

Watershed Development Component  
Of  
Pradhan Mantri Krishi Sinchayee Yojana  
(WDC-PMKSY)

***Detail Project Report***

**Dhemaji -I LOWER GHAGRA  
New Generation WDC-PMKSY  
(2021 – 2022)**

**Submitted to:**  
**State Level Nodal Agency, IWMP, Assam**  
RGB Road, Guwahati

**Submitted by**  
Project Implementing Agency,  
Dhemaji-I (Lower Ghagra) WDC-PMKSY &  
Divisional Officer,  
Dhemaji-Jonai Soil Conservation Division

## DETAILED PROJECT REPORT

|  |   |  |
|--|---|--|
| <b>Micro Watershed &amp; Micro Watershed Code No</b> | : | <b>SILI MWS (3A5A5Ji)</b>                |
|  |   | <b>ARSI MWS (3A5A5Jii)</b>               |
|  |   | <b>SILASUTI MWS (3A5A5Jiii)</b>          |
|  |   | <b>RAMAYAPUR MWS (3A5A5Jiv)</b>          |
| <b>IWMP project</b>                                  | : | <b>Dhemaji-I (Lower Ghagra)</b>          |
| <b>Block</b>   | : | <b>Sissiborgaon</b>                      |
| <b>District</b>                                      | : | <b>Dhemaji</b>                           |
| <b>Name of the PIA</b>                               |   | <b>Divisional Officer, Dhemaji-Jonai</b> |
|  | : | <b>Soil Conservation Division</b>        |



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## Executive Summary

### • BRIEFLY ABOUT THE AREA:

The Dhemaji-I (Lower Ghagra) with an area of 6746 Ha. located at about 27°35'12.56"N to 27°40'47.37"N to 26°23'4.69"N latitude and 94°44'52.00"E to 94°49'23.86"E longitude covering 35 numbers of census villages under Sisiborgaon Development Block of Dhemaji District. The northern part of the watershed area touched the Arunachal Pradesh State boundary. The River Brahmaputra is located about 6 km from the watershed area towards south. Physiographically the district is more or less flat and the area can be divided into high-level plain of Brahmaputra river (area falling altitudes more than 100 m) and flat flood plain area (area falling altitudes less than 100 m).

Numbers of perennial streams flows through the watershed area namely Seleng Jan, Lieha Noi, Dimu Noi, Sila Suti, Jalakia Suti, Arsiaka Noi, Balikur Noi, Tangani Noi etc. Geologically the watershed area is occupied by Older and Newer alluvium formations. Piedmont deposits of older alluvium consist of boulders, cobbles, gravel, sand and silt. Flood plain and Younger alluvial plains of Newer alluvium consist of gravel, pebble, coarse to medium sand, silt and clay.

The watershed is located near the foothills of Arunachal Pradesh; it exhibits difference in temperature, rainfall, fog, wind etc. The climate of the district is per-humid characterized by high rainfall. Mild summer and winter and falls under cool to warm perhumid thermic-agro ecological sub-zone.

As per 2011 census there are 3552 household in the watershed area. The total population of the watershed area is about 19939 of which 10421 are male and 9518 are female. The population density of the project area is about 296 per sq. km. There are 31.69% population are belongs to Scheduled caste and 28.50 % 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:**

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

The details of WCDC vide notification no No.DMJ/WDC-PMKSY 2.0 I 202 1 -22/52 dated 08-03-2022 as follows-

| <b>Sl No</b> | <b>Name</b>                    | <b>Designation</b>   | <b>Position</b> |
|--------------|--------------------------------|--|-----------------|
| 1            | Sri P. Vijoy Bharkar Reddy,IAS | Deputy Commissioner, Dhemaji                                 | Chairman        |
| 2            | Sri Anup Pathak, ACS           | District Development Commissioner, Dhemaji                   | Co-Chairman     |
| 3            | Smti Tapashi Kalita            | Divisional Officer, Dhemaji-Jonai Soil Conservation Division | Project Manager |
| 4            | Sri Chiranjit Sharma           | District Agriculture Officer                                 | Member          |
| 5            | Sri Lakhinath Lagachu          | District Fishery Development. Dhemaji                        | Member          |
| 6            | Dr. Manoj Thakuria             | District Animal Husbandry & veterinary Officer               | Member          |
| 7            | Sri Dilip Kr. Rabha            | Asstt. Director Sericulture. Dhemaji                         | Member          |
| 8            | Sri Tapan Talukdar             | Executive Engineer, Irrigation                               | Member          |
| 9            | Sri Dharmeswar Das             | Asstt. Director Handloom & Textile                           | Member          |

**Project Implementing Agency:**

Under the WCDC, Dhemaji, Dhemaji Jonai Soil Conservation Division is selected as Project Implementing Agency (PIA) for this watershed project. The Dhemaji Jonai 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. The availability of technical manpower of Dhemaji Jonai Soil Conservation Division are as follows-

**Availability of Technical Manpower:**

| Sl No | Particulars                             | No of Manpower Available |
|-------|---|--------------------------|
| 1     | Divisional Soil Conservation Officer    | 1                        |
| 2     | Soil Conservation Ranger                | 3                        |
| 3     | Soil Conservation Overseer              | 1                        |
| 4     | Soil Conservation Demonstrator (Senior) | 1                        |
| 5     | Soil Conservation Demonstrator (Junior) | 12                       |
| 6     | Field Worker                            | 20                       |
| 7     | Mali & Grade IV staff                   | 17                       |

**Watershed Development Team:**

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

The details of WDT vide notification no No.DMJ/WDC-PMKSY 2.0 I 202 1 -22/48 dated 08-03-2022 as follows-

| Sl No | Name                      | Designation                                       | Position   |
|-------|---------------------------|---|------------|
| 1     | Sri Ranjan Patir          | Range Officer, Silapathar Soil Conservation Range | WDT Leader |
| 2     | Sri Pranjal Morang        | ADO, Agriculture                                  | Member     |
| 3     | Sri Prasana Gogoi         | Assistant Engineer                                | Member     |
| 4     | Sri Rajib Bharat          | Extension Officer, Sericulture                    | Member     |
| 5     | Smti. Shachiproba Sonowal | Supervisor, Social Welfare                        | Member     |
| 6     | Sri Partisha Handique     | Junior Engineer, Fishery                          | Member     |
| 7     | Dr.Samir Bikash Gogoi     | Veterinary Officer                                | 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 111 User Group (under NRM activities) and 575 User Group (under Production System) has been formed and 552 numbers of Self Help Group (SHG) created (for Livelihood Activities).

**Farmer Producers Organization (FPO):**

The Agriculture Department, Dhemaji 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:**

| Component                   | Activities proposed  |
|-----------------------------|--|
| Entry Point Activities      | <ul style="list-style-type: none"> <li>• Waiting Shed</li> <li>• Farmer Rest Shed</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) RCC Check Dam</li> <li>(iii) GCP</li> <li>(iv) Drainage Channel</li> </ul> </li> <li>• Soil Moisture Conservation               <ul style="list-style-type: none"> <li>(i) Agril Bund</li> <li>(ii) Guide Bund</li> <li>(iii) Boulder Spur</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> </ul>  |

| Component             | Activities proposed   |
|-----------------------|---|
|                       | <ul style="list-style-type: none"> <li>• Apple Bear Cultivation</li> <li>• Assam Lemon Cultivation</li> <li>• Papaya Cultivation (Red Lady)</li> <li>• Som &amp; Sualo Cultivation</li> <li>• Banana Cultivation</li> <li>• Vermi Composting</li> </ul> |
| Livelihood Activities | <ul style="list-style-type: none"> <li>• Goatry</li> <li>• Piggery</li> <li>• Poultry</li> <li>• Duckery</li> <li>• Broiler Farm</li> </ul>   |

### Physical target and financial outlays

#### Year Wise Physical Target (Treatable Area):

| Component                                       | Targeted Treatable Area (Area in Ha) |                |               |               |               |                |
|---|--------------------------------------|----------------|---------------|---------------|---------------|----------------|
|   | 1st Year                             | 2nd Year       | 3rd Year      | 4th Year      | 5th Year      | Total          |
| <b>NRM Activities</b>                           |                                      |                |               |               |               |                |
| (i) Soil and Moisture Conservation structures   | 381.40                               | 381.40         | 226.46        | 71.51         | 59.59         | 1120.36        |
| (ii) Water Harvesting Structure                 | 674.67                               | 674.67         | 400.58        | 126.50        | 105.42        | 1981.83        |
| (iii) Vegetative Cover                          | 116.03                               | 116.03         | 68.89         | 21.76         | 18.13         | 340.83         |
| <b>Production System( Land Base Activities)</b> |                                      |                |               |               |               |                |
| (i) Organic Farming                             | 49.13                                | 147.40         | 294.79        | 208.81        | 36.85         | 736.98         |
| <b>Total</b>                                    | <b>1221.22</b>                       | <b>1319.49</b> | <b>990.72</b> | <b>428.58</b> | <b>219.99</b> | <b>4180.00</b> |

### Year Wise Financial outlay (all Component)

| Component  | Financial Outlay by Year (Rs. In Lakh) |                 |               |               |                         | Total in Rs. In Lakh |
|--|--|-----------------|---------------|---------------|-------------------------|----------------------|
|  | Phase -I: Preparatory                  | Phase- II: Work |               |               | Phase-III Consolidation |                      |
|  | 1st Year                               | 2nd Year        | 3rd Year      | 4th Year      | 5th Year                |                      |
| Administrative   | 18.39                                  | 18.39           | 18.39         | 18.39         | 18.39                   | <b>91.96</b>         |
| Monitoring   | 0.00                                   | 4.60            | 4.60          | 4.60          | 4.60                    | <b>18.39</b>         |
| Entry point Activities   | 18.39                                  | 0.00            | 0.00          | 0.00          | 0.00                    | <b>18.39</b>         |
| Institution & Capacity building  | 13.79                                  | 4.60            | 4.60          | 2.30          | 2.30                    | <b>27.59</b>         |
| DPR  | 9.20                                   | 0.00            | 0.00          | 0.00          | 0.00                    | <b>9.20</b>          |
| Natural Resource Management  | 147.14                                 | 147.14          | 87.36         | 27.59         | 22.99                   | <b>432.21</b>        |
| Production System  | 9.20                                   | 27.59           | 55.18         | 39.08         | 6.90                    | <b>137.94</b>        |
| Natural Resource Management & Governance   | 4.60                                   | 4.60            | 4.60          | 4.60          | 0.00                    | <b>18.39</b>         |
| Livelihood Activities for the asset less persons Micro Enterprise & Business Development | 9.20                                   | 22.99           | 55.18         | 41.38         | 9.20                    | <b>137.94</b>        |
| Consolidation  | 0.00                                   | 0.00            | 0.00          | 0.00          | 27.59                   | <b>27.59</b>         |
| <b>TOTAL</b>   | <b>229.90</b>                          | <b>229.90</b>   | <b>229.90</b> | <b>137.94</b> | <b>91.96</b>            | <b>919.60</b>        |

### Treatment area and details

| SL No        | Particulars          | Area (in Ha)   |
|--------------|----------------------|----------------|
| 1            | Rain-fed area        | 4025.00        |
| 2            | Cultivable Wasteland | 155.00         |
| <b>Total</b> |                      | <b>4180.00</b> |

### 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 Soil Health</b>                  |   |   |                  |
| (i)                                   | Soil Organic Carbon increase  | NMR Spectroscopy                        | 5 Year           |
| (ii)                                  | Erosion reduction   | Gully formation/ Sediment loss (gauges) | 3 years          |
| <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          |
| (vii)                                 | Drinking Water availability Increase                                      | Survey/ FGD                             | 3 Years          |
| (viii)                                | Soil Moisture increase  | Probes                                  | Quarterly        |
| <b>C 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 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  | Survey                                  | 2 Years          |

| <b>SL No</b> | <b>Indicators</b>   | <b>Measuring Details</b> | <b>Frequency /Stage</b> |
|--------------|---|--------------------------|-------------------------|
|              | improved variety of total cultivated land   |                          |                         |
| (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                 |
| (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                 |

## Photographic View of PRA Exercise





### Photographic View of Watershed Committee Formation



### During Ramayapur Micro Watershed Committee Formation



### During Sila Suti Micro Watershed Committee Formation





**During Sili Micro Watershed Committee Formation**



**During Arsi Micro Watershed Committee Formation**



## Photographic View of Watershed Area

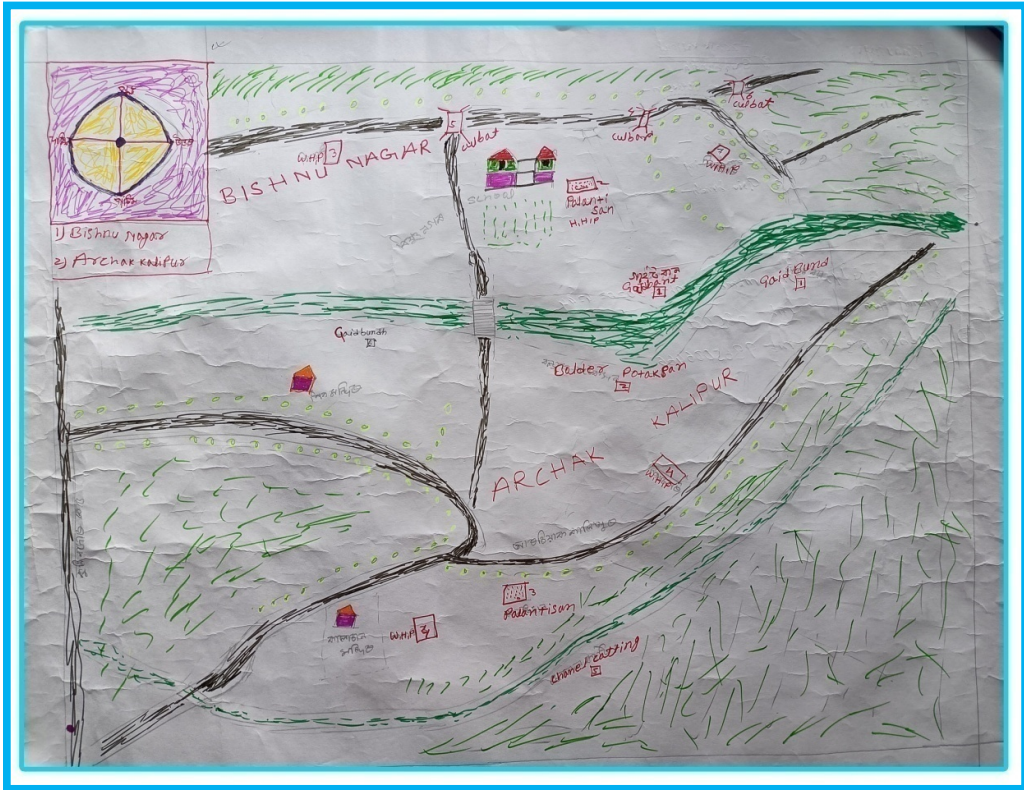








**Arsi Aka Village**



**Bishnu Nagar**



# CHAPTER 1

## Introduction and Background

### INTRODUCTION:

- Name of the State : Assam
- Name of the District : Dhemaji
- Names of the Blocks : Sisiborgaon
- Name of the project : Dhemaji-I (Lower Ghagra)
- Financial Year of sanction : 2021-22
- Project duration : From 2021-22 to 2026-27

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

|   |                               |                          |
|---|-------------------------------|--------------------------|
| 1 | Name of the State             | Assam                    |
| 2 | Name of the project           | Dhemaji-I (Lower Ghagra) |
| 3 | Name of the District          | Dhemaji                  |
| 4 | Names of the Blocks           | Sissiborgaon             |
| 5 | Names of Gram Panchayats      | Silasuti                 |
| 6 | <b>Names Villages covered</b> | <b>Census Code</b>       |
|   | No.2 Nalbari                  | 289054                   |
|   | No.1 Nalbari                  | 289055                   |
|   | Sili Asomiya                  | 289056                   |
|   | Bhagwan Borgayan              | 289057                   |
|   | No.2 Arsi Borgayan            | 289058                   |
|   | No.3 Arsi Borgayan            | 289059                   |
|   | No.1 Majarbari                | 289060                   |
|   | No.2 Majarbari                | 289061                   |
|   | Arcy Aka                      | 289062                   |
|   | Rupahi Borgayan               | 289066                   |
|   | No.3 Sila Block               | 289069                   |
|   | Dimow Gulai                   | 289145                   |
|   | Karoi Bari                    | 289156                   |
|   | Cilli Bijbari                 | 289164                   |
|   | Cilli Adi                     | 289166                   |
|   | Cilli Adi Pathar              | 289167                   |
|   | Gulai                         | 289169                   |
|   | Kantu Adi                     | 289170                   |
|   | No.2 Cilli Nepali             | 289172                   |
|   | Gowranga Pur                  | 289188                   |
|   | No.3 Bhairabpur Kadamtala     | 289189                   |
|   | No.2 Kareng Bali Pur          | 289194                   |
|   | Sibanagar Balipur             | 289195                   |
|   | Kakabari Kamal Pur            | 289196                   |
|   | Kakabari Dharmapur            | 289197                   |
|   | Kadamtala (1 No. & 2 No.)     | 289201                   |
|   | Bukabeel                      | 289202                   |



|    |   |  |
|----|---|--|
|    | No.2 Bukabeel   | 289203   |
|    | No.2 Muktiyar Bukabil   | 289206   |
|    | Bishnu Nagar  | 289207   |
|    | Moha Ranipur  | 289209   |
|    | No.2 Moha Ranipur   | 289210   |
|    | Ramya Pur   | 289212   |
|    | No.2 Kaka Bari  | 289213   |
|    | Manikpur  | 289239   |
| 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.<br>2. A large portion of the population is under poverty.<br>3. Acute shortage of drinking and Irrigation water.<br>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)   | Dhemaji-Jonai Soil Conservation Division, Silapathar, Dhemaji, Assam   |
| 9  | Date of approval of Watershed Development Plan by the DPC                                   |  |
| 10 | Area of the Project (ha.)   | 6748 Ha  |
| 11 | Area proposed to be treated (ha.)   | 4180 Ha  |
| 12 | Financial Year of sanction  | 2021-22  |
| 13 | Project duration  | From 2021-22 to 2026-27  |
| 14 | Project Cost (Rs. in Lakhs)   | <b>919.60 Lakhs</b>  |
| 15 | Date of Sanction by State authority   | <b>04-01-2022</b>  |
| 16 | Date of Release of 1 <sup>st</sup> Installment of Central Assistance (To be filled by DoLR) | <b>23-02-2022</b>  |
| 17 | Any other, please specify   |  |

Source: Census Data, 2011 & Field Survey



**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 Dhemaji-I (Lower Ghagra) with an area of 6746 Ha. located at about 27°35'12.56"N to 27°40'47.37"N to 26°23'4.69"N latitude and 94°44'52.00"E to 94°49'23.86"E longitude.

The main problem of Lower Ghagra Watershed is soil erosion in form of sheet, rill and gully due to several physical and man made factor.

Another problem of the watershed is river bank erosion. The main streams of the watershed are Jan, Lieha Noi, Dimu Noi, Sila Suti, Jalakia Suti, Arsiaka Noi, Balikur Noi, Tangani Noi

**Need and Scope for Watershed Development**

Degradation of soil and water resources is considered not only as an utmost constraint to sustainable agricultural development but also a threat to the society. Poor ecosystem management has and will result in the impaired functioning of watershed and will continue to do so in the future and the need to protect and preserve the quality of the ecosystem is very essential.

Due to rapid growth of population there is an excessive demand for more land both for agriculture and non-agriculture use. This has created a vast stretches of wastelands and some are on the verge of becoming wastelands. There is need to reverse the trend by treating wastelands. Land which is degraded by natural forces needs improvement by appropriate interventions.

Watershed management is the implementation of management systems that ensure the preservation, conservation and sustainable use of all land and water resources. Watershed management also integrates various aspects of forestry, agriculture, hydrology, ecology, soils etc. for choosing acceptable management alternative within the specific social and economic context. As mention above, the major problems of the Lower Ghagra Watershed are degradation of Natural Resources, soil erosion, siltation etc. and therefore there is a huge scope for taking up 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  |    |     |    |   |    |     |      |    |   |    |     |     |       |
|---------|----------|-----------------------------|--|-----------------------------|--|-----------------------------|----|----|-----|----|---|----|-----|------|----|---|----|-----|-----|-------|
| Sl. No. | District | Name of the Project         | No. of Micro Water shed proposed to be covered | Proposed project area (Ha.) | Type of project (Hilly / Desert/ Others) | Proposed cost (Rs. In lakh) | I  | II | III | IV | V | VI | VII | VIII | IX | X | XI | XII | XII | Total |
| 1       | Dhemaji  | Dhemaji-I<br>(LOWER GHAGRA) | 4 (Four)                                       | 4180                        | Others                                   | 919.6                       | 10 | 10 | 5   | 5  | 5 | 5  | 10  | 5    | 5  | 5 | 5  | 15  | 0   | 85.0  |

Source: Field Survey Data

\*As per PPR

| Sln. | Criteria                              | Max Score | Ranges and 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                   | 15        | Over exploited (15)   | Critical (10)  | Sub critical (5)                  | Safe (0)        |
| vi   | Moisture index/ DPAP/DDP Block        | 10        | -66.7 & below (10) DDP Block                                | -33.3 to -66.6 (5) DPAP Block                              | 0 to -33.2 (0) Non DPAP/DDP Block |                 |
| vii  | Area under assured                    | 15        | Less than 10% (15)  | 10 to 20% (10)   | 20 to 30% (5)                     | Above 30%       |

| Sln. | Criteria  | Max Score  | Ranges and Scores   |   |  |                   |
|------|---|------------|---|---|--|-------------------|
|      |   |            |   |   |  | (Reject)          |
|      | irrigation  |            |   |   |  |                   |
| 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  | 10         | Lands with low production & where productivity can be significantly enhanced with reasonable efforts (10) | Land with moderate production & where productivity can be enhanced with reasonable efforts (5)                | Lands with high production & where productivity can be marginally enhanced with reasonable efforts (0)           |                   |
| xi   | Contiguity to another watershed that has already been developed/treated                   | 10         | Contiguous to previously treated watershed & contiguity within the micro watersheds in the project (10)   | Contiguity with in the micro watersheds in the project but non contiguous to previously treated watershed (5) | Neither contiguous to previously treated watershed nor contiguity within the micro watersheds in the project (0) |                   |
| 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 micro watersheds in cluster (10)   | 2 to 4 micro watersheds in cluster (5)   |                   |
| xiii | Cluster approach in the hills (More than one contiguous micro- watersheds in the project) | 15         | Above 5 micro-watersheds in cluster (15)  | 3 to 5 micro watersheds in cluster (10)   | 2 to 3 micro watersheds in cluster (5)   |                   |
|      | <b>Total</b>  | <b>150</b> | <b>150</b>  | <b>90</b>   | <b>41</b>  | <b>2.5</b>        |

**Table no.1.3: Watershed information**

| SI no | Name of Project                                   | Name of MWS               | Name of Village           | Geographical Area(Ha) | Treatable Area(Ha) | Approval Year |
|-------|---|---------------------------|---------------------------|-----------------------|--------------------|---------------|
| 1     | Dhemaji - I LOWER GHAGRA New Generation WDC-PMKSY | SILI MWS (3A5A5Ji)        | Dimow Gulai               | 277                   | 165                | 2021-22       |
| 2     |   |                           | Gulai                     | 429                   | 207                |               |
| 3     |   |                           | No.2 Cilli Nepali         | 220                   | 125                |               |
| 4     |   |                           | Bhagwan Borgayan          | 259                   | 117                |               |
| 5     |   |                           | Kantu Adi                 | 160                   | 117                |               |
| 6     |   |                           | Sili Asomiya              | 197                   | 109                |               |
| 7     |   |                           | Cilli Adi                 | 250                   | 183                |               |
| 8     |   |                           | Cilli Adi Pathar          | 89                    | 76                 |               |
| 9     |   |                           | Cilli Bijbari             | 119                   | 90                 |               |
| 10    |   | ARSI MWS (3A5A5J ii)      | Karoi Bari                | 423                   | 305                |               |
| 11    |   |                           | No.3 Arsi Borgayan        | 283                   | 123                |               |
| 12    |   |                           | No.2 Arsi Borgayan        | 265                   | 134                |               |
| 13    |   |                           | Bishnu Nagar              | 160                   | 108                |               |
| 14    |   |                           | No.1 Nalbari              | 123                   | 51                 |               |
| 15    |   |                           | No.2 Nalbari              | 144                   | 90                 |               |
| 16    |   | SILASUTI MWS (3A5A5J iii) | No.1 Majarbari            | 116                   | 109                |               |
| 17    |   |                           | No.2 Majarbari            | 318                   | 139                |               |
| 18    |   |                           | Arcy Aka                  | 57                    | 48                 |               |
| 19    |   |                           | Rupahi Borgayan           | 140                   | 80                 |               |
| 20    |   |                           | No.3 Sila Block           | 118                   | 93                 |               |
| 21    |   |                           | Gowranga Pur              | 177                   | 116                |               |
| 22    |   |                           | Moha Ranipur              | 207                   | 158                |               |
| 23    |   |                           | No.2 Moha Ranipur         | 199                   | 150                |               |
| 24    |   | RAMAYAPUR MWS (3A5A5J iv) | No.3 Bhairabpur           |                       |                    |               |
| 25    |   |                           | Kadamtala                 | 165                   | 117                |               |
| 26    |   |                           | No.2 Kareng Bali Pur      | 219                   | 144                |               |
| 27    |   |                           | Sibanagar Balipur         | 211                   | 126                |               |
| 28    |   |                           | Kakabari Kamal Pur        | 309                   | 163                |               |
|       |   |                           | Kakabari Dharmapur        | 114                   | 77                 |               |
| 29    |   |                           | Kadamtala (1 No. & 2 No.) | 135                   | 95                 |               |
| 30    |   |                           | Bukabeel                  | 94                    | 77                 |               |
| 31    |   |                           | No.2 Bukabeel             | 119                   | 85                 |               |
| 32    |   |                           | No.2 Muktiyar Bukabil     | 76                    | 66                 |               |
| 33    |   |                           | Ramya Pur                 | 276                   | 123                |               |
| 34    |   |                           | No.2 Kaka Bari            | 207                   | 146                |               |
| 35    | Manikpur  |                           | 91                        | 68                    |                    |               |
|       | <b>TOTAL</b>                                      |                           |                           | <b>6746</b>           | <b>4180</b>        |               |

Source: Census Data & 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              | 35               | NA                                |
| 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   | 2021-22              | 35               | NA                                |

Source: Filed 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 Lower Ghagra Watershed is located in the district of Dhemaji, Assam. The geographically the project area is located  $94^{\circ}44'52.00''\text{E}$  to  $94^{\circ}49'23.86''\text{E}$  and  $27^{\circ}35'12.56''\text{N}$  to  $27^{\circ}40'47.37''\text{N}$ . The watershed area covered 35 numbers of revenue villages under Sissiborgaon development Block. The total project area of the watershed is about 6746Ha. The northern part of the watershed area touched the Arunachal Pradesh State boundary. The River Brahmaputra is located about 6 km from the watershed area towards south.

#### **Physiography:**

Physiographically the district is more or less flat and the area can be divided into high-level plain of Brahmaputra river (area falling altitudes more than 100 m) and flat flood plain area (area falling altitudes less than 100 m). Geologically the watershed area is occupied by Older and Newer alluvium formations. Piedmont deposits of older alluvium consist of boulders, cobbles, gravel, sand and silt. Flood plain and Younger alluvial plains of Newer alluvium consist of gravel, pebble, coarse to medium sand, silt and clay.

#### **Drainage:**

Numbers of perennial streams flows through the watershed area namely Seleng Jan, Lieha Noi, Dimu Noi, Sila Suti, Jalakia Suti, Arsiaka Noi, Balikur Noi, Tangani Noi etc.

#### **Climate:**

The watershed is located near the foothills of Arunachal Pradesh; it exhibits difference in temperature, rainfall, fog, wind etc. The climate of the district is per-humid characterized by high rainfall. Mild summer and winter and falls under cool to warm perhumid thermic-agro ecological sub-zone. The annual rainfall of the district ranges from 2600 mm to 3200 mm. Rainfall generally begins from April and continues till the end of September. The rainfall generally increases from south east to northeast. July is the rainiest month. On an average there are about 200 days with 3.5 mm or more rain in a year. The relative humidity varies from 90 to 73 per cent. The temperature varies between  $39.9^{\circ}\text{C}$  in summer and  $5.9^{\circ}\text{C}$  in winter.

