A1E8hi)	Betbari	193.00	156.00	2021-22
2			Ulubari	56.00	28.00	
3			Jogipara	94.00	54.00	
4			Bakharapara	108.00	92.00	
5			Bhati para Part 1	157.00	97.00	
6			Bhati para Part 2	157.00	134.00	
7			Kashidoba	306.00	266.00	
8		Chaparakata MWS ( 3A1E8hii)	Chitkagaon	206.00	163.00	
9			Hirapara	41.00	22.00	
10			Rabhapara	377.00	374.00	
11			Chaparakata Pt I	225.00	193.00	
12			Chaparakata Pt II	121.00	110.00	
13			Chaparakata Pt.III	184.00	136.00	
14			Kharija Dholaigaon Pt-I[Part]	167.00	110.00	
15		Kharija Dholaigaon Pt-II[Part]	146.00	84.00		
16		Nayapara Pt II	49.00	37.00		
17		Nayapara Pt I	180.00	124.00		
18		Jokurapara MWS ( 3A1E8hiii)	Bongaigaon Deuripara	183.00	120.00	
19			Bakhorapara Pt I	164.00	92.00	
20			Bakharapara Pt II	136.00	84.00	
21			Bongaigaon Gosaipara	70.00	64.00	
22			Jhakuapara Pt I	176.00	142.68	
	Jhakuapara Pt		98.00	90.00		
	Mechpara		193.00	173.00		
	Birjhora T E [Pt]	495.00	245.00			
	Popragaon MWS ( 3A1E8hiv)	Karebari	195.00	135.00		
		Popragaon Pt II	183.00	161.00		
		Popragaon Pt I	177.00	151.00		
			<b>TOTAL</b>	<b>4837.00</b>	<b>3637.68</b>	

Source: Census of India & Field Survey

**Table No.1.4: Status of other development project in the area**

Sl · no	Name of the programme/scheme	Sponsoring agency	Objectives of the programme/scheme	Year of commencement	Villages covered	Estimated number of beneficiaries
1	The Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA)	Department of Rural Development, Ministry of Rural Development	is to enhance livelihood security in rural areas by providing at least 100 days of guaranteed wage employment in a financial year to every household whose adult members volunteer to do unskilled manual work.	2009-10	-	-
2	Jal Jeevan Mission	Department of Drinking Water & Sanitation, Govt. of India	The goal of JJM is to provide functional household tap connection to every household with service level at the rate of 55 litres per capita per day	2020-21	-	-

Source: Field Survey

**Table No. 1.5: Status of previous watershed programme**

S. No	Project name	Year started	Name of villages	No. Of micro watershed	Watershed codes	Area under treatment	Funding source	Nodal agency	PIA	Total cost	Expenditure incurred up to start of IWMP	% financial completion	% physical completion
No Previous Watershed Programme													

## CHAPTER 2

### General Description of Project Area

#### Location of Watershed:

The **Bongaigaon-I/2021-22 (Kujia Pt-I) WDC-PMKSY** Watershed is located in Eastern part of Bongaigaon District. The project area is located between **90.542346E to 90.636289E** longitude and **26.445358N to 26.471294N**. The watershed area covers 28 numbers of revenue villages under one dev. Blocks namely **Dangtol**. The total project area of the watershed is about 4837 Ha.

#### Physiography:

The physiography of the project area is characterized by undulating plain with numbers of streams. The ecology of the watershed is unique and there is a constant threat of flood and erosion. The watershed area is gifted with vast water resources like wetlands, drainage/stream etc. A number of swamps/ marshy lands are found in the area.

The physical make-up of the area represents younger flood plain, younger alluvial plain and old alluvial plain. Proportionately larger area is covered by old younger alluvium.

#### Climate:

The general climate of the district is characterised by hot and wet summers and dry, cool winters. The overall climate can be divided as pre-monsoon, post monsoon and winter. The pre-monsoon occurs from the month of March to May. The rainfall during this period range between twenty to thirty percent of the annual precipitation. The monsoon season starts in June and continues throughout the month of August. The post monsoon season extends from September to November; and thereafter, both temperature and rainfall decreases to a cold and dry winter which starts from November and continues up to February. Post winter, from the month of February to April, is generally dry and pleasant. The mean of maximum and minimum temperatures varies from 36.30°C to 17.80°C and the average annual rainfall is 2907cm. Maximum rainfall is received from the south west monsoon during June to August.

#### Drainage & Water bodies:

The watershed area is drained by many perennial streams namely Ekaijani, Rowmari, Kujia Nodi. Apart from these perennial streams the watershed area is also endowed with many wetlands namely KAchrani Beel, Bhasmari Beel, Nayachara Beel, Bishpan Beel, Chara Beel, Hatimutra Beel etc.

**Soil:**

The general and average soil character of cultivable land in the watershed is mainly alluvial and composed of mixture of sand (course to loamy). From soil resource mapping and taxonomic classification carried by the National Bureau of Soil Survey and Land Use Planning (NBSSLUP) it is observed that basically eight types of taxonomic classification are found with the watershed namely - Fine Typic Haplaquepts associated with fine loamy, Aeric Haplaquepts (74), Fine loamy, Typic Haplaquepts associated Fine Loamy, Aeric Fluvequents (75) & Fine Silty Typic Fluvequents associated with Fine Aeric Haplaquepts (76)

**Ground Water:**

The depth of ground water level in water table zone varies from 0.41 to 3.07 m bgl in the pre monsoon period and 0.56 to 3.41 m bgl during post monsoon period. As per the records of Ground Water Information Booklet, Central Ground Water Board, 2008 –the area is best suited for creation of ground water abstraction structures for discharge ranging from 100-300 M<sup>3</sup>/hr.

**Economy:**

The project area is depends on agricultural economy. Paddy is the major crop and is cultivated in kharif season and land remains uncultivated for rest of the year. The traditional farming system characterized by Low agricultural productivity, lack of irrigation facilities, damage cause by pest and diseases is the major constraint for the agricultural development of the region. Further fishing, livestock rearing hand loom and weaving are other important economic activities of the watershed area.

**Land Use/ Land Cover:**

The following land use categories are identified through visual interpretation of remote Sensing Map and supported by field verification. The identified main land use categories are –Agricultural land (kharif) constitute about 3966 ha about 54% of total geographical area of the watershed and Wasteland cultivable about 1033 Ha (14%) including marshy land.

**Table 2.1: Location**

Longitude	90.542346 to 90.636289	
Latitude	26.445358 to 26.471294	
State	Assam	
District	Bongaigaon	
Subdivision	Bongaigaon	
Block	Dangtol	
Panchayat	Bongaigaon, Mulagaon, Chaprakata No 2, Dholaigaon, Popragaon	
	Village Name	Census Number
Villages	Betbari	301276
	Ulubari	301269
	Jogipara	301264
	Bakharapara	301280
	Bhati para Part 1	301277
	Bhati para Part 2	301278
	Kashidoba	301281
	Chitkagaon	301252
	Hirapara	301249
	Rabhapara	301250
	Chaparakata Pt I	301251
	Chaparakata Pt II	301262
	Chaparakata Pt.III	301255
	Kharija Dholaigaon Pt-I[Part]	301245
	Kharija Dholaigaon Pt-II[Part]	301246
	Nayapara Pt II	301247
	Nayapara Pt I	301248
	Bongaigaon Deuripara	301263
	Bakhorapara Pt I	301253
	Bakharapara Pt II	301254
	Bongaigaon Gosaipara	301265
	Jhakuapara Pt I	301268
	Jhakuapara Pt	301261
	Mechpara	301262
Birjhora T E [Pt]	301255	
Karebari	301243	
Popragaon Pt II	301242	
Popragaon Pt I	301241	
Approach Road	NH VIA 52	

Source: Census of India, 2011

**Table no: 2.2 Land Details**

S. No.	Names of villages	Geographical Area of the village (ha)	Forest Area (ha)	Land under agricultural use (ha)	Rain-fed area (ha)	Irrigated Area	Permanent pastures (ha)	Wasteland	
								Cultivable (ha)	Non-cultivable (ha)
1	Betbari	193	0	156	156	0	0	8	0
2	Ulubari	56	0	28	28	0	0	0	0
3	Jogipara	94	0	54	54	0	0	0	0
4	Bakharapara	108	0	92	92	0	0	0	0
5	Bhati para Part 1	157	0	97	97	0	0	0	0
6	Bhati para Part 2	157	0	134	134	0	0	0	0
7	Kashidoba	306	0	266	266	0	0	5	0
8	Chitkagaon	206	0	163	163	0	0	1	0
9	Hirapara	41	0	22	22	0	0	0	0
10	Rabhapara	377	0	374	374	0	0	0	0
11	Chapprakata Pt I	225	0	193	193	0	0	0	0
12	Chapprakata Pt II	121	0	110	110	0	0	0	0
13	Chapprakata Pt.III	184	0	136	136	0	0	0	0
14	Kharija Dholigaon Pt-I[Part]	167	0	110	110	0	0	2	0
15	Kharija Dholigaon Pt-II[Part]	146	0	84	84	0	0	0	0
16	Nayapara Pt II	49	0	37	37	0	0	1	0
17	Nayapara Pt I	180	0	124	124	0	0	0	0
18	Bongaigaon Deuripara	183	0	120	120	0	0	0	0
19	Bakhorapara Pt I	164	0	92	92	0	0	0	0
20	Bakharapara Pt II	136	0	84	84	0	0	0	0

S. No.	Names of villages	Geographical Area of the village (ha)	Forest Area (ha)	Land under agricultural use (ha)	Rain-fed area (ha)	Irrigated Area	Permanent pastures (ha)	Wasteland	
								Cultivable (ha)	Non-cultivable (ha)
21	Bongaigaon Gosaipara	70	0	64	64	0	0	0	0
22	Jhakuapara Pt I	176	0	143	143	0	0	0	0
23	Jhakuapara Pt	98	0	90	90	0	0	7	0
24	Mechpara	193	0	173	173	0	0	0	0
25	Birjhora T E [Pt]	495	0	245	245	0	0	8	0
26	Karebari	195	0	135	135	0	0	32	0
27	Popragaon Pt II	183	0	161	161	0	0	0	0
28	Popragaon Pt I	177	0	151	151	0	0	5	0
	<b>Total</b>	<b>4837</b>	<b>0</b>	<b>3637.68</b>	<b>3637.68</b>	<b>0</b>	<b>0</b>	<b>69</b>	<b>0</b>

Source: Field Survey Data & Census Data

**Table No. 2.3: Details of the types of areas covered under the project**

1	2	3				
Sl. No.	Name of Village	No. of beneficiaries covered				
		MF	SF	LF	Landless	Total
1	Chitkagaon	60	81	5	68	214
2	Betbari	41	52	3	42	138
3	Bongaigaon Deuripara [Part]	131	184	10	143	468
4	Bongaigaon Gosaipara	10	11	2	9	32
5	Jogipara	44	55	2	48	149
6	Jhakuapara Pt I [Jakuapara]	70	82	5	47	204
7	Jhakuapara Pt II [Jakuapara]	35	45	7	28	115
8	Bhakrapara Pt I [Part]	18	23	2	16	59
9	Bhakrapara Pt II [Part]	16	20	3	11	50
10	Chapprakata Pt I	55	60	5	47	167
11	Chapprakata Pt II	81	111	2	95	289
12	Chapprakata Pt.III	14	20	3	14	51
13	Ravapara	20	24	2	26	72
14	Korebari	67	76	4	62	209
15	Nayapara Pt II	25	31	1	21	78
16	Nayapara Pt I	115	123	7	109	354
17	Popragaon Pt I	69	80	6	57	212
18	Popragaon Pt II	65	78	5	66	214
19	Kharija Dholaigaon Pt-I[Part]	52	66	3	46	167
20	Kharija Dalaigaon Pt.2	111	141	4	94	350
21	Birjhora T E [Pt]	187	210	8	212	617
22	Mechpara	37	42	2	34	115
23	Ulubari	41	51	3	49	144
24	Ghilapara (Hirapara)	21	21	2	29	73
25	Bhatipara Pt I [Bhatipara]	63	77	5	48	193
26	Bhatipara Pt II [Bhatipara]	44	55	3	37	139
27	Bhakrapara	32	47	2	37	118
28	Kashidoba	85	56	16	94	251
	<b>Total</b>	<b>1609</b>	<b>1922</b>	<b>122</b>	<b>1589</b>	<b>5242</b>

Source: Field Survey Data

**Table No. 2.4 Details of Agro-climatic condition**

1	2	3	4	5	6		7	8	9	
S. No.	Name of the Project	Name of the Agro-climatic zone covers project area	Area in ha	Names of the villages	Major soil types		Topo-graphy#	Average rainfall in mm (preceding 5 years average)	Major crops	
	a)Type				b) Area in ha	a) Name			b) Area in ha	
1	Bogaingaon -I/2021-22 (Kujia Pt-I) WDC-PMKSY	Lower Brahmaputra Valley Zone	193	Betbari	Fine Loamy	193	Flat Moderate Slope	1600	Paddy, Wheat, Mustard seeds, Jute	156
2			56	Ulubari		56				28
3			94	Jogipara		94				54
4			108	Bakharapara		108				92
5			157	Bhati para Part 1		157				97
6			157	Bhati para Part 2		157				134
7			306	Kashidoba		306				266
8			206	Chitkagaon		206				163
9			41	Hirapara		41				22
10			377	Rabhapara		377				374
11			225	Chaparakata Pt I		225				193
12			121	Chaparakata Pt II		121				110
13			184	Chaparakata Pt.III		184				136
14			167	Kharija Dholaiigaon Pt-I[Part]		167				110
15			146	Kharija Dholaiigaon Pt-II[Part]		146				84
16			49	Nayapara Pt II		49				37

1	2	3	4	5	6	7	8	9							
S. No.	Name of	Name of the Agro-climatic zone covers project area	Area in ha	Names of the villages	Major soil types		Topo-graphy#	Average rainfall in mm (preceding 5 years average)	Major crops						
	the Project				a)Type	b) Area in ha			a) Name	b) Area in ha					
17			180	Nayapara Pt I		180				124					
18			183	Bongaigaon Deuripara		183			120						
19			164	Bakhorapara Pt I		164			92						
20			136	Bakharapara Pt II		136			84						
21			70	Bongaigaon Gosaipara		70			64						
22			176	Jhakuapara Pt I		176			143						
23			98	Jhakuapara Pt		98			90						
			193	Mechpara		193			173						
			495	Birjhora T E [Pt]		495			245						
			195	Karebari		195			135						
24			183	Popragaon Pt II		183			161						
25			177	Popragaon Pt I		177			151						
<b>Total</b>			<b>4837</b>	<b>-</b>		<b>-</b>			<b>4837</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3637.68</b>		

Source: Field Survey Data

**Table No. 2.5 Details of flood and drought in the project area**

1	2	3		4		5	
Sl. No.	Particulars	Villages		Periodicity		Not affected	
				Annual	Any other (please specify)		
		Name(s) of villages	Nos.			Name(s) of villages	Nos.
1	Flood	Nayapara Pt II, Nayapara Pt I, Khuslupara, Karebari, Popragaon Pt II, Popragaon Pt I.	6	June to August	Nil	Betbari, Ulubari, Jogipara, Bongaigaon Gosaipara, Jhakuapara Pt I, Jhakuapara Pt II, Bongaigaon Deuripara, Bakhorapara Pt I, Bakharapara Pt II, Chitkagaon, Hirapara, Rabhapara, Chaprakata Pt I, Chaprakata Pt II, Chaprakata Pt.III, Mechpara, Birjhora T E, Kharija Dholigaon Pt-I, Kharija Dholigaon Pt-II, Bakharapara, Bhati para Part 2, Bhati para Part 1	22
2	Drought	Betbari, Ulubari, Jogipara, Bongaigaon Gosaipara, Jhakuapara Pt I, Jhakuapara Pt II, Bongaigaon Deuripara, Bakhorapara Pt I, Bakharapara Pt II, Chitkagaon, Hirapara, Rabhapara, Chaprakata Pt I, Chaprakata Pt II, Chaprakata Pt.III, Mechpara, Birjhora T E, Kharija Dholigaon Pt-I, Kharija Dholigaon Pt-II, Bakharapara, Bhati para Part 2, Bhati para Part 1	22	Feb. to March	Partially drought	Nayapara Pt II, Nayapara Pt I, Khuslupara, Karebari, Popragaon Pt II, Popragaon Pt I.	6

Source: Field Survey Data

**Table No. 2.6: Details of soil erosion in the project area**

1	2	3	4	5
Cause	Type of erosion	Area affected (ha)	Run off(mm/year)	Average soil loss (Tonnes/ ha/ year)
<b>Water erosion</b>				
a	Sheet	3225	1078	0.5 MT/Ha
b	Rill	275		
c	Gully	115		
Sub-Total		3615	-	
Wind erosion		N/A	NA	
Total		3615	56	

Source: Field Survey Data

**Table No. 2.7 Details of the Soil pH**

<b>Name of the Villages</b>	<b>Sample no</b>	<b>Soil Ph</b>	<b>Soil Type</b>
Bethari	M-1/S-1	Neutral	Fine Loamy
Ulubari	M-1/S-2	Neutral	Fine Loamy
Jogipara	M-1/S-3	Neutral	Fine Loamy
Bakharapara	M-1/S-4	Neutral	Fine Loamy
Bhati para Part 1	M-1/S-5	Neutral	Fine Loamy
Bhati para Part 2	M-1/S-6	Neutral	Fine Loamy
Kashidoba	M-1/S-7	Neutral	Fine Loamy
Chitkagaon	M-2/S-1	Neutral	Fine Loamy
Hirapara	M-2/S-2	Neutral	Fine Loamy
Rabhapara	M-2/S-3	Neutral	Fine Loamy
Chaprakata Pt I	M-2/S-4	Neutral	Fine Loamy
Chaprakata Pt II	M-2/S-5	Neutral	Fine Loamy
Chaprakata Pt.III	M-2/S-6	Neutral	Fine Loamy
Kharija Dholagaon Pt-I[Part]	M-2/S-7	Neutral	Fine Loamy
Kharija Dholagaon Pt-II[Part]	M-2/S-8	Neutral	Fine Loamy
Nayapara Pt II	M-2/S-9	Neutral	Fine Loamy
Nayapara Pt I	M-2/S-10	Neutral	Fine Loamy
Bongaigaon Deuripara	M-3/S-1	Neutral	Fine Loamy
Bakhorapara Pt I	M-3/S-2	Neutral	Fine Loamy
Bakharapara Pt II	M-3/S-3	Neutral	Fine Loamy
Bongaigaon Gosaipara	M-3/S-4	Neutral	Fine Loamy
Jhakuapara Pt I	M-3/S-5	Neutral	Fine Loamy
Jhakuapara Pt	M-3/S-6	Neutral	Fine Loamy
Mechpara	M-3/S-7	Neutral	Fine Loamy
Birjhora T E [Pt]	M-3/S-8	Neutral	Fine Loamy
Karebari	M-4/S-1	Neutral	Fine Loamy
Popragaon Pt II	M-4/S-2	Neutral	Fine Loamy
Popragaon Pt I	M-4/S-3	Neutral	Fine Loamy

Source: Field Survey Data

**Table No.2.7.1 Climatic Condition**

Sl No	Year	Average Monthly Rain fall(in mm)	Average Annual rainfall(in mm)preceding 5 years	Temp(°C)		Wind Velocity	Open pan evaporation (mm per day)	Relative Humidity(RH)		Average Annual run off(mm/year)
				Max	Min			at 1613	at 1313	
1	2016-17	139.30	1671.80	28.00	19.20	35.3	2.1	88	61	1020
2	2017-18	137.00	1644.40	29.10	19.70	32.6	2.2	87	59	
3	2018-19	197.50	2370.30	28.00	19.10	30	2	88	62	
4	2019-20	134.80	1617.00	28.40	19.20	26.4	1.9	89	62	
5	2020-21	138.50	1661.50	28.40	18.50	27.7	2.1	87	60	

Source: Regional Meteorological Centre, Guwahati

**Table No.-2.8 Physiographic Features**

Elevation (MSL)	Slope Range(%)	Order of Watershed	Major Stream	Toposequence (Soil series)	Average annual soil loss(Ton / hectare/year)
49 Mtr.	0-10.4%	1st	Kujia	Fine Loamy	Average 34 T/Ha/Year

Source: Field Survey Data

**Table No. 2.9 Watershed characteristics**

Shape index of the watershed	Length of main stream	Drainage density	Average slope	Watershed relief	Perimeter of the watershed
Elongated	15.43 Km	0.75	1.20%	Plain	49.1 km

Source: Field Survey Data

## CHAPTER – 3

### BASE LINE INFORMATION OF WATERSHED

**Table No. 3.1: Demographic features:**

Sl.No	Feature	Male	Female	Total
1	Population	11700	11858	23558
	SC	2592	1285	3877
	ST	2712	1363	4075
	BC	0	0	0
	Others	6396	9210	15606
2	Children(0-6 years)	1520	1507	3027
3	Sex Ratio (Female per Thousand Male)	1014		
4	Literacy	73.78%	62.01%	67.85%
	Literates	8632	7353	15985
	Illiterates	3068	4505	7573
5	Work Force	6411	2859	9270
	Agriculture	4488	2001	6489
	Industrial/Business	1282	572	1854
	Service	641	286	927
6	Birth Rate	-	-	-
7	Death Rate	-	-	-

Source: Field Survey Data

**Table No. 3.2: Livestock details:**

<b>Sl.No</b>	<b>Feature</b>	<b>No./ quantity)</b>
<b>1</b>	<b>Milch Animals</b>	
	Cows	2735
	Buffaloes	30
	Goat, sheep	5785
<b>2</b>	<b>Draft Animals</b>	
	Ox	62
	He Buffalo	4
<b>3</b>	<b>Others</b>	
	Poultry	3421
	Piggery	221
<b>4</b>	<b>Total Milk production</b> from milch animals (ltrs/day)	684
<b>5</b>	<b>Fodder Availability</b>	
	Dry (Abundant/Sufficient/ Scarce)	Sufficient
	Green (Abundant/Sufficient/ Scarce)	Scarce (occasionally)
<b>6</b>	<b>Fuel wood Availability</b> (Abundant/Sufficient/Scarce)	Scarce

Source: Field Survey Data

**Table No.3.3: Socio- economic status:**

1	2	3	4	5						6			
Sl. No	Type	Total HHs	No. of BPL HHs	Land Holding (Ha)						Annual Gross Income (Rs.)			
				Rain fed			Irrigated			SC	ST	Others	Total
				SC	ST	Others	SC	ST	Others				
1	Marginal	1609	870	257	273	1079	0	0	0	15000	15000	17000	47000
2	Small Farmers	1922	0	307	326	1289	0	0	0	25000	25000	25000	75000
3	Big farmers	122	0	19	20	83	0	0	0	60000	60000	70000	190000
4	Landless	1589	1589	254	270	1065	-	-	-	-	-	-	-
	<b>Total</b>	<b>5242</b>	<b>2459</b>	<b>837</b>	<b>889</b>	<b>3516</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100000</b>	<b>100000</b>	<b>112000</b>	<b>312000</b>