**Soil:**

The general and average soil character of cultivable land in these districts is mainly alluvial and composed of mixture of sand (coarse to fine) and clay in varying proportions. The general geochemical characteristics of the soil is highly acidic. However, new alluvial soils formed due to inundation of land by river at intervals contain more percentages of fine sand fine silt and are less acidic. Such soils are often neutral and even alkaline. Large expanse of low-lying land characterized by heavy clayish soil with a high percentage of nitrogen is good for rice cultivation.

The soils of this district can be broadly classified into three different zones viz. The foothill soils, active flood plain soils near the river Bramhaputra and the low-lying marshy lands.

**Ground Water:**

The depth of ground water table plays an important role in determining the risk due to contamination to groundwater. Like the surface water bodies, the pressure on the ground water is increasing in the watershed area. Ground water occurs under phreatic condition in the shallow aquifer zone and under semi-confined condition in the deeper aquifer. Flow of ground water is from north to south. Pre-monsoon water level varies from 0.01 to 9.40 mbgl and during post-monsoon period, water level varies from 0.56 to 8.26 mgbl. Other than higher arsenic (As) and iron (Fe) concentration in ground water, most of the chemical constituents are within the permissible limit.

**Demography:**

As per 2011 census there are 3552 household in the watershed area. The total population of the watershed area is about 19939 of which 10421 are male and 9518 are female. The population density of the project area is about 296 per sq. km. There are 31.69% population are belongs to Scheduled caste and 28.50 % are Scheduled Tribes population.

**Economy:**

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.

## Land Use/ Land Cover:

The following landuse categories are identified through visual interpretation of remote Sensing Map and supported by field verification. The identified main landuse categories are – Agricultural land (kharif) wich covered about 74% of total geographical area of the watershed and Wetland and rural habitation including homestead plantation.

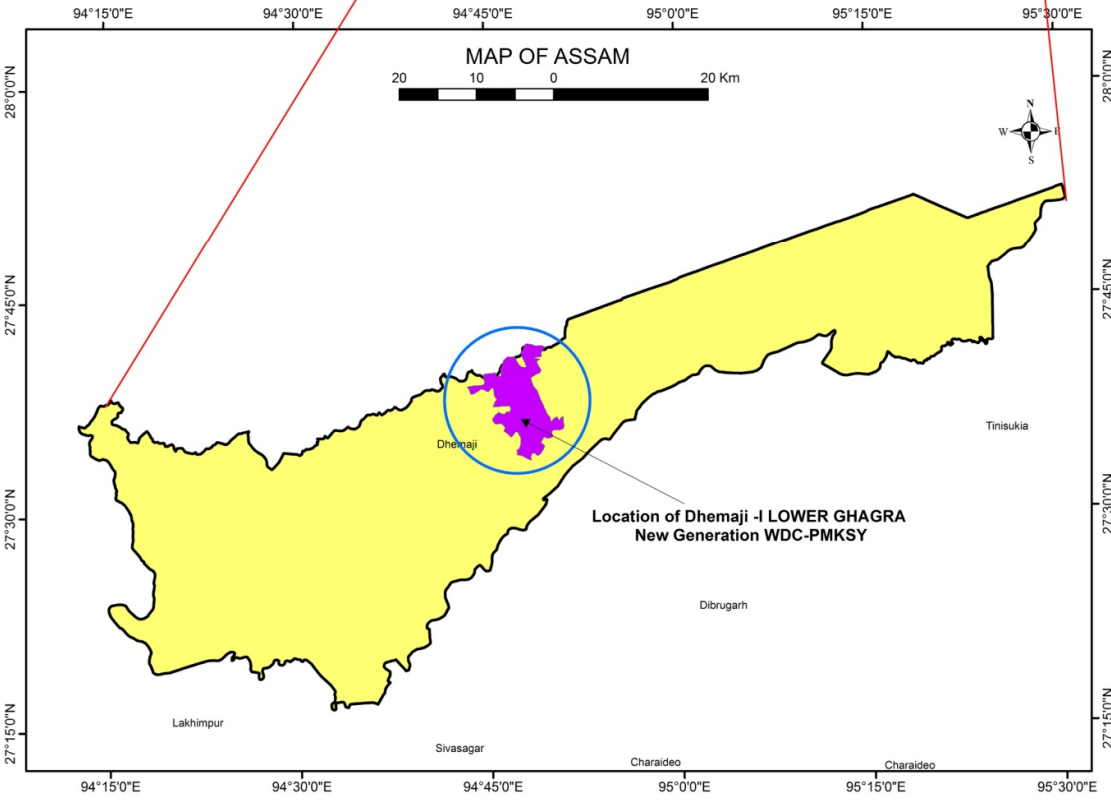
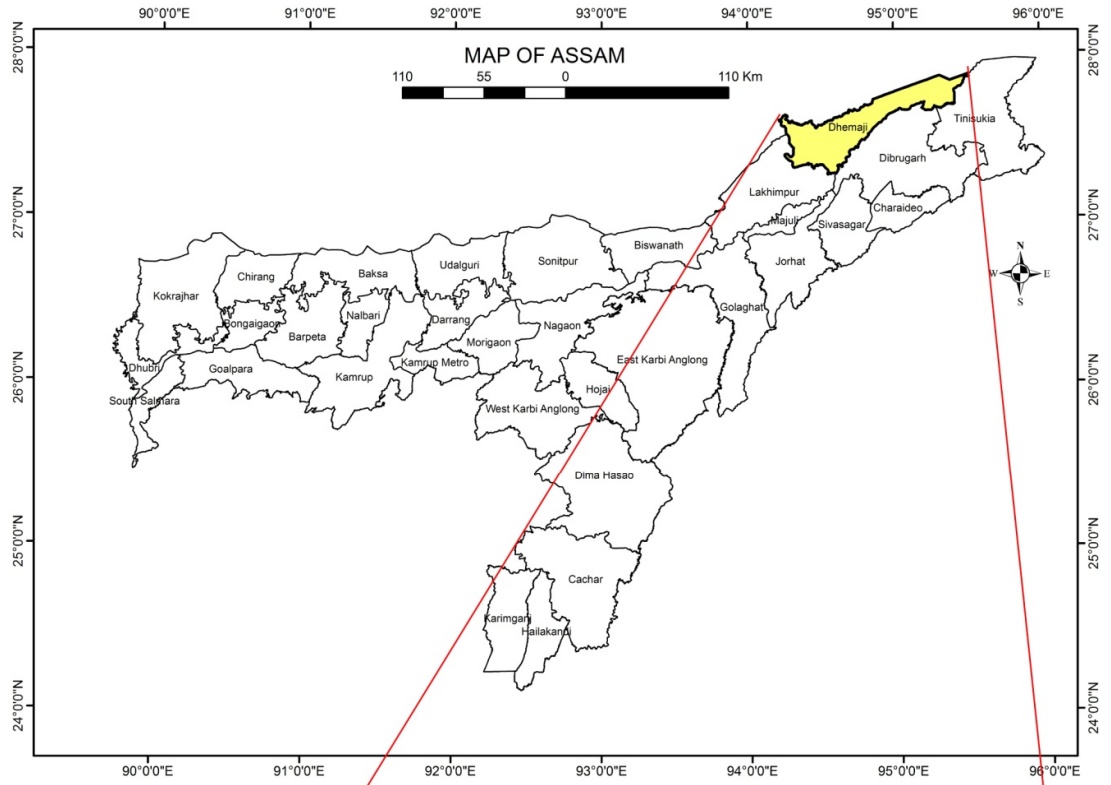
**Table 2.1: Location**

|                      |                                       |                      |
|----------------------|---------------------------------------|----------------------|
| Longitude            | 94°44'52.00"E to 94°49'23.86"E        |                      |
| Latitude             | 27°35'12.56"N to 27°40'47.37"N        |                      |
| State                | ASSAM                                 |                      |
| District             | DHEMAJI                               |                      |
| Subdivision          | DHEMAJI                               |                      |
| Block                | Sisiborgaon                           |                      |
| Panchayat            | SILAPATHAR,SIMENMUKH,SILASUTI,MUKTIAR |                      |
|                      | <b>Village Name</b>                   | <b>Census Number</b> |
| <b>Villages</b>      | No.2 Nalbari                          | 289054               |
|                      | No.1 Nalbari                          | 289055               |
|                      | Sili Asomiya                          | 289056               |
|                      | Bhagwan Borgayan                      | 289057               |
|                      | No.2 Arsi Borgayan                    | 289058               |
|                      | No.3 Arsi Borgayan                    | 289059               |
|                      | No.1 Majarbari                        | 289060               |
|                      | No.2 Majarbari                        | 289061               |
|                      | Arcy Aka                              | 289062               |
|                      | Rupahi Borgayan                       | 289066               |
|                      | No.3 Sila Block                       | 289069               |
|                      | Dimow Gulai                           | 289145               |
|                      | Karoi Bari                            | 289156               |
|                      | Cilli Bijbari                         | 289164               |
|                      | Cilli Adi                             | 289166               |
|                      | Cilli Adi Pathar                      | 289167               |
|                      | Gulai                                 | 289169               |
|                      | Kantu Adi                             | 289170               |
|                      | No.2 Cilli Nepali                     | 289172               |
|                      | Gowranga Pur                          | 289188               |
|                      | No.3 Bhairabpur Kadamtala             | 289189               |
|                      | No.2 Kareng Bali Pur                  | 289194               |
|                      | Sibanagar Balipur                     | 289195               |
|                      | Kakabari Kamal Pur                    | 289196               |
|                      | Kakabari Dharmapur                    | 289197               |
|                      | Kadamtala (1 No. & 2 No.)             | 289201               |
|                      | Bukabeel                              | 289202               |
|                      | No.2 Bukabeel                         | 289203               |
|                      | No.2 Muktiyar Bukabil                 | 289206               |
|                      | Bishnu Nagar                          | 289207               |
|                      | Moha Ranipur                          | 289209               |
|                      | No.2 Moha Ranipur                     | 289210               |
| Ramya Pur            | 289212                                |                      |
| No.2 Kaka Bari       | 289213                                |                      |
| Manikpur             | 289239                                |                      |
| <b>Approach Road</b> | <b>Dhemaji- Jonai Road</b>            |                      |

Source: Census data & Field Survey Data

# Location Map

## Dhemaji -I LOWER GHAGRA New Generation WDC-PMKSY



**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      | Dimow Gulai        | 277                                   | 0                | 207                              | 165                | 42             | 0                       | 0               | 0                   |
| 2      | Gulai              | 429                                   | 0                | 244                              | 207                | 37             | 0                       | 0               | 0                   |
| 3      | No.2 Cilli Nepali  | 220                                   | 0                | 90                               | 88                 | 2              | 0                       | 37              | 24                  |
| 4      | Bhagwan Borgayan   | 259                                   | 0                | 141                              | 117                | 24             | 0                       | 0               | 0                   |
| 5      | Kantu Adi          | 160                                   | 0                | 135                              | 117                | 18             | 0                       | 0               | 0                   |
| 6      | Sili Asomiya       | 197                                   | 0                | 146                              | 109                | 37             | 0                       | 0               | 0                   |
| 7      | Cilli Adi          | 250                                   | 0                | 205                              | 183                | 22             | 0                       | 0               | 0                   |
| 8      | Cilli Adi Pathar   | 89                                    | 0                | 80                               | 76                 | 4              | 0                       | 0               | 0                   |
| 9      | Cilli Bijbari      | 119                                   | 0                | 93                               | 90                 | 3              | 0                       | 0               | 0                   |
| 10     | Karoi Bari         | 423                                   | 0                | 369                              | 286                | 83             | 0                       | 19              | 2                   |
| 11     | No.3 Arsi Borgayan | 283                                   | 0                | 134                              | 105                | 29             | 0                       | 18              | 8                   |
| 12     | No.2 Arsi Borgayan | 265                                   | 0                | 186                              | 125                | 61             | 0                       | 9               | 9                   |
| 13     | Bishnu Nagar       | 160                                   | 0                | 120                              | 108                | 12             | 0                       | 0               | 0                   |
| 14     | No.1 Nalbari       | 123                                   | 0                | 118                              | 51                 | 67             | 0                       | 0               | 0                   |
| 15     | No.2 Nalbari       | 144                                   | 0                | 134                              | 90                 | 44             | 0                       | 0               | 0                   |
| 16     | No.1 Majarbari     | 116                                   | 0                | 90                               | 88                 | 2              | 0                       | 21              | 0                   |
| 17     | No.2 Majarbari     | 318                                   | 0                | 169                              | 94                 | 75             | 0                       | 45              | 1                   |
| 18     | Arcy Aka           | 57                                    | 0                | 42                               | 42                 | 0              | 0                       | 6               | 0                   |
| 19     | Rupahi Borgayan    | 140                                   | 0                | 114                              | 80                 | 34             | 0                       | 0               | 0                   |
| 20     | No.3 Sila Block    | 118                                   | 0                | 99                               | 93                 | 6              | 0                       | 0               | 2                   |
| 21     | Gowranga Pur       | 177                                   | 0                | 156                              | 116                | 40             | 0                       | 0               | 0                   |
| 22     | Moha Ranipur       | 207                                   | 0                | 179                              | 158                | 21             | 0                       | 0               | 5                   |

| 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) |
| 23     | No.2 Moha Ranipur         | 199                                   | 0                | 170                              | 150                | 20             | 0                       | 0               | 0                   |
| 24     | No.3 Bhairabpur Kadamtala | 165                                   | 0                | 136                              | 117                | 19             | 0                       | 0               | 0                   |
| 25     | No.2 Kareng Bali Pur      | 219                                   | 0                | 171                              | 144                | 27             | 0                       | 0               | 0                   |
| 26     | Sibanagar Balipur         | 211                                   | 0                | 169                              | 126                | 43             | 0                       | 0               | 0                   |
| 27     | Kakabari Kamal Pur        | 309                                   | 0                | 228                              | 163                | 65             | 0                       | 0               | 0                   |
| 28     | Kakabari Dharmapur        | 114                                   | 0                | 82                               | 77                 | 5              | 0                       | 0               | 0                   |
| 29     | Kadamtala (1 No. & 2 No.) | 135                                   | 0                | 103                              | 95                 | 8              | 0                       | 0               | 0                   |
| 30     | Bukabeel                  | 94                                    | 0                | 81                               | 77                 | 4              | 0                       | 0               | 0                   |
| 31     | No.2 Bukabeel             | 119                                   | 0                | 91                               | 85                 | 6              | 0                       | 0               | 0                   |
| 32     | No.2 Muktiyar Bukabil     | 76                                    | 0                | 66                               | 66                 | 0              | 0                       | 0               | 0                   |
| 33     | Ramya Pur                 | 276                                   | 0                | 187                              | 123                | 64             | 0                       | 0               | 0                   |
| 34     | No.2 Kaka Bari            | 207                                   | 0                | 186                              | 146                | 40             | 0                       | 0               | 0                   |
| 35     | Manikpur                  | 91                                    | 0                | 68                               | 68                 | 0              | 0                       | 0               | 0                   |
|        | <b>Total</b>              | <b>6746</b>                           | <b>0</b>         | <b>4989</b>                      | <b>4025</b>        | <b>964</b>     | <b>0</b>                | <b>155</b>      | <b>51</b>           |

Source: Field survey data, Census Handbook 2011.

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

| 1<br>Sl.<br>No. | 2<br>Name of Village      | 3<br>No. of beneficiaries covered |             |            |            |             |
|-----------------|---------------------------|-----------------------------------|-------------|------------|------------|-------------|
|                 |                           | MF                                | SF          | LF         | Landless   | Total       |
|                 |                           | 1                                 | Dimow Gulai | 74         | 22         | 12          |
| 2               | Gulai                     | 35                                | 10          | 6          | 4          | 55          |
| 3               | No.2 Cilli Nepali         | 57                                | 24          | 9          | 2          | 92          |
| 4               | Bhagwan Borgayan          | 75                                | 25          | 13         | 4          | 117         |
| 5               | Kantu Adi                 | 80                                | 23          | 12         | 5          | 120         |
| 6               | Sili Asomiya              | 43                                | 14          | 2          | 1          | 60          |
| 7               | Cilli Adi                 | 113                               | 38          | 20         | 4          | 175         |
| 8               | Cilli Adi Pathar          | 138                               | 47          | 19         | 8          | 212         |
| 9               | Cilli Bijbari             | 82                                | 29          | 15         | 4          | 130         |
| 10              | Karoi Bari                | 62                                | 20          | 6          | 4          | 92          |
| 11              | No.3 Arsi Borgayan        | 55                                | 17          | 2          | 3          | 77          |
| 12              | No.2 Arsi Borgayan        | 12                                | 3           | 4          | 1          | 20          |
| 13              | Bishnu Nagar              | 90                                | 43          | 4          | 3          | 140         |
| 14              | No.1 Nalbari              | 28                                | 12          | 5          | 2          | 47          |
| 15              | No.2 Nalbari              | 5                                 | 2           | 1          | 0          | 8           |
| 16              | No.1 Majarbari            | 24                                | 10          | 4          | 2          | 40          |
| 17              | No.2 Majarbari            | 35                                | 11          | 6          | 4          | 56          |
| 18              | Arcy Aka                  | 10                                | 4           | 1          | 0          | 15          |
| 19              | Rupahi Borgayan           | 100                               | 35          | 13         | 3          | 151         |
| 20              | No.3 Sila Block           | 96                                | 32          | 11         | 2          | 141         |
| 21              | Gowranga Pur              | 22                                | 8           | 2          | 2          | 34          |
| 22              | Moha Ranipur              | 60                                | 21          | 11         | 7          | 99          |
| 23              | No.2 Moha Ranipur         | 251                               | 84          | 32         | 13         | 380         |
| 24              | No.3 Bhairabpur Kadamtala | 60                                | 18          | 11         | 6          | 95          |
| 25              | No.2 Kareng Bali Pur      | 165                               | 57          | 29         | 9          | 260         |
| 26              | Sibanagar Balipur         | 68                                | 22          | 12         | 3          | 105         |
| 27              | Kakabari Kamal Pur        | 42                                | 17          | 5          | 3          | 67          |
| 28              | Kakabari Dharmapur        | 32                                | 11          | 4          | 1          | 48          |
| 29              | Kadamtala (1 No. & 2 No.) | 33                                | 10          | 4          | 0          | 47          |
| 30              | Bukabeel                  | 51                                | 17          | 7          | 2          | 77          |
| 31              | No.2 Bukabeel             | 79                                | 28          | 12         | 1          | 120         |
| 32              | No.2 Muktiyar Bukabil     | 140                               | 44          | 20         | 6          | 210         |
| 33              | Ramya Pur                 | 82                                | 29          | 12         | 10         | 133         |
| 34              | No.2 Kaka Bari            | 103                               | 36          | 20         | 6          | 165         |
| 35              | Manikpur                  | 107                               | 32          | 15         | 6          | 160         |
|                 | <b>Total</b>              | <b>2509</b>                       | <b>855</b>  | <b>361</b> | <b>139</b> | <b>3864</b> |

Source: Field Survey Data

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

| 1       | 2  | 3  | 4          | 5                     | 6                    |               | 7           |               |
|---------|--|--|------------|-----------------------|----------------------|---------------|-------------|---------------|
| Sl. No. | Name of the Project                                      | Name of the Agro-climatic zone covers project area | Area in ha | Names of the villages | Major soil types     |               | Major crops |               |
|         |  |  |            |                       | a)Type               | b) Area in ha | a) Name     | b) Area in ha |
| 1       | <b>Dhemaji - I LOWER GHAGRA New Generation WDC-PMKSY</b> | <b>North Bramhaputra Valley</b>                    | 277        | Dimow Gulai           | Lithic Dystrochrepts | 207           | Paddy       | 207           |
| 2       |  |  | 429        | Gulai                 | Lithic Dystrochrepts | 244           | Paddy       | 244           |
| 3       |  |  | 220        | No.2 Cilli Nepali     | Lithic Dystrochrepts | 90            | Paddy       | 90            |
| 4       |  |  | 259        | Bhagwan Borgayan      | Lithic Dystrochrepts | 141           | Paddy       | 141           |
| 5       |  |  | 160        | Kantu Adi             | Lithic Dystrochrepts | 135           | Paddy       | 135           |
| 6       |  |  | 197        | Sili Asomiya          | Lithic Dystrochrepts | 146           | Paddy       | 146           |
| 7       |  |  | 250        | Cilli Adi             | Lithic Dystrochrepts | 205           | Paddy       | 205           |
| 8       |  |  | 89         | Cilli Adi Pathar      | Lithic Dystrochrepts | 80            | Paddy       | 80            |
| 9       |  |  | 119        | Cilli Bijbari         | Lithic Dystrochrepts | 93            | Paddy       | 93            |
| 10      |  |  | 423        | Karoi Bari            | Lithic Dystrochrepts | 369           | Paddy       | 369           |
| 11      |  |  | 283        | No.3 Arsi Borgayan    | Lithic Dystrochrepts | 134           | Paddy       | 134           |
| 12      |  |  | 265        | No.2 Arsi Borgayan    | Lithic Dystrochrepts | 186           | Paddy       | 186           |
| 13      |  |  | 160        | Bishnu Nagar          | Lithic Dystrochrepts | 120           | Paddy       | 120           |
| 14      |  |  | 123        | No.1 Nalbari          | Lithic Dystrochrepts | 118           | Paddy       | 118           |
| 15      |  |  | 144        | No.2 Nalbari          | Lithic Dystrochrepts | 134           | Paddy       | 134           |
| 16      |  |  | 116        | No.1 Majorbari        | Lithic Dystrochrepts | 90            | Paddy       | 90            |
| 17      |  |  | 318        | No.2 Majorbari        | Lithic Dystrochrepts | 169           | Paddy       | 169           |
| 18      |  |  | 57         | Arcy Aka              | Lithic Dystrochrepts | 42            | Paddy       | 42            |



| 1            | 2                   | 3  | 4           | 5                         | 6                    |               | 7           |               |
|--------------|---------------------|--|-------------|---------------------------|----------------------|---------------|-------------|---------------|
| Sl. No.      | Name of the Project | Name of the Agro-climatic zone covers project area | Area in ha  | Names of the villages     | Major soil types     |               | Major crops |               |
|              |                     |  |             |                           | a)Type               | b) Area in ha | a) Name     | b) Area in ha |
| 19           |                     |  | 140         | Rupahi Borgayan           | Lithic Dystrochrepts | 114           | Paddy       | 114           |
| 20           |                     |  | 118         | No.3 Sila Block           | Lithic Dystrochrepts | 99            | Paddy       | 99            |
| 21           |                     |  | 177         | Gowranga Pur              | Lithic Dystrochrepts | 156           | Paddy       | 156           |
| 22           |                     |  | 207         | Moha Ranipur              | Lithic Dystrochrepts | 179           | Paddy       | 179           |
| 23           |                     |  | 199         | No.2 Moha Ranipur         | Lithic Dystrochrepts | 170           | Paddy       | 170           |
| 24           |                     |  | 165         | No.3 Bhairabpur Kadamtala | Lithic Dystrochrepts | 136           | Paddy       | 136           |
| 25           |                     |  | 219         | No.2 Kareng Bali Pur      | Lithic Dystrochrepts | 171           | Paddy       | 171           |
| 26           |                     |  | 211         | Sibanagar Balipur         | Lithic Dystrochrepts | 169           | Paddy       | 169           |
| 27           |                     |  | 309         | Kakabari Kamal Pur        | Lithic Dystrochrepts | 228           | Paddy       | 228           |
| 28           |                     |  | 114         | Kakabari Dharmapur        | Lithic Dystrochrepts | 82            | Paddy       | 82            |
| 29           |                     |  | 135         | Kadamtala (1 No. & 2 No.) | Lithic Dystrochrepts | 103           | Paddy       | 103           |
| 30           |                     |  | 94          | Bukabeel                  | Lithic Dystrochrepts | 81            | Paddy       | 81            |
| 31           |                     |  | 119         | No.2 Bukabeel             | Lithic Dystrochrepts | 91            | Paddy       | 91            |
| 32           |                     |  | 76          | No.2 Muktiyar Bukabil     | Lithic Dystrochrepts | 66            | Paddy       | 66            |
| 33           |                     |  | 276         | Ramya Pur                 | Lithic Dystrochrepts | 187           | Paddy       | 187           |
| 34           |                     |  | 207         | No.2 Kaka Bari            | Lithic Dystrochrepts | 186           | Paddy       | 186           |
| 35           |                     |  | 91          | Manikpur                  | Lithic Dystrochrepts | 68            | Paddy       | 68            |
| <b>Total</b> |                     |  | <b>6746</b> | <b>0</b>                  | <b>0</b>             | <b>4989</b>   | <b>0</b>    | <b>4989</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<br>(Please specify) |   |
| 1       | Flood       | 26 Nos   | Yes         | -                             | 10 Nos  |
|         |             | Name(s) of villages<br>Karoi Bari,<br>No.3 Arsi Borgayan<br>No.2 Arsi Borgayan<br>Bishnu Nagar<br>No.1 Nalbari<br>No.2 Nalbari<br>No.1 Majarbari<br>No.2 Majarbari<br>Arcy Aka<br>Rupahi Borgayan<br>No.3 Sila Block<br>Gowranga Pur<br>Moha Ranipur<br>No.2 Moha Ranipur<br>No.3 Bhairabpur Kadamtala<br>No.2 Kareng Bali Pur<br>Sibanagar Balipur<br>Kakabari Kamal Pur<br>Kakabari Dharmapur<br>Kadamtala (1 No. & 2 No.)<br>Bukabeel | Yes         | ---                           | Dimow Gulai<br>Gulai<br>No.2 Cilli Nepali<br>Bhagwan<br>Borgayan<br>Kantu Adi<br>Sili Asomiya<br>Cilli Adi<br>Cilli Adi Pathar<br>Cilli Bijbari |

| 1       | 2           | 3   | 4  |                               | 5            |
|---------|-------------|---|--|-------------------------------|--------------|
| Sl. No. | Particulars | Villages  | Periodicity  |                               | Not affected |
|         |             |   | Annual   | Any other<br>(Please specify) |              |
|         |             | No.2 Bukabeel<br>No.2 Muktiyar Bukabil<br>Ramya Pur<br>No.2 Kaka Bari<br>Manikpur |  |                               |              |
|         |             | No. of villages   | 10 Nos   | -                             | -            |
| 2       | Drought     | Name(s) of villages   | Dimow Gulai<br>Gulai<br>No.2 Cilli Nepali<br>Bhagwan Borgayan<br>Kantu Adi<br>Sili Asomiya<br>Cilli Adi<br>Cilli Adi Pathar<br>Cilli Bijbari | -                             | -            |

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     | Average soil loss (Tonnes/ ha/ year) |
|                      |                 |                    | (mm/ year)  |                                      |
| <b>Water erosion</b> |                 |                    |             |                                      |
| a                    | Sheet           | 5287               | 1108        | 0.5 MT/Ha                            |
| b                    | Rill            | 342                |             |                                      |
| c                    | Gully           | 103                |             |                                      |
| Sub-Total            |                 | 5732               |             |                                      |
| Wind erosion         |                 | Nil                |             |                                      |
| <b>Total</b>         |                 | <b>5732</b>        | <b>1108</b> |                                      |

Source: Field Survey Data

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

| Name of the Villages | Sample no | Soil Ph | Soil Type  |
|----------------------|-----------|---------|------------|
| Dimow Gulai          | M-1/S-1   | Neutral | Clay Loam  |
| Gulai                | M-1/S-2   | Neutral | Clay Loam  |
| No.2 Cilli Nepali    | M-1/S-3   | Neutral | Clay Loam  |
| Bhagwan Borgayan     | M-1/S-4   | Neutral | Clay Loam  |
| Kantu Adi            | M-1/S-5   | Neutral | Clay Loam  |
| Sili Asomiya         | M-1/S-6   | Neutral | Clay Loam  |
| Cilli Adi            | M-1/S-7   | Neutral | Clay Loam  |
| Cilli Adi Pathar     | M-1/S-8   | Neutral | Clay Loam  |
| Cilli Bijbari        | M-1/S-9   | Neutral | Clay Loam  |
| Karoi Bari           | M-2/S-1   | Neutral | Sandy Loam |
| No.3 Arsi Borgayan   | M-2/S-2   | Neutral | Sandy Loam |
| No.2 Arsi Borgayan   | M-2/S-3   | Neutral | Sandy Loam |
| Bishnu Nagar         | M-2/S-4   | Neutral | Sandy Loam |
| No.1 Nalbari         | M-2/S-5   | Neutral | Sandy Loam |
| No.2 Nalbari         | M-2/S-6   | Neutral | Sandy Loam |
| No.1 Majarbari       | M-3/S-1   | Neutral | Sandy Loam |
| No.2 Majarbari       | M-3/S-2   | Neutral | Sandy Loam |
| Arcy Aka             | M-3/S-3   | Neutral | Sandy Loam |
| Rupahi Borgayan      | M-3/S-4   | Neutral | Sandy Loam |
| No.3 Sila Block      | M-3/S-5   | Neutral | Sandy Loam |
| Gowranga Pur         | M-3/S-6   | Neutral | Sandy Loam |
| Moha Ranipur         | M-3/S-7   | Neutral | Sandy Loam |
| No.2 Moha Ranipur    | M-3/S-8   | Neutral | Sandy Loam |

| <b>Name of the Villages</b> | <b>Sample no</b> | <b>Soil Ph</b> | <b>Soil Type</b> |
|-----------------------------|------------------|----------------|------------------|
| No.3 Bhairabpur Kadamtala   | M-4/S-1          | Neutral        | Sandy Loam       |
| No.2 Kareng Bali Pur        | M-4/S-2          | Neutral        | Sandy Loam       |
| Sibanagar Balipur           | M-4/S-3          | Neutral        | Sandy Loam       |
| Kakabari Kamal Pur          | M-4/S-4          | Neutral        | Sandy Loam       |
| Kakabari Dharmapur          | M-4/S-5          | Neutral        | Sandy Loam       |
| Kadamtala (1 No. & 2 No.)   | M-4/S-6          | Neutral        | Sandy Loam       |
| Bukabeel                    | M-4/S-7          | Neutral        | Sandy Loam       |
| No.2 Bukabeel               | M-4/S-8          | Neutral        | Sandy Loam       |
| No.2 Muktiyar Bukabil       | M-4/S-9          | Neutral        | Sandy Loam       |
| Ramya Pur                   | M-4/S-10         | Neutral        | Sandy Loam       |
| No.2 Kaka Bari              | M-4/S-11         | Neutral        | Sandy Loam       |
| Manikpur                    | M-4/S-12         | Neutral        | Sandy Loam       |

Source: Field Survey & tested Data

**Table No.2.7.1 Climatic Condition**

| SI 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) |
|-------|---------|----------------------------------|---------|---------|---|----------|--------|---------------|-----------------------------------|-----------------------|---------------------------------|
|       |         | Jan/Dec                          | Dec/Apr | Sep/Oct |   | Max      | Min    |               |                                   |                       |                                 |
| 1     | 2016-17 | 29.0                             | 407.68  | 67.80   | 5147.46   | 35.00    | 14.00  | NA            | NA                                | NA                    | 1020                            |
| 2     | 2017-18 | 39.6                             | 406.10  | 66.45   |   | 36.50    | 15.50  |               |                                   | 73.88                 |                                 |
| 3     | 2018-19 | 6.1                              | 594.92  | 84.24   |   | 37.00    | 16.00  |               |                                   | 54.88                 |                                 |
| 4     | 2019-20 | 16.7                             | 482.93  | 45.85   |   | 38.50    | 15.00  |               |                                   | 63.89                 |                                 |
| 5     | 2020-21 | 28.25                            | 463.10  | 79.98   |   | 40.00    | 14.500 |               |                                   | 56.90                 |                                 |
|       |         |                                  |         |         |   |          |        |               |                                   | 58.86                 |                                 |

Source: Assam Agriculture University

**Table No.-2.8 Physiographic Features**

| Elevation (MSL) | Slope Range(%) | Order of Watershed | Major Stream   | Toposequence series) (Soil | Average annual soil loss(Ton / hectare/year) |
|-----------------|----------------|--------------------|--|----------------------------|--|
| 130 Mtr.        | 0-11.5 %       | 1st                | Seleng Jan, Lieha Noi, Dimu Noi, Sila Suti, Jalakia Suti, Arsiaka Noi, Balikur Noi, Tangan Noi | Alluvial                   | Average 34 T/Ha/Year                         |

Source: Field Survey

**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                    | 8.654                 | 1.333            | 8.00          | Plain            | 64.90 Km                   |

Source: Field Survey

## CHAPTER – 3

### BASE LINE INFORMATION OF WATERSHED

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

| 1    | 2                    | 3     | 4      | 5     |
|------|----------------------|-------|--------|-------|
| S.No | Feature              | Male  | Female | Total |
| 1    | Population           | 10421 | 9518   | 19939 |
|      | SC                   | 3329  | 2990   | 6319  |
|      | ST                   | 2925  | 2759   | 5684  |
|      | BC                   | -     | -      | -     |
|      | Others               | 4167  | 3769   | 7936  |
| 2    | Children(0-14 years) | -     | -      | -     |
| 3    | Sex Ratio            | 913   |        |       |
| 4    | Literacy             | 60%   | 43%    | 51%   |
|      | Literates            | 6207  | 4111   | 10318 |
|      | Illiterates          | 4214  | 5407   | 9621  |
| 5    | Work Force           | 5423  | 2742   | 8165  |
|      | Agriculture          | 4794  | 2423   | 7217  |
|      | Industrial/Business  | 271   | 121    | 392   |
|      | Service              | 358   | 198    | 556   |
| 6    | Birth Rate           | -     | -      | -     |
| 7    | Death Rate           | -     | -      | -     |

Source: Field Survey, Cenusus Handbook, 2011

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

| SI.No | Feature  | No./ quantity)       |
|-------|--|----------------------|
| 1     | <b>Milch Animals</b>                                       |                      |
|       | Cows   | 1847                 |
|       | Buffaloes  | 30                   |
|       | Goat, sheep  | 3907                 |
| 2     | <b>Draft Animals</b>                                       |                      |
|       | Ox   | 587                  |
|       | He Buffalo   | 27                   |
| 3     | <b>Others</b>  |                      |
|       | Poultry  | 15600                |
|       | Piggery  | 4800                 |
| 4     | <b>Total Milk production</b> from milch animals (ltrs/day) | 462                  |
| 5     | <b>Fodder Availability</b>                                 |                      |
|       | Dry (Abundant/Sufficient/ Scarce)                          | Sufficient           |
|       | Green (Abundant/Sufficient/ Scarce)                        | Scarce (occasionaly) |
| 6     | <b>Fuel wood Availability</b> (Abundant/Sufficient/Scarce) | Scarce               |

Source: Field Survey,

**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      | 2509        | 1217           | 398               | 365 | 980    | 120       | 101 | 164    | 30000                     | 30000         | 30000         | 90000         |
| 2      | Small Farmers | 857         | 0              | 272               | 240 | 368    | 97        | 75  | 123    | 40000                     | 40000         | 40000         | 120000        |
| 3      | Big farmers   | 361         | 0              | 390               | 354 | 650    | 84        | 76  | 124    | 60000                     | 60000         | 70000         | 190000        |
| 4      | Landless      | 137         | 137            | 5                 | 4   |        | 0         | 0   |        | 20000                     | 20000         | 20000         | 60000         |
|        | <b>Total</b>  | <b>3864</b> | <b>1354</b>    | 1064              | 963 | 1998   | 301       | 252 | 411    | <b>150000</b>             | <b>150000</b> | <b>160000</b> | <b>460000</b> |

Source: Fiels 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 |                                   |   |  |  |                                   |
| No.2 Nalbari       | 29                       | 8 | 37    | 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    |
| No.1 Nalbari       | 14                       | 5 | 19    |                                   |   |  |  |                                   |
| Sili Asomiya       | 20                       | 7 | 27    |                                   |   |  |  |                                   |
| Bhagwan Borgayan   | 35                       | 2 | 37    |                                   |   |  |  |                                   |
| No.2 Arsi Borgayan | 32                       | 1 | 33    |                                   |   |  |  |                                   |
| No.3 Arsi Borgayan | 16                       | 4 | 20    |                                   |   |  |  |                                   |
| No.1 Majarbari     | 41                       | 1 | 42    |                                   |   |  |  |                                   |
| No.2 Majarbari     | 51                       | 1 | 52    |                                   |   |  |  |                                   |
| Arcy Aka           | 32                       | 3 | 35    |                                   |   |  |  |                                   |
| Rupahi Borgayan    | 20                       | 6 | 27    |                                   |   |  |  |                                   |
| No.3 Sila Block    | 19                       | 6 | 25    |                                   |   |  |  |                                   |
| Dimow Gulai        | 5                        | 2 | 7     |                                   |   |  |  |                                   |
| Karoi Bari         | 32                       | 1 | 33    |                                   |   |  |  |                                   |
| Cilli Bijbari      | 11                       | 3 | 14    |                                   |   |  |  |                                   |
| Cilli Adi          | 2                        | 0 | 2     |                                   |   |  |  |                                   |
| Cilli Adi Pathar   | 9                        | 3 | 12    |                                   |   |  |  |                                   |
| Gulai              | 16                       | 4 | 20    |                                   |   |  |  |                                   |
| Kantu Adi          | 2                        | 1 | 3     |                                   |   |  |  |                                   |

| 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       |                                   |                               |  |                             |                                   |
| No.2 Cilli Nepali         | 33                       | 2          | 35          |                                   |                               |  |                             |                                   |
| Gowranga Pur              | 33                       | 2          | 35          |                                   |                               |  |                             |                                   |
| No.3 Bhairabpur Kadamtala | 6                        | 2          | 8           |                                   |                               |  |                             |                                   |
| No.2 Kareng Bali Pur      | 27                       | 7          | 34          |                                   |                               |  |                             |                                   |
| Sibanagar Balipur         | 97                       | 3          | 100         |                                   |                               |  |                             |                                   |
| Kakabari Kamal Pur        | 24                       | 8          | 33          |                                   |                               |  |                             |                                   |
| Kakabari Dharmapur        | 64                       | 3          | 67          |                                   |                               |  |                             |                                   |
| Kadamtala (1 No. & 2 No.) | 25                       | 8          | 33          |                                   |                               |  |                             |                                   |
| Bukabeel                  | 15                       | 5          | 20          |                                   |                               |  |                             |                                   |
| No.2 Bukabeel             | 13                       | 4          | 17          |                                   |                               |  |                             |                                   |
| No.2 Muktiyar Bukabil     | 11                       | 3          | 15          |                                   |                               |  |                             |                                   |
| Bishnu Nagar              | 19                       | 6          | 25          |                                   |                               |  |                             |                                   |
| Moha Ranipur              | 26                       | 9          | 35          |                                   |                               |  |                             |                                   |
| No.2 Moha Ranipur         | 52                       | 4          | 56          |                                   |                               |  |                             |                                   |
| Ramya Pur                 | 35                       | 1          | 36          |                                   |                               |  |                             |                                   |
| No.2 Kaka Bari            | 39                       | 1          | 40          |                                   |                               |  |                             |                                   |
| Manikpur                  | 31                       | 2          | 33          |                                   |                               |  |                             |                                   |
| <b>Total</b>              | <b>938</b>               | <b>128</b> | <b>1066</b> |                                   |                               |  |                             |                                   |

Source: Fiels 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 | Male           | Female     | Total       | Male                       | Female    | Total      | Male                       | Female    | Total      | Male                           | Female     | Total      | Male                        | Female     | Total       | No. of SHGs  | Bank Loan Amount (Rs.) |    |
| 1 | SHG          | 18                | 135             | -         | 153   | (i) Landless   | 33         | 306         | 339                        | 9         | 86         | 95                         | 10        | 99         | 109                            | 14         | 121        | 135                         | 33         | 306         | 339          | 43                     | NA |
|   |              |                   |                 |           |       | (ii) MF        | 98         | 828         | 926                        | 27        | 230        | 257                        | 32        | 260        | 292                            | 39         | 338        | 377                         | 98         | 828         | 926          |                        |    |
|   |              |                   |                 |           |       | (iii) SF       | 57         | 326         | 383                        | 16        | 92         | 108                        | 20        | 102        | 122                            | 21         | 132        | 153                         | 0          | 0           | 0            |                        |    |
|   |              |                   |                 |           |       | (iv) LF        | 10         | 25          | 35                         | 3         | 7          | 10                         | 4         | 8          | 12                             | 3          | 10         | 13                          | 0          | 0           | 0            |                        |    |
|   | <b>Total</b> |                   |                 |           |       |                | <b>198</b> | <b>1485</b> | <b>1683</b>                | <b>55</b> | <b>415</b> | <b>470</b>                 | <b>66</b> | <b>469</b> | <b>535</b>                     | <b>77</b>  | <b>601</b> | <b>678</b>                  | <b>131</b> | <b>1134</b> | <b>1265</b>  | <b>43</b>              |    |
| 2 | UGs          | 12                | 0               | 24        |       | (i) Landless   | 111        | 31          | 142                        | 30        | 2          | 32                         | 18        | 9          | 27                             | 63         | 20         | 83                          | 111        | 31          | 142          | NA                     | NA |
|   |              |                   |                 |           |       | (ii) MF        | 104        | 28          | 132                        | 28        | 1          | 29                         | 30        | 12         | 42                             | 46         | 15         | 61                          | 104        | 28          | 132          | NA                     | NA |
|   |              |                   |                 |           |       | (iii) SF       | 70         | 12          | 82                         | 4         | 1          | 5                          | 2         | 2          | 4                              | 64         | 9          | 73                          | 0          | 0           | 0            | NA                     | NA |
|   |              |                   |                 |           |       | (iv) LF        | 10         | 2           | 12                         | 1         | 0          | 1                          | 0         | 0          | 0                              | 9          | 2          | 11                          | 0          | 0           | 0            | NA                     | NA |
|   | <b>Total</b> |                   |                 |           |       |                | <b>295</b> | <b>73</b>   | <b>368</b>                 | <b>63</b> | <b>4</b>   | <b>67</b>                  | <b>50</b> | <b>23</b>  | <b>73</b>                      | <b>182</b> | <b>46</b>  | <b>228</b>                  | <b>215</b> | <b>59</b>   | <b>274</b>   |                        |    |

VSS: Van Suraksha Samiti, FG: Farmer's Group/ Farmer's Club, WUA: Water User Association, F-SHG: Federation of SHGs (C: at Cluster, B: at Block), PG: Producer's Group, PC: Producer's Cooperative  
Source: Field Survey Data

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

| 1     | 2  | 3            | 4                  | 5                    |
|-------|--|--------------|--------------------|----------------------|
| SI.No | Infrastructure type  | No./Quantity | Distance (km)      | Status (description) |
| 1     | Educational Institutions   |              |                    |                      |
|       | Anganwadi  | 22           | Within the village | Functional           |
|       | Primary School   | 25           | Within the village | Functional           |
|       | Secondary school   | 2            | Within the village | Functional           |
|       | Govt. College  | 0            | Silapathar (5 Km)  | Functional           |
|       | Vocational Institutions  | -            | Silapathar (5 Km)  | Functional           |
| 2     | Service Institutions   | -            |                    |                      |
|       | Bank   | 0            | Silapathar (5 Km)  | FUnctional           |
|       | Post office  | 2            | -                  | -                    |
|       | Primary Health Care Center                                       | 5            | Within the village | Functional           |
|       | Veterinary Center  | 0            | Silapathar (5 Km)  | Functional           |
|       | Markets/ Village Haat  | 11           | Within the village | Functional           |
| 3     | No. of bore wells/pump sets (Functional)                         | 28           | Within the village | Functional           |
| 4     | No. of Milk collection centers                                   | -            | Silapathar (5 Km)  | Functional           |
|       | ( Union/ Society/ Pvt. Agency/Others)                            | -            | -                  | -                    |
|       | Total Quantity of surplus milk                                   | -            | -                  | -                    |
| 5     | Road Connectivity (to main road by an all-weather road) (Yes/No) | Yes          |                    | Functional           |
| 6     | Bus facility (Yes/No)  | Yes          |                    | Functional           |
| 7     | No. of HHs provided electricity                                  | -            |                    |                      |
| 8     | No. of HHs with access to drinking water                         | 3864         | -                  | -                    |
| 9     | Access to Agro Industries (Yes/No)                               | No           | -                  | -                    |
| 10    | Any other facilities (specify-----)                              |              |                    |                      |

Source: Field Survey Data

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

| 1<br>S. No | 2<br>Name          | 3<br>Geographical Area | 4<br>Forest Area | 5<br>Community Land | 6<br>Land under Non Agriculture Use | 7<br>Permanent Pastures | 8<br>Land Under miscellaneous use | 9<br>Uncultivated Private land |                  | 10<br>Cultivated area |                      | 11<br>Net Sown Area | 12<br>Net Area sown more than once | 13*<br>Gross Cropped Area |
|------------|--------------------|------------------------|------------------|---------------------|-------------------------------------|-------------------------|-----------------------------------|--------------------------------|------------------|-----------------------|----------------------|---------------------|------------------------------------|---------------------------|
|            |                    |                        |                  |                     |                                     |                         |                                   | Temporary fallow               | Permanent Fallow | Cultivated Rainfed    | Cultivated Irrigated |                     |                                    |                           |
| 1          | Dimow Gulai        | 277.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 70.00                             | 0.00                           | 0.00             | 165.00                | 42.00                | 207.00              | 42.00                              | 249.00                    |
| 2          | Gulai              | 429.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 185.00                            | 0.00                           | 0.00             | 207.00                | 37.00                | 244.00              | 37.00                              | 281.00                    |
| 3          | No.2 Cilli Nepali  | 220.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 69.00                             | 37.00                          | 24.00            | 88.00                 | 2.00                 | 90.00               | 2.00                               | 92.00                     |
| 4          | Bhagwan Borgayan   | 259.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 118.00                            | 0.00                           | 0.00             | 117.00                | 24.00                | 141.00              | 24.00                              | 165.00                    |
| 5          | Kantu Adi          | 160.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 25.00                             | 0.00                           | 0.00             | 117.00                | 18.00                | 135.00              | 18.00                              | 153.00                    |
| 6          | Sili Asomiya       | 197.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 51.00                             | 0.00                           | 0.00             | 109.00                | 37.00                | 146.00              | 37.00                              | 183.00                    |
| 7          | Cilli Adi          | 250.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 45.00                             | 0.00                           | 0.00             | 183.00                | 22.00                | 205.00              | 22.00                              | 227.00                    |
| 8          | Cilli Adi Pathar   | 89.00                  | 0.00             | 0.00                | 0.00                                | 0.00                    | 9.00                              | 0.00                           | 0.00             | 76.00                 | 4.00                 | 80.00               | 4.00                               | 84.00                     |
| 9          | Cilli Bijbari      | 119.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 26.00                             | 0.00                           | 0.00             | 90.00                 | 3.00                 | 93.00               | 3.00                               | 96.00                     |
| 10         | Karoi Bari         | 423.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 33.00                             | 19.00                          | 2.00             | 286.00                | 83.00                | 369.00              | 83.00                              | 452.00                    |
| 11         | No.3 Arsi Borgayan | 283.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 123.00                            | 18.00                          | 8.00             | 105.00                | 29.00                | 134.00              | 29.00                              | 163.00                    |
| 12         | No.2 Arsi Borgayan | 265.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 61.00                             | 9.00                           | 9.00             | 125.00                | 61.00                | 186.00              | 61.00                              | 247.00                    |
| 13         | Bishnu Nagar       | 160.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 40.00                             | 0.00                           | 0.00             | 108.00                | 12.00                | 120.00              | 12.00                              | 132.00                    |
| 14         | No.1 Nalbari       | 123.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 5.00                              | 0.00                           | 0.00             | 51.00                 | 67.00                | 118.00              | 67.00                              | 185.00                    |
| 15         | No.2 Nalbari       | 144.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 10.00                             | 0.00                           | 0.00             | 90.00                 | 44.00                | 134.00              | 44.00                              | 178.00                    |
| 16         | No.1 Majarbari     | 116.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 5.00                              | 21.00                          | 0.00             | 88.00                 | 2.00                 | 90.00               | 2.00                               | 92.00                     |
| 17         | No.2 Majarbari     | 318.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 103.00                            | 45.00                          | 1.00             | 94.00                 | 75.00                | 169.00              | 75.00                              | 244.00                    |
| 18         | Arcy Aka           | 57.00                  | 0.00             | 0.00                | 0.00                                | 0.00                    | 9.00                              | 6.00                           | 0.00             | 42.00                 | 0.00                 | 42.00               | 0.00                               | 42.00                     |
| 19         | Rupahi Borgayan    | 140.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 26.00                             | 0.00                           | 0.00             | 80.00                 | 34.00                | 114.00              | 34.00                              | 148.00                    |
| 20         | No.3 Sila Block    | 118.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 17.00                             | 0.00                           | 2.00             | 93.00                 | 6.00                 | 99.00               | 6.00                               | 105.00                    |
| 21         | Gowranga Pur       | 177.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 21.00                             | 0.00                           | 0.00             | 116.00                | 40.00                | 156.00              | 40.00                              | 196.00                    |
| 22         | Moha Ranipur       | 207.00                 | 0.00             | 0.00                | 0.00                                | 0.00                    | 23.00                             | 0.00                           | 5.00             | 158.00                | 21.00                | 179.00              | 21.00                              | 200.00                    |

| 1     | 2                         | 3                 | 4           | 5              | 6                              | 7                  | 8                            | 9                         |                  | 10                 |                      | 11            | 12                           | 13*                |
|-------|---------------------------|-------------------|-------------|----------------|--------------------------------|--------------------|------------------------------|---------------------------|------------------|--------------------|----------------------|---------------|------------------------------|--------------------|
| S. No | Name                      | Geographical Area | Forest Area | Community Land | Land under Non Agriculture Use | Permanent Pastures | Land Under miscellaneous use | Uncultivated Private land |                  | Cultivated area    |                      | Net Sown Area | Net Area sown more than once | Gross Cropped Area |
|       |                           |                   |             |                |                                |                    |                              | Temporary fallow          | Permanent Fallow | Cultivated Rainfed | Cultivated Irrigated |               |                              |                    |
| 23    | No.2 Moha Ranipur         | 199.00            | 0.00        | 0.00           | 0.00                           | 0.00               | 29.00                        | 0.00                      | 0.00             | 150.00             | 20.00                | 170.00        | 20.00                        | 190.00             |
| 24    | No.3 Bhairabpur Kadamtala | 165.00            | 0.00        | 0.00           | 0.00                           | 0.00               | 29.00                        | 0.00                      | 0.00             | 117.00             | 19.00                | 136.00        | 19.00                        | 155.00             |
| 25    | No.2 Kareng Bali Pur      | 219.00            | 0.00        | 0.00           | 0.00                           | 0.00               | 48.00                        | 0.00                      | 0.00             | 144.00             | 27.00                | 171.00        | 27.00                        | 198.00             |
| 26    | Sibanagar Balipur         | 211.00            | 0.00        | 0.00           | 0.00                           | 0.00               | 42.00                        | 0.00                      | 0.00             | 126.00             | 43.00                | 169.00        | 43.00                        | 212.00             |
| 27    | Kakabari Kamal Pur        | 309.00            | 0.00        | 0.00           | 0.00                           | 0.00               | 81.00                        | 0.00                      | 0.00             | 163.00             | 65.00                | 228.00        | 65.00                        | 293.00             |
| 28    | Kakabari Dharmapur        | 114.00            | 0.00        | 0.00           | 0.00                           | 0.00               | 32.00                        | 0.00                      | 0.00             | 77.00              | 5.00                 | 82.00         | 5.00                         | 87.00              |
| 29    | Kadamtala (1 No. & 2 No.) | 135.00            | 0.00        | 0.00           | 0.00                           | 0.00               | 32.00                        | 0.00                      | 0.00             | 95.00              | 8.00                 | 103.00        | 8.00                         | 111.00             |
| 30    | Bukabeel                  | 94.00             | 0.00        | 0.00           | 0.00                           | 0.00               | 13.00                        | 0.00                      | 0.00             | 77.00              | 4.00                 | 81.00         | 4.00                         | 85.00              |
| 31    | No.2 Bukabeel             | 119.00            | 0.00        | 0.00           | 0.00                           | 0.00               | 28.00                        | 0.00                      | 0.00             | 85.00              | 6.00                 | 91.00         | 6.00                         | 97.00              |
| 32    | No.2 Muktiyar Bukabil     | 76.00             | 0.00        | 0.00           | 0.00                           | 0.00               | 10.00                        | 0.00                      | 0.00             | 66.00              | 0.00                 | 66.00         | 0.00                         | 66.00              |
| 33    | Ramya Pur                 | 276.00            | 0.00        | 0.00           | 0.00                           | 0.00               | 89.00                        | 0.00                      | 0.00             | 123.00             | 64.00                | 187.00        | 64.00                        | 251.00             |
| 34    | No.2 Kaka Bari            | 207.00            | 0.00        | 0.00           | 0.00                           | 0.00               | 21.00                        | 0.00                      | 0.00             | 146.00             | 40.00                | 186.00        | 40.00                        | 226.00             |
| 35    | Manikpur                  | 91.00             | 0.00        | 0.00           | 0.00                           | 0.00               | 23.00                        | 0.00                      | 0.00             | 68.00              | 0.00                 | 68.00         | 0.00                         | 68.00              |
|       | <b>TOTAL</b>              | <b>6746</b>       | <b>0</b>    | <b>0</b>       | <b>0</b>                       | <b>0</b>           | <b>1551</b>                  | <b>155</b>                | <b>51</b>        | <b>4025</b>        | <b>964</b>           | <b>4989</b>   | <b>964</b>                   | <b>5953</b>        |

Source: Field Survey Data, Census Data

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

| 1            | 2                          | 3                            |                       |          |                         | 4                                 |                        |          |                         |
|--------------|----------------------------|------------------------------|-----------------------|----------|-------------------------|-----------------------------------|------------------------|----------|-------------------------|
| SI.No        | Particulars                | Total Area (ha)              |                       |          |                         | Area available for treatment (ha) |                        |          |                         |
|              |                            | Area owned/ In possession of |                       |          |                         | Area available for treatment (ha) |                        |          |                         |
|              |                            | Pvt. persons                 | Govt. (specify dept.) | PRI      | Any other (PI. Specify) | Pvt. persons                      | Govt. (specify deptt.) | PRI      | Any other (PI. Specify) |
| 1            | Wasteland/ degraded land   | -                            | 206                   | -        | -                       | -                                 | 155                    | -        | -                       |
| 2            | Pastures                   | -                            | -                     | -        | -                       | -                                 | -                      | -        | -                       |
| 3            | Orchards                   | -                            | -                     | -        | -                       | -                                 | -                      | -        | -                       |
| 4            | Village Forest             | 1224                         | 31                    | -        | -                       | -                                 | -                      | -        | -                       |
| 5            | Forest                     | -                            | -                     | -        | -                       | -                                 | -                      | -        | -                       |
| 6            | Village Ponds/ Tanks       | 14                           | -                     | -        | -                       | -                                 | -                      | -        | -                       |
| 7            | Community Buildings        | -                            | 12                    | -        | -                       | -                                 | -                      | -        | -                       |
| 8            | Weekly Markets             | -                            | -                     | 3        | -                       | -                                 | -                      | -        | -                       |
| 9            | Permanent markets          | 3                            | -                     | -        | -                       | -                                 | -                      | -        | -                       |
| 10           | Temples/ Places of worship | -                            | -                     | -        | 5                       | -                                 | -                      | -        | -                       |
| 11           | Others (Pl. specify)       | -                            | -                     | -        | -                       | -                                 | -                      | -        | -                       |
| <b>Total</b> |                            | <b>1241</b>                  | <b>249</b>            | <b>3</b> | <b>5</b>                | <b>0</b>                          | <b>155</b>             | <b>0</b> | <b>0</b>                |

Source: Field Survey Data, Census Data

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

| 1     | 2                      | 3    |
|-------|------------------------|------|
| S. No | Implements             | Nos. |
| 1     | Tractor                | 15   |
| 2     | Sprayers-manual/ power | 31   |
| 3     | Cultivators/Harrows    | 0    |
| 4     | Seed drill             | -    |

Source: Field Survey Data

**Table No. 3.10: Crop Classification**

| 1     | 2                   | 3          |
|-------|---------------------|------------|
| S. No | Crop classification | Area (Hec) |
| 1     | Single crop         | 4025       |
| 2     | Double crop         | 964        |
| 3     | Multiple crop       | -          |