Source: Field Survey Data

**Table No. 3.4: Migration Details:**

1	2			3	4	5	6	7
Name of Village	No. of persons migrating			No. of days per year of migration	Major reason(s) for migrating	Distance of destination of migration from the village (km)	Occupation during migration	Income from such occupation (Rs.)
	M	F	Total					
Betbari	31	8	39	150-180 days	Lack in sufficient employment generation, For Better Opportunity , Lack of irrigation facility, Mono Crop Area etc.	2 km to 50 Km	Daily labour, business, vegetable vendor	Average Rs. 20,000/- per Annum
Ulubari	25	6	31					
Jogipara	36	5	41					
Bongaigaon Gosaipara	9	2	11					
Jhakuapara Pt I [Jakuapara]	45	3	48					
Jhakuapara Pt II [Jakuapara]	25	7	32					
Bongaigaon Deuripara [Part]	88	4	92					
Bhakrapara Pt I [Part]	12	3	15					
Bhakrapara Pt II [Part]	9	4	13					
Chitkagaon	45	5	50					
Chaparakata Pt I	39	3	42					
Chaparakata Pt II	58	6	64					
Chaparakata Pt.III	11	2	13					
Mechpara	24	7	31					
Birjhora T E [Pt]	111	9	120					
Kharija Dholagaon Pt-I[Part]	32	5	37					
Kharija Dalaigaon Pt.2	72	8	80					
Nayapara Pt II	18	4	22					
Nayapara Pt I	74	6	80					
Popragaon Pt II	46	5	51					
Popragaon Pt I	48	7	55					
Kashidoba	45	4	49					
Bhatipara Pt I [Bhatipara]	39	3	42					

1	2			3	4	5	6	7
Name of Village	No. of persons migrating			No. of days per year of migration	Major reason(s) for migrating	Distance of destination of migration from the village (km)	Occupation during migration	Income from such occupation (Rs.)
	M	F	Total					
Bhatipara Pt II [Bhatipara]	29	2	31					
Bhakrapara	29	18	47					
Korebari	46	8	54					
Ravapara	21	4	25					
Ghilapara	17	2	19					
<b>TOTAL</b>	<b>1084</b>	<b>150</b>	<b>1234</b>					

Source: Field Survey Data

**Table No. 3.5: Details of Community Based Organizations existing in the watershed village:**

1	2	3				4			5			6			7			8			9		
		Total no. of CBOs				No. of members			No. of ST in each category			No. of SC in each category			No. of Others in each category			No. of BPL in each category			Bank linkage		
		With only Men	With only Women	With both	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	No. of SHGs	Bank Loan Amount (Rs.)	
1	SHG	8	35	-	43	(i) Landless	31	111	142	3	16	19	7	19	26	21	76	97	31	111	142	NA	NA
						(ii) MF	28	104	132	2	12	14	11	25	36	15	67	82	28	104	132		
						(iii) SF	11	69	80	0	0	0	2	9	11	9	60	69	0	0	0		
						(iv) LF	3	9	12	0	0	0	0	0	0	3	9	12	0	0	0		
	<b>Total</b>					<b>73</b>	<b>293</b>	<b>366</b>	<b>5</b>	<b>28</b>	<b>33</b>	<b>20</b>	<b>53</b>	<b>73</b>	<b>48</b>	<b>212</b>	<b>260</b>	<b>59</b>	<b>215</b>	<b>274</b>			
2	UGs		10		10	(i) Landless	18	9	27	3	1	4	2	1	3	13	7	20	18	9	27	NA	NA
						(ii) MF	34	12	46	2	1	3	1	1	2	31	10	41	34	12	46		
						(iii) SF	22	7	29	0	0	1	1	1	2	21	6	27	0	0	0		
						(iv) LF	5	2	7	0	0	0	0	0	0	5	2	7	0	0	0		
	<b>Total</b>					<b>79</b>	<b>30</b>	<b>109</b>	<b>5</b>	<b>2</b>	<b>8</b>	<b>4</b>	<b>3</b>	<b>7</b>	<b>70</b>	<b>25</b>	<b>95</b>	<b>52</b>	<b>21</b>	<b>73</b>			

Source: Field Survey Data

**Table No. 3.6: Infrastructure Facilities:**

1	2	3	4	5
Sl.No	Infrastructure type	No./Quantity	Distance (km)	Status (description)
1	Educational Institutions			
	Anganwadi	36	Within the village	Functional
	Primary School	27	Within the village	Functional
	Secondary school	4	Within the village	Functional
	Govt. College	1	Within the village	Functional
	Vocational Institutions	0	6 Km (Bongaigaon)	Functional
2	Service Institutions		Within the village	Functional
	Bank	0	6 Km (Bongaigaon)	Functional
	Post office	Post Office- 0 Sub-Post Office- 2	5 Km	Functional
	Primary Health Care Center	0	5 Km	Functional
	Veterinary Center	1	Within the village	Functional
	Markets/ Village Haat	17	Within the village	Functional
3	No. of bore wells/pump sets (Functional)	42	Within the village	Functional
4	No. of Milk collection centers	Nill	5 Km	-
	( Union/ Society/ Pvt. Agency/Others)		-	-
	Total Quantity of surplus milk	2764	-	-
5	Road Connectivity (to main road by an all-weather road) (Yes/No)	Yes	Within the village	functioning
6	Bus facility (Yes/No)	Yes	Within the village	functioning
7	No. of HHs provided electricity	3669	Within the village	functioning
8	No. of HHs with access to drinking water	87	Within the village	functioning
9	Access to Agro Industries (Yes/No)	No	5 Km	-
10	Any other facilities (specify----- ----)	-	-	-

Source: Field Survey Data

**Table No.3.7 Land use pattern (in Hectares)**

1	2	3	4	5	6	7	8	9		10		11	12	13*
								Uncultivated Private land		Cultivated area				
								Temporary fallow	Permanent Fallow	Cultivated Rainfed	Cultivated Irrigated			
S. No	Name	Geographical Area	Forest Area	Community Land	Land under Non Agriculture Use	Permanent Pastures	Land Under miscellaneous use			Net Sown Area	Net Area sown more than once	Gross Cropped Area		
1	Betbari	193	0	0	27.00	0	10	0	0.00	156	0	156	0	156
2	Ulubari	56	0	0	28.00	0	0	0	0.00	28	0	28	0	28
3	Jogipara	94	0	0	35.00	0	5	0	0.00	54	0	54	0	54
4	Bakharapara	108	0	0	16.00	0	0	0	0.00	92	0	92	0	92
5	Bhati para Part 1	157	0	0	53.00	0	7	0	0.00	97	0	97	0	97
6	Bhati para Part 2	157	0	0	23.00	0	0	0	0.00	134	0	134	0	134
7	Kashidoba	306	0	0	35.00	0	5	0	0.00	266	0	266	0	266
8	Chitkagaon	206	0	0	42.00	0	1	0	0.00	163	0	163	0	163
9	Hirapara	41	0	0	19.00	0	0	0	0.00	22	0	22	0	22
10	Rabhapara	377	0	0	3.00	0	0	0	0.00	374	0	374	0	374
11	Chaparakata Pt I	225	0	0	24.00	0	8	0	0.00	193	0	193	0	193
12	Chaparakata Pt II	121	0	0	11.00	0	0	0	0.00	110	0	110	0	110
13	Chaparakata Pt.III	184	0	0	42.00	0	5	0	0.00	136	0	136	0	136
14	Kharija Dholaiigaon Pt-I[Part]	167	0	0	52.00	0	5	0	0.00	110	0	110	0	110
15	Kharija Dholaiigaon Pt-II[Part]	146	0	0	59.00	0	3	0	0.00	84	0	84	0	84
16	Nayapara Pt II	49	0	0	8.00	0	4	0	0.00	37	0	37	0	37

1	2	3	4	5	6	7	8	9		10		11	12	13*
								Uncultivated Private land		Cultivated area				
								Temporary fallow	Permanent Fallow	Cultivated Rainfed	Cultivated Irrigated			
S. No	Name	Geographical Area	Forest Area	Community Land	Land under Non Agriculture Use	Permanent Pastures	Land Under miscellaneous use			Net Sown Area	Net Area sown more than once	Gross Cropped Area		
17	Nayapara Pt I	180	0	0	50.00	0	6	0	0.00	124	0	124	0	124
18	Bongaigaon Deuripara	183	0	0	59.00	0	4	0	0.00	120	0	120	0	120
19	Bakhorapara Pt I	164	0	0	69.00	0	3	0	0.00	92	0	92	0	92
20	Bakharapara Pt II	136	0	0	51.00	0	1	0	0.00	84	0	84	0	84
21	Bongaigaon Gosaipara	70	0	0	2.00	0	4	0	0.00	64	0	64	0	64
22	Jhakuapara Pt I	176	0	0	33.32	0	0	0	0.00	142.68	0	143	0	143
23	Jhakuapara Pt	98	0	0	1.00	0	7	0	0.00	90	0	90	0	90
24	Mechpara	193	0	0	20.00	0	0	0	0.00	173	0	173	0	173
25	Birjhora T E [Pt]	495	0	0	35.00	0	215	0	0.00	245	0	245	0	245
	Karebari	195	0	0	27.00	0	3	0	0.00	135	0	135	0	135
	Popragaon Pt II	183	0	0	22.00	0	0	0	0.00	161	0	161	0	161
	Popragaon Pt I	177	0	0	21.00	0	5	0	0.00	151	0	151	0	151
	<b>Total</b>	<b>4837</b>	<b>0</b>	<b>0</b>	<b>867.32</b>	<b>0</b>	<b>301</b>	<b>0</b>	<b>0</b>	<b>3637.68</b>	<b>0</b>	<b>3637.68</b>	<b>0</b>	<b>3637.68</b>

Source: Field Survey Data

**Table No. 3.8: Details of Common Property Resources**

1	2	3				4			
Sl.No	Particulars	Total Area (ha)							
		Area owned/ In possession of				Area available for treatment (ha)			
		Pvt. persons	Govt. (specify dept.)	PRI	Any other (Pl. Specify)	Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)
1	Wasteland/ degraded land	6	-	-	-	6	-	-	-
2	Pastures	-	-	1	-	-	1	-	-
3	Orchards	237	-	-	-	-	-	-	-
4	Village Forest	5	-	-	-	5	-	-	-
5	Forest	-	-	-	-	-	-	-	-
6	Village Ponds/ Tanks	35	-	-	-	-	-	-	-
7	Community Buildings	-	3	-	-	-	-	-	-
8	Weekly Markets	-	-	2	-	-	-	-	-
9	Permanent markets	5	-	-	-	-	-	-	-
10	Temples/ Places of worship	-	-	-	9	-	-	-	-
11	Others (Pl. specify)	-	-	-	-	-	-	-	-
Total		<b>288</b>	<b>3</b>	<b>3</b>	<b>9</b>	<b>11</b>	<b>1</b>	<b>0</b>	<b>0</b>

Source: Field Survey Data

**Table No. 3.9: Agriculture implements:**

1	2	3
S. No	Implements	Nos.
1	Tractor	12
2	Sprayers-manual/ power	172
3	Cultivators/Harrows	Lots
4	Seed drill	lots

Source: Field Survey Data

**Table No. 3.10: Crop Classification**

1	2	3
S. No	Crop classification	Area (Hec)
1	Single crop	3638
2	Double crop	84
3	Multiple crop	-

Source: Field Survey Data

**Table No. 3.11: Crops & Cropping pattern**

1 Sl. No	2 Season	3 Crop sown	4				5				6			
			Rain fed				Irrigated				Total			
			Area (ha)	Production (Ton/yr)	Productivity (Kgs/ha)	Cost of cultivation (Rs./ha)	Area (ha)	Production (Ton/yr)	Productivity (Kgs/ha)	Cost of cultivation (Rs./ha)	Area (ha)	Production (Ton/yr)	Productivity (Kgs/ha)	Cost of cultivation (Rs./ha)
1	Kharif	Paddy	2846	4611	1620	15000	0	0	0	0	2846	4611	1620	15000
		Vegetables	116	441	3800	30000	0	0	0	0	116	441	3800	30000
2	Rabi	Paddy	121	242	2000	20000	0	0	0	0	121	242	2000	20000
		Mustard	132	79	600	14000	0	0	0	0	132	79	600	14000
		Black gram	76	49	650	14000	0	0	0	0	76	49	650	14000
		Lentil	52	26	500	14000	0	0	0	0	52	26	500	14000
		Green gram	23	12	500	14000	0	0	0	0	23	12	500	14000
		Vegetables	218	654	3000	11000	0	0	0	0	218	654	3000	11000
3	Summer	Vegetables	138	386	2800	8000	0	0	0	0	138	386	2800	8000
	<b>Total</b>		<b>3722</b>	<b>6500</b>	<b>15470</b>	<b>140000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3722</b>	<b>6500</b>	<b>15470</b>	<b>140000</b>

Source: Field Survey Data

**Table No. 3.12: Land capability Classification**

Sl.No	Land type	Total Area (ha)	Soil Texture*	Based on Depth (cms)- (mention area in ha)					Based on Slope (%) (mention area in ha)				Erosion (mention area in ha)				Land class
				V. Shallow (0.75)	Shallow (7.5-22.5)	Moderate Deep (22.5-45.00)	Deep (45.0-90.0)	Very. Deep (>90)	Nearly Level (0-2)	Moderate slope (2-6)	Strong slope (6-15)	Steep (>15)	Water			Wind	
													Sheet	Rill	Gully		
1	Sandy Loam	4837	Fine Loam	165	297	2752	147	318	4361	344	132	0	3225	275	115	0	-
2	- Clay Loam		Clay Loam	72	151	634	214	87									
<b>Total</b>		<b>4837</b>		<b>237</b>	<b>448</b>	<b>3386</b>	<b>361</b>	<b>405</b>	<b>4361</b>	<b>344</b>	<b>132</b>	<b>0</b>	<b>3225</b>	<b>275</b>	<b>115</b>	<b>0</b>	<b>0</b>

Source: Field Survey Data

**Table No.3.13: Irrigation facilities**

1	2	3	4
Sl.No	Type of the Source	Nos.	Command area (in ha)
1	Ponds	NA	NA
2	Open wells	NA	NA
3	Bore wells	NA	NA
4	Canal irrigation	NA	NA
5	Natural spring head	NA	NA

Source: Field Survey Data

**Table No. 3.14: Status of water table**

Sl.No	Source (open well)**	Location	Plot No of the source	Name of the Owner*	Date of recording	Depth of water table from ground level (in mts)	Source located at (ridge/middle/valley)	Remarks
1	Shallow Tubewell/Deep Tubewell/Openwell	Betbari	Betbari	Betbari Anganwadi Centre	16/12/2021	3.5	Middle	
2		Ulubari	Ulubari	NEAR Rabi Nath	16/12/2021	3.5	Ridge	
4		Bakharapara	Bakharapara	Harmuz Ahmed	16/12/2021	3.5	Middle	
5		Bhati para Part 1	Bhati para Part 1	near Harish Chandra Ray	16/12/2021	5.00	Valley	
6		Bhati para Part 2	Bhati para Part 2	Bhatipara Pt - I	18/12/2021	5.00	Valley	
7		Kashidoba	Kashidoba	KASHIDOBA	18/12/2022	3.00	Valley	
8		Chitkagaon	Chitkagaon	CHITKAGAON Anganwadi Centre	18/12/2022	3.00	Ridge	
9		Hirapara	Hirapara	CHITKAGAON HIRAPARA Anganwadi Centre	18/12/2022	3.00	Valley	
10		Rabhapara	Rabhapara	Near Sukuna Rava	18/12/2022	3.00	Valley	
11		Chaparakata Pt I	Chaparakata Pt I	near Mahendra Barman	10/12/2021	3.5	Valley	
12		Chaparakata Pt II	Chaparakata Pt II	CHAPRAKATA- II Anganwadi Centre	10/12/2021	3.5	Valley	
13		Chaparakata Pt.III	Chaparakata Pt.III	Near Lakhan Rava	10/12/2021	4.00	Valley	
14		Kharija Dholai gaon Pt-I[Part]	Kharija Dholai gaon Pt-I[Part]	Near Shombari Ray	10/12/2021	4.00	Valley	
15		Kharija Dholai gaon Pt-II[Part]	Kharija Dholai gaon Pt-II[Part]	Near Sharbeswar Ray	10/12/2021	4.00	Middle	
16		Nayapara Pt II	Nayapara Pt II	NAYAPARA- II Anganwadi Centre	8/12/2021	4.2	Ridge	
17		Nayapara Pt I	Nayapara Pt I	POPRAGAON PWSS	8/12/2021	5.00	Middle	
18		Bongaigaon Deuripara	Bongaigaon Deuripara	near Jorun Sangha	8/12/2021	3.00	Valley	
19		Bakhorapara Pt I	Bakhorapara Pt I	Near Town Hall	8/12/2021	3.00	Valley	
20		Bakharapara Pt II	Bakharapara Pt II	Bhakrivita Pt.-II	8/12/2021	3.00	Valley	

Sl.No	Source (open well)**	Location	Plot No of the source	Name of the Owner*	Date of recording	Depth of water table from ground level (in mts)	Source located at (ridge/middle/valley)	Remarks
21		Bongaigaon Gosaipara	Bongaigaon Gosaipara	near Sukuru Rava	15/12/2021	3.5	Ridge	
22		Jhakuapara Pt I	Jhakuapara Pt I	near Indanil Roy	15/12/2021	3.5	Valley	
23		Jhakuapara Pt	Jhakuapara Pt	Near Tiken Ray	15/12/2021	3.5	Valley	
24		Mechpara	Mechpara	Near Dhaneswari Daimary	15/12/2021	3.5	Valley	
25		Birjhora T E [Pt]	Birjhora T E [Pt]	sh Cherki	15/12/2021	3.00	Valley	
27		Popragaon Pt II	Popragaon Pt II	near Punna Barman	15/12/2021	3.00	Valley	
28		Popragaon Pt I	Popragaon Pt I	Rabin Medhi	15/12/2021	4.00	Ridge	

Source: Field Survey Data

**Table No. 3.15: Assessment of drinking water facility\*:**

1	2	3	4	5
Sl.No	Item	Units	Quantity	Source
1	Drinking water requirement	Ltrs/day	70674	Tube Well, Govt Supply, River
2	Present availability of drinking water	Ltrs/day	55126	Tube Well, Govt Supply, River
3	No. of drinking water sources available	Nos	3612	Tube Well, Govt Supply, River
a)	Functional	Nos	3391	Tube Well, Govt Supply, River
b)	Need Repairing	Nos	150	Tube Well, Govt Supply, River
c)	Defunct	Nos	71	Tube Well, Govt Supply, River
4	Short fall if any	Ltrs/day	15548	
5	No. of families getting drinking water from out side the Micro watershed area	Nos	-	
6	Requirement of new drinking water sources (if any)	Nos.	250	Tube Well, Govt Supply

Source: Field Survey Data

\* based on the observation from the field

**Table No. 3.16: Surface water resources**

1	2	3	4	5
Sl.No	Type of water resource	Nos	Area irrigated (Ha)	Storage capacity (Cu.m)
1	Tank	-	-	-
2	Pond	-	-	-
3	Lake	-	-	-
4	Check dam	-	-	-
5	Percolation tank	-	-	-
6	Channel/Canal	-	-	-
7	Any others (specify-----)	-	-	-

**Table No. 3.17 Ground Water Structures to be repaired**

Sl.No	Type of structure	No. available			Total
		No. to be Repaired	No. to be rejuvenated	No. with no interventions required	
N.A.					
	<b>Total</b>				

**Table No. 3.18: Existing Water Saving Practices**

Name of the Major Crop	Area (Ha)				Current water Saving status as against flood irrigation. (Cu.m)
	Under water saving devices\$	Under water conserving agronomic practices#	Any other	Total	
			(Pl. Specify)		
Kharif Paddy	-	2846	-	2846	-
Rabi Paddy	-	121	-	121	-
Mustard		132	-	132	-
Black gram	-	76	-	76	-
Vegetable	-	218		218	-

\$: Sprinklers, Drip, PVC Pipe, etc.,

#: Vermi compost, organic manuring, check basin, alternate furrow, Ridges and furrow & specific practices

Source: Field Survey Data

**Table No. 3.19: Details of existing livelihoods**

1	2	3					4
Sl. No.	Name of activity	No. of beneficiaries					Pre-project average income per HH (Rs.)
		SC	ST	Others	Total	Women	
1	Dairy	108	118	184	409	135	45000
2	Goatary	135	148	220	502	166	30000
3	Duckery	54	59	73	186	61	25000
4	Poultry	161	207	734	1103	364	25000
	<b>TOTAL</b>	<b>457</b>	<b>531</b>	<b>1212</b>	<b>2201</b>	<b>726</b>	

Source: Field Survey Data

**Table No. 3.20: Existing functional assets (Works already completed under different schemes including works undertaken by farmers independently)**

1	2	3	4	5	6
S.No	Name of the work	Plot No.	Quantity (No./RMTs)	Amount spent (Rs.)	Programme
N.A.					

**Table No.3.21 PROBLEM TYPOLOGY OF THE WATERSHED**

1	2	3	4
S.No	Problem area	Problem analysis	Proposed interventions to overcome problems
1	<b>Soil Conservation</b> (slope, erosion, soil loss, rainfall, productivity, etc)	<ol style="list-style-type: none"> <li>1. Soil Erosion, and heavy soil loss in upland area.</li> <li>2. Sheet erosion is combatively high in many places.</li> <li>3. unpredictable nature of Soil</li> </ol>	<ol style="list-style-type: none"> <li>1. Construction of graded bund and field bund to protect the soil erosion and siltation problems.</li> </ol>
2	<b>Water conservation</b> (Water budget, Ground water norms, productivity)	<ol style="list-style-type: none"> <li>1. Degradation of Natural Resource such as congestion of natural drainage,</li> <li>2. Lack of water storage facility results in shortage of water during winter.</li> <li>3. Run-off resulting from seasonal rain conquers high velocity due to steep slope in the watershed and thereby causes different types of soil erosion hazards.</li> <li>4. Due to inadequate irrigation infrastructure mainly mono cropping is done</li> </ol>	<ol style="list-style-type: none"> <li>1. Re-generation of drainage channel by excavation and reclamation activities.</li> <li>2. Reclamation of natural water bodies (beels) by excavating and constructing periphery bund etc. toIncrease water storage capacity.</li> <li>3. creation of Farm Pond and related distribution channel for water harvesting/storage and irrigation</li> <li>4. Construction of Nullabund to control the waterlogging problem.</li> </ol>
3	<b>Crop coverage</b> – {80% of w/s area should be with canopy}	<ol style="list-style-type: none"> <li>1. Rabi crop area is proportionately small due to inadequate irrigation facilities.</li> <li>2. Predominance Mono cropping</li> <li>3. Flooding problem during summer</li> <li>4. Scarce vegetative cover over the area</li> </ol>	<ol style="list-style-type: none"> <li>1. Agro-forestry, fuel wood plantation</li> <li>2. Turmeric &amp; Banana Plantation</li> </ol>
4	<b>Agriculture productivity</b> (crop wise compare with	<ol style="list-style-type: none"> <li>1. Low agricultural productivity due to high flood during summer, lack of irrigation facility, erratic and uncertain</li> </ol>	<ol style="list-style-type: none"> <li>1. Brick canal and water storage farm pond for</li> </ol>

	dist. average)	rainfall, low cropping intensity, lack of locally available agri-technologies to match the high ecological diversity of rainfed area etc.	irrigation for both Rabi & Kharif crop.
5	<b>Livestock productivity</b> (Milk Yield, Meat yield, Eggs, Wool Yield, Kidding etc.)	<ol style="list-style-type: none"> <li>1. Dearth of fodder during flood period.</li> <li>2. Lack of protected shelter for the inhabitants during flood period</li> <li>3. lack of grazing land effects the production of milk and allied products, which in turn results in inadequate nutrition.</li> <li>4. Diseases which reduce the production potential of livestock.</li> </ol>	<ol style="list-style-type: none"> <li>1. Promotion of Marketing facilities through SHG</li> <li>2. Promotion of Dairy, Piggery, goatery, Duckery and Poultry farming activities.</li> </ol>
6	<b>Existing Livelihood activities for Asset less persons</b>	<ol style="list-style-type: none"> <li>1. Less income generating unsustained activities.</li> <li>2. Their present occupation is Daily Labour, Rikswa Pullers etc.</li> </ol>	<ol style="list-style-type: none"> <li>1. Promotion of Dairy, Piggery, goatery, Duckery and Poultry farming activities.</li> <li>2. Promotion of weaving activities for asset less woman.</li> </ol>
7	<b>Community Based Organizations &amp; Social capital base</b>	<ol style="list-style-type: none"> <li>1. Most of the SHGs are not functional.</li> </ol>	<ol style="list-style-type: none"> <li>1. Formation of SHG, User groups for promotion of various income generating activities</li> </ol>
8	<b>Capacity Building</b> (participation, training, awareness of watershed community)	<ol style="list-style-type: none"> <li>1. In many villages it is observed that the Participation in Gram Sabha is very low due to lack of awareness towards watershed development activities.</li> </ol>	<ol style="list-style-type: none"> <li>1. Conducting Awareness programmes among the villagers.</li> <li>2. Providing training in respect to each activities proposed for watershed development as well as livelihood generation.</li> </ol>
9	<b>Others (specify)</b>	<ol style="list-style-type: none"> <li>1. Lack of Marketing and trading Facilities</li> </ol>	<ol style="list-style-type: none"> <li>1. Providing Market Promotion Centres along with Low Cost go-down for storage of various products.</li> </ol>

## CHAPTER - 4

### Institutional Building and Project Management

**Table No. 4.1 Details of SHGs & UGs newly formed under IWMP:**

1	2	3				4			5			6			7			8			9		
Sl. No.	Type of Group	Total no. of CBOs				No. of members			No. of ST in each category			No. of SC in each category			No. of Others in each category			No. of BPL in each category			Bank linkage		
		With only Men	With only Women	With both	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	No. of SHGs	Amount (Rs)	
1	SHG	240	510	0	750	(i) Landless	320	580	900	35	75	110	45	78	123	240	427	667	320	580	900		
						(ii) MF	1760	2950	4710	194	325	519	229	360	589	1337	2265	3602	86	75	161		
						(iii) SF	540	2070	2610	62	230	292	72	253	325	406	1587	1993	0	0	0		
						(iv) LF	20	10	30	1	1	2	1	1	2	18	8	26	0	0	0		
	<b>Total</b>					<b>2640</b>	<b>5610</b>	<b>8250</b>	<b>292</b>	<b>631</b>	<b>923</b>	<b>347</b>	<b>692</b>	<b>1039</b>	<b>2001</b>	<b>4287</b>	<b>6288</b>	<b>406</b>	<b>655</b>	<b>1061</b>			
2	UGs	0	-	35	35	(i) Landless	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
						(ii) MF	313	52	365	32	12	44	24	6	30	257	34	291	313	52	365		
						(iii) SF	128	26	154	22	14	36	12	6	18	94	6	100	0	0	0		
						(iv) LF	6	0	6	1	0	0	0	0	0	5	0	5	0	0	0		
<b>Total</b>					<b>447</b>	<b>78</b>	<b>525</b>	<b>55</b>	<b>26</b>	<b>80</b>	<b>36</b>	<b>12</b>	<b>48</b>	<b>356</b>	<b>40</b>	<b>396</b>	<b>313</b>	<b>52</b>	<b>365</b>				

Source: Field Survey Data

#### 4.2: Details of Watershed Committees (WC)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
Name of WCs	Date of Registration as a Society (dd/mm/yyyy)	No. of members in WC	Designation	Name	M/F	SC	ST	SF	MF	LF	Land-less	UG	SHG	GP	Any other	Educl qualification	Function/s assigned#		
						Write "Yes" if applicable													
Popragaon MWS	Under Process	11	President	Kumar Barman	M				Y							BA	B,C,D,E,F,G,H & J(Arrangement of WC meeting)		
			Secretary	Mridul Kumar Sinha	M				Y								HSLC	B,C,D,E,F,G,H & J(Arrangement of WC meeting)	
			Member	Mani Kanta Das	M	Y			Y								HSLC	B, E & G	
			Member	Hiten Ray	M							Y						VIII	B, E & G
			Member	Ghana Kanta Barman	M				Y									VIII	B, E & G
			Member	Diganta Barman	M				Y									VIII	B, E & G
			Member	Prabhat Ch. Barman	M				Y									VIII	B, E & G
			Member	Jaynal Ali	M				Y									HSLC	B, E & G
			Member	Rubiya Khatun	F				Y						Y			HSLC	B, E & G
			Member	Joymoti Ray	F				Y						Y			HSLC	B, E & G
Member	Mira Barman	F				Y						Y			HSLC	B, E & G			
Chaprakata MWS	Under Process	11	President	Dhan Bahadur Chetri	M				Y							VIII	B,C,D,E,F,G,H & J(Arrangement of WC meeting)		
			Secretary	Mahananda Borman	M				Y								HS	B,C,D,E,F,G,H & J(Arrangement of WC meeting)	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18												
Name of WCs	Date of Registration as a Society (dd/mm/yyyy)	No. of members in WC	Designation	Name	M/F	SC	ST	SF	MF	LF	Land-less	UG	SHG	GP	Any other	Educl qualification	Function/s assigned#												
																		Write "Yes" if applicable											
																		Member											
			Member	Junu Rabha	F				Y				Y			IX	B, E & G												
			Member	Pratibha Sarania	F				Y				Y			VIII	B, E & G												
			Member	Ranjita Sarkar	F				Y				Y			IX	B, E & G												
			Member	Masida Jolo	F				Y				Y			VIII	B, E & G												
			Member	Nipon Ray	M				Y							HSLC	B, E & G												
			Member	Dharanidhar Das	M	Y			Y							HSLC	B, E & G												
			Member	Motilal Ray	M				Y							HSLC	B, E & G												
			Member	Rupali Das	F	Y			Y				Y			HSLC	B, E & G												
			Member	Dulal Ray	M				Y							HSLC	B, E & G												
Betbari MWS	Under Process	11	President	Akon Sarkar	M	Y			Y							VIII	B, C, D, E, F, G, H & J (Arrangement of WC meeting)												
			Secretary	Diganta Ray	M			Y									HS	B, C, D, E, F, G, H & J (Arrangement of WC meeting)											
			Member	Anil Barman	M					Y								IX	B, E & G										
			Member	Nirbana Sutradhar	F	Y				Y								IX	B, E & G										
			Member	Pankaj Barman	M					Y								HSLC	B, E & G										
			Member	Pulin Ch. Ray	M					Y								HSLC	B, E & G										
			Member	Jyotish Ray	M					Y								HSLC	B, E & G										
			Member	Kamal Sarania	M					Y								VIII	B, E & G										
			Member	Pradip Kumar Ray	M						Y							VIII	B, E & G										
			Member	Mamnti Barman	F						Y				Y			HSLC	B, E & G										
			Member	Barnali Ray	F				Y				Y			VIII	B, E & G												

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Name of WCs	Date of Registration as a Society (dd/mm/yyyy)	No. of members in WC	Designation	Name	M/F	SC	ST	SF	MF	LF	Land-less	UG	SHG	GP	Any other	Educl qualification	Function/s assigned#	
						Write "Yes" if applicable												
Jakuapara MWs	Under Process	11	President	Purnima Sarkar	F	Y			Y							HSLC	B,C,D,E,F,G,H & J(Arrangement of WC meeting)	
			Secretary	Rahul Narayan Deb	M			Y									HS	B,C,D,E,F,G,H & J(Arrangement of WC meeting)
			Member	Dipen Barman	M				Y								VIII	B, E & G
			Member	Ratul Sarkar	M	Y			Y								HS	B, E & G
			Member	Purnima Brahma	F		Y		Y						Y		VIII	B, E & G
			Member	Damayanti Ray	F				Y						Y		VIII	B, E & G
			Member	Sashi Bhusan Medhi	M	Y			Y								BA	B, E & G
			Member	Nirupama Singha	F				Y						Y		HS	B, E & G
			Member	Heramba Sutradhar	M	Y			Y								VIII	B, E & G
			Member	Phulendra Narayan Dev	M				Y								VIII	B, E & G
Member	Bipul Boro	M		Y		Y								HS	B, E & G			

(NOTE- Member wise details of SHGs, UGs & Watershed Committee has to be enclosed as annexures. The details includes the Name, Husband name and Caste) In column 18 only the letter assigned, as below, needs to be typed, except for 'J', where the type may be specifically mentioned.

- |    |  |    |  |
|----|--|----|--|
| A. | PNP and PRA                            | B. | Planning                               |
| C. | Maintenance of Accounts                | D. | Signing of cheques and making payments |
| E. | Supervision of construction activities | F. | Cost Estimation                        |
| G. | Verification & Measurement             | H. | Record of labour employed              |
| I. | Social Audit                           | J. | Any other (please specify).            |

**Table No 4.3: WDT Particulars:**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
<b>Sl.No</b>	<b>Names of WDT members</b>	<b>M/F#</b>	<b>Age</b>	<b>Qualification / Experience</b>	<b>Description of professional training</b>	<b>Role/ Function*</b>
1	Mihir Roy	M	58 Yrs	Diploma in Civil Eng.	Training on Soil & Water Conservation at NIRD & SIRD	A, B, C, D, E, F, G, H, I & J (Arrangement of meeting & Training)
2	HemantaDeka	M	31 Yrs.	Diploma in Civil Eng.	-	B, E & G
3	Dr. MridulNath	M	48 yrs.	B.V.Sc& A.H	Training on Animal Husbandry	B, E & G
4	Smti. PurnimaMahanta	F	57 Yrs.	B.A	-	B, E & G
5	Shri Bipul Das	M	59 yrs.	H.S	-	B, E & G
6	DewanMuajjamHussain	M	40 Yrs.	PGDS in Sericulture	-	B, E & G
7	Miss Rita Devi	F	29 Yrs.	Diploma in Civil Engg.	-	B, E & G
8	AbulKalam Azad	M	52 Yrs	Diploma in Handloom & Textile	-	B, E & G

\*In column 7 only the letter assigned, as below, needs to be typed, except for 'J', where the type may be specifically mentioned.

- |   |   |
|---|---|
| A. PNP and PRA                            | B. Planning                               |
| C. Maintenance of Accounts                | D. Signing of cheques and making payments |
| E. Supervision of construction activities | F. Cost Estimation                        |
| G. Verification & Measurement             | H. Record of labour employed              |
| I. Social Audit                           | J. Any other (please specify).            |

**Table No. 4.4: PIA particulars**

1	2	3
Sl.No	Particulars	Details of PIA
1.	Type of organization#	Govt.
2.	Name of organization	Soil Conservation Department
3.	Designation & Address	Divisional Officer, Barpeta Soil Conservation Division. Barpeta, Assam
4.	Telephone	9435054444
5.	Fax	
6.	E-mail	<a href="mailto:barpetascddivision1@rediffmail.com">barpetascddivision1@rediffmail.com</a>

# In column no. 8.1.6 (1), only the letter assigned to each type, as given below, needs to be typed.

A	Line Dept.	B	Autonomous organization
C	Govt. Institute	D	Research Bodies
E	Zila Parishad	F	Intermediate Panchayat
G	Voluntary Organisations	H	Any other (please specify).

**Table No. 4.5 Bank Account Details**

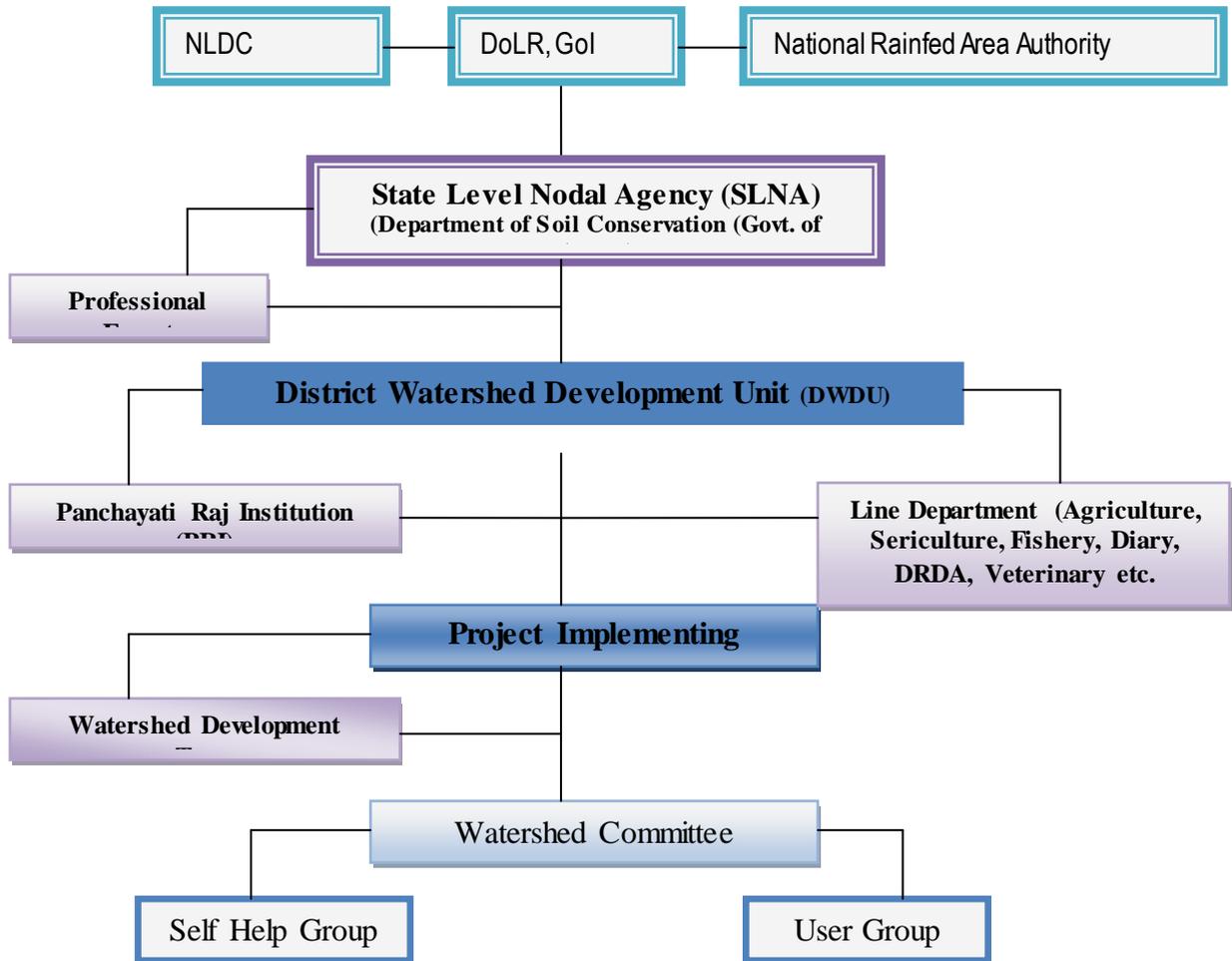
Name of WC/PIA	Name of the Bank/Place	Account No.	Name of the Signatory	Address
Divisional Officer, Barpeta Soil Conservation Division. Barpeta, Assam	<b>State Bank of India, Bongaigaon Branch</b>	<b>40754231307</b>	Divisional Officer, Barpeta Soil Conservation Division. Barpeta, Assam	Barpeta, Assam
Jakuapara MWS	<b>Under Process</b>			
Betbari MWS	<b>Under Process</b>			
Chaprakata MWS	<b>Under Process</b>			
Popragaon MWS	<b>Under Process</b>			

**Table No. 4.5 Convergence plan with IWMP**

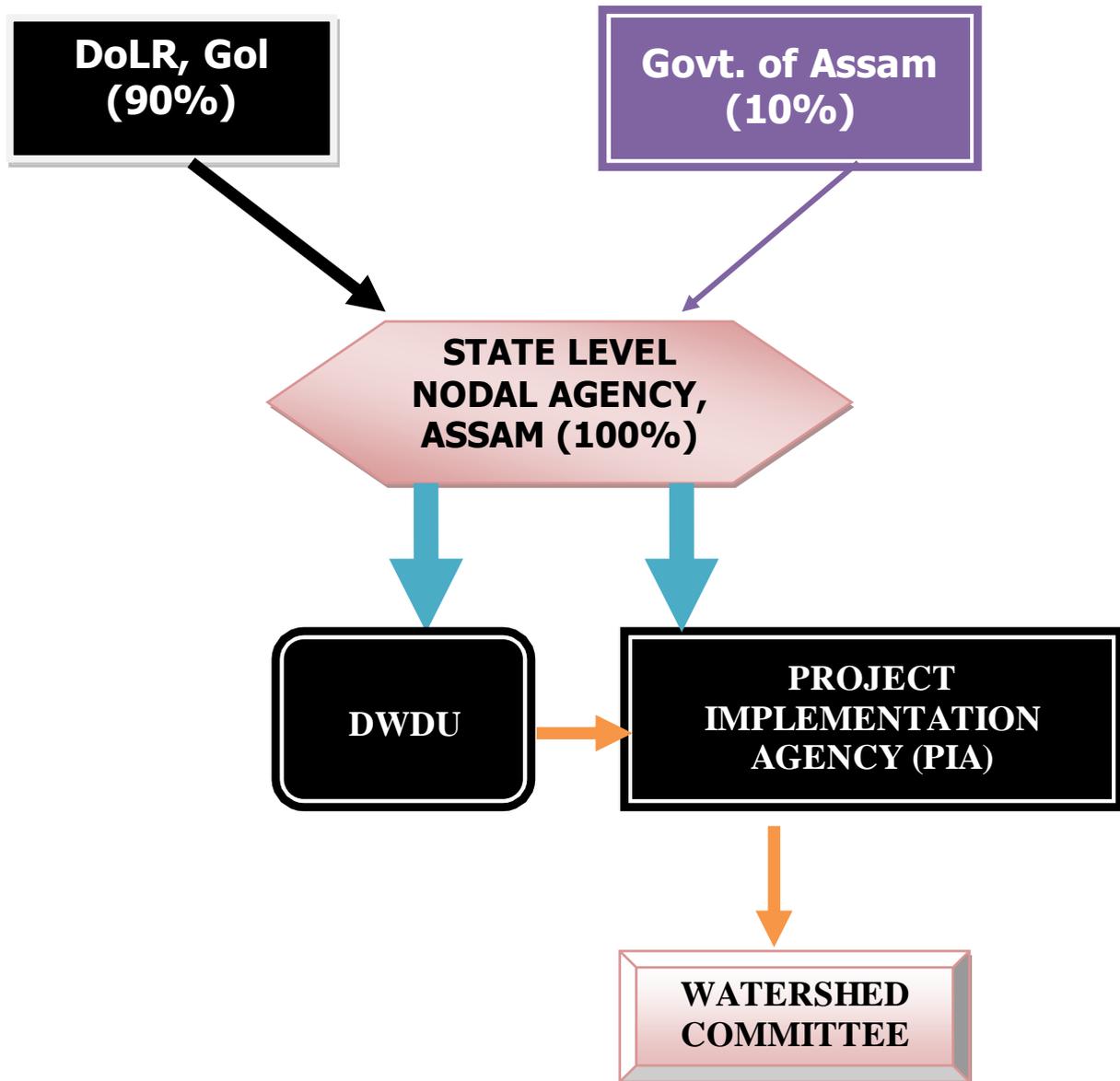
1	2	3	4	5	6	7
Sl. No.	Names of Departments with Schemes converging with IWMP	Name of activity/task/structure proposed under convergence	Period of Support	Reference no. of activity/ task/ structure in DPR	Estimated Fund Proposed Under Convergence (in Rs.)	Level of decision taken for convergence
		(a) Structures	(Years)			Block/district
		(b) livelihoods				
		(c) Capacity Building				
		(d) Any other (pl. specify)				
1		Under Process				
2						

**\* Institutional Mechanisms:**

**Fig. 11 Flow Chart of Institutional Arrangement from District to watershed level**



#### 4.6.2 Fund Flow mechanisms – flow chart,



#### 4.6.3 List of Watershed Records to be maintained

##### A) AT WATERSHED COMMITTEE LEVEL

- Registration Certificate
- Bylaws
- Detail Project Report
- Annual Action Plan
- Cash Book

- Project Fund Passbook
- Watershed Development Fund Pass book
- Ledger Book
- Asset Register
- Vouchers
- Land Details
- Measurement Book
- Audit Report/ Social Audit Report
- Photo Documents
- Project Completion Report
- Common Guidelines
- MoU between Watershed Committee and Project Implementing Agency
- Revenue Records.

**B) AT PROJECT IMPLEMENTING AGENCY LEVEL**

- Cash Book
- Computerized Accounting System
- Vouchers

**4.7 Documents of Agreements:**

- 4.7.1) Watershed Committee Registration certificate - (under Process)
- 4.7.2 MoU – PIA – DWDU, PIA – WC - (under Process)
- 4.7.3 Resolution of Gram Sabha ,Aam Sabha, WC approving action plan#

#the resolution should be done village wise and needs to be approved in Gram/Aam Sabha

#### **4.8 Project Implementation**

Project Implementation involves a number of activities, of which the major are - securing community participation, co-ordination of activities and project management & Controlling, Monitoring.

**Co-ordination** is the practice whereby more people or organizations work together to deal collectively with a shared objective. The rationale for co-ordination shall be-

1. To take immediate curative action for problems encountered in implementation of the project.
2. To promote better relationship among organizations, institution, agencies, departments and individuals connected with the project and to harmonies resources and activities for the achievements of the project objectives.
3. To establish cordial relationship between the target population of the project and all the other segments of the society.
4. Team building, which includes recruiting people with appropriate qualification and capability for positions in the organization, orienting new people to their position to help them learn about their responsibilities and providing training when necessary to upgrade people's skills.

**Project Management & Controlling** means managing activities to ensure progress towards the project objectives.

1. Evaluating the progress of project by comparing the current situation with established goals and objectives.
2. Submitting reports to account for project activities and finance
3. Monitoring performance to document the way people carry out their responsibilities.
4. Providing feedback to people on a regular, informal basis including optimistic feedback and constructive criticism.
5. Adjusting plans to respond the changes in the internal and external organizational environment.

**Monitoring** is an important stage of project implementation and it implies the process of routinely gathering information on all aspects of the project.

The first level monitoring shall be done by the project staff. The DWDU and PIA shall be responsible for monitoring the staff and task under them and Project Manager shall be accountable for monitoring all aspects of the project. The second level monitoring shall be done by third party. The monitoring team shall be collected the report through field visit, progress and measures performance including financial reporting.

#### **Step for Monitoring Process:**

- Defining the objectives of the monitoring system;
- Designing a programme to monitor achievements systematically;
- Selection of indicators/parameters to be monitored, the location, methods/processes and frequency of observations and the information processing and reporting procedure are essential; and
- Organizing, motivating and training people to obtain convey and use the information.

#### **Monitoring Tools**

- Semi-structured interviews;
- Community workshops to evaluate the extent of adoption and resulting achievements from conservation practices.
- Observation and measurement of easily quantifiable field indicators.
- Farmers' own records can be prepared which provides vital information to the central theme.
- Ground photographs taken from the same place before and after remedial measures, depicting details about landscape CPR's changes in the status of natural resources.
- Community evaluation of certain simple technical, ecological, economical, social and essential services indicators.
- Remote sensing satellite imageries and aerial photographs taken at the start of the plan are repeated periodically.
- Geographical Information Systems (GIS)
- Video monitoring.
- Comparison with demonstration and research plots/ farms.