Source: Field Survey Data

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

| 1      | 2            | 3          | 4           |                     |                       |                               | 5          |                     |                       |                               | 6           |                     |                       |                               |
|--------|--------------|------------|-------------|---------------------|-----------------------|-------------------------------|------------|---------------------|-----------------------|-------------------------------|-------------|---------------------|-----------------------|-------------------------------|
| Sl. No | Season       | Crop sown  | 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      | 3218        | 5187                | 1612                  | 14000                         | 0          | 0                   | 0                     | 0                             | 3218        | 5187                | 1612                  | 14000                         |
|        |              | Vegetables | 176         | 616                 | 3500                  | 25000                         | 0          | 0                   | 0                     | 0                             | 176         | 616                 | 3500                  | 25000                         |
| 2      | Rabi         | Paddy      | 1205        | 2169                | 1800                  | 14000                         | 920        | 1288                | 1400                  | 0                             | 2125        | 3457                | 3200                  | 14000                         |
|        |              | Mustard    | 492         | 292                 | 594                   | 12000                         | 0          | 0                   | 0                     | 0                             | 492         | 292                 | 594                   | 12000                         |
|        |              | Black gram | 208         | 139                 | 670                   | 12000                         | 0          | 0                   | 0                     | 0                             | 208         | 139                 | 670                   | 12000                         |
|        |              | Lentil     | 32          | 17                  | 520                   | 14000                         | 0          | 0                   | 0                     | 0                             | 32          | 17                  | 520                   | 14000                         |
|        |              | Green gram | 11          | 5                   | 480                   | 15000                         | 0          | 0                   | 0                     | 0                             | 11          | 5                   | 480                   | 15000                         |
|        |              | Vegetables | 305         | 976                 | 3200                  | 1000                          | 44         | 141                 | 3200                  | 26000                         | 349         | 1117                | 6400                  | 27000                         |
| 3      | Summer       | Vegetables | 320         | 768                 | 2400                  | 9000                          | 0          | 0                   | 0                     | 0                             | 320         | 768                 | 2400                  | 9000                          |
|        | <b>Total</b> |            | <b>5967</b> | <b>10170</b>        | <b>14776</b>          | <b>116000</b>                 | <b>964</b> | <b>1429</b>         | <b>4600</b>           | <b>26000</b>                  | <b>6931</b> | <b>11599</b>        | <b>19376</b>          | <b>142000</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)-<br>(mention area in ha) |                       |                               |                     |                     | Based on Slope (%)<br>(mention area in ha) |                         |                        |                | Erosion<br>(mention area in ha) |            |            |          | Land class |
|--------------|-------------|-----------------|---------------|---|-----------------------|-------------------------------|---------------------|---------------------|--|-------------------------|------------------------|----------------|---------------------------------|------------|------------|----------|------------|
|              |             |                 |               | V. Shallow<br>(0.75)                          | Shallow<br>(7.5-22.5) | Moderate Deep<br>(22.5-45.00) | Deep<br>(45.0-90.0) | Very. Deep<br>(>90) | Nearly Level<br>(0-2)                      | Moderate<br>slope (2-6) | Strong slope<br>(6-15) | Steep<br>(>15) | Water                           |            |            | Wind     |            |
|              |             |                 |               |   |                       |                               |                     |                     |  |                         |                        |                | Sheet                           | Rill       | Gully      |          |            |
| 1            | Sandy Loam  | 6746            | Sandy Loam    | 201   | 375                   | 2013                          | 542                 | 326                 | 5194                                       | 877                     | 675                    | 0              | 5287                            | 342        | 103        | 0        | -          |
| 2            | - Clay Loam |                 | Clay Loam     | 130   | 392                   | 1724                          | 603                 | 440                 |  |                         |                        |                |                                 |            |            |          |            |
| <b>Total</b> |             | <b>6746</b>     |               | <b>331</b>                                    | <b>767</b>            | <b>3737</b>                   | <b>1145</b>         | <b>766</b>          | <b>5194</b>                                | <b>877</b>              | <b>675</b>             | <b>0</b>       | <b>5287</b>                     | <b>342</b> | <b>103</b> | <b>0</b> | <b>0</b>   |

\* Soil texture (sandy-clay, clayey, loamy-clay, gravel)

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               | 72   | 144                  |
| 2     | Open wells          | 0    | -                    |
| 3     | Bore wells (STW)    | 196  | 320                  |
| 4     | Canal irrigation    | -    | -                    |
| 5     | Natural spring head | -    | -                    |

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     | STW                  | Bhagwan Borgayan  | Bhagaban Borgayan     | KANTA DARIK        | 10/11/2021        | 5   | Middle                                    |         |
| 2     |                      | Dimow Gulai       | Dimow Gulai           | ARUN TAMANG        | 10/11/2021        | 7   | Ridge                                     |         |
| 3     |                      | Karoi Bari        | Karoi Bari            | Sri Keni Pegu      | 10/11/2021        | 4   | Middle                                    |         |
| 4     |                      | No.2 Moha Ranipur | No.2 Moha Ranipur     | DIGHALA SARKAR     | 10/11/2021        | 2.5   | Valley                                    |         |
| 5     |                      | Bukabeel          | Bukabeel              | SUNIL MANDAL       | 10/11/2021        | 2   | Valley                                    |         |
| 6     |                      | Ramya Pur         | Ramya Pur             | DEBURAM YEIN       | 10/11/2021        | 2   | Valley                                    |         |
| 7     |                      | Gulai             | Gulai                 | ARUN TAMANG        | 12/11/2021        | 6.5   | 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 | 59817    | Tube Well, Govt Supply, River |
| 2     | Present availability of drinking water  | Ltrs/day | 40676    | Tube Well, Govt Supply, River |
| 3     | No. of drinking water sources available                                       | Nos      | 2812     | Tube Well, Govt Supply, River |
| a)    | Functional  | Nos      | 2627     | Tube Well, Govt Supply, River |
| b)    | Need Repairing  | Nos      | 125      | Tube Well, Govt Supply, River |
| c)    | Defunct   | Nos      | 60       | Tube Well, Govt Supply, River |
| 4     | Short fall if any   | Ltrs/day | 19141    | -                             |
| 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.     | 185      | Tube Well, Govt Supply,       |

\* based on the observation from the field

Source: Field Survey Data

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

| 1    | 2                         | 3   | 4                   | 5                       |
|------|---------------------------|-----|---------------------|-------------------------|
| S.No | Type of water resource    | Nos | Area irrigated (Ha) | Storage capacity (Cu.m) |
| 1    | Tank                      | -   | -                   | -                       |
| 2    | Pond                      | 72  | 144                 | 230400                  |
| 3    | Lake                      | -   | -                   | -                       |
| 4    | Check dam                 | 4   | 210                 | 38400                   |
| 5    | Percolation tank          | -   | -                   | -                       |
| 6    | Channel/Canal             | 8   | 608                 | 76800                   |
| 7    | Any others (specify-----) | -   | -                   | -                       |

Source: Field Survey Data

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

| S.No | Type of structure | No. available      |                       |                                    | Total |
|------|-------------------|--------------------|-----------------------|------------------------------------|-------|
|      |                   | No. to be Repaired | No. to be rejuvenated | No. with no interventions required |       |
| 1    | Tubewell          | 125                | 60                    | -                                  | 185   |
|      | <b>Total</b>      | 125                | 60                    | -                                  | 185   |

Source: Field Survey Data

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

| Name of the Major Crop | Area (Ha)                    |   |                         | Total | Current water Saving status as against flood irrigation. (Cu.m) |
|------------------------|------------------------------|---|-------------------------|-------|---|
|                        | Under water saving devices\$ | Under water conserving agronomic practices# | Any other (Pl. Specify) |       |   |
| Kharif Paddy           | -                            | 3218  | -                       | 3218  | -   |
| Rabi Paddy             | -                            | 1205  | -                       | 1205  | -   |
| Mustard                | -                            | 492   | -                       | 492   | -   |
| Black gram             | -                            | 208   | -                       | 208   | -   |
| Vegetable              | -                            | 176   | -                       | 176   | -   |

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

#: Vermi compost, organic manuring, check basin, alternate furrow, Ridges and furrow &amp; 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            | 253                  | 227         | 317        | 798         | 263        | 40000                                   |
| 2       | Goatary          | 316                  | 284         | 238        | 838         | 277        | 30000                                   |
| 3       | Duckery          | 126                  | 114         | 48         | 288         | 95         | 25000                                   |
| 4       | Poultry          | 379                  | 398         | 317        | 1094        | 361        | 25000                                   |
| 4       | Piggery          | 102                  | 228         | 11         | 341         | 113        | 35000                                   |
|         | <b>TOTAL</b>     | <b>1074</b>          | <b>1023</b> | <b>921</b> | <b>3018</b> | <b>996</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                           |
|--------|------------------------------|------------------------------|---------------------|----------------------------|-----------------------------|
| Sl. No | Name of the work             | Plot No.                     | Quantity (No./RMTs) | Amount spent (Rs. In Lakh) | Programme                   |
| 1      | Gully Control Project        | Boro Kalhalguri              | 1                   | 5.00                       | RKVY                        |
| 2      | Gully Control Project        | Archi Pathar                 | 1                   | 5.00                       | RKVY                        |
| 3      | Gully Control Project        | 1 No Majorbori               | 1                   | 5.00                       | RKVY                        |
| 4      | Land Development Project     | 2 No Majorbori, Archi Pathar | 1                   | 3.00                       | SOPD- TSP (Tribal Sub Plan) |
| 5      | Land Development Project     | Dakhin Sib Nagar             | 1                   | 3.00                       | SOPD- TSP (Tribal Sub Plan) |
| 6      | RCC Percupine at Dimou River | Archi Pathar                 | 1                   | 25.00                      | SOPD                        |
| 7      | Land Development Project     | Belongguri to Maharanipur    | 1                   | 5.00                       | SOPD- TSP (Tribal Sub Plan) |

Source: Field Survey Data

**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><br>(slope, erosion, soil loss, rainfall, productivity, etc) | <ol style="list-style-type: none"> <li>1. River Bank Erosion,</li> <li>2. Soil Erosion, Siltation &amp; high soil loss in upland area.</li> <li>3. Sheet erosion is combatively high in many place.</li> <li>4. Gully erosion.</li> </ol>  | <ol style="list-style-type: none"> <li>1. Construction of graded bund, field bund to protect the soil erosion and siltation problems.</li> <li>2. Applying Bio-engineering (Vetiver Plantation) to protect the river bank from erosion.</li> <li>3. Gully Control Project.</li> </ol>   |
| 2    | <b>Water conservation</b><br>(Water budget, Ground water norms, productivity)        | <ol style="list-style-type: none"> <li>1. Degradation of Natural Resource like congestion of natural drainage, degradation of wetland etc.</li> <li>2. Lack of water storage facility cause scarcity of water during winter.</li> <li>3. Run-off originated from seasonal rain attains high velocity due to medium to steep prevailed in the watershed and thereby causes all types of soil erosion hazards.</li> <li>4. Loss of productivity due to waterlogging</li> </ol> | <ol style="list-style-type: none"> <li>1. Restoration of drainage channel by excavation and reclamation.</li> <li>2. Reclamation of natural water bodies (beels) by excavating and constructing periphery bund etc. Increase water storage capacity.</li> <li>3. Construction of Farm Pond for water harvesting/storage. Along with water distribution channel for irrigation.</li> <li>4. Construction of Nullabund to check the water stagnant/waterlogging problem.</li> </ol> |
| 3    | <b>Crop coverage</b> –<br>{80% of w/s area should be with canopy}                    | <ol style="list-style-type: none"> <li>1. Rabi crop area is very low because of lack of irrigation facilities.</li> <li>2. Mono cropping</li> <li>3. Inundation problem during summer (kharif)</li> <li>4. Low vegetative cover</li> </ol>   | <ol style="list-style-type: none"> <li>1. Agro-forestry, fuel wood plantation</li> <li>2. Turmeric &amp; Banana Plantation</li> </ol>   |

| 1    | 2  | 3   | 4   |
|------|--|---|---|
| S.No | Problem area   | Problem analysis  | Proposed interventions to overcome problems   |
| 4    | <b>Agriculture productivity</b> (crop wise compare with dist. average)                 | <ol style="list-style-type: none"> <li>1. Low agricultural productivity due to high flood during summer, lack of irrigation facility, erratic and uncertain rainfall, low cropping intensity, lack of location-specific technologies to match the high ecological diversity of rainfed area etc.</li> </ol> | <ol style="list-style-type: none"> <li>1. Brick canal and water storage farm pond for irrigation for both Rabi &amp; Kharif crop.</li> </ol>  |
| 5    | <b>Livestock productivity</b> (Milk Yield, Meat yield, Eggs, Wool Yield, Kidding etc.) | <ol style="list-style-type: none"> <li>1. Scarcity of fodder during flood period.</li> <li>2. Lack of secure shelter during flood period</li> <li>3. Inadequate nutrition due to lack of grazing land.</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 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, goaery, 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 SHG 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</li> </ol> |

| 1    | 2                       | 3                               | 4   |
|------|-------------------------|---------------------------------|---|
| S.No | Problem area            | Problem analysis                | Proposed interventions to overcome problems   |
| 9    | <b>Others (specify)</b> | 1. Lack of Marketing Facilities | generation.<br>1. Providing Market Promotion Centres along with Low Cost go-down for storage of various products. |



## 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 |
| 1 | SHG          | 150     | 229           | 20                | 399             | (i) Landless | 137         | 206            | 343         | 38         | 50                         | 88          | 40         | 65                         | 105         | 59         | 91                             | 150         | 137        | 206                         | 343         | NA | NA           |             |
|   |              |         |               |                   |                 | (ii) MF      | 1273        | 1975           | 3248        | 350        | 525                        | 875         | 401        | 616                        | 1017        | 522        | 834                            | 1356        | 306        | 705                         | 1011        |    |              |             |
|   |              |         |               |                   |                 | (iii) SF     | 342         | 438            | 780         | 100        | 124                        | 224         | 107        | 130                        | 237         | 135        | 184                            | 319         | 0          | 0                           | 0           |    |              |             |
|   |              |         |               |                   |                 | (iv) LF      | 8           | 10             | 18          | 2          | 3                          | 5           | 2          | 3                          | 5           | 4          | 4                              | 8           | 0          | 0                           | 0           |    |              |             |
|   | <b>Total</b> |         |               |                   |                 |              | <b>1760</b> | <b>2629</b>    | <b>4389</b> | <b>490</b> | <b>702</b>                 | <b>1192</b> | <b>550</b> | <b>814</b>                 | <b>1364</b> | <b>720</b> | <b>1113</b>                    | <b>1833</b> | <b>443</b> | <b>911</b>                  | <b>1354</b> |    |              |             |
| 2 | UGs          | 60      | -             | 15                | 75              | (i) Landless | 0           | 0              | 0           | 0          | 0                          | 0           | 0          | 0                          | 0           | 0          | 0                              | 0           | 0          | 0                           | 0           | NA | NA           |             |
|   |              |         |               |                   |                 | (ii) MF      | 532         | 25             | 557         | 149        | 7                          | 156         | 175        | 9                          | 184         | 208        | 9                              | 217         | 0          | 0                           | 0           |    |              |             |
|   |              |         |               |                   |                 | (iii) SF     | 265         | 46             | 311         | 72         | 12                         | 84          | 82         | 10                         | 92          | 111        | 24                             | 135         | 0          | 0                           | 0           |    |              |             |
|   |              |         |               |                   |                 | (iv) LF      | 28          | 4              | 32          | 8          | 1                          | 9           | 9          | 2                          | 11          | 11         | 1                              | 12          | 0          | 0                           | 0           |    |              |             |
|   | <b>Total</b> |         |               |                   |                 |              | <b>825</b>  | <b>75</b>      | <b>900</b>  | <b>229</b> | <b>20</b>                  | <b>249</b>  | <b>266</b> | <b>21</b>                  | <b>287</b>  | <b>330</b> | <b>34</b>                      | <b>364</b>  | <b>0</b>   | <b>0</b>                    | <b>0</b>    |    |              |             |

Source: PIA, Dhemaji -I LOWER GHAGRA New Generation WDC-PMKS

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

| 1           | 2  | 3                    | 4              | 5                        | 6   | 7                         | 8  | 9  | 10 | #  | 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-les s | UG | SHG      | GP       | Any other | Educl quali- fication | Function/s assigned#                          |           |          |
|             |  |                      |                |                          |     | Write "Yes" if applicable |    |    |    |    |            |    |          |          |           |                       |   |           |          |
| SILLI MWS   | Under Process                                  | 12                   | President      | Sri Suren Buraguhain     | M   |                           |    |    | Y  |    |            |    |          | Silasuti |           | Clss VIII             | B,C,D,E,F,G,H & J(Arrangemen t of WC meeting) |           |          |
|             |  |                      | Vice President | Smti Nirada Bhuyan       | F   |                           |    |    | Y  |    |            |    |          | Y        | Silasuti  |                       | Clss IX                                       | B, E & G  |          |
|             |  |                      | Secretary      | Sri Sushen Rishong       | M   |                           | Y  |    | Y  |    |            |    |          |          | Y         | Silasuti              |   | B.A       | B, E & G |
|             |  |                      | Member         | Sri Tarun Changmai       | M   |                           |    |    | Y  |    |            |    |          |          |           | Silasuti              |   | Clss VIII | B, E & G |
|             |  |                      | Member         | Sri Krishna Chetry       | F   |                           |    |    | Y  |    |            |    |          |          |           | Silasuti              |   | Clss VIII | B, E & G |
|             |  |                      | Member         | Sri Pitambar Puri        | M   |                           |    |    | Y  |    |            |    |          |          | Y         | Silasuti              |   | H.S       | B, E & G |
|             |  |                      | Member         | Sri Leken Muchahary      | M   |                           | Y  |    | Y  |    |            |    |          |          |           | Silasuti              |   | Clss VIII | B, E & G |
|             |  |                      | Member         | Sri Bishnu Mili          | M   |                           | Y  |    | Y  |    |            |    |          |          |           | Silasuti              |   | B.A       | B, E & G |
|             |  |                      | Member         | Sri Phuleswar Gogoi      | M   |                           |    |    | Y  |    |            |    |          |          |           | Silasuti              |   | Clss VIII | B, E & G |
|             |  |                      | Member         | Sri Dharmendra Borgohain | M   |                           |    |    | Y  |    |            |    |          |          |           | Silasuti              |   | B.A       | B, E & G |
|             |  |                      | Member         | Sri Rupnath Muchahary    | M   |                           | Y  |    | Y  |    |            |    |          |          |           | Silasuti              |   | B.A       | B, E & G |
| Member      | Sri Nareswar Rabha                             | M                    |                | Y                        |     | Y                         |    |    |    |    |            |    | Silasuti |          | H.S       | B, E & G              |   |           |          |

| 1            | 2  | 3                    | 4              | 5                         | 6   | 7                         | 8  | 9  | 10 | #  | 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-les | UG | SHG | GP       | An y other | Educl quali-fication | Function/s assigned#                          |
|              |  |                      |                |                           |     | Write "Yes" if applicable |    |    |    |    |          |    |     |          |            |                      |   |
| ARSI MWS )   | Under Process                                  | 12                   | President      | Sri Lila Kanta Chungkrang | M   |                           | Y  |    | Y  |    |          |    |     | Silasuti |            | B.A                  | B,C,D,E,F,G,H & J(Arrangement of WC meeting)  |
|              |  |                      | Vice President | Smti Jyostna Yein         | F   |                           | Y  |    | Y  |    |          |    | Y   | Silasuti |            | B.A                  | B, E & G                                      |
|              |  |                      | Secretary      | Sri Honda Taye            | M   |                           | Y  |    | Y  |    |          |    | Y   | Silasuti |            | H.S                  | B, E & G                                      |
|              |  |                      | Member         | Sri Lakhidhar Yein        | M   |                           | Y  |    | Y  |    |          |    |     | Silasuti |            | H.S                  | B, E & G                                      |
|              |  |                      | Member         | Sri Manik Payeng          | M   |                           | Y  |    | Y  |    |          |    |     | Silasuti |            | H.S                  | B, E & G                                      |
|              |  |                      | Member         | Sri Thiru Taye            | M   |                           | Y  |    | Y  |    |          |    |     | Silasuti |            | H.S                  | B, E & G                                      |
|              |  |                      | Member         | Sri Bishnu Ramchiyari     | M   |                           | Y  |    | Y  |    |          |    |     | Silasuti |            | H.S                  | B, E & G                                      |
|              |  |                      | Member         | Sri Dharmendra Ramchiyari | M   |                           | Y  |    | Y  |    |          |    |     | Silasuti |            | H.S                  | B, E & G                                      |
|              |  |                      | Member         | Sri Jeki Pegu             | M   |                           | Y  |    | Y  |    |          |    |     | Silasuti |            | H.S                  | B, E & G                                      |
|              |  |                      | Member         | Sri Bijoy Taye            | M   |                           | Y  |    | Y  |    |          |    |     | Silasuti |            | B.A                  | B, E & G                                      |
|              |  |                      | Member         | Sri Ratan Hajong          | M   |                           | Y  |    | Y  |    |          |    |     | Silasuti |            | B.A                  | B, E & G                                      |
|              |  |                      | Member         | Sri Kamal Das             | M   | Y                         |    |    | Y  |    |          |    |     | Silasuti |            | Class V              | B, E & G                                      |
| Member       | Sri Sajal Nath                                 | M                    | Y              |                           |     | Y                         |    |    |    |    | Silasuti |    | H.S | B, E & G |            |                      |   |
| SILASUTI MWS | Under Process                                  | 12                   | President      | Sri Dhaneswar Pamey       | M   |                           | Y  |    | Y  |    |          |    |     | Silasuti |            | B.A                  | B,C,D,E,F,G,H & J (Arrangement of WC meeting) |

| 1             | 2  | 3                    | 4              | 5                       | 6   | 7  | 8  | 9  | 10 | #  | 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-les s | UG | SHG | GP       | An y other | Educl quali- cation | Function/s assigned#                         |                           |          |
|               |  |                      |                |                         |     |    |    |    |    |    |            |    |     |          |            |                     |  | Write "Yes" if applicable |          |
|               |  |                      | Vice President | Smti Debilata Narzary   | F   |    | Y  |    | Y  |    |            |    |     | Silasuti |            | H.S.L.C             | B, E & G                                     |                           |          |
|               |  |                      | Secretary      | Sri Jagat Biswas        | M   | Y  |    |    | Y  |    |            |    |     |          | Silasuti   |                     | B.A  | B, E & G                  |          |
|               |  |                      | Member         | Sri Rajen Darik         | M   |    | Y  |    |    | Y  |            |    |     |          |            | Silasuti            |  | H.S                       | B, E & G |
|               |  |                      | Member         | Sri Rajkumar Rajbongshi | M   | Y  |    |    |    | Y  |            |    |     |          |            | Silasuti            |  | VIII Pass                 | B, E & G |
|               |  |                      | Member         | Sri Dilip Doley         | M   |    | Y  |    |    | Y  |            |    |     |          |            | Silasuti            |  | B.COM                     | B, E & G |
|               |  |                      | Member         | Sri Hari Rajbonshi      | M   | Y  |    |    |    | Y  |            |    |     |          |            | Silasuti            |  | VIII Pass                 | B, E & G |
|               |  |                      | Member         | Sri Ranjit Khanal       | M   |    |    |    |    | Y  |            |    |     |          |            | Silasuti            |  | B.A                       | B, E & G |
|               |  |                      | Member         | Sri Subrata Das         | M   | Y  |    |    |    | Y  |            |    |     |          |            | Silasuti            |  | VIII Pass                 | B, E & G |
|               |  |                      | Member         | Sri Mohen Narah         | M   |    | Y  |    |    | Y  |            |    |     |          |            | Silasuti            |  | H.S                       | B, E & G |
|               |  |                      | Member         | Sri Diganta Sonowal     | M   |    | Y  |    |    | Y  |            |    |     |          |            | Silasuti            |  | H.S.L.C                   | B, E & G |
|               |  |                      | Member         | Sri Mohendra Boruah     | M   |    |    |    |    |    | Y          |    |     |          |            | Silasuti            |  | H.S.L.C                   | B, E & G |
| RAMAYAPUR MWS | Under Process                                  | 12                   | President      | Sri Saman Ch. Sarkar    | M   | Y  |    |    | Y  |    |            |    |     | Muktiar  |            | VII Pass            | B,C,D,E,F,G,H & J(Arrangement of WC meeting) |                           |          |
|               |  |                      | Vice President | Miss Sarala Biswas      | F   | Y  |    |    | Y  |    |            |    |     |          | Muktiar    |                     | H.S.L.C                                      | B, E & G                  |          |
|               |  |                      | Secretary      | Sri Aradhan Biswas      | M   | Y  |    |    |    | Y  |            |    |     |          |            | Muktiar             |  | B.A                       | B, E & G |
|               |  |                      | Member         | Sri Ajit Mallik         | M   | Y  |    |    |    | Y  |            |    |     |          |            | Muktiar             |  | B.A                       | B, E & G |
|               |  |                      | Member         | Sri Paritush            | M   | Y  |    |    |    | Y  |            |    |     |          |            | Muktiar             |  | B.A                       | B, E & G |

| 1           | 2  | 3                    | 4           | 5                      | 6   | 7                         | 8  | 9  | 10 | #  | 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-les | UG | SHG | GP       | An y other | Educl quali-fication | Function/s assigned# |
|             |  |                      |             |                        |     | Write "Yes" if applicable |    |    |    |    |          |    |     |          |            |                      |                      |
|             |  |                      |             | Mandal                 |     |                           |    |    |    |    |          |    |     |          |            |                      |                      |
|             |  |                      | Member      | Sri Prabhas Biswas     | M   | Y                         |    |    | Y  |    |          |    |     | Muktiar  |            | B.SC                 | B, E & G             |
|             |  |                      | Member      | Sri Gautam Mandal      | M   | Y                         |    |    | Y  |    |          |    |     | Muktiar  |            | IV Pass              | B, E & G             |
|             |  |                      | Member      | Sri Bidhusan Chand     | M   |                           |    |    | Y  |    |          |    |     | Silasuti |            | IV Pass              | B, E & G             |
|             |  |                      | Member      | Sri Ajay Kumar Sarkar  | M   | Y                         |    |    | Y  |    |          |    |     | Silasuti |            | H.S                  | B, E & G             |
|             |  |                      | Member      | Sri Subhash Rajbongshi | M   |                           |    |    | Y  |    |          |    |     | Muktiar  |            | B.A                  | B, E & G             |
|             |  |                      | Member      | Sri Niranjan Mandal    | M   | Y                         |    |    | Y  |    |          |    |     | Silasuti |            | H.S                  | B, E & G             |
|             |  |                      | Member      | Sri Santiram Sarkar    | M   | Y                         |    |    | Y  |    |          |    |     | Muktiar  |            | IV Pass              | B, E & G             |
|             |  |                      | Member      | Sri Chandra Biswas     | M   | Y                         |    |    | Y  |    |          |    |     | Muktiar  |            | B.A                  | B, E & G             |

Source: PIA, Dhemaji -I LOWER GHAGRA New Generation WDC-PMKS

(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:**

| 1     | 2                         | 3    | 4   | 5  | 6                                    | 7  |
|-------|---------------------------|------|-----|--|--------------------------------------|--|
| Sl.No | Names of WDT members      | M/F# | Age | Qualification / Experience   | Description of professional training | Role/ Function*  |
| 1     | Sri Ranjan Patir          | M    | 45  | M.A.   | Soil & Water Conservation Training   | A, B, C, D, E, F, G, H, I & J<br>(Arrangement of meeting & Training) |
| 2     | Sri Pranjal Morang        | M    | 45  | B.SC (Agri) (2Years PGDAEM)  | -                                    | B, E & G   |
| 3     | Sri Prasana Gogoi         | M    | 52  | B.Tech Civil   | SPRD, NIRD                           | B, E & G   |
| 4     | Sri Rajib Bharat          | M    | 39  | M.SC (Agri)  | -                                    | B, E & G   |
| 5     | Smti. Shachiproba Sonowal | F    | 46  | BA (Trainer)   | Job Trainer                          | B, E & G   |
| 6     | Sri Partisha Handique     | F    | 27  | Diploma in Civil Engineer (3 years of Exp. as J.E in Fishirt Diapartment ) | -                                    | B, E & G   |
| 7     | Dr.Samir Bikash Gogoi     | M    | 33  | MVSC   | -                                    | B, E & G   |

Source: PIA, Dhemaji -I LOWER GHAGRA New Generation WDC-PMKS

\*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**

| <b>1</b>     | <b>2</b>              | <b>3</b>   |
|--------------|-----------------------|--|
| <b>Sl.No</b> | <b>Particulars</b>    | <b>Details of PIA</b>                                |
| <b>1.</b>    | Type of organization# | Govt.  |
| <b>2.</b>    | Name of organization  | Soil Conservation Department                         |
| <b>3.</b>    | Designation & Address | Dhemaji-Jonai Soil Conservation Division, Silapathar |
| <b>4.</b>    | Telephone             | 9435090408   |
| <b>5.</b>    | Fax                   | -  |
| <b>6.</b>    | E-mail                | dwdudhemaji@gmail.com                                |