- Comparison with demonstration and research micro-watersheds.
- Hydro-meteorological measuring.
- Using the information gathered by other institutional and private enterprises.
- Combination of above mentioned tools.

<b>PIS</b>	<b>Tasks</b>	<b>Responsibility</b>
<b>Project Co-ordination</b>	Immediate corrective action for problem encountered	DWDU, Project Manager, WDT Member
	Create Relationship among staff and Institution	Project Manager
	Team Building & Capacity Building	DWDU/PIA/Project Manager
	Co-operation and Network Development	DWDU/PIA/Project Manager
<b>Project Management &amp; Controlling</b>	Progress of Project	Project Manager
	Report generating to account project activities and financial statement	PIA/ Project Manager
	Performance monitoring	PIA/ Project Manager/DWDU
<b>Monitoring</b>	1 <sup>st</sup> Level Monitoring Staff Performance Work Performance Target achievement	DWDU/Project Manager/PIA
	2 <sup>nd</sup> Level Monitoring Work Quality Deviation Report Financial statement	DWDU/ Third Party

## **CHAPTER - 5**

### **Management/Action Plan**

#### **Description on methodology of plan adopted**

##### **a) Awareness generation interventions :**

- i. Awareness campaign through Gram Sabha in all villages of watershed area is essential. Awareness generation programme will be conducted for all project stakeholders at watershed level with the fundamental purpose of educating them and creating more interest in regard to various aspects of the IWMP project.
- ii. Awareness campaign through distribution of leaflet and brochures describing about the IWMP project.

**b) Initial Orientation program:** For successful completion of the project, orientation of both project personnel and watershed communities according to the changing perspective is vital and it will enhance skills and competency of project staff to work with the villagers. Various training, awareness programme, meeting and seminar shall be conducted to build necessary ability and competency among the project officials, PRIs, especially GPs and other Communities Based Organizations (CBOs) about planning, implementation and management of various project activities.

**c) Formation process UGs & Watershed Committee:** The User Group and Watershed Committee are formed through Gram Sabha and awareness programme.

##### **d) DPR preparation process:**

The study area is confined to 28 villages of Bongaigaon district of Assam. Both primary and secondary data pertaining to the study were collected from various sources. While the secondary data were collected from various government organizations, published documents and literatures. The primary data were collected from the villagers staying within the watershed area. Structured questionnaires were

used for collecting the primary data. The study team also visited many problem prone areas to obtain first-hand information of natural resources and their uses. Data and information thus collected have been analyzed to know about the characteristics of the problem and prospects. The following are the various steps of data collection & report preparation-

- Secondary data collection, preparations.
- Village meeting & Conduct of Participatory Rural Appraisal (PRA) techniques for problem identification, need assessment and selection of project activities. All the treatment plan and interventions are identified after elaborate PRA exercise.
- Socio Economic Survey of all Households in Watershed village.
- Collection of baseline data such as Demographic features, Livestock details, BPL status, Operational Holdings, Migration particulars, Details of Community Based Organization, Land features, Details of CPR, Crops & Cropping patterns, Soil classification & Erosion status, Climate & Hydrological features, Ground water status, Irrigation facilities, Status of water table, Quality and availability of drinking water, Water budget, Details of livelihoods.
- Problem Typology Analysis.
- Productivity & Livelihoods planning exercise.
- Institutional & Capacity Building plan (with support of Course Directors).
- Data Consolidation & Documentation of DPR.
- Integration of various spatial and non-spatial (attribute) data using the Geographical Information system (GIS). GIS software is an especially effective tool for watershed management. GIS software provides the ability to create a computerized database consisting of spatial (map or image) data.

## 5.2 Details of Natural Resource Management Activities

**Table No. 5.2.1 Soil and Moisture Conservation structures & Surface Water Treatment**

1	2	3	4	5		6	7	8	9	10	11	12		13
Sl. No.	Name of the Activities (Structures)	Name of the Village	Name of the Hamlet	Name of Beneficiaries	Unit	Dimension ( in M/ Sq. M / CuM) of Structure	Unit Cost	Total Cost (in Rs.)	Contribution	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)	GPS Points		Lat
												Long		
1	Agril Bund	Popragaon Part-I	Popragaon Part-I	All Villagers	RM	750	567	425250	21262.5	425250	4th Year	-	-	
2		Karebari	Karebari	All Villagers	RM	900	567	510300	25515	510300	2nd Year	-	-	
3		Bongaigaon Gasri Para	Bongaigaon Gasri Para	All Villagers	RM	700	567	396900	19845	396900	4th Year	26.4576	90.568	
4		Bongaigaon Dewri Para	Bongaigaon Dewri Para	All Villagers	RM	1250	567	708750	35437.5	708750	2nd Year	26.4549	90.569	
5		Mech Para	Mech Para	All Villagers	RM	1100	567	623700	31185	623700	2nd Year	26.4581	90.582	
6		Mech Para	Mech Para	All Villagers	RM	1400	567	793800	39690	793800	2nd Year	26.4601	90.578	
9		Bakhara Para Part-II	Bakhara Para Part-II	All Villagers	RM	700	567	396900	19845	396900	4th Year	26.4576	90.568	
11		Bhati Para - Part-II	Bhati Para - Part-II	All Villagers	RM	800	567	453600	22680	453600	1st Year	26.4311	90.559	
<b>Sub Total</b>						<b>7600</b>		<b>4309200</b>	<b>215460</b>	<b>4309200</b>				

1	2	3	4	5		6	7	8	9	10	11	12	13
Sl. No.	Name of the Activities (Structures)	Name of the Village	Name of the Hamlet	Name of Beneficiaries	Unit	Dimension ( in M/ Sq. M / CuM) of Structure	Unit Cost	Total Cost (in Rs.)	Contribution	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)	GPS Points	
												Long	Lat
1	Agril Bund (with Slab Culvert)	Jokurapara 1	Jokurapara 1	All Villagers	RM	1400	567	793800	39690	793800	1st Year	26.449	90.572
<b>Sub Total</b>						<b>1400</b>	<b>567</b>	<b>793800</b>	<b>39690</b>	<b>793800</b>			
1	Brick Canal (Slab Culvert)	Jokurapara 1	Jokurapara 1	All Villagers	RM	250	2560	640000	32000	640000	5th Year	26.4458	90.589
<b>Sub Total</b>						<b>250</b>	<b>2560</b>	<b>640000</b>	<b>32000</b>	<b>640000</b>			
1	Brick Canal	Kharija Dolaigaon Part-I	Kharija Dolaigaon Part-I	All Villagers	RM	150	2560	384000	19200	384000	1st Year	26.493	90.565
2		Hira Para	Hira Para	All Villagers	RM	400	2560	1024000	51200	1024000	2nd Year	26.3692	90.591
3		Popragaon Part-I	Popragaon Part-I	All Villagers	RM	350	2560	896000	44800	896000	2nd Year	26.4258	90.579
4		Karebari	Karebari	All Villagers	RM	300	2560	768000	38400	768000	3rd Year	26.4258	90.549
5		Popragaon Part-II	Popragaon Part-II	All Villagers	RM	300	2560	768000	38400	768000	1st Year	26.4458	90.509
6		Popragaon Part-II	Popragaon Part-II	All Villagers	RM	380	2560	972800	48640	972800	1st Year	26.4158	90.433

1	2	3	4	5		6	7	8	9	10	11	12	13
Sl. No.	Name of the Activities (Structures)	Name of the Village	Name of the Hamlet	Name of Beneficiaries	Unit	Dimension ( in M/ Sq. M / CuM) of Structure	Unit Cost	Total Cost (in Rs.)	Contribution	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)	GPS Points	
												Long	Lat
7		Jokurapara 1	Jokurapara 1	All Villagers	RM	300	2560	768000	38400	768000	2nd Year	26.4458	90.589
8		Bongaigaon Gasri Para	Bongaigaon Gasri Para	All Villagers	RM	200	2560	512000	25600	512000	3rd Year	26.4512	90.55
9		Bongaigaon Dewri Para	Bongaigaon Dewri Para	All Villagers	RM	300	2560	768000	38400	768000	1st Year	26.4532	90.566
10		Bongaigaon Dewri Para	Bongaigaon Dewri Para	All Villagers	RM	230	2560	588800	29440	588800	1st Year	26.4468	90.565
11		Bongaigaon Dewri Para	Bongaigaon Dewri Para	All Villagers	RM	240	2560	614400	30720	614400	1st Year	26.4495	90.554
12		Mech Para	Mech Para	All Villagers	RM	380	2560	972800	48640	972800	2nd Year	26.4632	90.578
13		Bakhara Para	Bakhara Para	All Villagers	RM	160	2560	409600	20480	409600	4th Year	26.4398	90.579
14		Kashidoba	Kashidoba	All Villagers	RM	200	2560	512000	25600	512000	1st Year	26.4237	90.598
15		Bhati Para Part-I	Bhati Para Part-I	All Villagers	RM	200	2560	512000	25600	512000	4th Year	26.433	90.568
16		Bhati Para Part-I	Bhati Para Part-I	All Villagers	RM	200	2560	512000	25600	512000	3rd Year	26.4284	90.565
<b>Sub Total</b>						<b>4290</b>	<b>40960</b>	<b>10982400</b>	<b>549120</b>	<b>10982400</b>			

1	2	3	4	5		6	7	8	9	10	11	12	13
Sl. No.	Name of the Activities (Structures)	Name of the Village	Name of the Hamlet	Name of Beneficiaries	Unit	Dimension ( in M/ Sq. M / CuM) of Structure	Unit Cost	Total Cost (in Rs.)	Contribution	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)	GPS Points	
												Long	Lat
<b>Total</b>								<b>16725400</b>	<b>836270</b>	<b>16725400</b>			

**Table No. 5.2.2 Water Harvesting Structures**

1	2	3	4	5		6	7	8	9	10	11	12	13
Sl. No.	Name of the Activities (Structures)	Name of the Village	Name of the Hamlet	Name of Beneficiaries	Unit	Dimension ( in M/ Sq. M / CuM) of Structure	Unit Cost	Total Cost (in Rs.)	Contribution	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)	GPS Points	
												Long	Lat
1	Drainage Channel	Nayapara Part-I	Nayapara Part-I	All Villagers	RM	2500	330	825000	41250	825000	1st Year	26.4179	90.1244
2		Bongaigaon Dewri Para	Bongaigaon Dewri Para	All Villagers	RM	2895	330	955350	47768	955350	3rd Year	26.4510	90.5675
3		Jogi Para	Jogi Para	All Villagers	RM	3000	330	990000	49500	990000	1st Year	26.4458	90.5886
<b>Sub Total</b>						<b>8395</b>		<b>2770350</b>	<b>138518</b>	<b>2770350</b>			
1	Development of community pond	Popragaon Part-I	Popragaon Part-I	-	Sqm	4000	233	932000	46600	932000	3rd Year	26.1325	90.4120
<b>Sub Total</b>						<b>4000.0</b>	<b>233.0</b>	<b>932000</b>	<b>46600</b>	<b>932000</b>			
1	Pond	Kharija Dolaigaon Part-II	Kharija Dolaigaon Part-II	-	Sqm	1700	233	396100	19805	396100	2nd Year	26.4901	90.5765
2		Chapra Kata Part-I	Chapra Kata Part-I	-	Sqm	2150	233	500950	25048	500950	5th Year	26.3265	90.4287
3		Popragaon Part-I	Popragaon Part-I	-	Sqm	1700	233	396100	19805	396100	5th Year	26.1226	90.6622
4		Mech Para	Mech Para	-	Sqm	2600	233	605800	30290	605800	3rd Year	26.4608	90.5745
5		Betbari	Betbari	-	Sqm	1700	233	396100	19805	396100	5th Year	26.3965	90.6287
5		Betbari	Betbari	-	Sqm	2600	233	605800	30290	605800	2nd Year	26.4330	90.5864
<b>Sub Total</b>						<b>12450</b>	<b>1398</b>	<b>2900850</b>	<b>145043</b>	<b>2900850</b>			
1	RCC check dam	Chapra Kata Part-II	Chapra Kata Part-II	All Villagers	RM	22	62700	1379400	68970	1379400	2nd Year	26.3965	90.6287

1	2	3	4	5		6	7	8	9	10	11	12	13	
Sl. No.	Name of the Activities (Structures)	Name of the Village	Name of the Hamlet	Name of Beneficiaries	Unit	Dimension ( in M/ Sq. M / CuM) of Structure	Unit Cost	Total Cost (in Rs.)	Contribution	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)	GPS Points		
												Long	Lat	
2		Nayapara Part-II	Nayapara Part-II	All Villagers	RM	24	62700	1504800	75240	1504800	1st Year	26.4842	90.5911	
3		Rava Para	Bhauriakata	All Villagers	RM	24	62700	1504800	75240	1504800	3rd Year	26.3731	90.6288	
4		Chakra Kata Part-III	Bhauriakata	All Villagers	RM	24	62700	1504800	75240	1504800	2nd Year	26.3685	90.6659	
5		Chitkagaon	Chitkagaon	All Villagers	RM	30	62700	1881000	94050	1881000	1st Year	26.4624	90.6013	
6		Betbari	Betbari	All Villagers	RM	24	62700	1504800	75240	1504800	1st Year	26.4370	90.5951	
7		Betbari	Betbari	All Villagers	RM	16	62700	1003200	50160	1003200	2nd Year	26.4365	90.5900	
8		Bhati Para Part-I	Bhati Para Part-I	All Villagers	RM	22	62700	1379400	68970	1379400	3rd Year	26.4226	90.5622	
9		Betbari	Betbari	All Villagers	RM	20	62700	1254000	62700	1254000	2nd Year	26.4331	90.5865	
<b>Sub Total</b>						<b>206</b>		<b>12916200</b>	<b>645810</b>	<b>12916200</b>				
<b>Total</b>									<b>19519400</b>	<b>975970</b>	<b>19519400</b>			

**Table No. 5.2.3 Vegetative Covers**

1	2	3	4	5		6		7	8	9	10	11	
Sl. No.	Name of the Activities	Name of the Village	Name of the Hamlet	Name of Beneficiaries	Unit	Area (in Hec)	Unit Cost	Total Cost (in Rs.)	Contribution	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)	GPS Points	
												Long	Lat
1	Horticulture Plantation	Kharija Dolaigaon Part-I	Kharija Dolaigaon Part-I	All Villagers	Hec	0.530021	241500	128000	6400	128000	1st year	26.493034	90.565287
2		Nayapara Part-I	Nayapara Part-I	All Villagers	Hec	0.685	241500	165428	8271	165428	3rd year	26.484225	90.591088
3		Chapra Kata Part-II	Chapra Kata Part-II	All Villagers	Hec	0.52	241500	125580	6279	125580	3rd year	26.36852	90.66588
4		Hira Para	Hira Para	All Villagers	Hec	0.74	241500	178710	8936	178710	2nd year	26.467275	90.59203
5		Chitkagaon	Chitkagaon	All Villagers	Hec	0.516	241500	124614	6231	124614	2nd year	26.46222	90.59587
6		Popragaon Part-I	Popragaon Part-I	All Villagers	Hec	0.532	241500	128478	6424	128478	4th year	26.509836	90.610336
7		Popragaon Part-II	Popragaon Part-II	All Villagers	Hec	0.478815	241500	115634	5782	115634	1st year	26.501782	90.603964
8		Popragaon Part-II	Popragaon Part-II	All Villagers	Hec	0.28962	241500	69943.2	3497	69943.2	3rd year	26.499244	90.607498

1	2	3	4	5		6		7	8	9	10	11	
Sl. No.	Name of the Activities	Name of the Village	Name of the Hamlet	Name of Beneficiaries	Unit	Area (in Hec)	Unit Cost	Total Cost (in Rs.)	Contribution	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)	GPS Points	
												Long	Lat
9		Popragaon Part-II	Popragaon Part-II	All Villagers	Hec	0.081565	241500	19697.9	985	19697.9	5th year	26.506515	90.594609
10		Betbari	Betbari	All Villagers	Hec	0.3	241500	72450	3623	72450	3rd year	26.396496	90.628739
11		Betbari	Betbari	All Villagers	Hec	0.48	241500	115920	5796	115920	4th year	26.43299	90.586406
12		Bhati Para Part-I	Bhati Para Part-I	All Villagers	Hec	0.25118	241500	60660	3033	60660	2nd year	26.431052	90.558514
13		Bhati Para Part-I	Bhati Para Part-I	All Villagers	Hec	0.06551	241500	15820.7	791	15820.7	4th year	26.431052	90.558514
14		Bhati Para Part-I	Bhati Para Part-I	All Villagers	Hec	0.1982442	241500	47876	2394	47876	5th year	26.431052	90.558514
<b>Sub Total</b>						<b>5.667955</b>		<b>1E+06</b>	<b>68441</b>	<b>1368811</b>			
<b>Total</b>						<b>5.667955</b>	<b>0</b>	<b>1E+06</b>	<b>68441</b>	<b>1368811</b>			

**Table No.5.3.1 : Engineering structures for Soil Conservation Measures (SMC)**

1	2			3		4					
Sl. No.	Name of structures	Area (ha)	Farmers	Total units (No./cu.m./rmt)	UNIT COST (Rs)	Proposed plan Estimated cost* (Rs. in lakh)				Farmers contribution	Grant Portion
						M	W	O	T	(Rs. in lakh)	(Rs. in lakh)
A	PRIVATE LAND										
1	Agril Bund			7600	567	4.31	36.63	2.15	43.09	4.31	43.09
3	Agril Bund (with Slab Culvert)			1400	567	3.18	3.97	0.79	7.94	0.79	7.94
5	Brick Canal (Slab Culvert)			250	2560	0.64	5.44	0.32	6.40	0.64	6.40
7	Brick Canal			4290	2560	10.98	93.35	5.49	109.82	10.98	109.82
<b>Grand total (A+B)</b>					<b>6254</b>	<b>19.107</b>	<b>139.3876</b>	<b>8.7596</b>	<b>167.254</b>	<b>16.7254</b>	<b>167.254</b>

(M – Materials, W- wages, O- others, T – Total)

**5.3.2: Details of engineering structures for Water Harvesting WHS**

1	2	3		4					
Sl. No.	Name of structures	Total units (No./cu.m./rmt)	UNIT COST (Rs)	Proposed plan Estimated cost* (Rs. in lakh)				Farmers contribution (Rs)	
				M	W	O	T		
				<b>A2</b>	<b>Common structures</b>				
1	Drainage Channel	8395	330	5.54	19.39	2.77	27.70	277035.00	
2	Development of community pond	4000	233	1.86	6.52	0.93	9.32	93200.00	
3	Pond	12450	233	5.80	20.31	2.90	29.01	290085.00	
4	RCC check dam	206	62700	51.66	64.58	12.92	129.16	1291620.00	
<b>Grand total</b>					<b>64.87</b>	<b>110.80</b>	<b>19.52</b>	<b>195.19</b>	<b>1951940.00</b>

**Table No. 5.3.3: Details of activities connected with vegetative cover in watershed works**

1	2	3	4			
Sl. No.	Name of structure/ work	Area (sqm)	Unit Cost(Rs)	Proposed plan		
				Estimated cost (Rs. in lakh)	Farmer Contribution (Rs. in lakh)	Grant (Rs. in lakh)
1	Horticulture Plantation	5.667955	241500	13.69	68440.56	13.69
<b>Grand total</b>				<b>13.69</b>	<b>68440.56</b>	<b>13.69</b>

## Chapter 6

### Capacity Building Plan (FINANCIAL)

**Table No. 6.1 Details of Capacity Building (Financial) (Rs. in Lakh)**

1	2	3	4	5	6	7	8	9	10
Sl. No.	Name of the Training & Exposure ( Knowledge, Skill, etc. at both Being and Doing level)	Number of events	Number of Participants in an event	Total Number of days per event	Total Trainedays (= 3 x 4 x 5)	Cost per Traineday (in Rs)	Total Cost required for the programme (= 6 x 7 ; in Rs.)	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd /4th/5th)
<b>Mass Meeting</b>									
1	MassMeeting	10	500	1	5000	22.07	110352	110352	1st, 3rd , 4th
<b>Subtotal</b>		<b>10</b>	<b>500</b>	<b>1</b>	<b>5000</b>	<b>22.07</b>	<b>110352</b>	<b>110352</b>	
<b>Awarness Meeting</b>									
1	Awarness Meeting	25	200	1	5000	44.14	220704	220704	1st, 2nd
<b>Subtotal</b>		<b>25</b>	<b>200</b>	<b>1</b>	<b>5000</b>	<b>44.14</b>	<b>220704</b>	<b>220704</b>	
<b>Publicity Materials</b>									
1	Publicity Materials	-	-	-	-	-	165528	165528	1st, 2nd
<b>Subtotal</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>165528</b>	<b>165528</b>	
<b>Institutional Building</b>									
1	WC Formation & Registration, etc.	-	-	-	-	-	82764	82764	1st, 2nd
2	UG Formation	-	-	-	-	-	82764	82764	2nd, 3rd, 4th, 5th
3	SHG Formation	-	-	-	-	-	<b>82764</b>	82764	2nd, 3rd, 4th, 5th
<b>Subtotal</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>248292</b>	<b>248292</b>	
<b>TRAINING</b>									
1	DWDU	2	60	1	120	1379	165528	165528	1st Year
2	PIA/WDT	7	20	2	280	887	248292	248292	1st, 2nd , 3rd, 4th
3	Watershed Committee	10	11	2	220	1254	275880	275880	2nd, 3rd

1	2	3	4	5	6	7	8	9	10
Sl. No.	Name of the Training & Exposure ( Knowledge, Skill, etc. at both Being and Doing level)	Number of events	Number of Participants in an event	Total Number of days per event	Total Trainedays (= 3 x 4 x 5)	Cost per Traineday (in Rs)	Total Cost required for the programme (= 6 x7 ; in Rs.)	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd /4th/5th)
4	User Group	12	20	2	480	546	262086	262086	2nd. 3rd, 4th, 5th
3	SHG	12	20	2	480	575	275880	275880	2nd. 3rd, 4th, 5th
<b>Subtotal</b>		<b>43</b>	<b>131</b>	<b>9</b>	<b>1580</b>	<b>4641</b>	<b>1227666</b>	<b>1227666</b>	
<b>EXPOSURE VISIT</b>									
1	Farmers/ WC Members	4	20	4	320	1078	344850	344850	2nd. 3rd, 4th, 5th
2	PIA/WDT	4	10	4	160	1207	193116	193116	2nd. 3rd, 4th, 5th
<b>Subtotal</b>		<b>8</b>	<b>30</b>	<b>8</b>	<b>480</b>	<b>2285</b>	<b>537966</b>	<b>537966</b>	
<b>PARTICIPATION IN EXHIBITION</b>									
1	SHG/UG	2	20	4	160	1035	165528	165528	2nd. 3rd, 4th, 5th
<b>Subtotal</b>		<b>2</b>	<b>20</b>	<b>4</b>	<b>160</b>	<b>1035</b>	<b>165528</b>	<b>165528</b>	
<b>SEMINER &amp; WORKSHOP</b>									
1	Seminer & Workshop	1	100	1	100	828	82764	82764	2nd Year, 4th Year
<b>Subtotal</b>		<b>1</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>828</b>	<b>82764</b>	<b>82764</b>	
<b>GRAND TOTAL</b>		<b>89</b>	<b>981</b>	<b>24</b>	<b>12320</b>	<b>8854</b>	<b>2758800</b>	<b>2758800</b>	

## Chapter 7

### Phasing of programme and Budgeting

**Table No. 7.1: Phasing of the action plan**

1	2	3	4	5	6		7		8		9		10		11	
Sl.No	Component	Activities	Unit	Unit Cost	1 year		2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year		5 <sup>th</sup> year		Total	
				(Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
1	<b>Entry Point Activities (2%)</b>															
	a)	Waiting shed at Bongaigaon Dewri Para	No.	400000	1	400000	0	0	0	0	0	0	0	0	1	400000
	b)	Waiting shed at Popragaon Part-I	No.	400000	1	400000	0	0	0	0	0	0	0	0	1	400000
	c)	Farmer Rest Shed at Bhati Para - Part-II	No.	400290	1	400290	0	0	0	0	0	0	0	0	1	400290
	d)	Farmer Rest Shed at Bakhara Para Part-I	No.	400290	1	400290	0	0	0	0	0	0	0	0	1	400290
<b>Sub Total of Entry Point Activity</b>						<b>4</b>	<b>1600579</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>1600579</b>
2	<b>Institution &amp; Capacity Building (3%)</b>															
	i)	Poor HHs in Watersheds to be covered under SHGs														
		SC	No.	-	0	-	33	-	66	-	66	-	66	-	231	-

1	2	3	4	5		6		7		8		9		10		11		
				Unit Cost	1 year		2nd year		3rd year		4th year		5th year		Total			
					(Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	
Sl.No	Component	Activities	Unit															
		ST	No.	-	0	-	11	-	11	-	11	-	11	-	44	-		
		BC	No.	-	0	-	88	-	132	-	132	-	132	-	484	-		
		OC	No.	-	0	-	88	-	132	-	132	-	132	-	484	-		
	ii)	Awareness Generation (events) to be conducted				120000			24000		24000		24000					
		Pamphlets distribution	No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Wall posters	No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Wall writings/Flex Postering	No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Mass meetings	No.	-		48000	0	24000	0	24000	0	0	0	0	0	0	96000	
	iii)	Orientation programmes to GP, WC,UG, SHG,VO, VSS, WUA, Societies, Elected reps.	No.															
	iv)	Formation of UGs	No.		0	0	0	8000	0	6000	0	5000	0	2000	0	21000		
		No. of women	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		No. of men	No.	-	-	-	150	-	420	-	210	-	340	-	-	-	1120	
	vi)	Formation of Watershed Committee	No.		0	13000	0	38000	0	0	0	0	0	0	0	51000		
		No. of women	No.	-	12	-	-	-	-	-	-	-	-	-	-	-	12	
		No. of men	No.		60	-	-	-	-	-	-	-	-	-	-	-	60	
	vii)	Regular																

1	2	3	4	5		6		7		8		9		10		11					
				Unit Cost	1 year		2nd year		3rd year		4th year		5th year		Total						
					(Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)				
Sl.No	Component	Activities	Unit																		
					Meetings to be conducted																
					Watershed Committee	No.															
					UGs/LGs	No.															
					VO/SHGs	No.															
					Gram Panchayat	No.															
				viii)	No. of Planning events	No.															
				ix)	Registration of WC	No.															
				x)	Self Monitoring events (planning, review of activities through tool)	No.															
				xi)	Convergence meetings with LDs/other institutions	No.															
				xii)	Social Audit events	No.															
				xiii)	<b>Trainings &amp; Exposures</b>																
				a)	DWDU Level	No.Trgs	2	1	0	1	0	0	0	0	0	0	0	0	2	-	
	Women	No.	-	10	-	10	-	-	-	-	-	-	-	-	20	-					
	Men	No.		50		50	-	-	-	-	-	-	-		100	-					
b)	On PIA Level	No. trgs	7	1	-	2	-	2	-	2	-	-	-	-	7	-					

1	2	3	4	5		6		7		8		9		10		11	
				Unit Cost	1 year		2nd year		3rd year		4th year		5th year		Total		
					(Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
Sl.No	Component	Activities	Unit	-	5	-	10	-	10	-	-	-	-	-	25	-	
				Women	No.	-	5	-	10	-	10	-	-	-	-	-	25
					-	15	-	30	-	30	-	-	-	-	75	-	
		Men	No.	-	15	-	30	-	30	-	-	-	-	-	75	-	
	c)	On WC Level	No. trgs	10	0	-	5	-	5	-	-	-	-	-	10	-	
		Women	No.	-	0	-	25	-	25	-	-	-	-	-	50	-	
		Men	No.	-	0	-	30	-	30	-	-	-	-	-	60	-	
	c)	On Natural Resource Management	No. trgs	12	0	-	4	-	4	-	2	-	2	-	8	-	
		Women	No.	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Men	No.	240	-	-	80	-	80	-	40	-	40	-	240	-	
	d)	On Enterprise Promotion	No. trgs	6	-	-	2	-	2	-	1	-	1	-	6	-	
		Women	No.	100	-	-	30	-	30	-	15	-	15	-	90	-	
		Men	No.	20	-	-	10	-	10	-	5	-	5	-	30	-	
	e)	On Productivity Enhancement	No. trgs	6	-	-	2	-	2	-	1	-	1	-	6	-	
		Women	No.	100	-	-	30	-	30	-	15	-	15	-	90	-	
		Men	No.	20	-	-	10	-	10	-	5	-	5	-	30	-	
	f)	Exposure Visits	Nos	8	-	-	3	-	1	-	2	-	2	-	8	-	
		Women	No.	40	-	-	15	-	5	-	10	-	10	-	40	-	
	Men	No.	80	-	-	30	-	10	-	20	-	20	-	80	-		
	<b>Sub Total IB &amp; CB {Do not sum Men &amp; Women under CB events (a to f)}[1]</b>					<b>0</b>	<b>1200434</b>	<b>0</b>	<b>400145</b>	<b>0</b>	<b>400145</b>	<b>0</b>	<b>200072</b>	<b>0</b>	<b>200072</b>	<b>0</b>	<b>2400869</b>
<b>3</b>	<b>Productivity Enhancement - Production system &amp; Micro</b>																

1	2	3	4	5		6		7		8		9		10		11	
				Unit Cost	1 year		2nd year		3rd year		4th year		5th year		Total		
					(Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
3	<b>Enterprises (15%)</b>																
	a)	Apple Bear Cultivation	NO	44000	7	308000	12	528000	16	704000	13	572000	6	264000	54	2376000	
	b)	Assam Lemon Cultivation	NO	44000	3	132000	14	616000	24	1056000	12	528000	3	132000	56	2464000	
	c)	Bananna Cultivation	NO	44000	0	0	7	308000	32	1408000	14	616000	0	0	53	2332000	
	d)	Fishery	NO	44000	4	176000	14	616000	18	792000	14	616000	4	176000	54	2376000	
	e)	Papaya Cultivation (Red Lady)	NO	44000	4	176000	7	308000	19	836000	24	1056000	1	44000	55	2420000	
	f)	Vermi Composting	NO	18172	0	0	1	18172	0	0	1	18172	0	0	2	36344	
	<b>Sub-Total PE</b>					<b>18</b>	<b>792000</b>	<b>55</b>	<b>2394172</b>	<b>109</b>	<b>4796000</b>	<b>78</b>	<b>3406172</b>	<b>14</b>	<b>616000</b>	<b>274</b>	<b>12004344</b>
4	<b>Enterprise Promotion - Livelihood Activities for Assetless Poor (15%)</b>																
	a)	Broiler Farming Unit	NO	25000	7	175000	10	250000	18	450000	20	500000	4	100000	59	1475000	
	b)	Dairy	NO	25000	4	100000	8	200000	10	250000	11	275000	3	75000	36	900000	
	c)	Duckery	NO	25000	7	175000	12	300000	40	1000000	37	925000	6	150000	102	2550000	
	d)	Goatry	NO	25000	4	100000	11	275000	35	875000	22	550000	3	75000	75	1875000	
	e)	Piggery	NO	25000	6	150000	12	300000	24	600000	15	375000	6	150000	63	1575000	
	f)	Poultry	NO	25000	3	75000	19	475000	46	1150000	35	875000	6	150000	109	2725000	
	g)	Weaving Centre	NO	25000	0	0	8	200000	19	475000	4	100000	4	100000	35	875000	
	h)	Supari Making	NO	14672	2	29344	0	0	0	0	0	0	0	0	2	29344	
<b>Sub-Total LA</b>					<b>33</b>	<b>804344</b>	<b>80</b>	<b>2000000</b>	<b>192</b>	<b>4800000</b>	<b>144</b>	<b>3600000</b>	<b>32</b>	<b>800000</b>	<b>481</b>	<b>12004344</b>	
5	<b>Natural Resource Management (47%)</b>																

1	2	3	4	5		6		7		8		9		10		11				
				Unit Cost	1 year		2nd year		3rd year		4th year		5th year		Total					
					(Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)			
Sl.No	<b>I</b>	<b>WHS (MI Works)</b>																		
	a)	Pond	SQM	233	0	0	4300	1001900	2600	605800	0	0	5550	1293150	12450	2900850				
	b)	Development of community pond	CUM	233	0	0	0	0	4000	932000	0	0	0	0	4000	932000				
	c)	RCC check Dam	SQM	62700	78	4890600	82	5141400	46	288420	0	0	0	0	206	12916200				
	d)	Drainage Channel	RM	330	550	1815000	0	0	2895	955350	0	0	0	0	8395	2770350				
	<b>II</b>	<b>Soil Moisture Conservation (SMC)</b>																		
	a)	Agril Bund	RM	567	800	453600	4650	2636550	0.00	0	2150	1219050	0	0	7600	4309200				
	b)	Agril Bund (with Slab Culvert)	RM	567	140	793800	0	0	0	0	0	0	0	0	1400	793800				
	c)	Brick Canal (Slab Culvert)	RM	2560	0	0	0	0	0	0	0	0	250	640000	250	640000				
	d)	Brick Canal	RM	2560	180	4608000	1430	3660800	700	179200	360	921600	0	0	0	10982400				
	<b>III</b>	<b>Vegetative Covers</b>																		
	a)	Horticulture Plantation	Hec	241500	1.00	243633.89	1.507	363983.97	1.79	433400.73	1.077	260218.67	0.279	67573.922	5.667	1368811				
			<b>Sub Total NRM:</b>		<b>777</b>	<b>8</b>	<b>7953000</b>	<b>1046</b>	<b>2</b>	<b>12440650</b>	<b>102</b>	<b>716935</b>	<b>41</b>	<b>0</b>	<b>2510</b>	<b>2140650</b>	<b>5800</b>	<b>1933150</b>	<b>3430</b>	<b>1</b>
6	<b>Natural Resource Management Governance (2%)</b>																			
	<b>I</b>	<b>Maintenance of Natural Resources Related Assets</b>																		
	a)	Meeting with the members of	No.	5000	6	30000	6	30000	6	30000	6	30000	0	0	24	120000				

1	2	3	4	5		6		7		8		9		10		11	
				Unit Cost	1 year		2nd year		3rd year		4th year		5th year		Total		
					(Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
Sl.No		Gram Panchayat alongwith PRI members															
	b)	Preparation of over all Project Development Plan	No.	5000	3	15000	3	15000	3	15000	3	15000	0	0	12	60000	
	c)	Meeting for Annual Audit under Budgeting with GP and PRI members	No.	5000	0	0	6	30000	6	30000	6	30000	0	0	18	90000	
	<b>II</b>	<b># Water Budgeting, Management/ Regulatory Norms and Governance</b>															
	a)	Ground Water Monitoring (twice a year)	No.	10000	10	100000	10	100000	10	100000	10	100000	0	0	40	400000	
	b)	Training for the Monitoring Exercises	No.	16000	4	64000	4	64000	4	64000	4	64000	0	0	16	256000	
	<b>III</b>	<b>Protection and Regulation/ Regeneration of Common Lands (For the protection of the upper reaches of the watershed slopes)</b>											0	0			

1	2	3	4	5		6		7		8		9		10		11			
				Unit Cost	1 year		2nd year		3rd year		4th year		5th year		Total				
					(Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)		
Sl.No	Component	Activities	Unit																
				a)	Meeting with Departmental Officers & staff of Forest, Agriculture, Veterinary etc. for protection & regeneration/ regulation in upper reaches of	No.	5000	12	60000	9	45000	12	60000	12	60000	0	0	45	225000
				b)	Formation of User's Group & Mobility	No.	3000	35	105000	30	90000	25	75000	25	75000	0	0	115	345000
				c)	Formation of VouluntaryOrga nization & Mobility	No.	2615	10	26145	10	26145	10	26145	10	26145	0	0	40	104580
		<b>Sub Total NRM:</b>			<b>80</b>	<b>400145</b>	<b>78</b>	<b>400145</b>	<b>76</b>	<b>400145</b>	<b>76</b>	<b>400145</b>	<b>0</b>	<b>0</b>	<b>310</b>	<b>1600580</b>			
7	<b>Administration (10%)</b>																		
	a)	WC office expenditure	Rs.	6000	4	24000	4	24000	4	24000	4	24000	4	24000	20	120000			
	b)	WS secretary Salary	Rs.	18000	4	72000	4	72000	4	72000	4	72000	4	72000	20	360000			
	c)	Stationary & miscillaneous+S LNA+DWDU	Rs.			1504579		1504579		1504579		1504579		1504579	0	7522895			
		<b>Total</b>				<b>1600579</b>	<b>8</b>	<b>1600579</b>	<b>8</b>	<b>1600579</b>	<b>8</b>	<b>1600579</b>	<b>8</b>	<b>1600579</b>		<b>8002895</b>			
8	<b>Monitoring and Evaluation Cost (2%)</b>																		
	a)	Monitoring and Evalutation	Rs.	0	0	0	0	400144.8	0	400144.8	0	400145	0	400145	0	<b>1600579</b>			
		<b>Sub Total of</b>						<b>400145</b>		<b>400145</b>		<b>400145</b>		<b>400145</b>		<b>1600579</b>			

1	2	3	4	5	6		7		8		9		10		11	
Sl.No	Component	Activities	Unit	Unit Cost	1 year		2nd year		3rd year		4th year		5th year		Total	
				(Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
		<b>Monitoring and Evaluation:</b>														
9	<b>DPR (1%)</b>															
	a)	DPR Preparation	Rs.	0	0	800290	0	0	0	0	0	0	0	0	0	800290
		<b>Sub Total of DPR</b>				800290										800290
10	<b>Consolidation (3%)</b>															
	a)	Consolidation	Rs.	0	0	0	0	0	0	0	0	0	0	2400869	0	2400869
		<b>Sub Total of Consolidation</b>												2400869		2400869
		<b>Grand Total</b>				15151371		19635836		19566364		11747763		7950815		80028960

**Table No. 7.2 Estimated Benefit Cost Ratio**

<b>S.No.</b>	<b>Name of the activity</b>	<b>Total Cost (Rs.)</b>	<b>Total Benefit expected * (Rs.)</b>	<b>BCR</b>	<b>Remarks</b>
1	EPA	1600579	1760637	1.1	
2	NRM	37613611	54915872	1.46	
3	Prpductivity Enhancement	12004344	20407385	1.7	
4	Livelihood for Asset less	12004344	21607819	1.8	
5	Institution and Capacity building	2400869	2881043	1.2	
6	Overall	65623747	101572756	1.5	

\*kindly relate this with table no. 9.2 (expected outcomes)

## Chapter 8

### Consolidation and completion of various works

**Table No. 8.1: Consolidation of Action Plan**

Component	Fund Allocation by Year (Rs. In Lakh)					Total in Rs. In Lakh
	1st Year	2nd Year	3rd Year	4th Year	5th Year	
Administrative	16.005792	16.005792	16.005792	16.005792	16.005792	80.02896
Monitoring	0	4.001448	4.001448	4.001448	4.001448	16.005792
Entry point Activities	16.005792	0	0	0	0	16.005792
Institution & Capacitybuilding	12.004344	4.001448	4.001448	2.000724	2.000724	24.008688
DPR	8.002896	0	0	0	0	8.002896
Natural Resource Management	128.046336	128.046336	76.027512	24.008688	20.00724	376.136112
Production System	8.002896	24.008688	48.017376	34.012308	6.002172	120.04344
Natural Resource Management & Governance	4.001448	4.001448	4.001448	4.001448	0	16.005792
Livelihood Activities for the assetless persons Micro Enterprise & Business Development	8.002896	20.00724	48.017376	36.013032	8.002896	120.04344
Consolidation	0	0	0	0	24.008688	24.008688
<b>TOTAL</b>	<b>200.0724</b>	<b>200.0724</b>	<b>200.0724</b>	<b>120.04344</b>	<b>80.02896</b>	<b>800.2896</b>

## CHAPTER – 9

### EXPECTED OUTCOMES

**Table No. 9.2: Summarize in the table given below (Quantifiable indicators)**

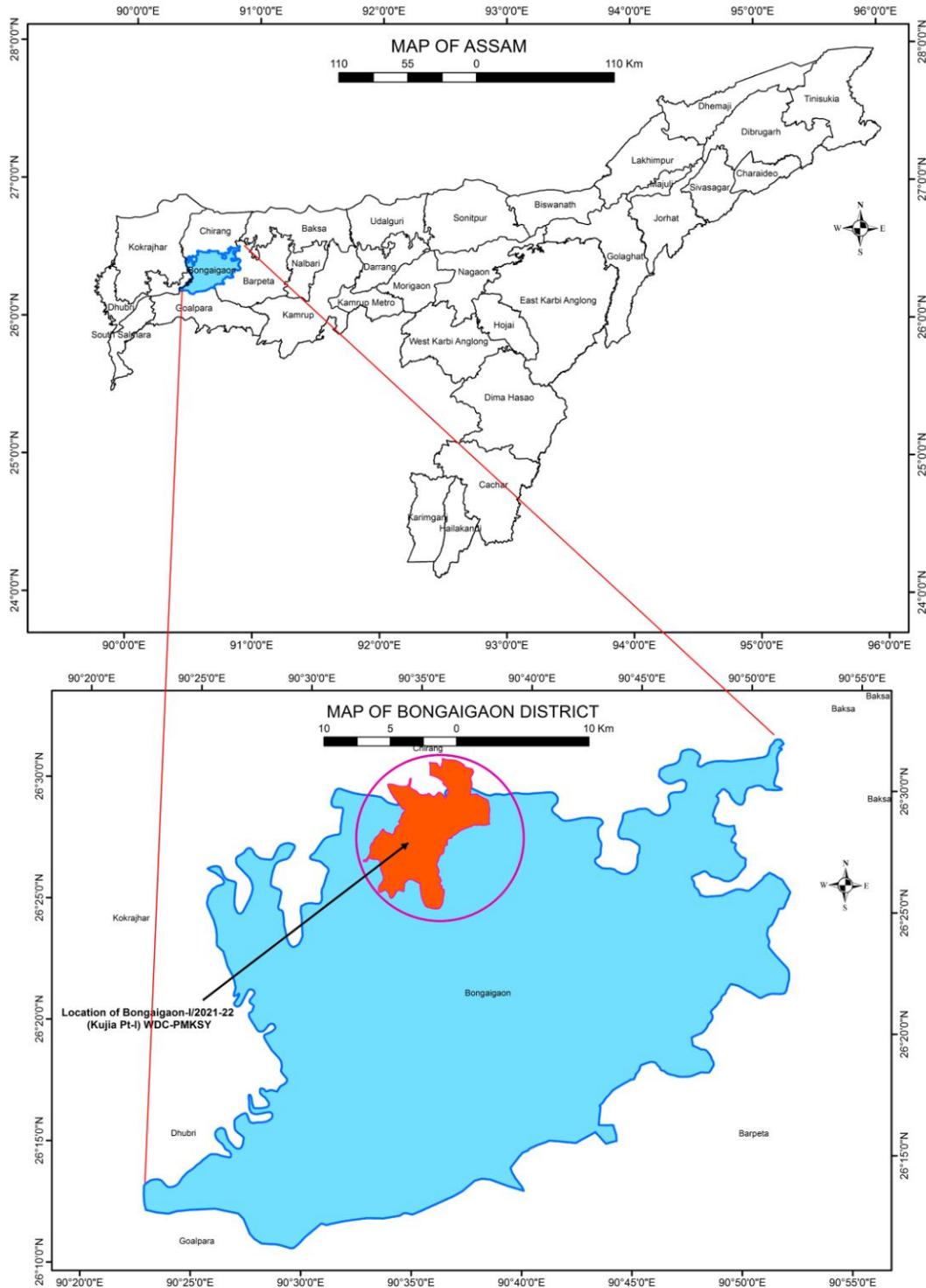
1	2	3	4	5	6
Sl. No.	Item	Unit of measurement	Pre-project Status	Expected Post-project Status	Remarks
1	Status of water table (Depth to Ground water level)	Meters	4	2.5	
2	Ground water structures repaired/ rejuvenated	No.	-	-	
3	Quality of drinking water	Description	Iron Content High	Potable	
4	Availability of drinking water	Description	15548 Ltr per day shortage	All HH will be connected with Pipe Water under JJM	
5	Increase in irrigation potential	Hec.	NA	1200 Ha	
6	Change in cropping/ land use pattern	Description	3638 Ha area under Single Crop	Double Crop/Multi Crop	Pre project there is 3638ha area under single crop which will be developed for Double & multi crop cultivation
7	Area under agricultural crop	Hec.			
	I Area under single crop	Hec.	3638	2100	
	ii Area under double crop	Hec.	84	2560	
	iii Area under multiple crop	Hec.	NA	1200	
8	Net increase in crop production area	Hec.	3638	5860	
9	Increase in area under Vegetation/Forest	Hec.	NA	NA	
10	Increase in area under horticulture	Hec.	NA	10 Ha	
11	Increase in area under fuel	Hec.	-	-	
12	Increase in area under Fodder	Hec.	-	-	
13	Increase in milk production	Litres/day	684	820	
14	Environmental Impact		10	4 Ton/Ha	
	Change in Soil Loss				

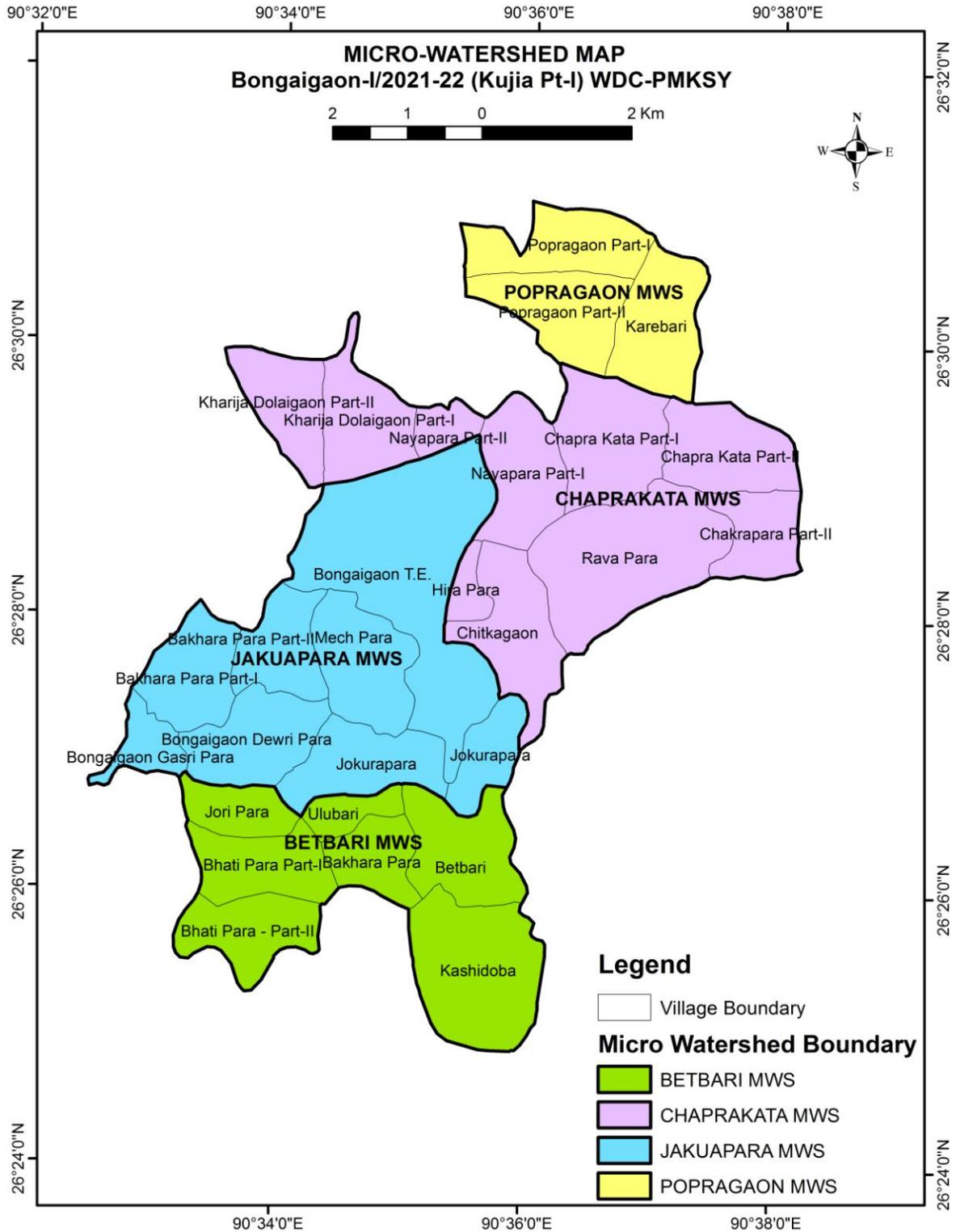
1	2	3	4	5	6
Sl. No.	Item	Unit of measurement	Pre-project Status	Expected Post-project Status	Remarks
	Perenniality of flow and change in Run-off		Ton/Ha		
	Recharge of ground water				
14	No. of SHGs Promoted	No.	43	793	
15	Increase in no. of livelihoods	No.	NA	481	
16	Increase in income	Rs.	Average income 1,57,500/-	Average 2,25000/-	
17	Status of Migration	No.	1235	200	
18	SHG Federations formed	No.	NA	70	
19	Credit linkage with banks	Rs.	-	-	
20	Resource use agreements		-	-	
21	WDF collection & management	Rs.	-	2632952/-	
22	Summary of lessons learnt	The ground water level in the ridge area is almost more than 4 mtr which can be reduce to average 2 mtr. Almost 54 numbers of new intervention proposed under water harvesting which will developed the ground water status as well as irrigated area of the watershed. Almost 274 numbers of unit of various horticulture crop for organic farming are proposed under Production System which will developed the watershed area as a organic hub of the district.			