Source: PIA, Dhemaji -I LOWER GHAGRA New Generation WDC-PMKS

# 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**

| <b>Name of WC/PIA</b>  | <b>Name of the Bank/Place</b>         | <b>Account No.</b> | <b>Name of the Signatory</b>   | <b>Address</b>                    |
|--|---------------------------------------|--------------------|--|-----------------------------------|
| Divisional Officer,<br>Dhemaji Jonai Soil<br>Conservation Division | State Bank of India<br>Kulajan Branch | 40754231078        | Divisional Officer,<br>Divisional Officer, Dhemaji Jonai<br>Soil Conservation Division | Silapathar,<br>Dhemaji-<br>787059 |
| SILI Micro Watershed<br>Committee                                  | Under Process                         |                    |  |                                   |
| Arsi Micro Watershed<br>Committee                                  | Under Process                         |                    |  |                                   |
| Silasuti Micro Watershed<br>Committee                              | Under Process                         |                    |  |                                   |
| Ramayapur Micro<br>Watershed Committee                             | Under Process                         |                    |  |                                   |

Source: PIA, Dhemaji -I LOWER GHAGRA New Generation WDC-PMKS

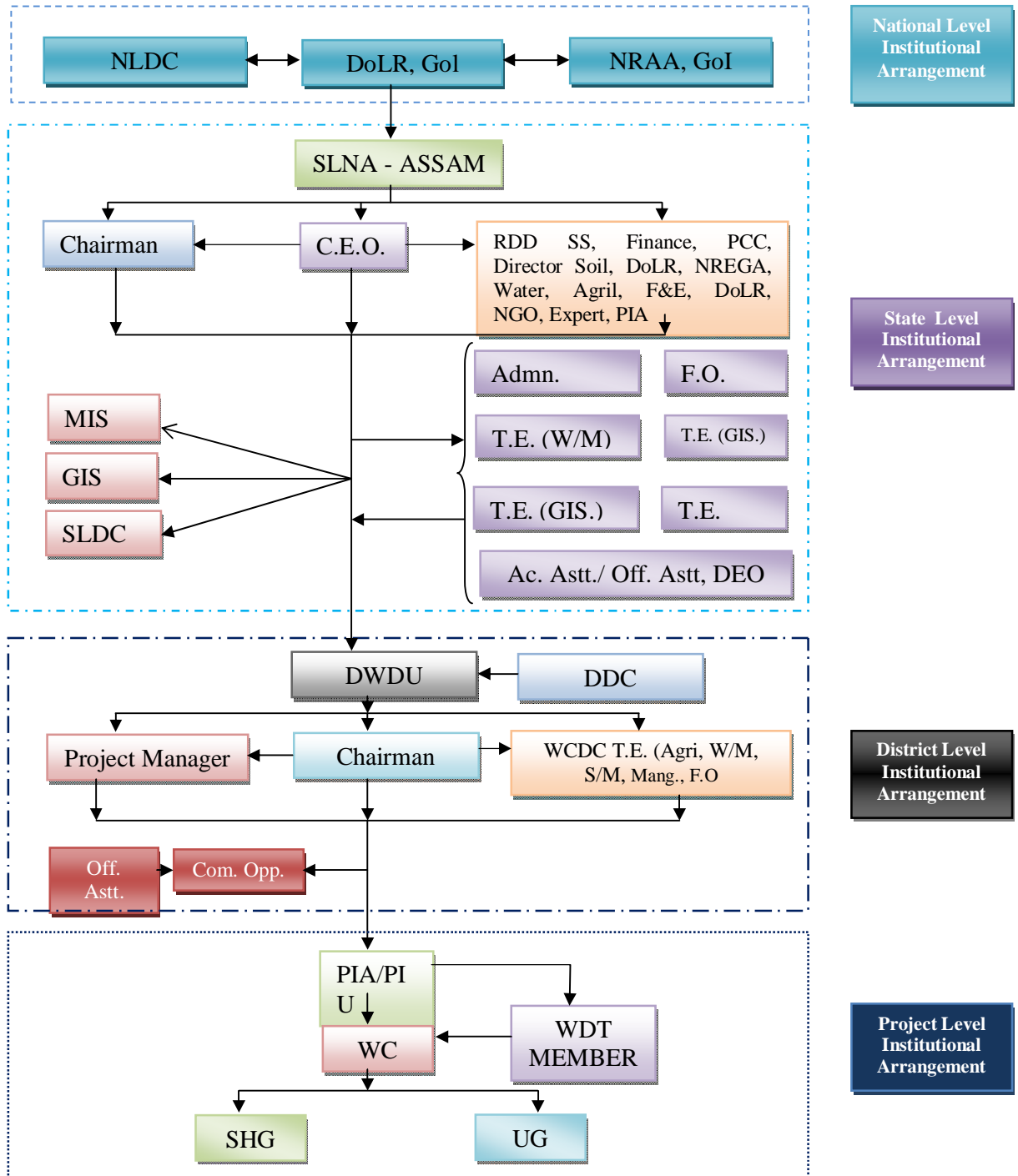


**Table No. 4.8 Convergence plan with IWMP**

| 1      | 2  | 3  | 4                 | 5   | 6  | 7                                       |
|--------|--|--|-------------------|---|--|---|
| S. 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)                                |                   |   |  |   |
|        |  |  |                   | Under Process                                     |  |   |
|        | <b>Total</b>   |  |                   |   | <b>0</b>   |   |

**Institutional Mechanisms:**

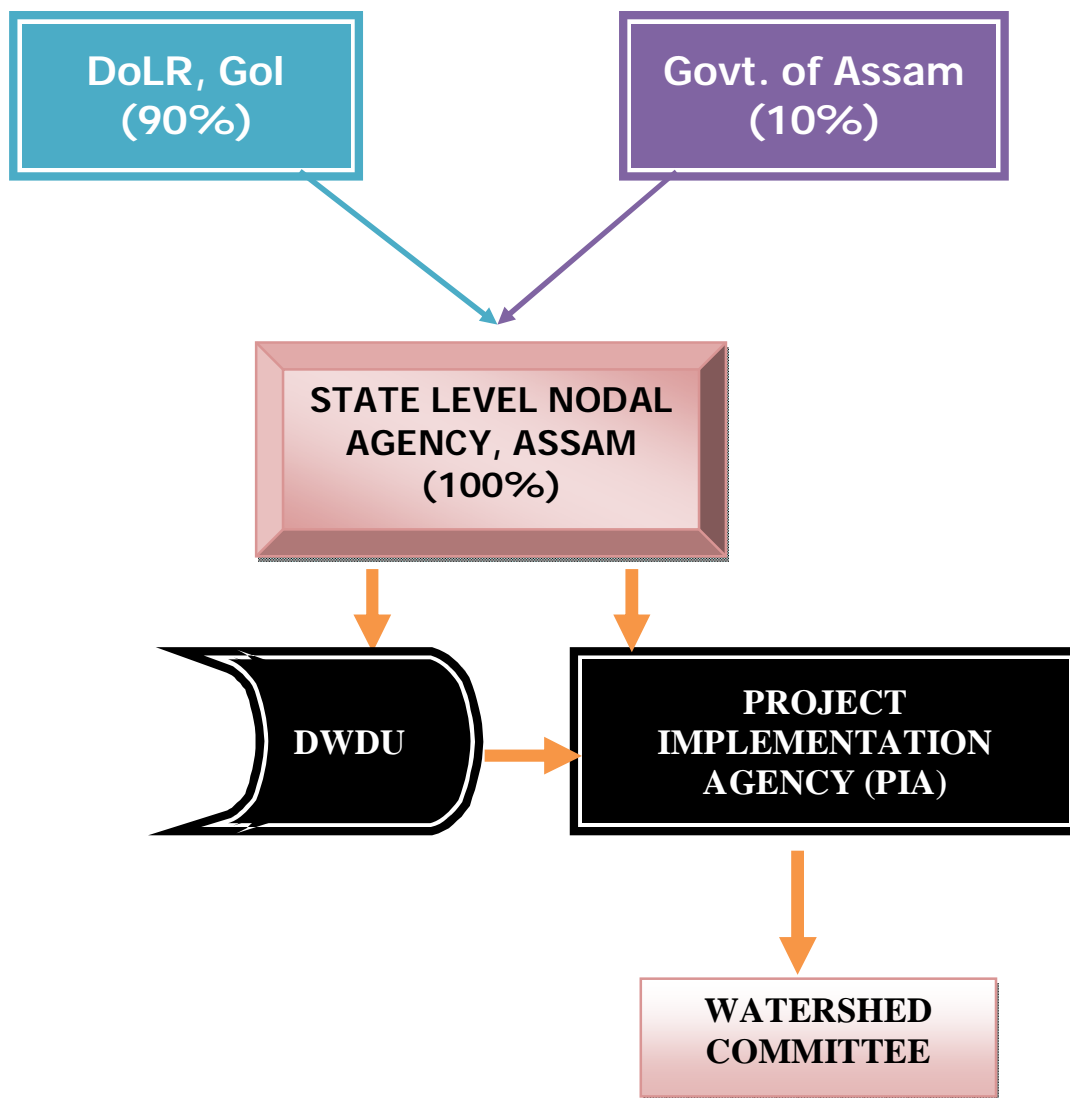
**Fig. 11 Flow Chart of Institutional Arrangement from District to watershed level**



**NLDC** National Level Data Centre  
**NRAA** National Rainfed Area Authority  
**C.E.O** Chief Executive Officer  
**GIS** Geographical Information System  
**F.O.** Financial Officer  
**DEO** Data Entry Operator  
**DDC** District Data Cell  
**PIA** Project Implementation Agency  
**WDT** Watershed Development Team  
**WDTM** Watershed Development Team Member

**DoLR** Department of Land Resource  
**SLNA** State Level Nodal Agency  
**MIS** Management Information System  
**SLDC** State Level Data Cell  
**T.E.** Technical Expert  
**DWDU** District Water Development Unit  
**WC** Watershed Committee  
**PIU** Project Implementation Unit  
**SHG** Self Help Group  
**UG** User Group

**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. Among them, the major activities are- securing community participation, co-ordination of activities and project management & Controlling, Monitoring.

**Co-ordination** is the process 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 corrective action for problems encountered in implementation of the project.
2. To promote better relationship among organizations, institution, 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 section of the society.
4. Team building which include recruiting people with appropriate qualification 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. Measuring 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 positive feedback and constructive criticism.
5. Adjusting plans to respond to changes in the internal and external organizational environment.

**Monitoring** is an important part of project implementation which is a process of routinely gathering information on all aspects of the project. The monitoring shall be continuous and it should be in place before start-up.

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 responsible 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 systematically monitor achievements;
- Selection of indicators/parameters to be monitored, the location, methods/processes and frequency of observations and the information processing and reporting procedure are important; and
- Organizing, motivating and training people to obtain, convey and use the information.

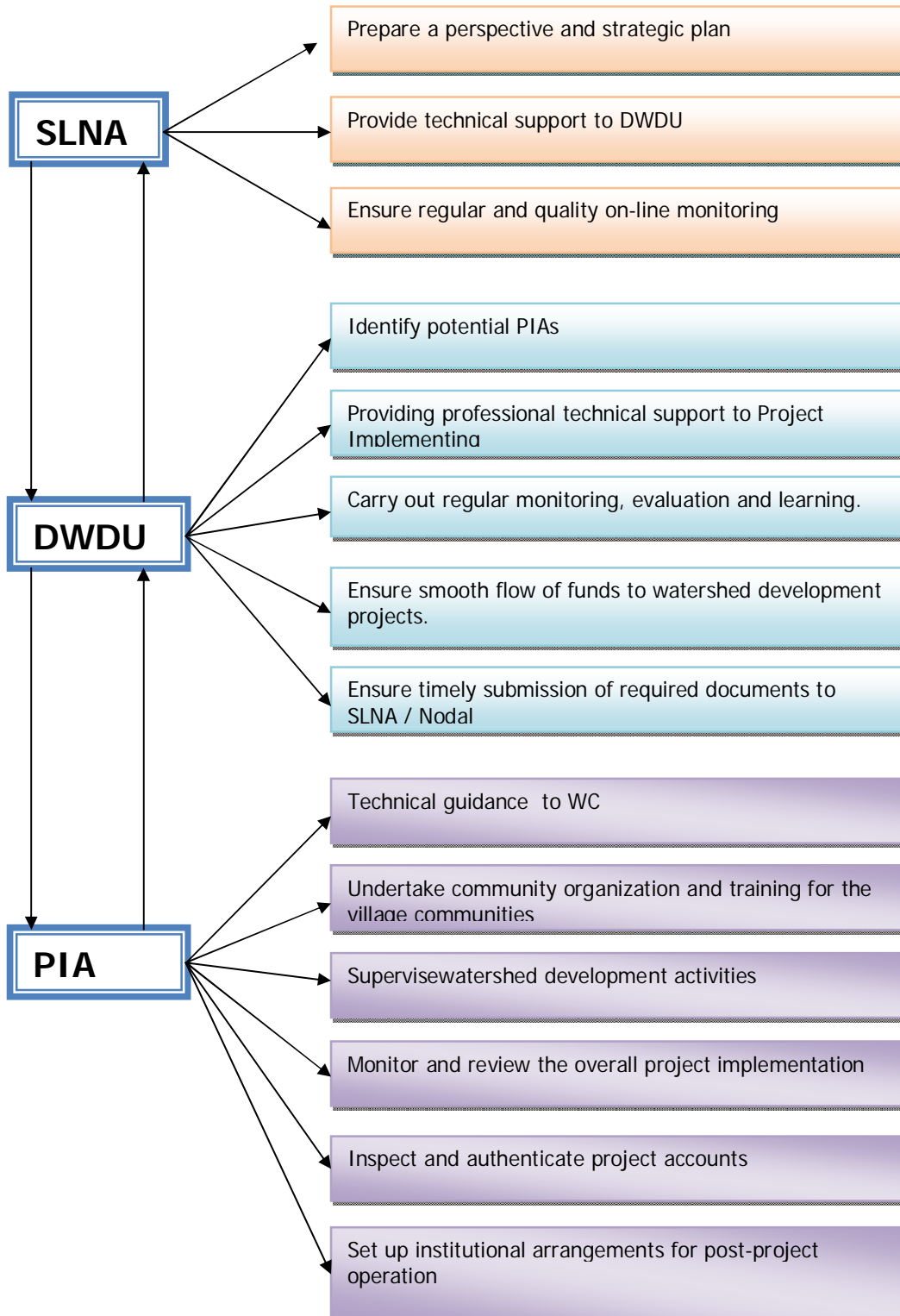
**Monitoring Tools**

- 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 great details.
- Ground photographs taken from the same place depicting before and after remedial measures, details concerning 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<br>Staff Performance<br>Work Performance<br>Target achievement | DWDU/Project Manager/PIA          |
|   | 2 <sup>nd</sup> Level Monitoring<br>Work Quality<br>Deviation Report<br>Financial statement     | DWDU/ Third Party                 |

## Role & Responsibility of different Institution during Project Implementation





## CHAPTER – 5

### Management/Action Plan

#### Description on methodology of plan adopted

##### a) Awareness generation interventions :

- i. Awareness campaign through *Gram Sabha* in each villages of watershed area. Awareness generation programme will be conducted for all project stakeholders at watershed level with the basic purpose of educating them and creating more interest regarding various aspects of the IWMP project.
- ii. Awareness campaign through distribution of pamphlet 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 imperative and it will enhance skills and competence of project staff to work with the villagers. Various training, awareness programme and seminar shall be conducted to build necessary skills and competence 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:

In consideration of the objective & terms of reference of the programme , the Methodology adopted for Preparing The DPR are-

##### A. Survey :

##### 1. Socio-Economic Survey:

- a) Collection of data to find out the strength, weakness, opportunity and threat of the project area and assessment of local resources. It also includes collection of water sample, soil sample and testing shall be done in laboratory to find out its problem & prospects.
- b) Total household enumeration – include collection of household data related to social as well economic status of the member. It also include

Land use, Agriculture including area, productivity, cropping intensity, Horticulture, Livestock and Fisheries, Forests and Grass land, Livelihood Status, Hydrology and Water Resources, Soil and Moisture Conservation and Efficient use of Water.

**2. Physiographic Survey:**

- a. A Physical survey has conducted using GPS/Total Station in the study area to identify the location, distribution and availability of the local resources and to identify the location, morphology and other physiographic conditions that proposed for any intervention.
- b. Collection of satellite imagery, toposheets, weather data, data related to natural calamities like damage by flood, earthquake etc.

**B. PRA:**

After collection of baseline data of the study areas PRA has conducted among the villagers in village level to find out the intervention which are proposed for implementation. The PRA The process is expected to enhance identification of the felt needs of the people, bringing forth consensus, the empowerment of local disadvantaged groups, integration of local knowledge systems into project design, two-way learning process between the project and local people, political commitment and support, accountability in local governance. The PRA methodology utilizes different tools to seek its goal of a participatory approach for addressing any issue. The following tools were used by the research team in the exercise under consideration:

- a. **Resource mapping:** Resource Mapping has done to identify valuable resource, Ensure that everyone has access to the resources they need, avoid duplication of services and resource, enhance service, Identify flexible funding strategies, use data to make informed decision and cultivate new partnerships and relationship.
- b. **Social mapping:** Social mapping is used to present information on village layout, social infrastructure, demography, language-religion-culture groups, health, wealth, other, etc. This provides an overview of the socio-economic aspects.

- c. **Focus Group Discussion:** A focus group discussion (FGD) is a group discussion of approximately 6 - 12 persons guided by a facilitator, during which group members talk freely and spontaneously about a certain topic. A FGD is a qualitative method and its purpose is to obtain in-depth information on concepts, perceptions and ideas of a group. A FGD aims to be more than a question-answer interaction. The idea is that group members discuss the topic among themselves, with guidance from the facilitator. A FGD also helps to bring out the perceptions of the weaker stake-holders in an issue, which otherwise will not come up.
  - d. **Transect Walk:** A transect walk is a walk taken by participants and facilitator through the area of interest, observing, asking, listening, looking, identifying different zones, seeking problems and possible solutions. The findings are documented and they can be mapped on to a transect diagram or map. Transects are an ideal point of departure for a research/planning process in a village, because we establish the villagers as the experts on living conditions of that area.
  - e. **Seasonality:** Seasonality analysis has been done to identify seasonal resources. Water availability in different sources at different times, cropping patterns is clearly recognized through seasonality tool.
  - f. **Trend line:** In Trend-line, graphs are created for long-term changes over time based on the local people's accounts of the past, of how things close to them have changed - ecological histories, land use and cropping patterns, customs and practices, trends in fuel use, etc. Although secondary data may be available on these, a local perspective facilitates the design of development initiatives.
  - g. **Time line:** Time line has helped us in identifying important past events. With this information the team is better informed about the area, community, progress and the problems. The team conducted semi-structured interviews to obtain oral histories of past events. These oral histories can provide details on local events, how the community perceived them, and the eventual impact of these events on the local area and the community.
- C. Analysis:** Considering the objective of the study analysis has been done -
- i. Analysis of Household data (Which shall include socio-economic data)

- ii. Analysis of physical data (Weather Data, Soil, water quality, flood etc.)
- iii. Analysis of data collected for proposed Intervention and its outcome etc.

**D. Mapping:** Mapping and analysis has done in GIS Platform using ARC GIS and the Satellite Image interpretation shall be done by ERDAS Software. The data that collected for any intervention has analyzed in GIS Platform using satellite imagery and Google Earth. The following Maps for the study shall be prepared using GIS-

- a. Location Map
- b. Watershed Map
- c. Relief Map
- d. Drainage Map
- e. Slope map
- f. Soil Map
- g. Land Use / Land cover map
- h. Map showing Proposed Intervention in Different Phase

**Table No. 5.2.1 Soil and Moisture Conservation 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  | Plot Numbers (including Name of the local Patch) | Name of Beneficiaries | Unit | Area (in Ha)/ 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                          | Bhagwan borgayan     | Bhagwan Borgayan                                 | All Villagers         | RM   | 2000   | 567       | 1134000             | 56700            | 1134000                    | 2nd Year                                     | 27.644649  | 94.806759 |
| 2                | Agril Bund                          | No.1 Nalbari         | Kathalguri                                       | All Villagers         | RM   | 500  | 567       | 283500              | 14175            | 283500                     | 5th Year                                     | 27.651107  | 94.779796 |
| 3                | Agril Bund                          | Moha Ranipur         | 1 No Moha Ranipur                                | All Villagers         | RM   | 2000   | 567       | 1134000             | 56700            | 1134000                    | 2nd Year                                     | 27.614734  | 94.79935  |
| 4                | Agril Bund                          | 2 No Moha Ranipur    | 2 No Moha Ranipur                                | All Villagers         | RM   | 800  | 567       | 453600              | 22680            | 453600                     | 1st Year                                     | 27.6023    | 94.79404  |
| 4                | Agril Bund                          | No.2 Kareng Bali Pur | 1 No Kareng Basti                                | All Villagers         | RM   | 1500   | 567       | 850500              | 42525            | 850500                     | 1st Year                                     | 27.589182  | 94.789349 |
| 5                | Agril Bund                          | Kakabari Kamal Pur   | Kakabari Kamal Pur                               | All Villagers         | RM   | 1000   | 567       | 567000              | 28350            | 567000                     | 2nd Year                                     | 27.605022  | 94.823851 |
| 6                | Agril Bund                          | Ramya Pur            | Ramayapur  | All Villagers         | RM   | 500  | 567       | 283500              | 14175            | 283500                     | 3rd Year                                     | 27.606596  | 94.833835 |
| 6                | Agril Bund                          | 2 No Moha Ranipur    | 2 No Moha Ranipur                                | All Villagers         | RM   | 1500   | 567       | 850500              | 42525            | 850500                     | 3rd Year                                     | 27.604855  | 94.807188 |
| <b>Sub Total</b> |                                     |                      |  |                       |      | <b>9800.00</b>   |           | <b>5556600.00</b>   | <b>277830.00</b> | <b>5556600.00</b>          |  |            |           |
| 1                | Channel Cutting                     | Bishnu Nagar         | Bishnu Nagar                                     | All Villagers         | RM   | 630  | 330       | 207900              | 10395            | 207900                     | 4th Year                                     | 27.62381   | 94.827802 |
| 2                | Channel Cutting                     | Rupahi Borgayan      | Rupahi Borgara                                   | All Villagers         | RM   | 1000   | 330       | 330000              | 16500            | 330000                     | 1st Year                                     | 27.6676    | 94.752112 |
| <b>Sub Total</b> |                                     |                      |  |                       |      | <b>1630</b>  |           | <b>537900</b>       | <b>26895</b>     | <b>537900</b>              |  |            |           |
| 1                | Boulder                             | No.3 Arsi            | No.3 Arsi  | All                   | SQ   | 500  | 238       | 1190000             | 59500            | 1190000                    | 2nd Year                                     | 27.649243  | 94.792049 |

| 1                | 2                                   | 3                     | 4  | 5                     |      | 6  | 7         | 8                   | 9             | 10                         | 11   | 12         | 13        |
|------------------|-------------------------------------|-----------------------|--|-----------------------|------|--|-----------|---------------------|---------------|----------------------------|--|------------|-----------|
| Sl. No           | Name of the Activities (Structures) | Name of the Village   | Plot Numbers (including Name of the local Patch) | Name of Beneficiaries | Unit | Area (in Ha)/ 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       |
|                  | Pitching                            | Borgayan              | Borgayan   | Villagers             | M    |  | 0         |                     |               |                            |  |            |           |
| 2                | Boulder Pitching                    | Bishnu Nagar          | Bishnu Nagar                                     | All Villagers         | SQ M | 600  | 2380      | 1428000             | 71400         | 1428000                    | 1st Year                                     | 27.627697  | 94.827015 |
| <b>Sub Total</b> |                                     |                       |  |                       |      | <b>1100</b>  |           | <b>2618000</b>      | <b>130900</b> | <b>2618000</b>             |  |            |           |
| 1                | Boulder Spur                        | No.2 Bukabeel         | Bukabil Balipur                                  | All Villagers         | RM   | 40   | 6241      | 249640              | 12482         | 249640                     | 1st Year                                     | 27.580688  | 94.796167 |
| 1                | Boulder Spur                        | No.2 Muktiyar Bukabil | 1 No Muktiyar Bukabil                            | All Villagers         | RM   | 60   | 6241      | 374460              | 18723         | 374460                     | 1st Year                                     | 27.568453  | 94.807195 |
| <b>Sub Total</b> |                                     |                       |  |                       |      | <b>100</b>   |           | <b>624100</b>       | <b>31205</b>  | <b>624100</b>              |  |            |           |
| 1                | Guide Bund                          | Cilli Adi             | Chili Hatigarh                                   | All Villagers         | RM   | 400  | 567       | 226800              | 11340         | 226800                     | 4thYear                                      | 27.662756  | 94.756471 |
| 2                | Guide Bund                          | Karoi Bari            | Karoi Bari Bongali                               | All Villagers         | RM   | 250  | 567       | 141750              | 7087.5        | 141750                     | 1stYear                                      | 27.63615   | 94.805635 |
| 3                | Guide Bund                          | No.3 Arsi Borgayan    | No.3 Arsi Borgayan                               | All Villagers         | RM   | 1200   | 567       | 680400              | 34020         | 680400                     | 4th Year                                     | 27.649243  | 94.792049 |
| 3                | Guide Bund                          | No.2 Arsi Borgayan    | 2 No Arsi Pathar                                 | All Villagers         | RM   | 200  | 567       | 113400              | 5670          | 113400                     | 5th Year                                     | 27.643396  | 94.792309 |
| 3                | Guide Bund                          | No.1 Majarbari        | 1 No Majorbori                                   | All Villagers         | RM   | 500  | 567       | 283500              | 14175         | 283500                     | 5th Year                                     | 27.629698  | 94.782303 |
| 3                | Guide Bund                          | No.1 Majarbari        | Kamalpur   | All Villagers         | RM   | 800  | 567       | 453600              | 22680         | 453600                     | 1st Year                                     | 27.630488  | 94.781531 |
| 3                | Guide Bund                          | Arcy Aka              | Arsi Aka   | All Villagers         | RM   | 800  | 567       | 453600              | 22680         | 453600                     | 3rdYear                                      | 27.626015  | 94.774909 |
| 3                | Guide Bund                          | No.2                  | 2 No Kareng Basti                                | All                   | RM   | 600  | 567       | 340200              | 17010         | 340200                     | 2ndYea                                       | 27.580711  | 94.796177 |

| 1                  | 2                                   | 3                     | 4  | 5                     |      | 6  | 7         | 8                   | 9                | 10                         | 11   | 12         | 13        |
|--------------------|-------------------------------------|-----------------------|--|-----------------------|------|--|-----------|---------------------|------------------|----------------------------|--|------------|-----------|
| Sl. No             | Name of the Activities (Structures) | Name of the Village   | Plot Numbers (including Name of the local Patch) | Name of Beneficiaries | Unit | Area (in Ha)/ 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       |
|                    |                                     | Kareng Bali Pur       |  | Villagers             |      |  |           |                     |                  |                            | r  |            |           |
| 3                  | Guide Bund                          | Sibanagar Balipur     | Dakshin Sib Nagar                                | All Villagers         | RM   | 300  | 567       | 170100              | 8505             | 170100                     | 2ndYear                                      | 27.613763  | 94.816795 |
| 3                  | Guide Bund                          | Sibanagar Balipur     | Debendra Nagar                                   | All Villagers         | RM   | 500  | 567       | 283500              | 14175            | 283500                     | 3rd Year                                     | 27.601755  | 94.83362  |
| 3                  | Guide Bund                          | Kakabari Kamal Pur    | Kakabari Kamal Pur                               | All Villagers         | RM   | 800  | 567       | 453600              | 22680            | 453600                     | 3rd Year                                     | 27.605022  | 94.823851 |
| 3                  | Guide Bund                          | Bukabeel              | 1 No Kakobari Bukabil                            | All Villagers         | RM   | 500  | 567       | 283500              | 14175            | 283500                     | 1st Year                                     | 27.582758  | 94.810367 |
| 3                  | Guide Bund                          | No.2 Muktiyar Bukabil | No.2 Muktiyar Bukabil                            | All Villagers         | RM   | 500  | 567       | 283500              | 14175            | 283500                     | 3rd Year                                     | 27.574606  | 94.820099 |
| 3                  | Guide Bund                          | No.2 Kaka Bari        | 1 No Kakobari                                    | All Villagers         | RM   | 2000   | 567       | 1134000             | 56700            | 1134000                    | 1st Year                                     | 27.579088  | 94.791995 |
| <b>Sub Total</b>   |                                     |                       |  |                       |      | <b>9350</b>  |           | <b>5301450</b>      | <b>265072.5</b>  | <b>5301450</b>             |  |            |           |
| <b>GRAND TOTAL</b> |                                     |                       |  |                       |      |  |           | <b>14638050.0</b>   | <b>731902.50</b> | <b>14638050.0</b>          |  |            |           |