**Table No.9.3: Backward and Forward Linkages**

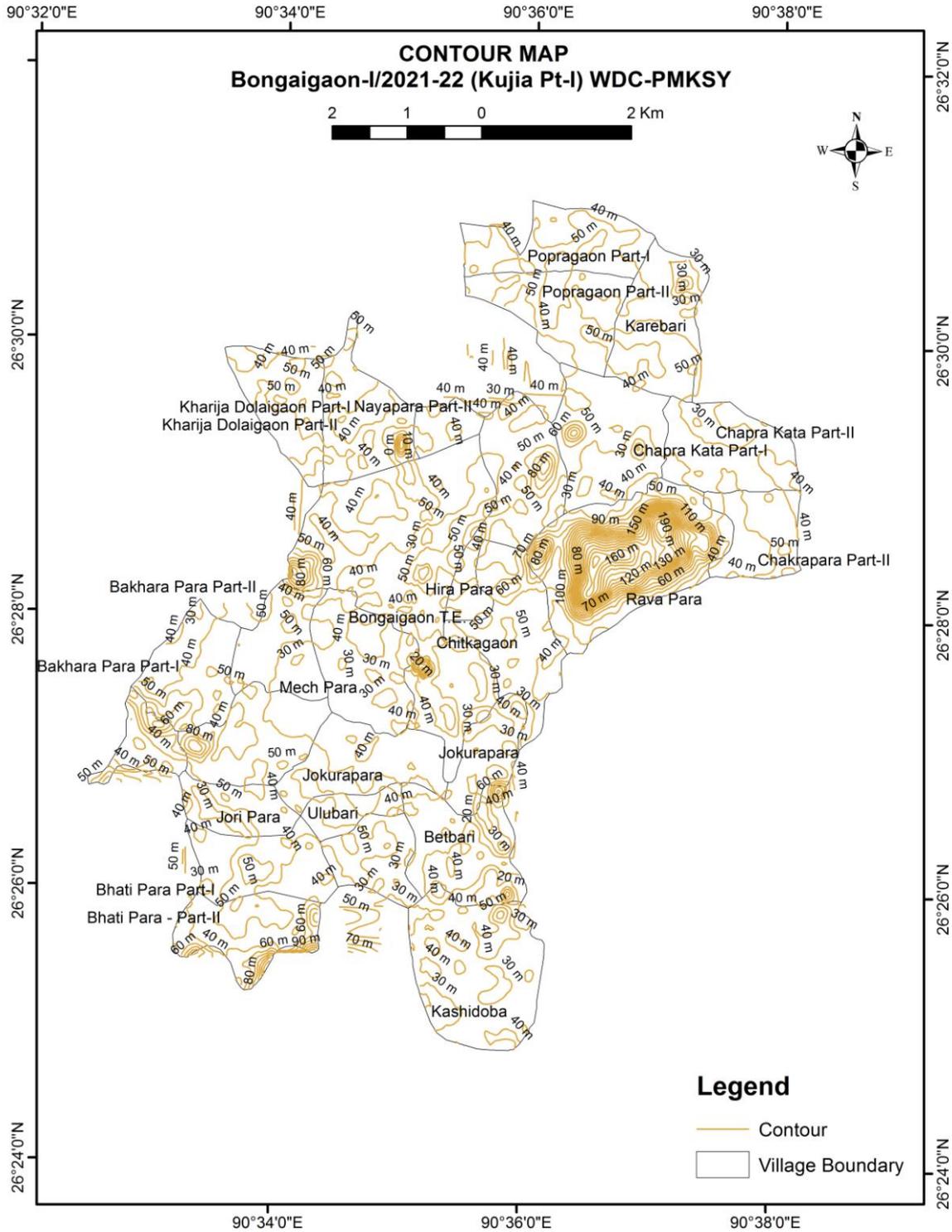
Type of Marketing Facility	Name of the institution	Pre-project (no.)	Expected post project status
<b>(A) Backward linkages</b>			
(i) Seed certification	Govt. of Assam	No	Will be done
(ii) Seed supply system	Co-operative and Agriculture Dept.	No	Strong Seed supply system will be developed
(iii) Fertilizer supply system	Co-operative and local fertilizer dealer	No	Strong Fertilizer supply system will be developed
(iv) Pesticide supply system	Local Pesticide Dealer	No	Strong Pesticide supply system will be developed
(v) Credit institutions	Co-operative Bank, SHG, Local Bank, Nodal Bank etc.	SHG	Internal Credit link will be developed among SHG, Local Bank, Co-operative Bank etc. and external credit link from commercial / nodal banks.
(vi) Water supply	Water User Group	No	Will be developed
(vii) Extension services	KVK, ATMA, Agriculture Dept, NGOs	ATMA, Agri Dept, NGO	Strong extension services will be developed among all institutions
(viii) Nurseries	SHG, Horticulture Nursery, Local Nursery	Local Nursery	Strong extension services will be developed among all institutions
(ix) Tools/machinery suppliers	Ag Deptt	Ag Deptt	Will Continued
(x) Price Support system	Ag Deptt, Vetty Dept.	Ag Deptt	Will Continued
(xi) Labour	Local wage labour	Local wage labour	Strong network will be developed
<b>(B) Forward linkages</b>			
(i) Harvesting/threshing machinery	Local level	Local level	Strong network will be developed
(ii) Storage (including cold storage)	Local level	Local level	Strong network will be developed
(iii) Road network	Local level	Local level	Strong network develop
(iv) Transport facilities	Local level	Local level	Strong network develop
(v) Markets / Mandis	Local committee, Cooperative	No	Institution will take initiative so that beneficiaries will get better opportunities.
(vi) Agro and other Industries	Local committee, Cooperative	No	Institution will take initiative so that beneficiaries will get better opportunities.
(vii) Milk and other collection centres	Local committee, Cooperative	No	Institution will take initiative so that beneficiaries will get better opportunities.

# Location Map Bongaigaon-I/2021-22 (Kujia Pt-I) WDC-PMKSY

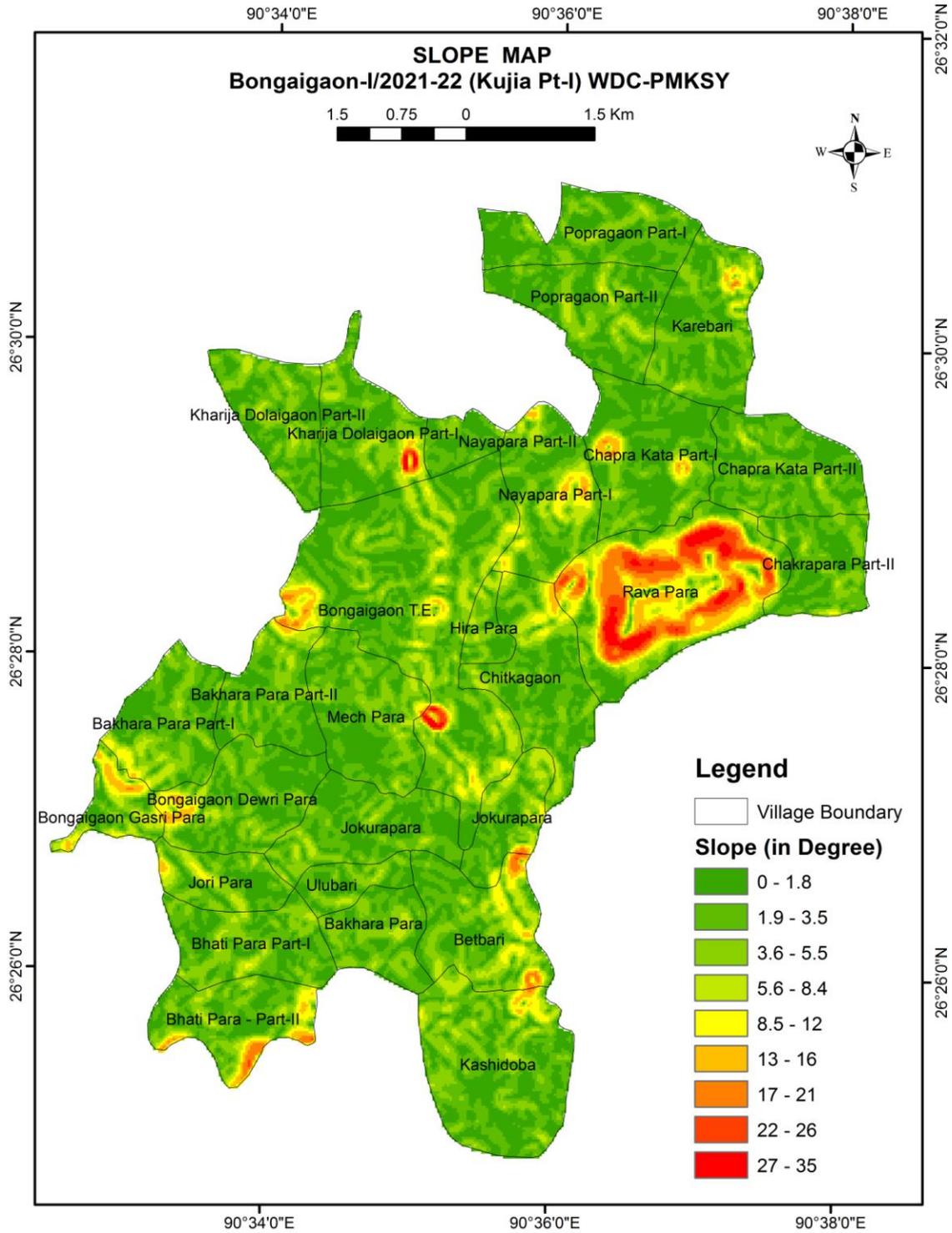




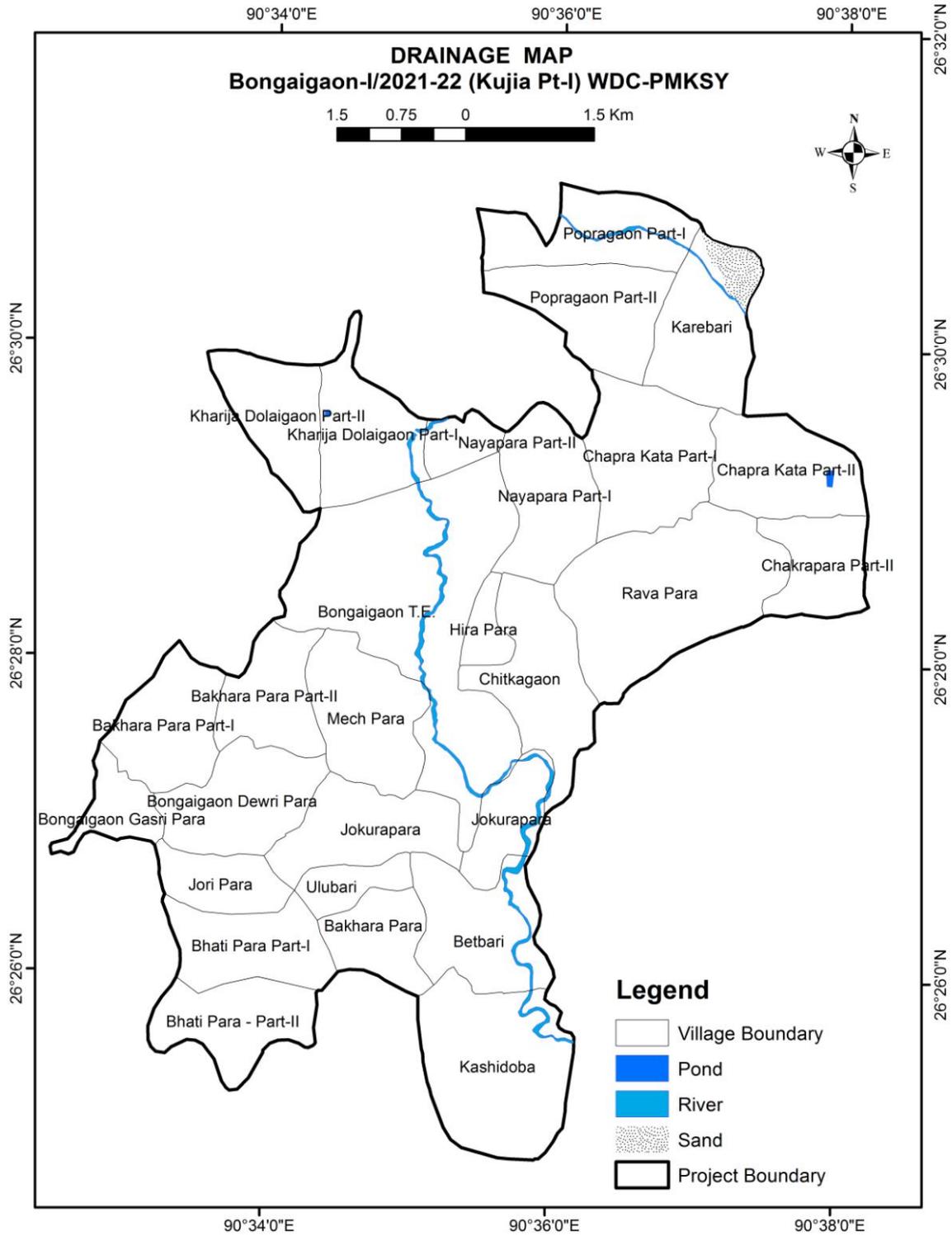
Source: Village Boundary, Census of India



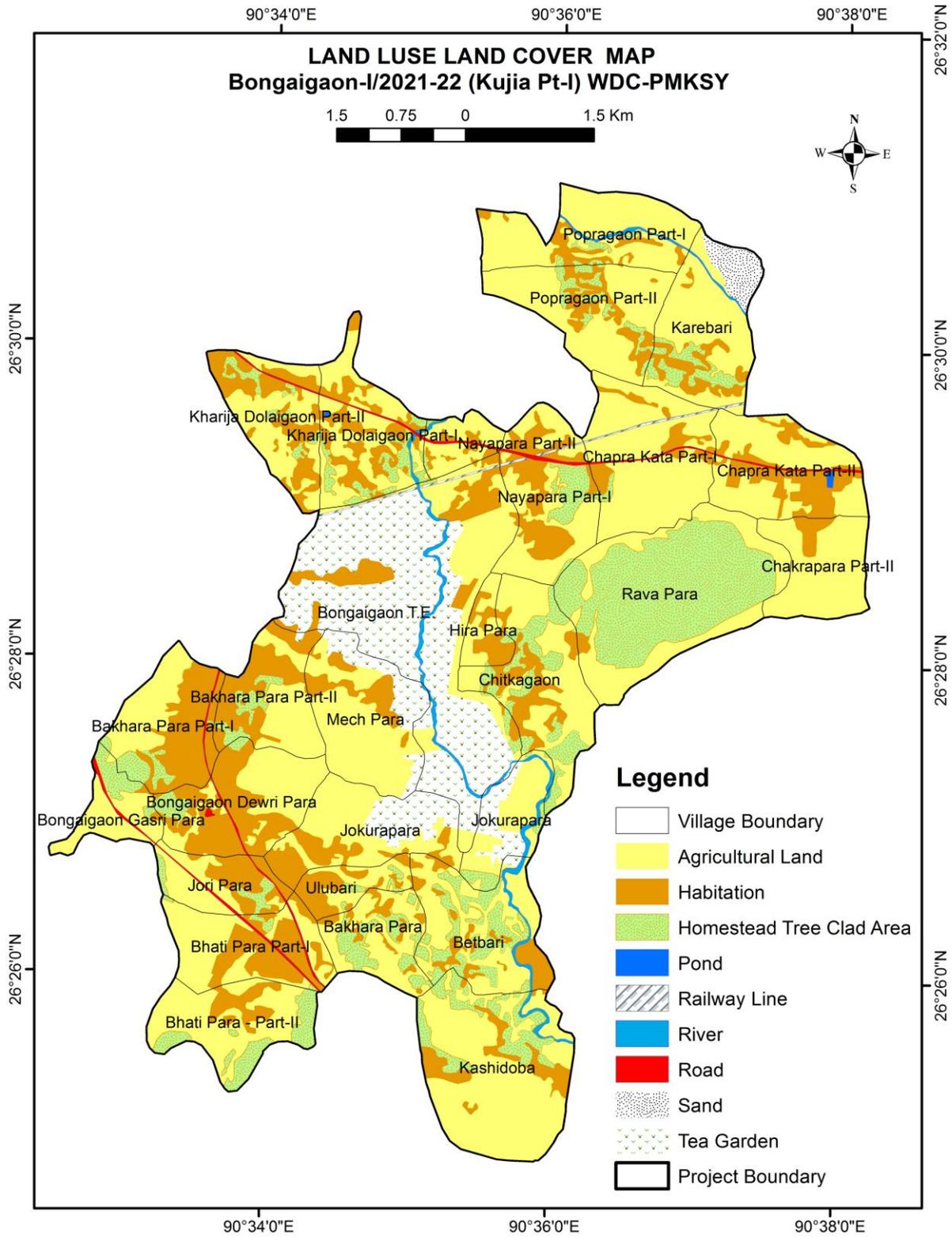
Source: Generated from DEM (Cartosat-1, Carto DEM Ver 3-R1)



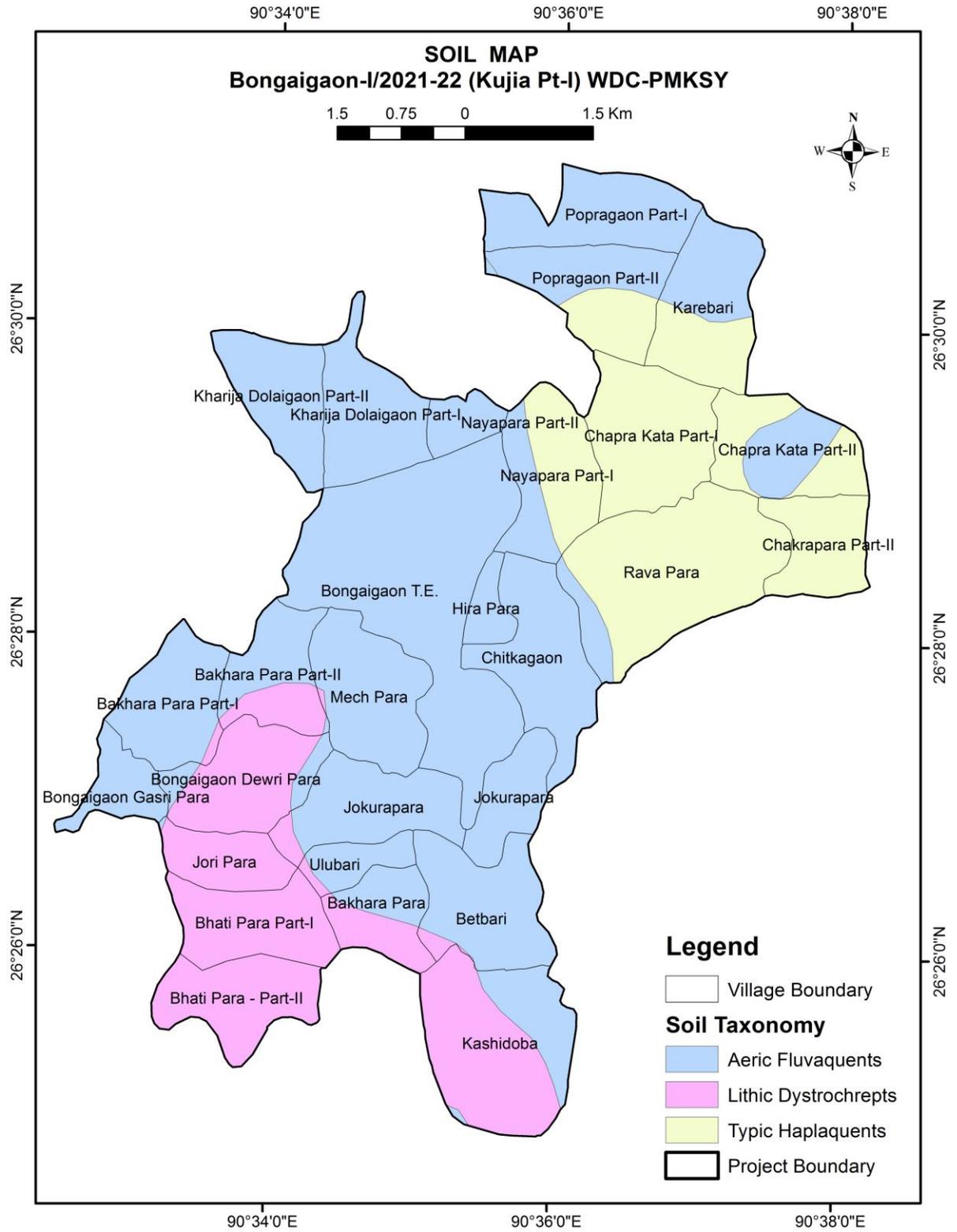
Source: Created from DEM (Cartosat-1, Carto DEM Ver 3-R1)