**Table No. 5.2.2 Water Harvesting Structures**

| 1  | 2    | 3                  | 4                  | 5                 | 6   | 7    | 8   | 9      | 10    | 11     | 12         |            | 13        |
|----|------|--------------------|--------------------|-------------------|-----|------|-----|--------|-------|--------|------------|------------|-----------|
|    |      |                    |                    |                   |     |      |     |        |       |        | GPS Points |            | 13        |
|    |      |                    |                    |                   |     |      |     |        |       |        | Long       | Lat        |           |
| 1  | Pond | Bhagwan borgayan   | Bhagwan Mili       | Sanjib Mili       | Sqm | 1338 | 233 | 311754 | 15588 | 311754 | 4th Year   | 27.655723  | 94.792044 |
| 2  | Pond | Cilli Adi          | Chili Hatigarh     | Village Community | Sqm | 1338 | 233 | 311754 | 15588 | 311754 | 5th Year   | 27.662646  | 94.756242 |
| 3  | Pond | Cilli Bijbari      | Chili Brijbari     | Village Community | Sqm | 1338 | 233 | 311754 | 15588 | 311754 | 5th Year   | 27.651834  | 94.763031 |
| 4  | Pond | Karoi Bari         | Karoi Bari Hajong  | Halim Hajong      | Sqm | 1338 | 233 | 311754 | 15588 | 311754 | 4th Year   | 27.624061  | 94.802789 |
| 5  | Pond | No.2 Arsi Borgayan | Arsi Pathar        | Village Community | Sqm | 1338 | 233 | 311754 | 15588 | 311754 | 1st Year   | 27.649992  | 94.777396 |
| 6  | Pond | No.2 Arsi Borgayan | 2 No Arsi Borgarah | Village Community | Sqm | 1338 | 233 | 311754 | 15588 | 311754 | 2nd Year   | 27.644402  | 94.784996 |
| 7  | Pond | Bishnu Nagar       | Bishnu Nagar       | Binay Baidya      | Sqm | 2676 | 233 | 623508 | 31175 | 623508 | 3rd Year   | 27.6249121 | 94.823208 |
| 8  | Pond | No.2 Majorbari     | 2 No Majorbori     | Village Community | Sqm | 1338 | 233 | 311754 | 15588 | 311754 | 4th Year   | 27.643194  | 94.777023 |
| 9  | Pond | Arcy Aka           | Arsi Aka           | Village Community | Sqm | 1338 | 233 | 311754 | 15588 | 311754 | 2nd Year   | 27.627053  | 94.768683 |
| 10 | Pond | Rupahi Borgayan    | Rupahi Borgara     | Village Community | Sqm | 1338 | 233 | 311754 | 15588 | 311754 | 1st Year   | 27.607959  | 94.758877 |
| 11 | Pond | Moha Ranipur       | 1 No Moha Ranipur  | Village Community | Sqm | 1338 | 233 | 311754 | 15588 | 311754 | 1st Year   | 27.613123  | 94.796878 |
| 12 | Pond | Moha Ranipur       | 1 No Moha Ranipur  | Village Community | Sqm | 1338 | 233 | 311754 | 15588 | 311754 | 1st Year   | 27.608987  | 94.790654 |
| 13 | Pond | Moha Ranipur       | 1 No Moha Ranipur  | Village Community | Sqm | 1338 | 233 | 311754 | 15588 | 311754 | 3rd Year   | 27.604617  | 94.820346 |



| 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 | Area in Ha/ 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        |    |
| 14      | Pond                                | 2 No Moha Ranipur    | 2 No Moha Ranipur  | Village Community     | Sqm  | 1338  | 233       | 311754              | 15588        | 311754                     | 1st Year                                     | 27.6002    | 94.7950271 |    |
| 15      | Pond                                | 2 No Moha Ranipur    | 2 No Moha Ranipur  | Village Community     | Sqm  | 1338  | 233       | 311754              | 15588        | 311754                     | 2nd Year                                     | 27.599785  | 94.795602  |    |
| 16      | Pond                                | 2 No Moha Ranipur    | 2 No Moha Ranipur  | Village Community     | Sqm  | 1338  | 233       | 311754              | 15588        | 311754                     | 3rd Year                                     | 27.601075  | 94.794854  |    |
| 17      | Pond                                | 2 No Moha Ranipur    | 2 No Moha Ranipur  | Village Community     | Sqm  | 1338  | 233       | 311754              | 15588        | 311754                     | 1st Year                                     | 27.59768   | 94.805308  |    |
| 18      | Pond                                | 2 No Moha Ranipur    | 2 No Moha Ranipur  | Village Community     | Sqm  | 1338  | 233       | 311754              | 15588        | 311754                     | 2nd Year                                     | 27.599718  | 94.80481   |    |
| 19      | Pond                                | 2 No Moha Ranipur    | 2 No Moha Ranipur  | Village Community     | Sqm  | 1338  | 233       | 311754              | 15588        | 311754                     | 3rd Year                                     | 27.599827  | 94.4768    |    |
| 20      | Pond                                | No.2 Kareng Bali Pur | 1 No Kareng Basti  | Village Community     | Sqm  | 1338  | 233       | 311754              | 15588        | 311754                     | 3rd Year                                     | 27.589182  | 94.789349  |    |
| 21      | Pond                                | No.2 Kareng Bali Pur | 2 No Kareng Basti  | Village Community     | Sqm  | 1338  | 233       | 311754              | 15588        | 311754                     | 3rd Year                                     | 27.580701  | 94.796177  |    |
| 22      | Pond                                | Sibanagar Balipur    | Sibnagar Balipur   | Village Community     | Sqm  | 1340  | 233       | 312220              | 15611        | 312220                     | 1st Year                                     | 27.620176  | 94.806105  |    |
| 23      | Pond                                | Sibanagar Balipur    | Dakshin Sib Nagar  | Village Community     | Sqm  | 1340  | 233       | 312220              | 15611        | 312220                     | 2nd Year                                     | 27.612397  | 94.812573  |    |
| 24      | Pond                                | Sibanagar Balipur    | Debendra Nagar     | Village Community     | Sqm  | 1340  | 233       | 312220              | 15611        | 312220                     | 3rd Year                                     | 27.614109  | 94.828871  |    |
| 25      | Pond                                | Kakabari Kamal Pur   | Kakabari Kamal Pur | Village Community     | Sqm  | 1340  | 233       | 312220              | 15611        | 312220                     | 1st Year                                     | 27.605022  | 94.823851  |    |
| 26      | Pond                                | Kakabari Dharmapur   | Kakabari Dharmapur | Village Community     | Sqm  | 1338  | 233       | 311754              | 15588        | 311754                     | 2ndYear                                      | 27.599166  | 94.833176  |    |
| 27      | Pond                                | Kakabari Dharmapur   | Kakabari Dharmapur | Village Community     | Sqm  | 1338  | 233       | 311754              | 15588        | 311754                     | 3rd Year                                     | 27.605036  | 94.823801  |    |

| 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 | Area in Ha/ 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        |
| 28               | Pond                                | Kadamtala (1 No. & 2 No.) | 1 No. Kadamtola       | Village Community     | Sqm  | 1338  | 233          | 311754              | 15588         | 311754                     | 2nd Year                                     | 27.7758685 | 94.3773542 |
| 29               | Pond                                | Kadamtala (1 No. & 2 No.) | 2 No Kadamtola        | Village Community     | Sqm  | 1338  | 233          | 311754              | 15588         | 311754                     | 3rd Year                                     | 27.589182  | 94.78349   |
| 30               | Pond                                | Bukabil                   | 1 No Kakobari Bukabil | Village Community     | Sqm  | 1338  | 233          | 311754              | 15588         | 311754                     | 3rd Year                                     | 27.583151  | 94.809209  |
| 31               | Pond                                | No.2 Bukabeel             | Bukabil Balipur       | Village Community     | Sqm  | 1338  | 233          | 311754              | 15588         | 311754                     | 2nd Year                                     | 27.583977  | 94.784961  |
| 32               | Pond                                | No.2 Muktiyar Bukabil     | No.2 Muktiyar Bukabil | Village Community     | Sqm  | 1338  | 233          | 311754              | 15588         | 311754                     | 1st Year                                     | 27.605331  | 94.82497   |
| 33               | Pond                                | No.2 Muktiyar Bukabil     | 1 No Muktiyar Bukabil | Village Community     | Sqm  | 1338  | 233          | 311754              | 15588         | 311754                     | 3rd Year                                     | 27.552473  | 94.774125  |
| 34               | Pond                                | Ramya Pur                 | Ramayapur             | Village Community     | Sqm  | 1338  | 233          | 311754              | 15588         | 311754                     | 1st Year                                     | 27.606703  | 94.833983  |
| 35               | Pond                                | No.2 Kaka Bari            | 1 No Kakobari         | Village Community     | Sqm  | 1340  | 233          | 312220              | 15611         | 312220                     | 5th Year                                     | 27.59088   | 94.1995    |
| 36               | Pond                                | Manikpur                  | 2 No Manikpur         | Village Community     | Sqm  | 1338  | 233          | 311754              | 15588         | 311754                     | 2nd Year                                     | 27.553402  | 94.764643  |
| 37               | Pond                                | Manikpur                  | 2 No Manikpur         | Village Community     | Sqm  | 1338  | 233          | 311754              | 15588         | 311754                     | 2nd Year                                     | 27.55823   | 94.788134  |
| <b>Sub Total</b> |                                     |                           |                       |                       |      | <b>50854</b>  | <b>8621</b>  | <b>11848982</b>     | <b>592449</b> | <b>11848982</b>            |  |            |            |
| 1                | RCC Check Dam                       | Kadamtala (1 No. & 2 No.) | 3 No Kadamtola        | All Villagers         | SQM  | 16  | 62700        | 1003200             | 50160         | 1003200                    | 1st Year                                     | 27.580711  | 94.769177  |
| <b>Sub Total</b> |                                     |                           |                       |                       |      | <b>16</b>   | <b>62700</b> | <b>1003200</b>      | <b>50160</b>  | <b>1003200</b>             |  |            |            |
| 1                | Gully Control Project (GCP)         | Dimow Gulai               | Dimpw Gulai           | All Villagers         | SQM  | 24  | 62700        | 1504800             | 75240         | 1504800                    | 1st Year                                     | 27.675808  | 94.78329   |
| 2                | Gully Control                       | No.2 Cilli Nepali         | 2 No Cilli Nepali     | All                   | SQM  | 12  | 62700        | 752400              | 37620         | 752400                     | 2nd Year                                     | 27.663488  | 94.791828  |

| 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 | Area in Ha/ 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       |  |
|                    | Project (GCP)                       |                     |                     | Villagers             |      |   |               |                     |                 |                            |  |            |           |  |
| 3                  | Gully Control Project (GCP)         | Bhagwan borgayan    | Bhagwan Borgayan    | All Villagers         | SQM  | 16  | 62700         | 1003200             | 50160           | 1003200                    | 1st Year                                     | 27.644712  | 94.808143 |  |
| 4                  | Gully Control Project (GCP)         | Sili Asomiya        | Sili Asomiya Pathar | All Villagers         | SQM  | 12  | 62700         | 752400              | 37620           | 752400                     | 1st Year                                     | 27.670957  | 94.774271 |  |
| 5                  | Gully Control Project (GCP)         | Sili Asomiya        | Sili Asomiya Pathar | All Villagers         | SQM  | 12  | 62700         | 752400              | 37620           | 752400                     | 2nd Year                                     | 27.671583  | 94.779012 |  |
| 6                  | Gully Control Project (GCP)         | Cilli Adi Pathar    | Chilli Adi Pathar   | All Villagers         | SQM  | 16  | 62700         | 1003200             | 50160           | 1003200                    | 3rd Year                                     | 27.671583  | 94.779012 |  |
| 7                  | Gully Control Project (GCP)         | Cilli Adi Pathar    | Chilli Adi Pathar   | All Villagers         | SQM  | 24  | 62700         | 1504800             | 75240           | 1504800                    | 2nd Year                                     | 27.671858  | 94.780379 |  |
| 8                  | Gully Control Project (GCP)         | Karoi Bari          | Karoi Bari Missing  | All Villagers         | SQM  | 18  | 62700         | 1128600             | 56430           | 1128600                    | 2nd Year                                     | 27.6315    | 94.802045 |  |
| 9                  | Gully Control Project (GCP)         | No.3 Arsi Borgayan  | No.3 Arsi Borgayan  | All Villagers         | SQM  | 16  | 62700         | 1003200             | 50160           | 1003200                    | 1st Year                                     | 27.652117  | 94.792205 |  |
| 10                 | Gully Control Project (GCP)         | No.2 Nalbari        | No.2 Nalbari        | All Villagers         | SQM  | 16  | 62700         | 1003200             | 50160           | 1003200                    | 2nd Year                                     | 27.656634  | 94.772702 |  |
| 11                 | Gully Control Project (GCP)         | No.2 Majarbari      | No.2 Majarbari      | All Villagers         | SQM  | 18  | 62700         | 1128600             | 56430           | 1128600                    | 2nd Year                                     | 27.643212  | 94.777184 |  |
| <b>Sub Total</b>   |                                     |                     |                     |                       |      | <b>184</b>  | <b>689700</b> | <b>11536800</b>     | <b>576840</b>   | <b>11536800</b>            |  |            |           |  |
| <b>GRAND TOTAL</b> |                                     |                     |                     |                       |      |   |               | <b>761021</b>       | <b>24388982</b> | <b>1219449</b>             | <b>24388982</b>                              |            |           |  |

**Table No. 5.2.3 Vegetative Covers**

| 1       | 2                       | 3                            | 4  | 5                     | 6    | 7             | 8         | 9                   | 10           | 12                         |  | 13        |           |
|---------|-------------------------|------------------------------|--|-----------------------|------|---------------|-----------|---------------------|--------------|----------------------------|--|-----------|-----------|
|         |                         |                              |  |                       |      |               |           |                     |              | GPS Points                 |  |           |           |
| Sl. No. | Name of the Activities  | Name of the Hamlet / Village | Plot Numbers (including Name of the local Patch) | 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) | Long      | Lat       |
| 1       | Horticulture Plantation | Dimow Gulai                  | Dimow Gulai                                      | Padam Tamang          | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 5th year                                     | 27.675808 | 94.78329  |
| 2       | Horticulture Plantation | Gulai                        | Gulai  | Jyotiswar Gayari      | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 3rd year                                     | 27.675808 | 94.78329  |
| 3       | Horticulture Plantation | No.2 Cilli Nepali            | 2 No Cilli Nepali                                | Somraj Puri           | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 3rd year                                     | 27.665721 | 94.787806 |
| 4       | Horticulture Plantation | Bhagwan borgayan             | Bhagwan Mising                                   | Mani Kanta Taye       | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 3rd year                                     | 27.659936 | 94.804514 |
| 4       | Horticulture Plantation | Bhagwan borgayan             | Bhagwan Mili                                     | Bishnu Mili           | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 4th year                                     | 27.655993 | 94.791274 |
| 5       | Horticulture Plantation | Kantu Adi                    | Kantu Adi  | Village Community     | Ha   | 1             | 241500    | 241500.00           | 12075.00     | 241500.00                  | 2nd year                                     | 27.655993 | 94.791274 |
| 6       | Horticulture Plantation | Sili Asomiya                 | Sili Asomiya Pathar                              | Jadab Chutia          | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 3rd year                                     | 27.66312  | 94.774019 |
| 7       | Horticulture Plantation | Cilli Adi Pathar             | Cilli Adi Pathar                                 | Suren Buragonha i     | Ha   | 1             | 241500    | 241500.00           | 12075.00     | 241500.00                  | 5th year                                     | 27.671858 | 94.780379 |
| 8       | Horticulture Plantation | Cilli Bijbari                | Cilli Bijbari                                    | Village Community     | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 4th year                                     | 27.651834 | 94.763031 |
| 11      | Horticulture Plantation | Karoi Bari                   | Karoi Bari                                       | Duladhar Mili         | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 3rd year                                     | 27.63615  | 94.805635 |

| 1       | 2                       | 3                            | 4  | 5                     |      | 6             |           | 7                   | 8            | 9                          | 10   | 12         | 13        |
|---------|-------------------------|------------------------------|--|-----------------------|------|---------------|-----------|---------------------|--------------|----------------------------|--|------------|-----------|
| Sl. No. | Name of the Activities  | Name of the Hamlet / Village | Plot Numbers (including Name of the local Patch) | 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       |
| 12      | Horticulture Plantation | No.3 Arsi Borgayan           | No.3 Arsi Borgayan                               | Navaram Yein          | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 1st year                                     | 27.651851  | 94.787256 |
| 12      | Horticulture Plantation | No.3 Arsi Borgayan           | No.3 Arsi Borgayan                               | Anit Yein             | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 3rd year                                     | 27.651408  | 94.786589 |
| 12      | Horticulture Plantation | No.2 Arsi Borgayan           | 2 No Arsi Borgorah                               | Village Community     | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 4th year                                     | 27.642446  | 94.785106 |
| 12      | Horticulture Plantation | No.1 Nalbari                 | No.1 Nalbari                                     | Village Community     | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 3rd year                                     | 27.651107  | 94.779796 |
| 12      | Horticulture Plantation | No.2 Nalbari                 | No 2 Nalbari                                     | Dodiram Chetry        | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 1st year                                     | 27.659025  | 94.774155 |
| 12      | Horticulture Plantation | No.2 Nalbari                 | No 2 Nalbari                                     | Bokra Goyary          | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 3rd year                                     | 27.660713  | 94.770122 |
| 12      | Horticulture Plantation | No.1 Majarbari               | No.1 Majarbari                                   | Village Community     | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 2nd year                                     | 27.634656  | 94.782252 |
| 12      | Horticulture Plantation | No.1 Majarbari               | No.1 Majarbari                                   | Village Community     | Ha   | 0.36          | 241500    | 86940.00            | 4347.00      | 86940.00                   | 3rd year                                     | 27.63133   | 94.778749 |
| 12      | Horticulture Plantation | No.1 Majarbari               | No.1 Majarbari                                   | Village Community     | Ha   | 0.14          | 241500    | 33810.00            | 1690.50      | 33810.00                   | 4th year                                     | 27.63133   | 94.778749 |
| 12      | Horticulture Plantation | No.2 Majarbari               | Majorbori Nepali                                 | Village Community     | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 1st year                                     | 27.641682  | 94.775301 |
| 12      | Horticulture Plantation | Arcy Aka                     | Arcy Aka   | Village Community     | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 4th year                                     | 27.630938  | 94.776938 |

| 1       | 2                       | 3                            | 4  | 5                          |      | 6             |           | 7                   | 8            | 9                          | 10   | 12         | 13        |
|---------|-------------------------|------------------------------|--|----------------------------|------|---------------|-----------|---------------------|--------------|----------------------------|--|------------|-----------|
| Sl. No. | Name of the Activities  | Name of the Hamlet / Village | Plot Numbers (including Name of the local Patch) | 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       |
| 12      | Horticulture Plantation | Rupahi Borgayan              | Rupahi Borgayan                                  | Village Community          | Ha   | 0.3           | 241500    | 72450.00            | 3622.50      | 72450.00                   | 2nd year                                     | 27.610841  | 94.75902  |
| 12      | Horticulture Plantation | Gowranga Pur                 | Arcy Aka   | Village Community          | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 1st year                                     | 27.614734  | 94.79935  |
| 12      | Horticulture Plantation | Moha Ranipur                 | 1 No Moha Ranipur                                | Village Community          | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 5th year                                     | 27.621921  | 94.795805 |
| 12      | Horticulture Plantation | 2 No Moha Ranipur            | 2 No Moha Ranipur                                | Village Community          | Ha   | 1             | 241500    | 241500.00           | 12075.00     | 241500.00                  | 2nd year                                     | 27.602741  | 94.794508 |
| 12      | Horticulture Plantation | No.2 Kareng Bali Pur         | 2 No Kareng Basti                                | Sunadhani Mahila Committee | Ha   | 0.249<br>155  | 241500    | 60170.93            | 3008.55      | 60170.93                   | 4th year                                     | 27.580711  | 94.796177 |
| 12      | Horticulture Plantation | No.2 Kareng Bali Pur         | 1 No Kareng Basti                                | Village Community          | Ha   | 0.25          | 241500    | 60375.00            | 3018.75      | 60375.00                   | 5th year                                     | 27.589182  | 94.789349 |
| 12      | Horticulture Plantation | Sibanagar Balipur            | Dakshin Sib Nagar                                | Moinamoti UG               | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 5th year                                     | 27.611506  | 94.815462 |
| 12      | Horticulture Plantation | Sibanagar Balipur            | Sibnagar Balipur                                 | Village Community          | Ha   | 0.25          | 241500    | 60375.00            | 3018.75      | 60375.00                   | 1st year                                     | 27.613007  | 94.811958 |
| 12      | Horticulture Plantation | Kakabari Kamal Pur           | Kakabari Kamal Pur                               | Navodoy SHG                | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 1st year                                     | 27.605022  | 94.823851 |
| 12      | Horticulture Plantation | Kakabari Dharmapur           | Kakabari Dharmapur                               | Village Community          | Ha   | 0.5           | 241500    | 120750.00           | 6037.50      | 120750.00                  | 1st year                                     | 27.605036  | 94.823801 |

| 1                | 2                       | 3                            | 4  | 5                     |      | 6             |           | 7                   | 8                  | 9                          | 10   | 12         | 13        |
|------------------|-------------------------|------------------------------|--|-----------------------|------|---------------|-----------|---------------------|--------------------|----------------------------|--|------------|-----------|
| Sl. No.          | Name of the Activities  | Name of the Hamlet / Village | Plot Numbers (including Name of the local Patch) | 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       |
| 12               | Horticulture Plantation | Kadamtala (1 No. & 2 No.)    | 2 No Kadamtola                                   | Jamuna SHG            | Ha   | 0.5           | 241500    | 120750.00           | 6037.50            | 120750.00                  | 1st year                                     | 27.580711  | 94.796177 |
| 12               | Horticulture Plantation | Kadamtala (1 No. & 2 No.)    | 2 No Kadamtola                                   | Shiriti SHG           | Ha   | 0.5           | 241500    | 120750.00           | 6037.50            | 120750.00                  | 4th year                                     | 27.589182  | 94.78349  |
| 12               | Horticulture Plantation | No.2 Kaka Bari               | 2 No Kakobari                                    |                       | Ha   | 0.223         | 241500    | 53854.50            | 2692.73            | 53854.50                   | 1st year                                     | 27.605331  | 94.82497  |
| 12               | Horticulture Plantation | No.2 Kaka Bari               | 2 No Kakobari                                    | Village Community     | Ha   | 0.027         | 241500    | 6520.50             | 326.03             | 6520.50                    | 2nd year                                     | 27.605331  | 94.82497  |
| 12               | Horticulture Plantation | Manikpur                     | 2 No Manikpur                                    | Malakhi SHG           | Ha   | 0.445         | 241500    | 107467.50           | 5373.38            | 107467.50                  | 2nd year                                     | 27.553401  | 94.764642 |
| 12               | Horticulture Plantation | Manikpur                     | 2 No Manikpur                                    | Jayadevi SHG          | Ha   | 0.045         | 241500    | 10867.50            | 543.38             | 10867.50                   | 4th year                                     | 27.553401  | 94.764642 |
| 12               | Horticulture Plantation | Manikpur                     | 2 No Manikpur                                    | Sumitara SHG          | Ha   | 0.078         | 241500    | 18837.00            | 941.85             | 18837.00                   | 5th year                                     | 27.553401  | 94.764642 |
| <b>Sub Total</b> |                         |                              |  |                       |      | <b>17.36</b>  |           | <b>4194167.933</b>  | <b>209708.3966</b> | <b>4194167.9</b>           |  |            |           |
| <b>Total</b>     |                         |                              |  |                       |      | <b>17.36</b>  |           | <b>41,94,167.93</b> | <b>209708.3966</b> | <b>4194167.9</b>           |  |            |           |

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

| 1<br>Sl. No.             | 2<br>Name of structures | Area (ha) | Farmers            | 3                             |                | 4   |              |             |               | Farmers contribution (Rs. in lakh) | Grant Portion (Rs. in lakh) |
|--------------------------|-------------------------|-----------|--------------------|-------------------------------|----------------|---|--------------|-------------|---------------|------------------------------------|-----------------------------|
|                          |                         |           |                    | Total units (No./ cu.m./ rmt) | UNIT COST (Rs) | Proposed plan Estimated cost* (Rs. in lakh) |              |             |               |                                    |                             |
|                          |                         |           |                    |                               |                | M   | W            | O           | T             |                                    |                             |
| A                        | PRIVATE LAND            |           |                    |                               |                |   |              |             |               |                                    |                             |
| 1                        | Agril Bund              | 213       | All Village Farmer | 8300 RM                       | 567            | 4.71  | 40.00        | 2.35        | 47.06         | 2.35                               | 47.06                       |
| 2                        | Channel Cutting         | 25        | All Village Farmer | 1630 RM                       | 330            | 0.81  | 4.30         | 0.27        | 5.38          | 0.27                               | 5.38                        |
| 3                        | Boulder Pitching        | 120       | All Village Farmer | 1100 SQM                      | 2380           | 14.40                                       | 10.47        | 1.31        | 26.18         | 1.31                               | 26.18                       |
| 4                        | Boulder Spur            | 28        | All Village Farmer | 100 RM                        | 6241           | 3.43  | 2.50         | 0.31        | 6.24          | 0.31                               | 6.24                        |
| 6                        | Guide Bund              | 240       | All Village Farmer | 9350RM                        | 567            | 7.95  | 42.41        | 2.65        | 53.01         | 2.65                               | 53.01                       |
| <b>Grand total (A+B)</b> |                         |           |                    |                               |                | <b>31.30</b>                                | <b>99.69</b> | <b>6.89</b> | <b>137.88</b> | <b>6.89</b>                        | <b>137.88</b>               |



### 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<br>(Rs) | Proposed plan                    |               |               |               | Farmers contribution<br>(Rs) |
|                    |                          |                               |                   | Estimated cost*<br>(Rs. in lakh) |               |               |               |                              |
|                    |                          |                               | M                 | W                                | O             | T             |               |                              |
| <b>A2</b>          | <b>Common structures</b> |                               |                   |                                  |               |               |               |                              |
| 1                  | Pond                     | 50854 SQM                     | 233               | 17.77                            | 94.79         | 59.24         | 118.49        | 592449.10                    |
| 2                  | RCC Check Dam            | 16 Sqm                        | 62700             | 5.52                             | 4.01          | 5.02          | 10.03         | 50160.00                     |
| 3                  | Gully Control Project    | 184 Sqm                       | 62700             | 63.45                            | 46.15         | 57.68         | 115.37        | 576840.00                    |
| <b>Grand total</b> |                          |                               |                   | <b>86.74</b>                     | <b>144.95</b> | <b>121.94</b> | <b>243.89</b> | <b>1219449.10</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 | 173680 SQM | 241500        | 41.94                        | 2.10                              | 41.94               |
| <b>Grand total</b> |                         |            |               | <b>41.94</b>                 | <b>2.10</b>                       | <b>41.94</b>        |

**Table No. 6.1 Details of Capacity Building**

| 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 Traineedays (= 3 x 4 x 5) | Cost per Traineeday (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) |
| <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>Awariness Meeting</b>      |   |                  |                                    |                                |                                 |                             |   |                            |  |
| 1                             | Awariness 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.   | 4                | 300                                | 1                              | 1200                            | 68.97                       | 82764   | 82764                      | 1st, 2nd                                     |
| 2                             | UG Formation  | 35               | 75                                 | 1                              | 2625                            | 31.53                       | 82764   | 82764                      | 2nd, 3rd, 4th, 5th                           |
| 3                             | SHG Formation   | 35               | 75                                 | 1                              | 2625                            | 31.53                       | 82764   | 82764                      | 2nd, 3rd, 4th, 5th                           |
| <b>Subtotal</b>               |   | <b>74</b>        | <b>450</b>                         | <b>3</b>                       | <b>6450</b>                     | <b>132.0282857</b>          | <b>248292</b>   | <b>248292</b>              |  |
| <b>TRAINING</b>               |   |                  |                                    |                                |                                 |                             |   |                            |  |
| 1                             | DWDU  | 3                | 60                                 | 1                              | 180                             | 920                         | 165528  | 165528                     | 1st Year                                     |
| 2                             | PIA/WDT   | 7                | 20                                 | 2                              | 280                             | 887                         | 248292  | 248292                     | 1st, 2nd , 3rd, 4th                          |
| 3                             | Watershed Committee   | 10               | 12                                 | 3                              | 360                             | 766                         | 275880  | 275880                     | 2nd, 3rd                                     |
| 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>44</b>        | <b>132</b>                         | <b>10</b>                      | <b>1780</b>                     | <b>3693</b>                 | <b>1227666</b>  | <b>1227666</b>             |  |

| 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 Traineedays (= 3 x 4 x 5) | Cost per Traineeday (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) |
| <b>EXPOSURE VISIT</b>              |   |                  |                                    |                                |                                 |                             |   |                            |  |
| 1                                  | Farmers/ WC Members   | 1                | 30                                 | 3                              | 90                              | 3832                        | 344850  | 344850                     | 2nd. 3rd,                                    |
| 2                                  | PIA/WDT   | 1                | 15                                 | 3                              | 45                              | 4291                        | 193116  | 193116                     | 2nd. 3rd,                                    |
| <b>Subtotal</b>                    |   | <b>2</b>         | <b>45</b>                          | <b>6</b>                       | <b>135</b>                      | <b>8123</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>158</b>       | <b>1447</b>                        | <b>26</b>                      | <b>18625</b>                    | <b>13877</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>              |   |      |           |          |                |                      |           |                      |           |                      |           |                      |           |                |           |
|        | (i)   | Construction of Waiting shed at Asri Pathar Village       | No   | 45000     | 1        | 450000         | 0                    | 0         | 0                    | 0         | 0                    | 0         | 0                    | 0         | 1              | 450000    |
|        | (ii)  | Construction of Farmer Rest Shed at Bhagawan Borgara      | No   | 53920     | 1        | 539200         | 0                    | 0         | 0                    | 0         | 0                    | 0         | 0                    | 0         | 1              | 539200    |
|        | (iii)   | Construction of Waiting shed at Kakabari Kamalpur Village | No   | 40000     | 1        | 400000         | 0                    | 0         | 0                    | 0         | 0                    | 0         | 0                    | 0         | 1              | 400000    |
|        | (iv)  | Construction of Waiting shed at 2 No Majorbori Sub Centre | No   | 45000     | 1        | 450000         | 0                    | 0         | 0                    | 0         | 0                    | 0         | 0                    | 0         | 1              | 450000    |
|        |   | <b>Sub Total of Entry Point Activity</b>                  |      |           | <b>0</b> | <b>1839200</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>1839200</b> |           |
| 2      | <b>Institution &amp; Capacity Building (3%)</b> |   |      |           |          |                |                      |           |                      |           |                      |           |                      |           |                |           |
|        | i)  | Poor HHs in Watersheds to be covered under SHGs           |      |           |          |                |                      |           |                      |           |                      |           |                      |           |                |           |
|        |   | SC  | No.  | -         | 79       | -              | 99                   | -         | 138                  | -         | 39                   | -         | 41                   | -         | 396            | -         |
|        |   | ST  | No.  | -         | 74       | -              | 92                   | -         | 129                  | -         | 37                   | -         | 37                   | -         | 369            | -         |
|        |   | BC  | No.  | -         | 80       | -              | 100                  | -         | 140                  | -         | 40                   | -         | 40                   | -         | 400            | -         |
|        |   | OC  | No.  | -         | 31       | -              | 39                   | -         | 54                   | -         | 16                   | -         | 15                   | -         | 155            | -         |
| ii)    | Awareness Generation (events) to be conducted   |   |      |           |          |                |                      |           |                      |           |                      |           |                      |           |                |           |
|        | Pamphlets distribution                          | No.   | 1.5  | 100       | 15000    | 422            | 6333                 | 0         | 0                    | 0         | 0                    | 0         | 0                    | 1422      | 21333          |           |

|              |  |          |       |     |        |     |       |       |       |     |       |     |   |      |        |
|--------------|--|----------|-------|-----|--------|-----|-------|-------|-------|-----|-------|-----|---|------|--------|
|              |  |          |       | 00  |        | 2   |       |       |       |     |       |     |   | 2    |        |
|              | Wall posters   | No.      | 5     | 708 | 35440  | 300 | 1     | 15005 | 0     | 0   | 0     | 0   | 0 | 1008 | 50445  |
|              | Wall writings/Flex Postering   | No.      | 1250  | 70  | 87500  | 5   | 6250  | 0     | 0     | 0   | 0     | 0   | 0 | 75   | 93750  |
|              | Mass meetings  | No.      | 11035 | 5   | 55175  | 3   | 33105 | 2     | 22070 | 0   | 0     | 0   | 0 | 10   | 110350 |
|              | Awareness meetings   | No.      | 8828  | 10  | 88280  | 5   | 44140 | 5     | 44140 | 5   | 44140 | 0   | 0 | 25   | 220700 |
| <b>iii)</b>  | Orientation programme to GP, WC, UG, SHG, VO, VSS, WUA, Societies, Elected reps. | No.      | 0     | 4   | 0      | 4   | 0     | 4     | 0     | 4   | 0     | 4   | 0 | 20   |        |
| <b>iv)</b>   | Formation of UGs   | No.      | -     | -   | 55176  | -   | 13794 | -     | 6897  | -   | 6897  | -   | 0 | -    | 82764  |
|              | No. of women   | No.      | -     | 50  | -      | 12  | -     | 6     | -     | 7   | -     | 0   | - | 75   | -      |
|              | No. of men   | No.      | -     | 552 | -      | 132 | -     | 66    | -     | 67  | -     | 0   | - | 825  | -      |
| <b>vi)</b>   | Formation of Watershed Committee   | No.      | 20691 | 4   | 82764  | 0   | 0     | 0     | 0     | 0   | 0     | 0   | 0 | 4    | 82764  |
|              | No. of women   | No.      | -     | 4   | -      | -   | -     | -     | -     | -   | -     | -   | - | 4    | 12     |
|              | No. of men   | No.      | -     | 44  | -      | -   | -     | -     | -     | -   | -     | -   | - | 44   | 60     |
| <b>vii)</b>  | Regular Meetings to be conducted   |          |       |     |        |     |       |       |       |     |       |     |   |      |        |
|              | Watershed Committee  | No.      | -     | 12  | -      | 12  | -     | 12    | -     | 12  | -     | 12  | - | 60   | -      |
|              | UGs/LGs  | No.      | -     | 75  | -      | 75  | -     | 75    | -     | 75  | -     | 75  | - | 375  | -      |
|              | VO/SHGs  | No.      | -     | 111 | -      | 111 | -     | 111   | -     | 111 | -     | 111 | - | 555  | -      |
|              | Gram Panchayat   | No.      | -     | 12  | -      | 12  | -     | 12    | -     | 12  | -     | 12  | - | 60   | -      |
| <b>viii)</b> | No. of Planning events   | No.      | -     | 12  | -      | 12  | -     | 12    | -     | 12  | -     | 12  | - | 60   | -      |
| <b>ix)</b>   | Registration of WC   | No.      | -     | 4   | -      | -   | -     | -     | -     | -   | -     | 4   | - | 8    | -      |
| <b>x)</b>    | Self Monitoring events (planning, review of activities through tool)             | No.      | -     | 1   | -      | 1   | -     | 1     | -     | 1   | -     | 1   | - | 4    | -      |
| <b>xi)</b>   | Convergence meetings with LDs/other institutions                                 | No.      | -     | 1   | -      | 1   | -     | 1     | -     | 1   | -     | 1   | - | 4    | -      |
| <b>xii)</b>  | Social Audit events  | No.      | -     | 1   | -      | 1   | -     | 1     | -     | 1   | -     | 1   | - | 4    | -      |
| <b>xiii)</b> | <b>Trainings &amp; Exposures</b>   |          |       |     |        |     |       |       |       |     |       |     |   |      |        |
| <b>a)</b>    | DWDU Level   | No. Trgs | 55176 | 2   | 110352 | 1   | 55176 | 0     | 0     | 0   | 0     | 0   | 0 | 3    | 165528 |
|              | Women  | No.      | -     | 10  | -      | 10  | -     | 10    | -     | -   | -     | -   | - | 20   | -      |

|  |   |          |            |          |               |          |               |          |               |          |               |          |              |          |                |   |
|--|---|----------|------------|----------|---------------|----------|---------------|----------|---------------|----------|---------------|----------|--------------|----------|----------------|---|
|  | Men   | No.      |            | 50       |               | 50       |               | -        | 50            |          | -             |          | -            | 100      |                | - |
| b)   | On PIA Level  | No. trgs | 35470      | 2        | 70940         | 2        | 70940         | 2        | 70940         | 1        | 35470         | 0        | 0            | 7        | 248290         |   |
|  | Women   | No.      | -          | 5        | -             | 10       | -             | 10       | -             | -        | -             | -        | -            | 25       | -              |   |
|  | Men   | No.      | -          | 15       | -             | 30       | -             | 30       | -             | -        | -             | -        | -            | 75       | -              |   |
| c)   | On WC Level   | No. trgs | 27588      | 4        | 110352        | 4        | 110352        | 1        | 27588         | 1        | 110352        | 0        | 0            | 10       | 358644         |   |
|  | Women   | No.      | -          | 4        | -             | 4        | -             | 1        | -             | 1        | -             | -        | -            | 9        | -              |   |
|  | Men   | No.      | -          | 44       | -             | 44       | -             | 22       | -             | 22       | -             | 0        | -            | 132      | -              |   |
| c)   | On Natural Resource Management  | No. trgs | 21840      | 3        | 65520         | 3        | 65520         | 3        | 65520         | 2        | 43680         | 1        | 21840        | 12       | 262080         |   |
|  | Women   | No.      | -          | 12       | -             | 12       | -             | 12       | -             | 8        | -             | 4        | -            | 48       | -              |   |
|  | Men   | No.      | -          | 48       | -             | 48       | -             | 48       | -             | 32       | -             | 16       | -            | 192      | -              |   |
| d)   | On Enterprise Promotion   | No. trgs | 22990      | 1        | 22990         | 2        | 45980         | 2        | 45980         | 1        | 22990         | 0        | 0            | 6        | 137940         |   |
|  | Women   | No.      | -          | 10       | -             | 20       | -             | 30       | -             | 15       | -             | 0        | -            | 65       | -              |   |
|  | Men   | No.      | -          | 10       | -             | 20       | -             | 10       | -             | 5        | -             | 0        | -            | 35       | -              |   |
| e)   | On Productivity Enhancement   | No. trgs | 22990      | 1        | 22990         | 2        | 45980         | 2        | 45980         | 1        | 22990         | 0        | 0            | 6        | 137940         |   |
|  | Women   | No.      | -          | 10       | -             | 20       | -             | 30       | -             | 15       | -             | 0        | -            | 65       | -              |   |
|  | Men   | No.      | -          | 10       | -             | 20       | -             | 10       | -             | 5        | -             | 0        | -            | 35       | -              |   |
| f)   | Exposure Visits   | Nos      | 26898<br>3 | 0        | 0             | 1        | 268983        | 1        | 268983        | 0        | 0             | 0        | 0            | 2        | 537966         |   |
|  | Women   | No.      | -          | -        | -             | 15       | -             | 15       | -             | 0        | 0             | 0        | 0            | 30       | -              |   |
|  | Men   | No.      | -          | -        | -             | 5        | -             | 5        | -             | 0        | -             | 0        | -            | 10       | -              |   |
| g)   | Participation in Exhibition   | Nos      | 82764      | 0        | 0             | 1        | 82764         | 1        | 82764         | 0        | 0             | 0        | 0            | 2        | 165528         |   |
|  | Women   | No.      | -          | -        | -             | 80       | -             | 80       | -             | 0        | 0             | 0        | 0            | 160      | -              |   |
|  | Men   | No.      | -          | -        | -             | 20       | -             | 20       | -             | 0        | -             | 0        | -            | 40       | -              |   |
| g)   | Seminar/Workshop  | Nos      | 82706      | 0        | 0             | 0        | 0             | 1        | 82706         | 0        | 0             | 0        | 0            | 1        | 82706          |   |
|  | Women   | No.      | -          | -        | -             | 0        | -             | 70       | -             | 0        | 0             | 0        | 0            | 70       | -              |   |
|  | Men   | No.      | -          | -        | -             | 0        | -             | 30       | -             | 0        | -             | 0        | -            | 30       | -              |   |
| <b>Sub Total IB &amp; CB {Do not sum Men &amp; Women under CB events</b> |   |          |            | <b>0</b> | <b>822479</b> | <b>0</b> | <b>864322</b> | <b>0</b> | <b>763568</b> | <b>0</b> | <b>286519</b> | <b>0</b> | <b>21840</b> | <b>0</b> | <b>2758800</b> |   |
| <b>3</b>   | <b>Productivity Enhancement - Production system &amp; Micro Enterprises (15%)</b> |          |            |          |               |          |               |          |               |          |               |          |              |          |                |   |
| a)   | Apple Bear Cultivation  | NO       | 44000      | 0        | 0             | 0        | 0             | 35       | 1540000       | 16       | 704000        | 1        | 44000        | 52       | 2288000        |   |

|    |  |   |      |       |        |           |               |           |                |            |                |            |                |           |               |            |                 |
|----|--|---|------|-------|--------|-----------|---------------|-----------|----------------|------------|----------------|------------|----------------|-----------|---------------|------------|-----------------|
|    | b)   | Assam Lemon Cultivation                 | NO   | 44000 | 21     | 924000    | 14            | 616000    | 16             | 704000     | 1              | 44000      | 0              | 0         | 52            | 2288000    |                 |
|    | c)   | Bananna Cultivation                     | NO   | 44000 | 0      | 0         | 8             | 352000    | 3              | 132000     | 24             | 1056000    | 0              | 0         | 35            | 1540000    |                 |
|    | d)   | Fishery                                 | NO   | 44000 | 0      | 0         | 5             | 220000    | 33             | 1452000    | 12             | 528000     | 0              | 0         | 50            | 2200000    |                 |
|    | e)   | Papaya Cultivation (Red Lady)           | NO   | 44000 | 0      | 0         | 35            | 1540000   | 20             | 880000     | 5              | 220000     | 1              | 44000     | 61            | 2684000    |                 |
|    | f)   | Som & Sualo Cultivation                 | NO   | 44000 | 0      | 0         | 0             | 0         | 18             | 792000     | 25             | 1100000    | 14             | 616000    | 57            | 2508000    |                 |
|    | h)   | Chili Cultivation                       | NO   | 44000 | 0      | 0         | 0             | 0         | 0              | 0          | 6              | 264000     | 0              | 0         | 6             | 264000     |                 |
|    | h)   | Weaving Centre                          | NO   | 22000 | 0      | 0         | 1             | 22000     | 0              | 0          | 0              | 0          | 0              | 0         | 1             | 22000      |                 |
|    | <b>Sub-Total PE</b>  |   |      |       |        | <b>21</b> | <b>924000</b> | <b>63</b> | <b>2750000</b> | <b>125</b> | <b>5500000</b> | <b>89</b>  | <b>3916000</b> | <b>16</b> | <b>704000</b> | <b>314</b> | <b>13794000</b> |
| 4  | <b>Enterprise Promotion - Livelihood Activities for Assetless Poor (15%)</b> |   |      |       |        |           |               |           |                |            |                |            |                |           |               |            |                 |
|    | a)   | Broiler Farm                            | NO   | 25000 | 4      | 100000    | 8             | 200000    | 44             | 1100000    | 38             | 950000     | 6              | 150000    | 100           | 2500000    |                 |
|    | b)   | Duckery                                 | NO   | 25000 | 2      | 50000     | 8             | 200000    | 37             | 925000     | 57             | 1425000    | 8              | 200000    | 112           | 2800000    |                 |
|    | c)   | Goatery                                 | NO   | 25000 | 8      | 200000    | 28            | 700000    | 47             | 1175000    | 30             | 750000     | 6              | 150000    | 119           | 2975000    |                 |
|    | d)   | Poultry                                 | NO   | 25000 | 23     | 575000    | 31            | 775000    | 31             | 775000     | 16             | 400000     | 11             | 275000    | 112           | 2800000    |                 |
|    | e)   | Supari Making Unit                      | NO   | 19000 | 0      | 0         | 1             | 19000     | 0              | 0          | 0              | 0          | 0              | 0         | 1             | 19000      |                 |
|    | f)   | Piggery                                 | No   | 25000 | 0      | 0         | 16            | 400000    | 62             | 1550000    | 24             | 600000     | 6              | 150000    | 108           | 2700000    |                 |
|    | <b>Sub-Total LA</b>  |   |      |       |        | <b>37</b> | <b>925000</b> | <b>92</b> | <b>2294000</b> | <b>221</b> | <b>5525000</b> | <b>165</b> | <b>4125000</b> | <b>37</b> | <b>925000</b> | <b>552</b> | <b>13794000</b> |
| 5  | <b>Natural Resource Management (47%)</b>                                     |   |      |       |        |           |               |           |                |            |                |            |                |           |               |            |                 |
|    | <b>I</b>   | <b>WHS (MI Works)</b>                   |      |       |        |           |               |           |                |            |                |            |                |           |               |            |                 |
|    | a)   | Pond                                    | Sqm  | 233   | 133    | 3118472   | 133           | 3118006   | 160            | 3741514    | 401            | 935262     | 401            | 935728    | 5085          | 11848982   |                 |
|    | f)   | RCC Check Dam                           | SQM  | 62700 | 16     | 1003200   | 0             | 0         | 0              | 0          | 0              | 0          | 0              | 0         | 0             | 1003200    |                 |
|    | c)   | Gully Control Project (GCP)             | SQM  | 62700 | 68     | 4263600   | 100           | 6270000   | 16             | 1003200    | 0              | 0          | 0              | 0         | 184           | 11536800   |                 |
|    | <b>II</b>  | <b>Soil Moisture Conservation (SMC)</b> |      |       |        |           |               |           |                |            |                |            |                |           |               |            |                 |
|    | a)   | Agri Bund                               | RM   | 567   | 230    | 1304100   | 500           | 2835000   | 200            | 1134000    | 0              | 0          | 500            | 283500    | 9800          | 5556600    |                 |
|    | b)   | Guide Bund                              | RM   | 567   | 355    | 2012850   | 900           | 510300    | 260            | 1474200    | 160            | 907200     | 700            | 396900    | 9350          | 5301450    |                 |
|    | e)   | Boulder Pitching                        | SQM  | 2380  | 600    | 1428000   | 500           | 1190000   | 0              | 0          | 0              | 0          | 0              | 0         | 1100          | 2618000    |                 |
| f) | Boulder Spur   | RM                                      | 6241 | 100   | 624100 | 0         | 0             | 0         | 0              | 0          | 0              | 0          | 0              | 0         | 624100        |            |                 |

|          |  |  |     |       |     |               |     |                |     |                |     |                  |     |                  |      |                 |
|----------|--|--|-----|-------|-----|---------------|-----|----------------|-----|----------------|-----|------------------|-----|------------------|------|-----------------|
|          | f)   | Channel Cutting  | RM  | 330   | 0   | 0             | 0   | 0              | 100 | 330000         | 630 | 207900           | 0   | 0                | 0    | 537900          |
|          | III  | <b>Vegetative Covers</b>   |     |       |     |               |     |                |     |                |     |                  |     |                  |      |                 |
|          | a)   | Horticulture Plantation  | Hec | 24150 | 3.9 | 959479.5      | 3.2 | 790188         | 4.3 | 1052940        | 2.9 | 708802.5         | 2.8 | 682757.933       | 17.3 | 4194168         |
|          |  |  |     | 0     | 73  |               | 72  |                | 6   |                | 35  |                  | 55  | 6716             |      |                 |
|          |  | <b>Sub Total NRM:</b>  |     |       |     | <b>147138</b> |     | <b>1471349</b> |     | <b>8735854</b> |     | <b>2759164.5</b> |     | <b>2298885.9</b> |      | <b>43221200</b> |
|          |  | <b>02</b>  |     |       |     |               |     |                |     |                |     |                  |     |                  |      |                 |
|          |  | <b>4</b>   |     |       |     |               |     |                |     |                |     |                  |     |                  |      |                 |
|          |  | <b>3</b>   |     |       |     |               |     |                |     |                |     |                  |     |                  |      |                 |
|          |  | <b>0</b>   |     |       |     |               |     |                |     |                |     |                  |     |                  |      |                 |
| <b>6</b> | <b>Natural Resource Management Governance (2%)</b> |  |     |       |     |               |     |                |     |                |     |                  |     |                  |      |                 |
|          |  | <b>Natural Resource Management Governance</b>  |     |       |     |               |     |                |     |                |     |                  |     |                  |      |                 |
|          | <b>I</b>   | <b>Maintenance of Natural Resources Related Assets</b>   |     |       |     |               |     |                |     |                |     |                  |     |                  |      |                 |
|          | a)   | Meeting with the members of Gram Panchayat alongwith PRI members   | No. | 5000  | 6   | 30000         | 6   | 30000          | 6   | 30000          | 6   | 30000            | 0   | 0                | 24   | 120000          |
|          | 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  |     |               | 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. | 1000  | 10  | 100000        | 10  | 100000         | 15  | 150000         | 13  | 130000           |     |                  | 48   | 480000          |
|          | b)   | Training for the Monitoring Exercises  | No. | 1600  | 5   | 80000         | 5   | 80000          | 5   | 80000          | 5   | 80000            |     |                  | 20   | 320000          |
|          |  |  |     | 0     |     |               |     |                |     |                |     |                  |     |                  |      |                 |
|          | <b>III</b>   | <b>Protection and Regulation/ Regeneration of Common Lands (For the protection of the upper reaches of the watershed slopes)</b> |     |       |     |               |     |                |     |                |     |                  |     |                  |      |                 |



|    |  |   |            |          |          |                 |          |                 |          |                 |          |                 |          |                |             |                 |
|----|--|---|------------|----------|----------|-----------------|----------|-----------------|----------|-----------------|----------|-----------------|----------|----------------|-------------|-----------------|
|    | a)   | Meeting with Departmental Officers & staff of Forest, Agriculture, Veterinary etc. for protection & regeneration/ regulation in upper reaches of the watershed slope. | No.        | 5000     | 15       | 75000           | 15       | 75000           | 11       | 55000           | 15       | 75000           |          | 56             | 280000      |                 |
|    | b)   | Formation of User's Group & Mobility  | No.        | 3000     | 40       | 120000          | 30       | 90000           | 20       | 60000           | 20       | 60000           |          | 110            | 330000      |                 |
|    | c)   | Formation of Vouluntary Organization & Mobility   | No.        | 2653     | 15       | 39800           | 15       | 39799.99<br>995 | 15       | 39799.99<br>995 | 15       | 39799.99995     |          | 60             | 159199.9998 |                 |
|    | <b>Sub Total of Natural Resource Management Governance</b> |   | <b>Rs.</b> | <b>-</b> | <b>-</b> | <b>459800</b>   | <b>-</b> | <b>459800</b>   | <b>-</b> | <b>459800</b>   | <b>-</b> | <b>459800</b>   | <b>-</b> | <b>0</b>       | <b>348</b>  | <b>1839200</b>  |
|    | <b>Administration (10%)</b>                                |   |            |          |          |                 |          |                 |          |                 |          |                 |          |                |             |                 |
| 7  | a)   | WC office expenditure   | Rs.        | 48000    | 4        | 192000          | 4        | 192000          | 4        | 192000          | 4        | 192000          | 4        | 192000         | 20          | 960000          |
|    | b)   | WS secretary Salary   | Rs         | 96000    | 4        | 384000          | 4        | 384000          | 4        | 384000          | 4        | 384000          | 4        | 384000         | 20          | 1920000         |
|    | c)   | Stationary & miscillaneous  | Rs.        |          |          | 1263200         |          | 1263200         |          | 1263200         |          | 1263200         |          | 1263200        | 0           | 6316000         |
|    | <b>Sub Total of Administration:</b>                        |   |            |          |          | <b>1839200</b>  | <b>8</b> | <b>1839200</b>  | <b>8</b> | <b>1839200</b>  | <b>8</b> | <b>1839200</b>  | <b>8</b> | <b>1839200</b> |             | <b>9196000</b>  |
|    | <b>Monitoring Cost and Evaluation (2%)</b>                 |   |            |          |          |                 |          |                 |          |                 |          |                 |          |                |             |                 |
| 8  | a)   | Monitoring and Evaluation   | Rs.        |          |          | 0               |          | 459800          |          | 459800          |          | 459800          |          | 459800         |             | <b>1839200</b>  |
|    | <b>Sub Total of Monitoring and Evaluation:</b>             |   |            |          |          |                 |          | <b>459800</b>   |          | <b>459800</b>   |          | <b>459800</b>   |          | <b>459800</b>  |             | <b>1839200</b>  |
|    | <b>DPR (1%)</b>  |   |            |          |          |                 |          |                 |          |                 |          |                 |          |                |             |                 |
| 9  | a)   | DPR Preparation   | Rs.        |          |          | 919600          |          |                 |          |                 |          |                 |          |                |             | 919600          |
|    | <b>Sub Total of DPR</b>                                    |   |            |          |          | <b>919600</b>   |          |                 |          |                 |          |                 |          |                |             | <b>919600</b>   |
|    | <b>Consolidation (3%)</b>                                  |   |            |          |          |                 |          |                 |          |                 |          |                 |          |                |             |                 |
| 10 | a)   | Consolidation   | Rs.        |          |          |                 |          |                 |          |                 |          |                 |          | <b>2758800</b> |             | <b>2758800</b>  |
|    | <b>Sub Total of Consolidation</b>                          |   |            |          |          |                 |          |                 |          |                 |          |                 |          | <b>2758800</b> |             | <b>2758800</b>  |
|    | <b>Grand Total</b>   |   |            |          |          | <b>22443081</b> |          | <b>23380616</b> |          | <b>23283222</b> |          | <b>13845483</b> |          | <b>9007526</b> |             | <b>91960000</b> |

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

| S.No. | Name of the activity              | Total Cost (Rs.) | Total Benefit expected * (Rs.) | BCR  | Remarks |
|-------|-----------------------------------|------------------|--------------------------------|------|---------|
| 1     | EPA                               | 1839200          | 2023120                        | 1.10 |         |
| 2     | NRM                               | 43221200         | 63102952                       | 1.46 |         |
| 3     | Prpductivity Enhancement          | 13794000         | 23449800                       | 1.70 |         |
| 4     | Livelihood for Asset less         | 13794000         | 24829200                       | 1.80 |         |
| 5     | Institution and Capacity building | 2758800          | 3310560                        | 1.20 |         |
| 6     | Overall                           | 75407200         | 116715632                      | 1.55 |         |

## Chapter 8

### Consolidation and completion of various works

**The consolidation phase will include the following -**

- (i) Completion and consolidation of all the planned works and activities.
- (ii) Documentation of experiences of the farmers and identified champion farmers which can be used to scale up the practices to larger areas.
- (iii) Documentation of successful experiences and lessons learnt are useful for course correction and continuous improvement in the quality of implementation. Social media will be activated to achieve wider dissemination.
- (iv) Evaluation of project to find out the expected outcomes.
- (v) The natural resource assets created (along with the existing ones) should be visited and assessed by the WC. These NRM assets are to be maintained by tapping different sources of funds.