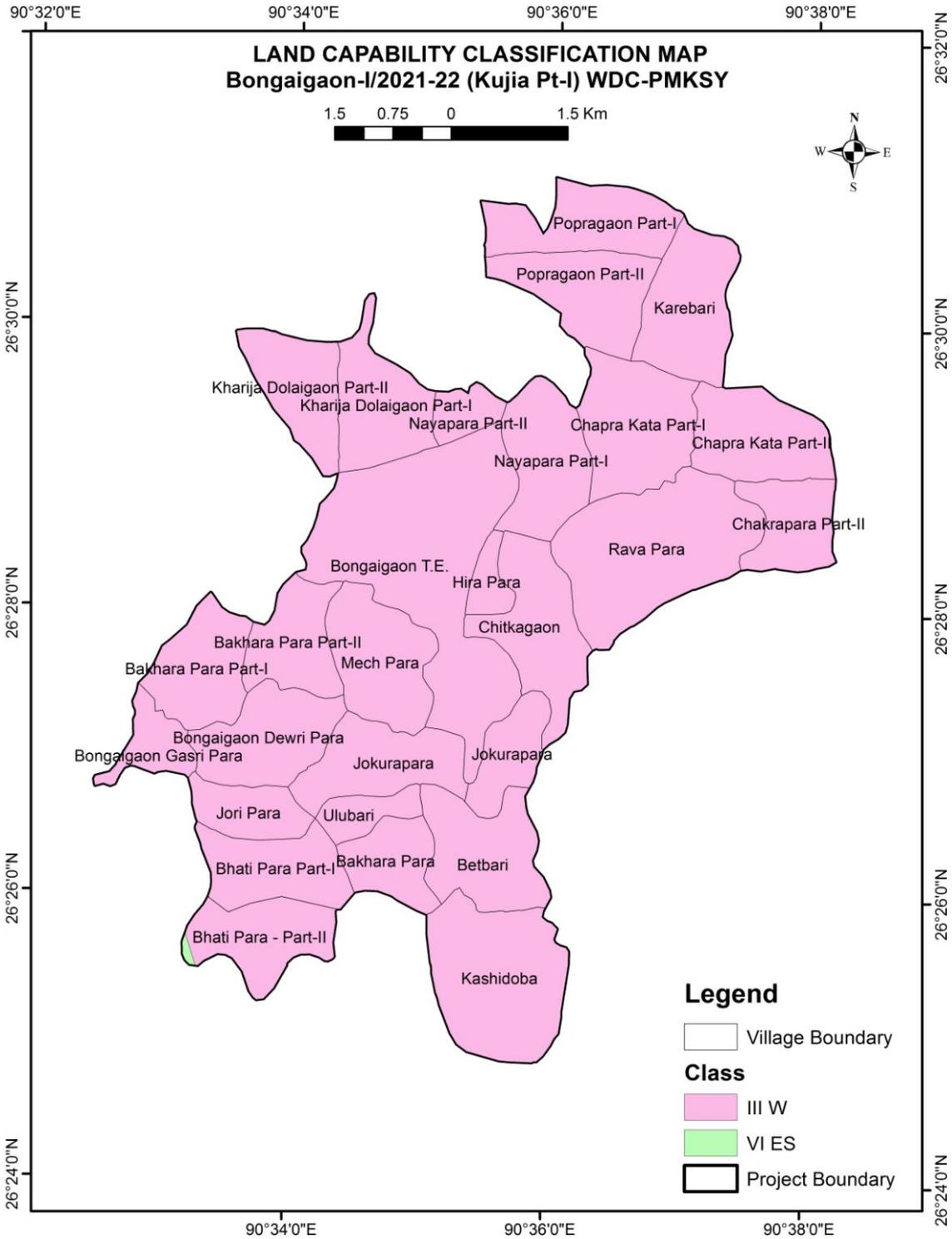
Source: Resourceset-2:Liss-III (Dec, 2019) & Toposheet



Source: Resourcesat-2:Liss-III (Dec, 2019), Landsat data



Source: NBSS, Publ-66





## Appendix-1

### Village Wise Intervention under NRM

<b>Name of Micro Watershed</b>	CHAPRAKATA MWS													
<b>Name of Village</b>	Kharija Dolaigaon Part-I													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Brick Canal	RM	2560	150	3.8400	200	5.120000	0	0.00	0	0.00	0	0.00	0	0.00
Horticulture Plantation	Hec	241500	0.53002 10	1.280001	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	CHAPRAKATA MWS													
<b>Name of Village</b>	Kharija Dolaigaon Part-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Pond	Sq m	233	1700	3.96	0	0.00	1700	3.96	0	0.00	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	CHAPRAKATA MWS													
<b>Name of Village</b>	Chapra Kata Part-I													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Pond	Sq m	233	2150	5.01	0	0.00	0	0.00	0	0.00	0	0.00	2150	5.01
<b>Name of Micro Watershed</b>	CHAPRAKATA MWS													
<b>Name of Village</b>	Nayapara Part-I													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin

Drainage Channel	RM	330	2500	8.25	3000	9.90	0	0.00	0	0.00	0	0.00	0	0.00	
Horticulture Plantation	Hec	241500	0.685	1.65	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>														
<b>Name of Village</b>	<b>Chapra Kata Part-II</b>														
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
RCC Check Dam	SQ M	62700	22	13.79	0	0.00	24	15.05	0	0.00	0	0.00	0	0.00	
Horticulture Plantation	Hec	241500	0.52	1.26	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>														
<b>Name of Village</b>	<b>Nayapara Part-II</b>														
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
RCC Check Dam	SQ M	62700	24	15.05	24	15.05	0	0.00	0	0.00	0	0.00	0	0.00	
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>														
<b>Name of Village</b>	<b>Rava Para</b>														
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
RCC Check Dam	SQ M	62700	24	15.05	0	0.00	0	0.00	24	15.05	0	0.00	0	0.00	
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>														
<b>Name of Village</b>	<b>Chakra Kata Part-III</b>														
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
RCC Check Dam	SQ M	62700	24	15.05	0	0.00	24	15.05	0	0.00	0	0.00	0	0.00	

<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>														
<b>Name of Village</b>	Hira Para														
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>5th Year</b>		
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	
Brick Canal	RM	2560	400	10.24	0	0.00	470	12.03	0	0.00	0	0.00	0	0.00	
Horticulture Plantation	Hec	241500	0.74	1.79	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>														
<b>Name of Village</b>	Chitkagaon														
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>5th Year</b>		
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	
RCC Check Dam	SQ M	62700	30	18.81	32	20.06	0	0.00	0	0.00	0	0.00	0	0.00	
Horticulture Plantation	Hec	241500	0.516	1.25	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	
<b>SUB TOTAL</b>			<b>7026.99</b>	<b>116.27</b>	<b>3256.0</b>	<b>50.13</b>	<b>2218.0</b>	<b>46.09</b>	<b>24.00</b>	<b>15.05</b>	<b>0.00</b>	<b>0.00</b>	<b>2150.0</b>	<b>5.01</b>	
<b>Name of Micro Watershed</b>	<b>POPRAGAON MWS</b>														
<b>Name of Village</b>	Popragaon Part-I														
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>5th Year</b>		
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	
Development of community pond	Sq m	233	4000	9.32	0	0.00	0	0.00	4000	9.32	0	0.00	0	0.00	
Pond	Sq m	233	1700	3.96	0	0.00	0	0.00	0	0.00	0	0.00	1700	3.96	
Agril Bund	RM	567	750	4.25	0	0.00	0	0.00	0	0.00	750	4.25	0	0.00	
Brick Canal	RM	2560	350	8.96	0	0.00	400	10.24	0	0.00	0	0.00	0	0.00	
Horticulture Plantation	Hec	241500	0.532	1.28	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	
<b>Name of Micro Watershed</b>	<b>POPRAGAON MWS</b>														

<b>Name of Village</b>	Karebari																
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>5th Year</b>				
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>			
Agril Bund	RM	567	900	5.10	0	0.00	900	5.10	0	0.00	0	0.00	0	0.00			
Brick Canal	RM	2560	300	7.68	0	0.00	0	0.00	300	7.68	0	0.00	0	0.00			
<b>Name of Micro Watershed</b>	POPRAGAON MWS																
<b>Name of Village</b>	Popragaon Part-II																
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>5th Year</b>				
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>			
Brick Canal	RM	2560	300	7.68	380	9.73	0	0.00	0	0.00	0	0.00	0	0.00			
Brick Canal	RM	2560	380	9.73	380	9.73	0	0.00	0	0.00	0	0.00	0	0.00			
Horticulture Plantation	Hec	241500	0.85	2.05	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00			
<b>SUB TOTAL</b>			<b>8681.38</b>	<b>60.02</b>	<b>760.00</b>	<b>19.46</b>	<b>1300.0</b>	<b>0</b>	<b>15.34</b>	<b>4300.0</b>	<b>0</b>	<b>17.00</b>	<b>750.00</b>	<b>4.25</b>	<b>1700.0</b>	<b>0</b>	<b>3.96</b>
<b>Name of Micro Watershed</b>	JAKUAPARA MWS																
<b>Name of Village</b>	Bongaigaon T.E.																
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>5th Year</b>				
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>			
<b>Name of Micro Watershed</b>	JAKUAPARA MWS																
<b>Name of Village</b>	Jokurapara 1																
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>5th Year</b>				
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>			
Agril Bund (with Slab Culvert)	RM	567	1400	7.94	1400	7.94	0	0.00	0	0.00	0	0.00	0	0.00			
Brick Canal	RM	2560	300	7.68	0	0.00	300	7.68	0	0.00	0	0.00	0	0.00			
<b>Name of Micro</b>	JAKUAPARA																

<b>Watershed</b>	<b>MWS</b>														
<b>Name of Village</b>	<b>Bongaigaon Gasri Para</b>														
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>5th Year</b>		
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	
Agril Bund	RM	567	700	3.97	0	0.00	0	0.00	0	0.00	700	3.97	0	0.00	
Brick Canal	RM	2560	200	5.12	0	0.00	0	0.00	200	5.12	0	0.00	0	0.00	
<b>Name of Micro Watershed</b>	<b>JAKUAPARA MWS</b>														
<b>Name of Village</b>	<b>Jokurapara 2</b>														
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>5th Year</b>		
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	
Brick Canal (Slab Culvert)	RM	2560	250	6.40	0	0.00	0	0.00	0	0.00	0	0.00	250	6.40	
<b>Name of Micro Watershed</b>	<b>JAKUAPARA MWS</b>														
<b>Name of Village</b>	<b>Bongaigaon Dewri Para</b>														
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>5th Year</b>		
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	
Drainage Channel	RM	330	2895	9.55	0	0.00	0	0.00	2895	9.55	0	0.00	0	0.00	
Agril Bund	RM	567	1250	7.09	0	0.00	1250	7.09	0	0.00	0	0.00	0	0.00	
Brick Canal	RM	2560	300	7.68	300	7.68	0	0.00	0	0.00	0	0.00	0	0.00	
Brick Canal	RM	2560	230	5.89	0	0.00	230	5.89	0	0.00	0	0.00	0	0.00	
Brick Canal	RM	2560	240	6.14	240	6.14	0	0.00	0	0.00	0	0.00	0	0.00	
<b>Name of Micro Watershed</b>	<b>JAKUAPARA MWS</b>														
<b>Name of Village</b>	<b>Bakhara Para Part-I</b>														
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>5th Year</b>		
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	
<b>Name of Micro Watershed</b>	<b>JAKUAPARA MWS</b>														

<b>Name of Village</b>	<b>Mech Para</b>														
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>5th Year</b>		
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	
Pond	Sq m	233	2600	6.06	0	0.00	0	0.00	2600	6.06	0	0.00	0	0.00	
Agril Bund	RM	567	1100	6.24	0	0.00	1100	6.24	0	0.00	0	0.00	0	0.00	
Agril Bund	RM	567	1400	7.94	837.27 26	4.75	237.72 74	1.35	0	0.00	325	1.84	0	0.00	
Brick Canal	RM	2560	380	9.73	0	0.00	380	9.73	0	0.00	0	0.00	0	0.00	
<b>Name of Micro Watershed</b>	<b>JAKUAPARA MWS</b>														
<b>Name of Village</b>	<b>Bakhara Para Part-II</b>														
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>5th Year</b>		
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	
Agril Bund	RM	567	700	3.97	0	0.00	0	0.00	0	0.00	700	3.97	0	0.00	
<b>SUB TOTAL</b>			<b>13945.0</b> <b>0</b>	<b>101.39</b>	<b>2777.2</b> <b>7</b>	<b>26.51</b>	<b>3497.7</b> <b>3</b>	<b>37.97</b>	<b>5695.0</b> <b>0</b>	<b>20.73</b>	<b>1725.0</b> <b>0</b>	<b>9.78</b>	<b>250.00</b>	<b>6.40</b>	
<b>Name of Micro Watershed</b>	<b>BETBARI MWS</b>														
<b>Name of Village</b>	<b>Jogi Para</b>														
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>5th Year</b>		
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	
Drainage Channel	RM	330	3000	9.90	3000	9.90	0	0.00	0	0.00	0	0.00	0	0.00	
<b>Name of Micro Watershed</b>	<b>BETBARI MWS</b>														
<b>Name of Village</b>	<b>Ulubari</b>														
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>5th Year</b>		
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	
<b>Name of Micro Watershed</b>	<b>BETBARI MWS</b>														
<b>Name of Village</b>	<b>Betbari</b>														

Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Pond	Sq m	233	1700	3.96	0	0.00	0	0.00	0	0.00	0	0.00	1700	3.96
Pond	Sq m	233	2600	6.06	0	0.00	2600	6.06	0	0.00	0	0.00	0	0.00
RCC Check Dam	SQ M	62700	24	15.05	27	16.93	0	0.00	0	0.00	0	0.00	0	0.00
RCC Check Dam	SQ M	62700	16	10.03	0	0.00	16	10.03	0	0.00	0	0.00	0	0.00
RCC Check Dam (WHS)	SQ M	62700	20	12.54	0	0.00	20	12.54	0	0.00	0	0.00	0	0.00
Horticulture Plantation	Hec	241500	0.78	1.88	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	<b>BETBARI MWS</b>													
<b>Name of Village</b>	<b>Bakhara Para</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Brick Canal	RM	2560	160	4.10	0	0.00	0	0.00	0	0.00	160	4.10	0	0.00
<b>Name of Micro Watershed</b>	<b>BETBARI MWS</b>													
<b>Name of Village</b>	<b>Kashidoba</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Brick Canal	RM	2560	200	5.12	200	5.12	0	0.00	0	0.00	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	<b>BETBARI MWS</b>													
<b>Name of Village</b>	<b>Bhati Para - Part-II</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Agri Bund	RM	567	800	4.54	0	0.00	2.8081	0.02	543.21	3.08	133.93	0.76	119.17	0.68

									2		97		82	
<b>Name of Micro Watershed</b>	<b>BETBARI MWS</b>													
<b>Name of Village</b>	<b>Bhati Para Part-I</b>													
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>5th Year</b>	
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>
Brick Canal	RM	2560	200	5.12	0	0.00	0	0.00	0	0.00	200	5.12	0	0.00
Brick Canal	RM	2560	200	5.12	0	0.00	0	0.00	200	5.12	0	0.00	0	0.00
RCC Check Dam	SQ M	62700	22	13.79	0	0.00	0	0.00	24	15.05	0	0.00	0	0.00
Horticulture Plantation	Hec	241500	0.52	1.26	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
<b>SUB TOTAL</b>			<b>8943.30</b>	<b>98.46</b>	<b>3227.00</b>	<b>31.95</b>	<b>2638.81</b>	<b>28.65</b>	<b>767.21</b>	<b>23.25</b>	<b>493.94</b>	<b>9.98</b>	<b>1819.18</b>	<b>4.64</b>
<b>GRAND TOTAL</b>				<b>376.148346</b>		<b>128.04634</b>		<b>128.04634</b>		<b>76.02751</b>		<b>24.00869</b>		<b>20.00724</b>

## Appendix-II

### Village wise Intervention under Production System

<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>															
<b>Name of Village</b>	<b>Kharija Dolaigaon Part-I</b>															
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year			
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin		
Fishery	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00		
Assam Lemon Cultivation	NO	44000	2	0.88	1	0.44	0	0.00	0	0.00	0	0.00	1	0.44		
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00		
Apple Bear Cultivation	NO	44000	2	0.88	1	0.44	0	0.00	1	0.44	0	0.00	0	0.00		
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00		
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>															
<b>Name of Village</b>	<b>Kharija Dolaigaon Part-II</b>															
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year			
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin		
Fishery	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00		
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00		
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00		
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	1	0.44	1	0.44		
Bananna Cultivation	NO	44000	2	0.88	0	0.00	1	0.44	0	0.00	1	0.44	0	0.00		
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>															
<b>Name of Village</b>	<b>Chapra Kata Part-I</b>															
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year			
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin		
Fishery	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00		
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00		
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00		

Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00	
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00	
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>														
<b>Name of Village</b>	<b>Nayapara Part-I</b>														
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Fishery	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00	
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00	
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00	
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00	
Bananna Cultivation	NO	44000	2	0.88	0	0.00	1	0.44	0	0.00	1	0.44	0	0.00	
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>														
<b>Name of Village</b>	<b>Chapra Kata Part-II</b>														
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Fishery	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00	
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00	
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00	
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00	
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00	
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>														
<b>Name of Village</b>	<b>Nayapara Part-II</b>														
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Fishery	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00	
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00	
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00	
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	0	0.00	2	0.88	
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00	
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>														
<b>Name of Village</b>	<b>Rava Para</b>														

Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Fishery	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Apple Bear Cultivation	NO	44000	2	0.88	2	0.88	0	0.00	0	0.00	0	0.00	0	0.00
Bananna Cultivation	NO	44000	2	0.88	0	0.00	1	0.44	0	0.00	1	0.44	0	0.00
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>													
<b>Name of Village</b>	<b>Chakra Kata Part-III</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Fishery	NO	44000	2	0.88	1	0.44	0	0.00	0	0.00	0	0.00	1	0.44
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>													
<b>Name of Village</b>	<b>Hira Para</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Fishery	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Assam Lemon Cultivation	NO	44000	2	0.88	1	0.44	0	0.00	0	0.00	0	0.00	1	0.44
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	1	0.44	0	0.00	0	0.00	1	0.44	0	0.00
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>													
<b>Name of Village</b>	<b>Chitkagaon</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Fishery	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00

Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Bananna Cultivation	NO	44000	2	0.88	0	0.00	1	0.44	0	0.00	1	0.44	0	0.00
<b>SUB TOTAL</b>			<b>100.00</b>	<b>44.00</b>	<b>7.00</b>	<b>3.08</b>	<b>18.00</b>	<b>7.92</b>	<b>37.00</b>	<b>16.28</b>	<b>32.00</b>	<b>14.08</b>	<b>6.00</b>	<b>2.64</b>
<b>Name of Micro Watershed</b>	<b>POPRAGAON MWS</b>													
<b>Name of Village</b>	<b>Popragaon Part-I</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Fishery	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	1	0.44	1	0.44	0	0.00	0	0.00	0	0.00
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	<b>POPRAGAON MWS</b>													
<b>Name of Village</b>	<b>Karebari</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Fishery	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	<b>POPRAGAON MWS</b>													
<b>Name of Village</b>	<b>Popragaon Part-II</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Fishery	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Bananna Cultivation	NO	44000	2	0.88	0	0.00	1	0.44	0	0.00	1	0.44	0	0.00

<b>SUB TOTAL</b>			30.00	13.20	1.00	0.44	6.00	2.64	16.00	7.04	7.00	3.08	0.00	0.00
<b>Name of Micro Watershed</b>		<b>JAKUAPARA MWS</b>												
<b>Name of Village</b>		<b>Bongaigaon T.E.</b>												
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>4th Year</b>	
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>
Fishery	NO	44000	2	0.88	1	0.44	0	0.00	0	0.00	0	0.00	1	0.44
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88		0.00	0	0.00
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
<b>Name of Micro Watershed</b>		<b>JAKUAPARA MWS</b>												
<b>Name of Village</b>		<b>Jokurapara 1</b>												
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>4th Year</b>	
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>
Fishery	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
<b>Name of Micro Watershed</b>		<b>JAKUAPARA MWS</b>												
<b>Name of Village</b>		<b>Bongaigaon Gasri Para</b>												
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>4th Year</b>	
			<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>	<b>Phy</b>	<b>Fin</b>
Fishery	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
<b>Name of Micro Watershed</b>		<b>JAKUAPARA MWS</b>												
<b>Name of Village</b>		<b>Jokurapara 2</b>												
<b>Name of Intervention</b>	<b>Unit</b>	<b>Rate (in INR)</b>	<b>TOTAL</b>		<b>1st Year</b>		<b>2nd Year</b>		<b>3rd Year</b>		<b>4th Year</b>		<b>4th Year</b>	

			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Fishery	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Bananna Cultivation	NO	44000	2	0.88	0	0.00	1	0.44	0	0.00	1	0.44	0	0.00
<b>Name of Micro Watershed</b>	<b>JAKUAPARA MWS</b>													
<b>Name of Village</b>	<b>Bongaigaon Dewri Para</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Fishery	NO	44000	2	0.88	1	0.44	0	0.00	0	0.00	0	0.00	1	0.44
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	<b>JAKUAPARA MWS</b>													
<b>Name of Village</b>	<b>Bakhara Para Part-II</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Fishery	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	0	0.00	2	0.88
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	<b>JAKUAPARA MWS</b>													
<b>Name of Village</b>	<b>Bakhara Para Part-I</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Fishery	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00

Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	<b>JAKUAPARA MWS</b>													
<b>Name of Village</b>	<b>Mech Para</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Fishery	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Bananna Cultivation	NO	44000	2	0.88	0	0.00	1	0.44	0	0.00	1	0.44	0	0.00
<b>SUB TOTAL</b>			<b>80.00</b>	<b>35.20</b>	<b>2.00</b>	<b>0.88</b>	<b>16.00</b>	<b>7.04</b>	<b>38.00</b>	<b>16.72</b>	<b>20.00</b>	<b>8.80</b>	<b>4.00</b>	<b>1.76</b>
<b>Name of Micro Watershed</b>	<b>BETBARI MWS</b>													
<b>Name of Village</b>	<b>Jogi Para</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Fishery	NO	44000	1	0.44	0	0.00	0	0.00	0	0.00	0	0.00	1	0.44
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	2	0.88	0	0.00	0	0.00	0	0.00	0	0.00
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	<b>BETBARI MWS</b>													
<b>Name of Village</b>	<b>Ulubari</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Fishery	NO	44000	1	0.44	1	0.44	0	0.00	0	0.00	0	0.00	0	0.00
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00
Apple Bear Cultivation	NO	44000	2	0.88	2	0.88	0	0.00	0	0.00	0	0.00	0	0.00
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	<b>BETBARI MWS</b>													

Name of Village		Betbari													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Fishery	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00	
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00	
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00	
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00	
Bananna Cultivation	NO	44000	1	0.44	0	0.00	0	0.00	0	0.00	1	0.44	0	0.00	
Name of Micro Watershed		BETBARI MWS													
Name of Village		Bakhara Para													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Fishery	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00	
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00	
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	1	0.44	1	0.44	
Apple Bear Cultivation	NO	44000	1	0.44	0	0.00	0	0.00	1	0.44	0	0.00	0	0.00	
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00	
Name of Micro Watershed		BETBARI MWS													
Name of Village		Kashidoba													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Fishery	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00	
Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00	
Papaya Cultivation (Red Lady)	NO	44000	1	0.44	0	0.00	0	0.00	1	0.44	0	0.00	0	0.00	
Apple Bear Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00	
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00	
Name of Micro Watershed		BETBARI MWS													
Name of Village		Bhati Para - Part-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Fishery	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00	

Assam Lemon Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	2	0.88	0	0.00	0	0.00	
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00	
Apple Bear Cultivation	NO	44000	1	0.44	0	0.00	0	0.00	0	0.00	0	0.00	1	0.44	
Bananna Cultivation	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00	
<b>Name of Micro Watershed</b>	<b>BETBARI MWS</b>														
<b>Name of Village</b>	<b>Bhati Para Part-I</b>														
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Fishery	NO	44000	2	0.88	0	0.00	2	0.88	0	0.00	0	0.00	0	0.00	
Assam Lemon Cultivation	NO	44000	2	0.88	1	0.44	0	0.00	0	0.00	0	0.00	1	0.44	
Papaya Cultivation (Red Lady)	NO	44000	2	0.88	0	0.00	0	0.00	0	0.00	2	0.88	0	0.00	
Apple Bear Cultivation	NO	44000	2	0.88	2	0.88	0	0.00	0	0.00	0	0.00	0	0.00	
Vermi Composting	NO	18172	2	0.36	0	0.00	1	0.18	0	0.00	1	0.18	0	0.00	
<b>SUB TOTAL</b>			<b>64.00</b>	<b>27.64</b>	<b>8.00</b>	<b>3.52</b>	<b>15.00</b>	<b>6.34</b>	<b>18.00</b>	<b>7.92</b>	<b>19.00</b>	<b>8.10</b>	<b>4.00</b>	<b>1.76</b>	
<b>GRAND TOTAL</b>			<b>274.00</b>	<b>120.0434</b>	<b>18.00</b>	<b>7.92</b>	<b>55.00</b>	<b>23.94</b>	<b>109.00</b>	<b>47.96</b>	<b>78.00</b>	<b>34.06</b>	<b>14.00</b>	<b>6.16</b>	

### Appendix-III

#### Village Wise Intervention under Livelihood Activities

Name of Micro Watershed		CHAPRAKATA MWS													
Name of Village		Kharija Dolaigaon Part-I													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Goatry	NO	25000	2	0.50	2	0.50	0	0.00	0	0.00	0	0.00	0	0.00	
Piggery	NO	25000	1	0.25	1	0.25	0	0.00	0	0.00	0	0.00	0	0.00	
Weaving Centre	NO	25000	1	0.25	0	0.00	0	0.00	1	0.25	0	0.00	0	0.00	
Poultry	NO	25000	3	0.75	0	0.00	0	0.00	3	0.75	0	0.00	0	0.00	
Duckery	NO	25000	3	0.75	3	0.75	0	0.00	0	0.00	0	0.00	0	0.00	
Dairy	NO	25000	1	0.25	1	0.25	0	0.00	0	0.00	0	0.00	0	0.00	
Broiler Farming Unit	NO	25000	2	0.50	2	0.50	0	0.00	0	0.00	0	0.00	0	0.00	
Name of Micro Watershed		CHAPRAKATA MWS													
Name of Village		Kharija Dolaigaon Part-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Goatry	NO	25000	2	0.50	0	0.00	2	0.50	0	0.00	0	0.00	0	0.00	
Piggery	NO	25000	1	0.25	0	0.00	1	0.25	0	0.00	0	0.00	0	0.00	
Weaving Centre	NO	25000	1	0.25	0	0.00	0	0.00	1	0.25	0	0.00	0	0.00	
Poultry	NO	25000	3	0.75	0	0.00	3	0.75	0	0.00	0	0.00	0	0.00	
Duckery	NO	25000	3	0.75	0	0.00	3	0.75	0	0.00	0	0.00	0	0.00	
Dairy	NO	25000	1	0.25	0	0.00	1	0.25	0	0.00	0	0.00	0	0.00	
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	2	0.50	0	0.00	0	0.00	0	0.00	
Name of Micro Watershed		CHAPRAKATA MWS													
Name of Village		Chapra Kata Part-I													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	

Goatry	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00
Piggery	NO	25000	1	0.25	0	0.00	0	0.00	1	0.25	0	0.00	0	0.00
Weaving Centre	NO	25000	1	0.25	0	0.00	0	0.00	1	0.25	0	0.00	0	0.00
Poultry	NO	25000	3	0.75	0	0.00	0	0.00	0	0.00	3	0.75	0	0.00
Duckery	NO	25000	3	0.75	0	0.00	0	0.00	3	0.75	0	0.00	0	0.00
Dairy	NO	25000	1	0.25	0	0.00	0	0.00	1	0.25	0	0.00	0	0.00
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	2	0.50	0	0.00	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>													
<b>Name of Village</b>	<b>Nayapara Part-I</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Goatry	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00
Piggery	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	1	0.25	0	0.00
Weaving Centre	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	0	0.00	1	0.25
Poultry	NO	25000	3	0.75	0	0.00	0	0.00	3	0.75	0	0.00	0	0.00
Duckery	NO	25000	3	0.75	0	0.00	0	0.00	0	0.00	3	0.75	0	0.00
Dairy	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	1	0.25	0	0.00
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>													
<b>Name of Village</b>	<b>Chapra Kata Part-II</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Goatry	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	0	0.00	2	0.50
Piggery	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	0	0.00	1	0.25
Weaving Centre	NO	25000	1	0.25	0	0.00	1	0.25	0	0.00	0	0.00	0	0.00
Poultry	NO	25000	3	0.75	0	0.00	3	0.75	0	0.00	0	0.00	0	0.00
Duckery	NO	25000	3	0.75	0	0.00	0	0.00	0	0.00	0	0.00	3	0.75
Dairy	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	0	0.00	1	0.25
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>													
<b>Name of Village</b>	<b>Nayapara Part-II</b>													

Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Goatry	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00
Piggery	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	1	0.25	0	0.00
Weaving Centre	NO	25000	1	0.25	0	0.00	1	0.25	0	0.00	0	0.00	0	0.00
Poultry	NO	25000	3	0.75	0	0.00	0	0.00	3	0.75	0	0.00	0	0.00
Duckery	NO	25000	3	0.75	0	0.00	0	0.00	0	0.00	3	0.75	0	0.00
Dairy	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	1	0.25	0	0.00
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>													
<b>Name of Village</b>	<b>Rava Para</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Goatry	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00
Piggery	NO	25000	1	0.25	0	0.00	0	0.00	1	0.25	0	0.00	0	0.00
Weaving Centre	NO	25000	1	0.25	0	0.00	1	0.25	0	0.00	0	0.00	0	0.00
Poultry	NO	25000	3	0.75	0	0.00	0	0.00	0	0.00	3	0.75	0	0.00
Duckery	NO	25000	3	0.75	0	0.00	0	0.00	0	0.00	3	0.75	0	0.00
Dairy	NO	25000	1	0.25	0	0.00	0	0.00	1	0.25	0	0.00	0	0.00
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00
<b>Name of Micro Watershed</b>	<b>CHAPRAKATA MWS</b>													
<b>Name of Village</b>	<b>Chakra Kata Part-III</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Goatry	NO	25000	2	0.50	0	0.00	2	0.50	0	0.00	0	0.00	0	0.00
Piggery	NO	25000	2	0.50	0	0.00	2	0.50	0	0.00	0	0.00	0	0.00
Weaving Centre	NO	25000	1	0.25	0	0.00	0	0.00	1	0.25	0	0.00	0	0.00
Poultry	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00
Duckery	NO	25000	1	0.25	0	0.00	1	0.25	0	0.00	0	0.00	0	0.00
Dairy	NO	25000	1	0.25	0	0.00	1	0.25	0	0.00	0	0.00	0	0.00
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00

Name of Micro Watershed	CHAPRAKATA MWS													
Name of Village	Hira Para													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Goatry	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00
Piggery	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00
Weaving Centre	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	0	0.00	1	0.25
Poultry	NO	25000	3	0.75	0	0.00	0	0.00	1	0.25	2	0.50	0	0.00
Duckery	NO	25000	3	0.75	0	0.00	3	0.75	0	0.00	0	0.00	0	0.00
Dairy	NO	25000	1	0.25	1	0.25	0	0.00	0	0.00	0	0.00	0	0.00
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	0	0.00	2	0.50
Name of Micro Watershed	CHAPRAKATA MWS													
Name of Village	Chitkagaon													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Goatry	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00
Piggery	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00
Weaving Centre	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	0	0.00	1	0.25
Poultry	NO	25000	4	1.00	0	0.00	0	0.00	2	0.50	2	0.50	0	0.00
Duckery	NO	25000	4	1.00	0	0.00	0	0.00	4	1.00	0	0.00	0	0.00
Dairy	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	1	0.25	0	0.00
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00
<b>SUB TOTAL</b>			<b>132.00</b>	<b>33.00</b>	<b>10.00</b>	<b>2.50</b>	<b>29.00</b>	<b>7.25</b>	<b>41.00</b>	<b>10.25</b>	<b>40.00</b>	<b>10.00</b>	<b>12.00</b>	<b>3.00</b>
Name of Micro Watershed	POPRAGAON MWS													
Name of Village	Popragaon Part-I													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Goatry	NO	25000	4	1.00	0	0.00	1	0.25	2	0.50	1	0.25	0	0.00
Piggery	NO	25000	4	1.00	0	0.00	0	0.00	2	0.50	2	0.50	0	0.00
Weaving Centre	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00
Poultry	NO	25000	7	1.75	0	0.00	5	1.25	2	0.50	0	0.00	0	0.00

Duckery	NO	25000	5	1.25	0	0.00	0	0.00	0	0.00	5	1.25	0	0.00	
Dairy	NO	25000	2	0.50	0	0.00	1	0.25	0	0.00	1	0.25	0	0.00	
Broiler Farming Unit	NO	25000	4	1.00	0	0.00	0	0.00	2	0.50	2	0.50	0	0.00	
<b>Name of Micro Watershed</b>	<b>POPRAGAON MWS</b>														
<b>Name of Village</b>	<b>Karebari</b>														
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Goatry	NO	25000	4	1.00	0	0.00	2	0.50	2	0.50	0	0.00	0	0.00	
Piggery	NO	25000	4	1.00	0	0.00	2	0.50	2	0.50	0	0.00	0	0.00	
Weaving Centre	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00	
Poultry	NO	25000	7	1.75	0	0.00	2	0.50	5	1.25	0	0.00	0	0.00	
Duckery	NO	25000	7	1.75	0	0.00	0	0.00	5	1.25	0	0.00	2	0.50	
Dairy	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00	
Broiler Farming Unit	NO	25000	4	1.00	0	0.00	0	0.00	2	0.50	2	0.50	0	0.00	
<b>Name of Micro Watershed</b>	<b>POPRAGAON MWS</b>														
<b>Name of Village</b>	<b>Popragaon Part-II</b>														
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Goatry	NO	25000	4	1.00	0	0.00	0	0.00	2	0.50	2	0.50	0	0.00	
Piggery	NO	25000	4	1.00	0	0.00	2	0.50	2	0.50	0	0.00	0	0.00	
Weaving Centre	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00	
Poultry	NO	25000	7	1.75	0	0.00	0	0.00	3	0.75	4	1.00	0	0.00	
Duckery	NO	25000	7	1.75	0	0.00	0	0.00	2	0.50	5	1.25	0	0.00	
Dairy	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00	
Broiler Farming Unit	NO	25000	4	1.00	0	0.00	0	0.00	2	0.50	2	0.50	0	0.00	
<b>SUB TOTAL</b>			<b>88.00</b>	<b>22.00</b>	<b>0.00</b>	<b>0.00</b>	<b>15.00</b>	<b>3.75</b>	<b>41.00</b>	<b>10.25</b>	<b>30.00</b>	<b>7.50</b>	<b>2.00</b>	<b>0.50</b>	
<b>Name of Micro Watershed</b>	<b>JAKUAPARA MWS</b>														
<b>Name of Village</b>	<b>Bongaigaon T.E.</b>														
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
<b>Name of Micro Watershed</b>	<b>JAKUAPARA MWS</b>														

Name of Village		Jokurapara 1													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Goatry	NO	25000	3	0.75	0	0.00	0	0.00	0	0.00	3	0.75	0	0.00	
Piggery	NO	25000	3	0.75	0	0.00	3	0.75	0	0.00	0	0.00	0	0.00	
Weaving Centre	NO	25000	1	0.25	0	0.00	0	0.00	1	0.25	0	0.00	0	0.00	
Poultry	NO	25000	6	1.50	0	0.00	0	0.00	4	1.00	2	0.50	0	0.00	
Duckery	NO	25000	6	1.50	0	0.00	0	0.00	2	0.50	4	1.00	0	0.00	
Dairy	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00	
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00	
Name of Micro Watershed		JAKUAPARA MWS													
Name of Village		Bongaigaon Gasri Para													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Goatry	NO	25000	3	0.75	0	0.00	0	0.00	3	0.75	0	0.00	0	0.00	
Piggery	NO	25000	3	0.75	0	0.00	0	0.00	3	0.75	0	0.00	0	0.00	
Weaving Centre	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	1	0.25	0	0.00	
Poultry	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00	
Duckery	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00	
Dairy	NO	25000	2	0.50	0	0.00	0	0.00	1	0.25	1	0.25	0	0.00	
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00	
Name of Micro Watershed		JAKUAPARA MWS													
Name of Village		Jokurapara 2													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Goatry	NO	25000	4	1.00	0	0.00	0	0.00	2	0.50	2	0.50	0	0.00	
Piggery	NO	25000	3	0.75	0	0.00	0	0.00	0	0.00	3	0.75	0	0.00	
Weaving Centre	NO	25000	2	0.50	0	0.00	1	0.25	1	0.25	0	0.00	0	0.00	
Poultry	NO	25000	7	1.75	0	0.00	4	1.00	0	0.00	3	0.75	0	0.00	
Duckery	NO	25000	6	1.50	0	0.00	3	0.75	0	0.00	3	0.75	0	0.00	
Dairy	NO	25000	2	0.50	0	0.00	2	0.50	0	0.00	0	0.00	0	0.00	

Broiler Farming Unit	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00
<b>Name of Micro Watershed</b>	<b>JAKUAPARA MWS</b>													
<b>Name of Village</b>	<b>Bongaigaon Dewri Para</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Goatry	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00
Piggery	NO	25000	3	0.75	0	0.00	0	0.00	3	0.75	0	0.00	0	0.00
Weaving Centre	NO	25000	2	0.50	0	0.00	1	0.25	1	0.25	0	0.00	0	0.00
Poultry	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00
Duckery	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00
Dairy	NO	25000	2	0.50	1	0.25	0	0.00	1	0.25	0	0.00	0	0.00
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00
<b>Name of Micro Watershed</b>	<b>JAKUAPARA MWS</b>													
<b>Name of Village</b>	<b>Bakhara Para Part-II</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Goatry	NO	25000	4	1.00	0	0.00	4	1.00	0	0.00	0	0.00	0	0.00
Piggery	NO	25000	4	1.00	0	0.00	0	0.00	4	1.00	0	0.00	0	0.00
Weaving Centre	NO	25000	2	0.50	0	0.00	1	0.25	1	0.25	0	0.00	0	0.00
Poultry	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00
Duckery	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00
Dairy	NO	25000	2	0.50	0	0.00	2	0.50	0	0.00	0	0.00	0	0.00
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	<b>JAKUAPARA MWS</b>													
<b>Name of Village</b>	<b>Bakhara Para Part-I</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Goatry	NO	25000	4	1.00	0	0.00	0	0.00	2	0.50	2	0.50	0	0.00
Piggery	NO	25000	3	0.75	0	0.00	0	0.00	0	0.00	3	0.75	0	0.00
Weaving Centre	NO	25000	2	0.50	0	0.00	1	0.25	1	0.25	0	0.00	0	0.00
Poultry	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00

Duckery	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00	
Dairy	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00	
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00	
<b>Name of Micro Watershed</b>	<b>JAKUAPARA MWS</b>														
<b>Name of Village</b>	<b>Mech Para</b>														
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Goatry	NO	25000	4	1.00	2	0.50	0	0.00	2	0.50	0	0.00	0	0.00	
Piggery	NO	25000	3	0.75	0	0.00	0	0.00	0	0.00	3	0.75	0	0.00	
Weaving Centre	NO	25000	2	0.50	0	0.00	1	0.25	1	0.25	0	0.00	0	0.00	
Poultry	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00	
Duckery	NO	25000	2	0.50	0	0.00	2	0.50	0	0.00	0	0.00	0	0.00	
Dairy	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	1	0.25	0	0.00	
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	2	0.50	0	0.00	0	0.00	0	0.00	
<b>SUB TOTAL</b>			<b>130.00</b>	<b>32.50</b>	<b>3.00</b>	<b>0.75</b>	<b>27.00</b>	<b>6.75</b>	<b>49.00</b>	<b>12.25</b>	<b>51.00</b>	<b>12.75</b>	<b>0.00</b>	<b>0.00</b>	
<b>Name of Micro Watershed</b>	<b>BETBARI MWS</b>														
<b>Name of Village</b>	<b>Jogi Para</b>														
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Goatry	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00	
Piggery	NO	25000	1	0.25	0	0.00	1	0.25	0	0.00	0	0.00	0	0.00	
Weaving Centre	NO	25000	1	0.25	0	0.00	0	0.00	1	0.25	0	0.00	0	0.00	
Poultry	NO	25000	5	1.25	0	0.00	2	0.50	0	0.00	3	0.75	0	0.00	
Duckery	NO	25000	5	1.25	2	0.50	0	0.00	0	0.00	3	0.75	0	0.00	
Dairy	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	0	0.00	1	0.25	
Broiler Farming Unit	NO	25000	2	0.50	2	0.50	0	0.00	0	0.00	0	0.00	0	0.00	
<b>Name of Micro Watershed</b>	<b>BETBARI MWS</b>														
<b>Name of Village</b>	<b>Ulubari</b>														
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Goatry	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00	

Piggery	NO	25000	1	0.25	0	0.00	1	0.25	0	0.00	0	0.00	0	0.00	
Weaving Centre	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	0	0.00	1	0.25	
Poultry	NO	25000	5	1.25	0	0.00	0	0.00	5	1.25	0	0.00	0	0.00	
Duckery	NO	25000	5	1.25	0	0.00	0	0.00	2	0.50	3	0.75	0	0.00	
Dairy	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	1	0.25	0	0.00	
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	0	0.00	2	0.50	
<b>Name of Micro Watershed</b>	<b>BETBARI MWS</b>														
<b>Name of Village</b>	<b>Betbari</b>														
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Goatry	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00	
Piggery	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	0	0.00	1	0.25	
Weaving Centre	NO	25000	1	0.25	0	0.00	0	0.00	1	0.25	0	0.00	0	0.00	
Poultry	NO	25000	5	1.25	0	0.00	0	0.00	5	1.25	0	0.00	0	0.00	
Duckery	NO	25000	5	1.25	0	0.00	0	0.00	5	1.25	0	0.00	0	0.00	
Dairy	NO	25000	1	0.25	0	0.00	0	0.00	1	0.25	0	0.00	0	0.00	
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	2	0.50	0	0.00	0	0.00	0	0.00	
<b>Name of Micro Watershed</b>	<b>BETBARI MWS</b>														
<b>Name of Village</b>	<b>Bakhara Para</b>														
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Goatry	NO	25000	2	0.50	0	0.00	0	0.00	0	0.00	2	0.50	0	0.00	
Piggery	NO	25000	1	0.25	1	0.25	0	0.00	0	0.00	0	0.00	0	0.00	
Weaving Centre	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	1	0.25	0	0.00	
Poultry	NO	25000	5	1.25	0	0.00	0	0.00	0	0.00	5	1.25	0	0.00	
Duckery	NO	25000	5	1.25	0	0.00	0	0.00	2	0.50	3	0.75	0	0.00	
Dairy	NO	25000	1	0.25	0	0.00	1	0.25	0	0.00	0	0.00	0	0.00	
Broiler Farming Unit	NO	25000	2	0.50	2	0.50	0	0.00	0	0.00	0	0.00	0	0.00	
<b>Name of Micro Watershed</b>	<b>BETBARI MWS</b>														
<b>Name of Village</b>	<b>Kashidoba</b>														
Name of Intervention	Unit	Rate (in	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year		

		INR)	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Goatry	NO	25000	3	0.75	0	0.00	0	0.00	3	0.75	0	0.00	0	0.00
Piggery	NO	25000	4	1.00	4	1.00	0	0.00	0	0.00	0	0.00	0	0.00
Weaving Centre	NO	25000	1	0.25	0	0.00	0	0.00	1	0.25	0	0.00	0	0.00
Poultry	NO	25000	4	1.00	0	0.00	0	0.00	4	1.00	0	0.00	0	0.00
Duckery	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	0	0.00	1	0.25
Dairy	NO	25000	1	0.25	1	0.25	0	0.00	0	0.00	0	0.00	0	0.00
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	0	0.00	2	0.50	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	<b>BETBARI MWS</b>													
<b>Name of Village</b>	<b>Bhati Para - Part-II</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Goatry	NO	25000	4	1.00	0	0.00	0	0.00	3	0.75	0	0.00	1	0.25
Piggery	NO	25000	4	1.00	0	0.00	0	0.00	4	1.00	0	0.00	0	0.00
Weaving Centre	NO	25000	1	0.25	0	0.00	0	0.00	1	0.25	0	0.00	0	0.00
Poultry	NO	25000	5	1.25	3	0.75	0	0.00	2	0.50	0	0.00	0	0.00
Duckery	NO	25000	5	1.25	2	0.50	0	0.00	3	0.75	0	0.00	0	0.00
Dairy	NO	25000	1	0.25	0	0.00	0	0.00	0	0.00	0	0.00	1	0.25
Broiler Farming Unit	NO	25000	2	0.50	0	0.00	2	0.50	0	0.00	0	0.00	0	0.00
<b>Name of Micro Watershed</b>	<b>BETBARI MWS</b>													
<b>Name of Village</b>	<b>Bhati Para Part-I</b>													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		4th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Goatry	NO	25000	4	1.00	0	0.00	0	0.00	4	1.00	0	0.00	0	0.00
Piggery	NO	25000	4	1.00	0	0.00	0	0.00	0	0.00	0	0.00	4	1.00
Weaving Centre	NO	25000	1	0.25	0	0.00	0	0.00	1	0.25	0	0.00	0	0.00
Poultry	NO	25000	6	1.50	0	0.00	0	0.00	0	0.00	0	0.00	6	1.50
Duckery	NO	25000	6	1.50	0	0.00	0	0.00	6	1.50	0	0.00	0	0.00
Dairy	NO	25000	1	0.25	0	0.00	0	0.00	1	0.25	0	0.00	0	0.00
Broiler Farming Unit	NO	25000	1	0.25	1	0.25	0	0.00	0	0.00	0	0.00	0	0.00
Supari Making	NO	14672	2	0.29	2	0.29	0	0.00	0	0.00	0	0.00	0	0.00

<b>SUB TOTAL</b>			131.00	32.54	20.00	4.79	9.00	2.25	61.00	15.25	23.00	5.75	18.00	4.50
<b>GRAND TOTAL</b>			481.00	120.04	33.00	8.04	80.00	20.00	192.00	48.00	144.00	36.00	32.00	8.00