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

| Component  | Fund Allocation by Year (Rs. In Lakh) |                 |               |               |                         | Total in Rs. In Lakh |
|--|---------------------------------------|-----------------|---------------|---------------|-------------------------|----------------------|
|  | Phase -I: Preparatory                 | Phase- II: Work |               |               | Phase-III Consolidation |                      |
|  | 1st Year                              | 2nd Year        | 3rd Year      | 4th Year      | 5th Year                |                      |
| Administrative   | 18.39                                 | 18.39           | 18.39         | 18.39         | 18.39                   | <b>91.96</b>         |
| Monitoring   | 0.00                                  | 4.60            | 4.60          | 4.60          | 4.60                    | <b>18.39</b>         |
| Entry point Activities   | 18.39                                 | 0.00            | 0.00          | 0.00          | 0.00                    | <b>18.39</b>         |
| Institution & Capacity building  | 13.79                                 | 4.60            | 4.60          | 2.30          | 2.30                    | <b>27.59</b>         |
| DPR  | 9.20                                  | 0.00            | 0.00          | 0.00          | 0.00                    | <b>9.20</b>          |
| Natural Resource Management  | 147.14                                | 147.14          | 87.36         | 27.59         | 22.99                   | <b>432.2120</b>      |
| Production System  | 9.20                                  | 27.59           | 55.18         | 39.08         | 6.90                    | <b>137.94</b>        |
| Natural Resource Management & Governance   | 4.60                                  | 4.60            | 4.60          | 4.60          | 0.00                    | <b>18.39</b>         |
| Livelihood Activities for the asset less persons Micro Enterprise & Business Development | 9.20                                  | 22.99           | 55.18         | 41.38         | 9.20                    | <b>137.94</b>        |
| Consolidation  | 0.00                                  | 0.00            | 0.00          | 0.00          | 27.59                   | <b>27.59</b>         |
| <b>TOTAL</b>   | <b>229.90</b>                         | <b>229.90</b>   | <b>229.90</b> | <b>137.94</b> | <b>91.96</b>            | <b>919.60</b>        |

## CHAPTER – 9

### EXPECTED OUTCOMES

#### 9.1 Describe in detail the “Expected Outcomes”

| 1      | 2   | 3                   | 4   | 5   | 6  |
|--------|---|---------------------|---|---|--|
| S. No. | Item  | Unit of measurement | Pre-project Status  | Expected Post-project Status                  | Remarks  |
| 1      | Status of water table (Depth to Ground water level) | Meters              | Ridge area- 7 Mtr<br>Middle - 4 - 5 Mtr<br>Valley - 2 Mtr   | Avg. 4 Mtr.                                   | Varies 2 mtr to 7 mtr. The expected post project status will be -<br>Ridge area- 4mtr. to 5 Mtr.<br>Middle- 2 mtr. to 3 Mtr.<br>Valley 1 Mtr. to 2 Mtr |
| 2      | Ground water structures repaired/ rejuvenated       | No.                 | Nill  | NA  | The proposed Water Harvesing structure like RCC check Dam, GCP, Pond will aid to improve the ground water level  |
| 3      | Quality of drinking water                           | Description         | <ul style="list-style-type: none"> <li>• High Iron Content</li> <li>• Arsenic concentration within the permissible limit</li> </ul> | Iron content will be within permissible level | -  |
| 4      | Availability of drinking water                      | Description         | There is a shortfall of 19141 Ltr per day   | Will cover all village                        | Will supply pipe water potable drinking water supply to each household under Jal Jeevan Mission (on Convergence)                                       |

| 1      | 2  | 3                        | 4                              | 5                            | 6   |   |
|--------|--|--------------------------|--------------------------------|------------------------------|---|---|
| S. No. | Item                                       | Unit of measurement      | Pre-project Status             | Expected Post-project Status | Remarks   |   |
| 5      | Increase in irrigation potential           | Hec.                     | 964                            | 1464                         | 500 Ha of new area will be developed for assured irrigation   |   |
| 6      | Change in cropping/ land use pattern       | Description              | 4024 Ha area under Single Crop | Double Crop/Multi Crop       | Pre project there is 4024 ha 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.                           | 4025                         | 0   | - |
|        | li   | Area under double crop   | Hec.                           | 964                          | 4998  | - |
|        | iii  | Area under multiple crop | Hec.                           | 0                            | 964   | - |
| 8      | Net increase in crop production area       | Hec.                     | 5953                           | 9996                         | -   |   |
| 9      | Increase in area under Vegetation/Forest   | Hec.                     | -                              | -                            | -   |   |
| 10     | Increase in area under horticulture        | Hec.                     |                                | 17.00 Ha                     | Proposed Horticulture Plantation  |   |
| 11     | Increase in area under fuel                | Hec.                     | NA                             | NA                           | -   |   |
| 12     | Increase in area under Fodder              | Hec.                     | NA                             | NA                           | -   |   |
| 13     | Increase in milk production                | Litres/day               | NA                             | 200                          |   |   |
| 14     | Environmental Impact                       |                          | 10 Ton/Ha                      | 4 Ton/Ha                     | -   |   |
|        | Change in Soil Loss                        |                          |                                |                              |   |   |
|        | Perenniality of flow and change in Run-off |                          |                                |                              |   |   |

| 1      | 2                              | 3  | 4                  | 5                               | 6                  |
|--------|--------------------------------|--|--------------------|---------------------------------|--------------------|
| S. No. | Item                           | Unit of measurement  | Pre-project Status | Expected Post-project Status    | Remarks            |
|        | Recharge of ground water       |  |                    |                                 |                    |
| 14     | No. of SHGs Promoted           | No.  | 153                | 552                             | 399 New SHG formed |
| 15     | Increase in no. of livelihoods | No.  | NA                 | 552                             |                    |
| 16     | Increase in income             | Rs.  | NA                 | 70000/- per Family              |                    |
| 17     | Status of Migration            | No.  | 1066               | 300                             |                    |
| 18     | SHG Federations formed         | No.  | NA                 | 35                              |                    |
| 19     | Credit linkage with banks      | Rs.  | NA                 | 552                             |                    |
| 20     | Resource use agreements        |  | NA                 | NA                              |                    |
| 21     | WDF collection & management    | Rs.  | NA                 | Average Rs.7,35,690/- per annum | -                  |
| 22     | Summary of lessons learnt      | The ground water level in the ridge area is almost more than 7 mtr which can be reduce to average 4 mtr. Almost 50 numbers of new intervention proposed under water harvesting which will developed the ground water status as well as irrigated area of the watershed. Almost 314 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   |

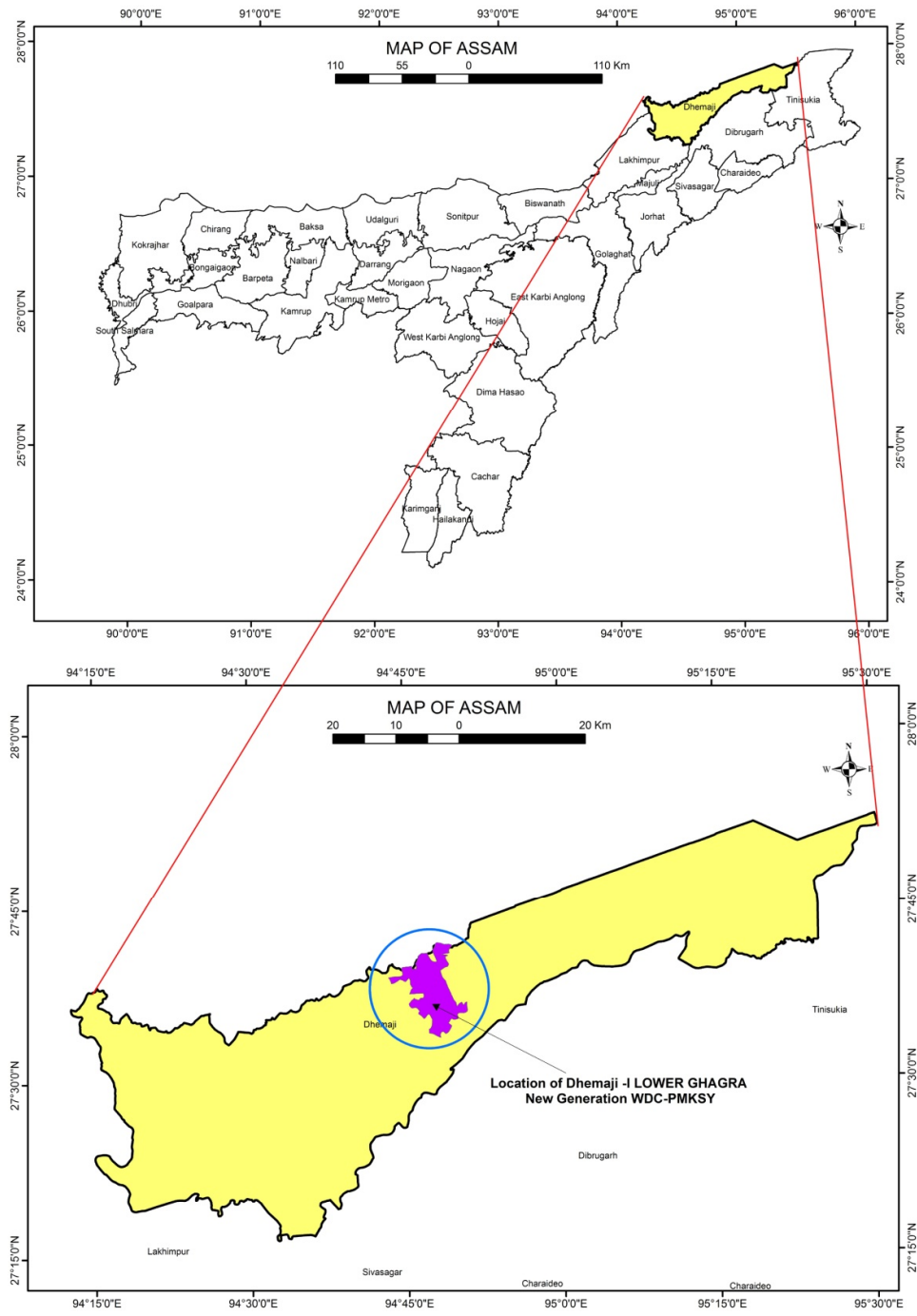
| <b>Type of Marketing Facility</b>       | <b>Name of the institution</b> | <b>Pre-project (no.)</b> | <b>Expected post project status</b>   |
|---|--------------------------------|--------------------------|---|
| (v) Markets / Mandis                    | Local committee, Cooperative   | No                       | 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. |

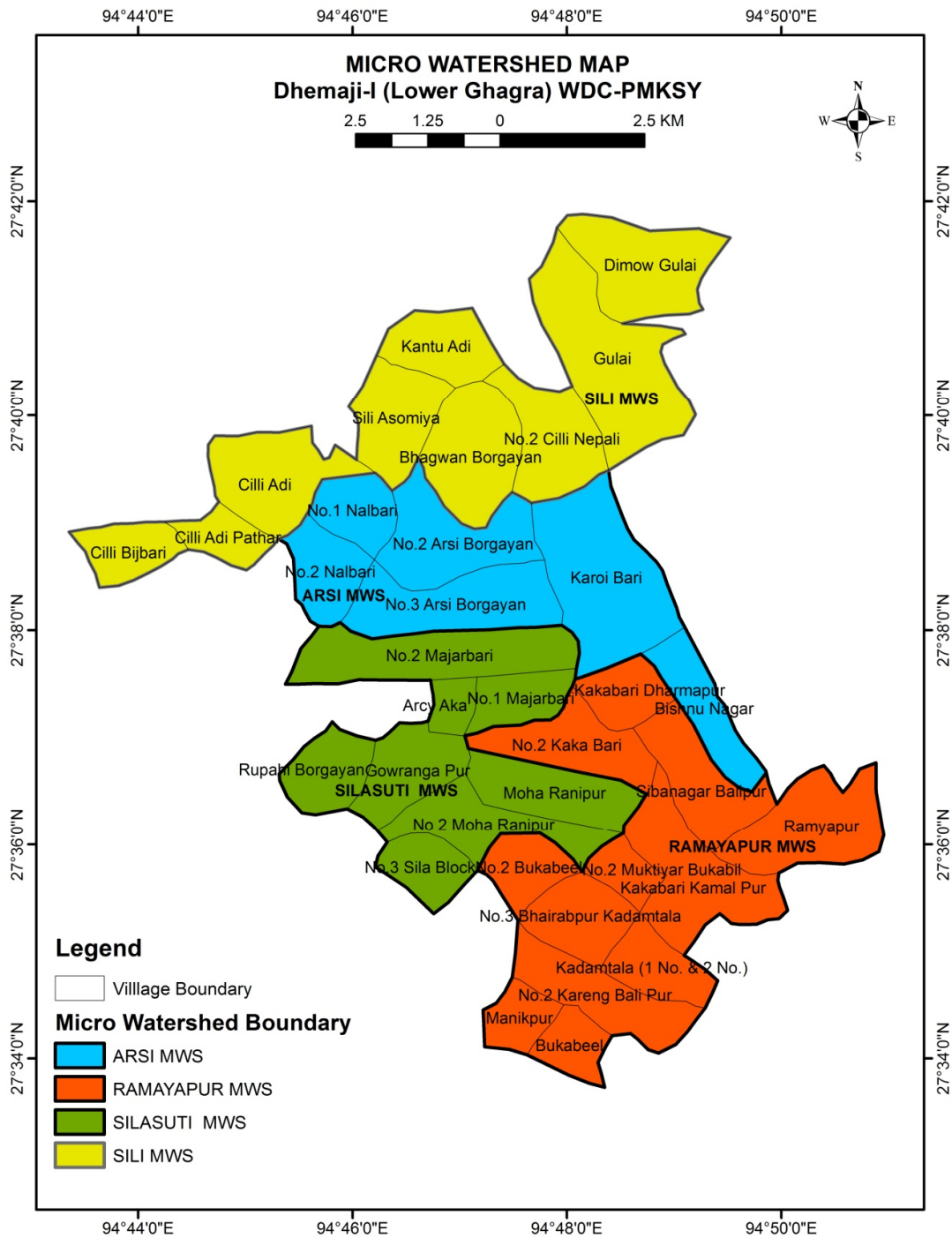


# MAPS

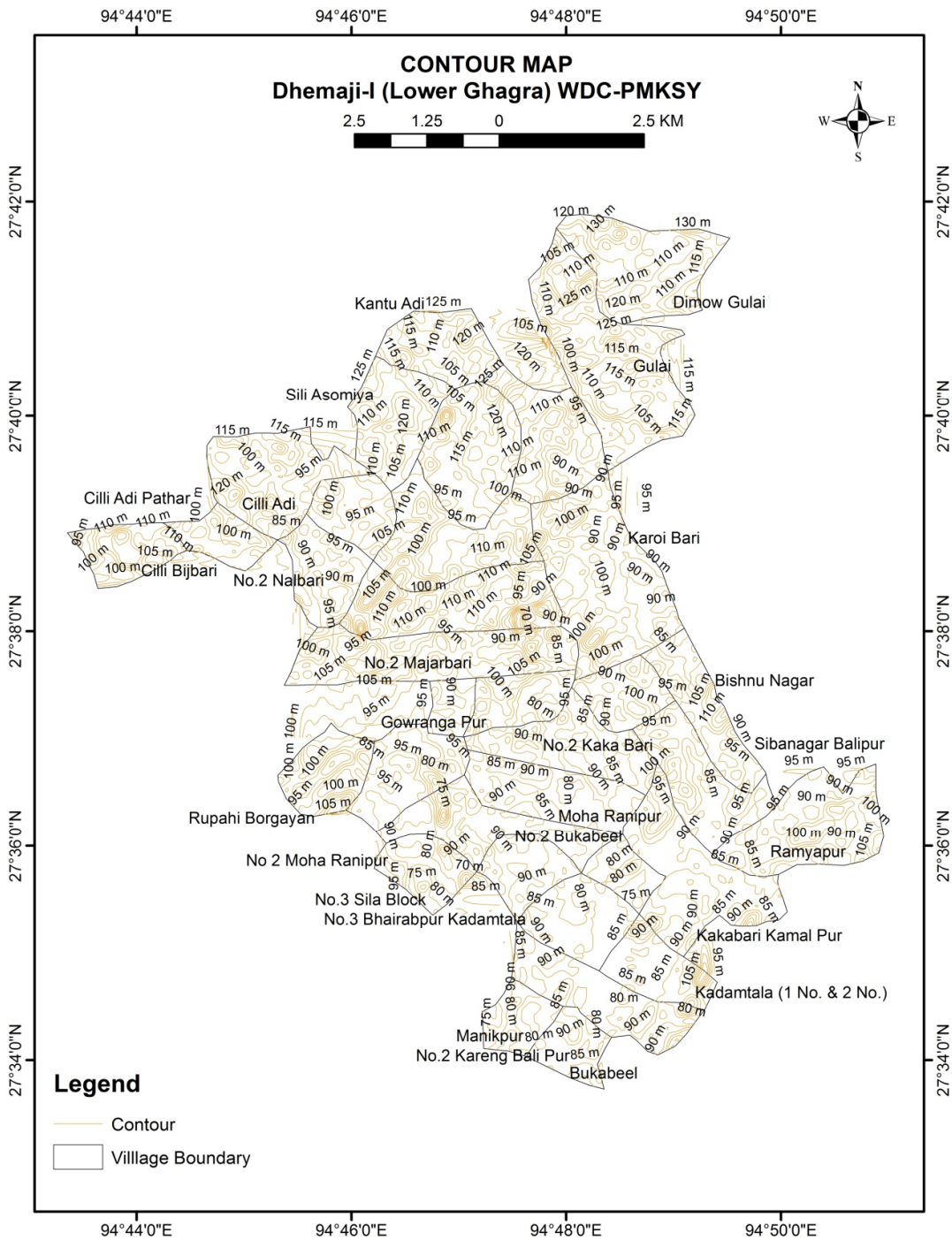
## Location Map

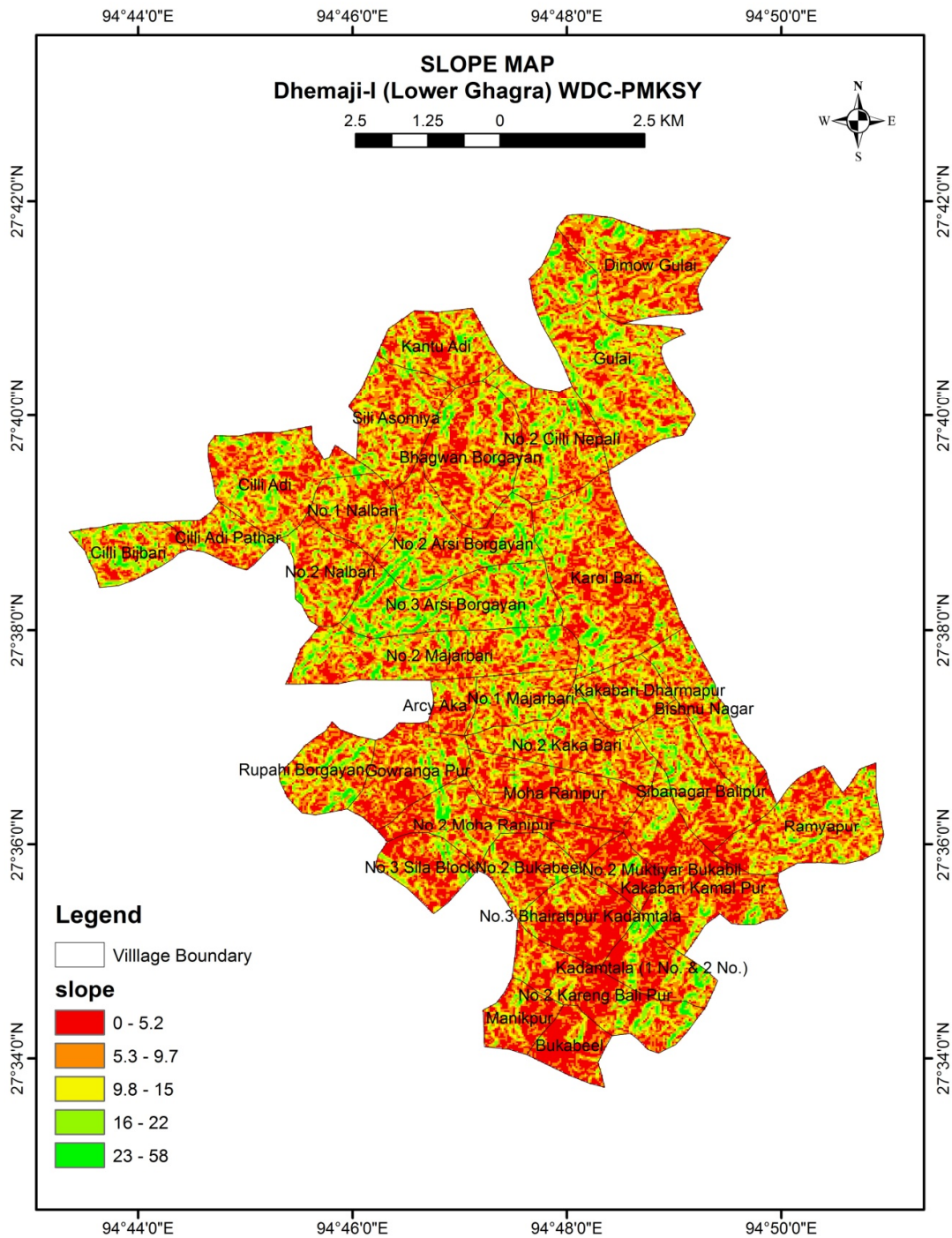
### Dhemaji -I LOWER GHAGRA New Generation WDC-PMKSY





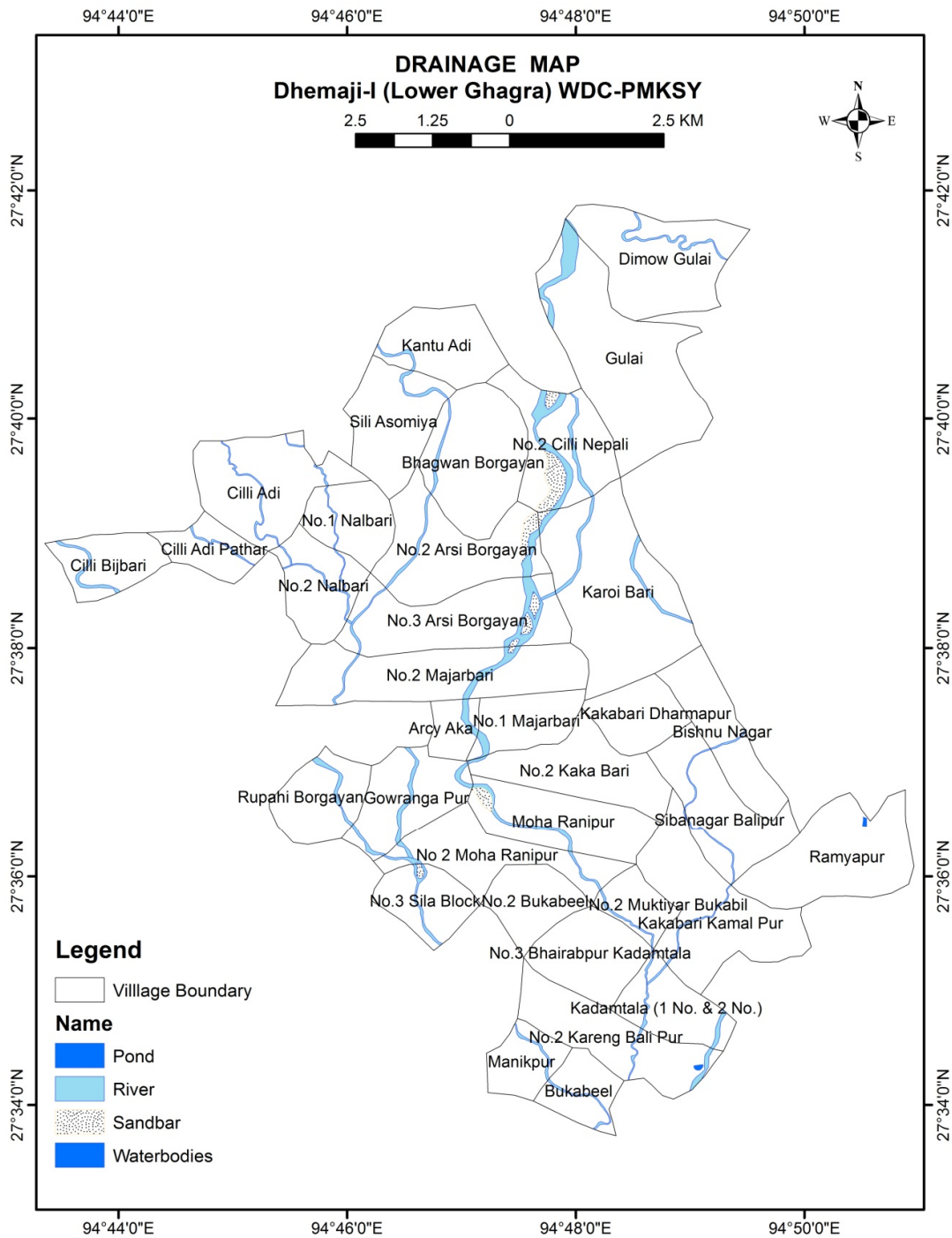
Source: Village Boundary, Census of India



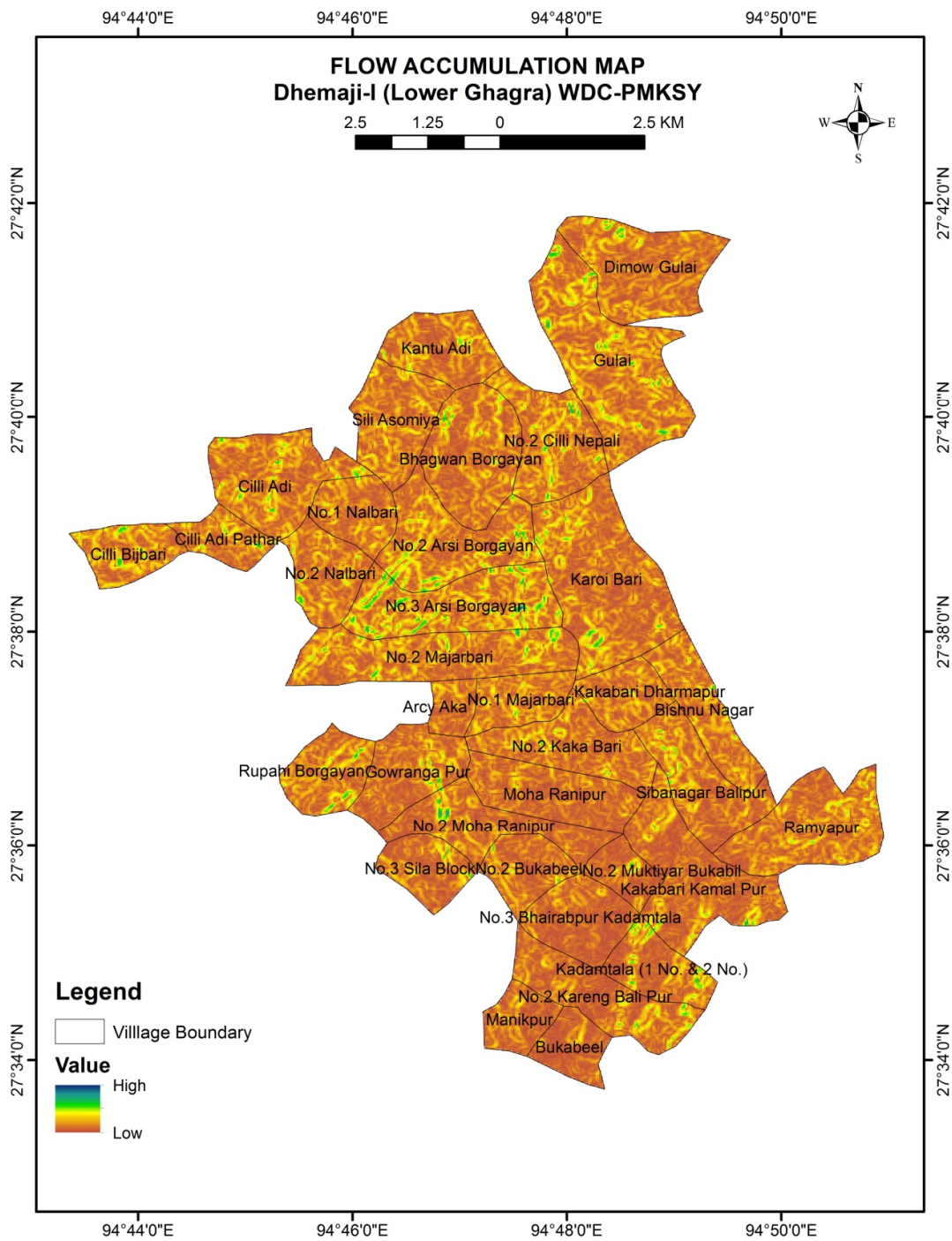


Source: Created from DEM (Cartosat-1, Carto DEM Ver 3-R1)

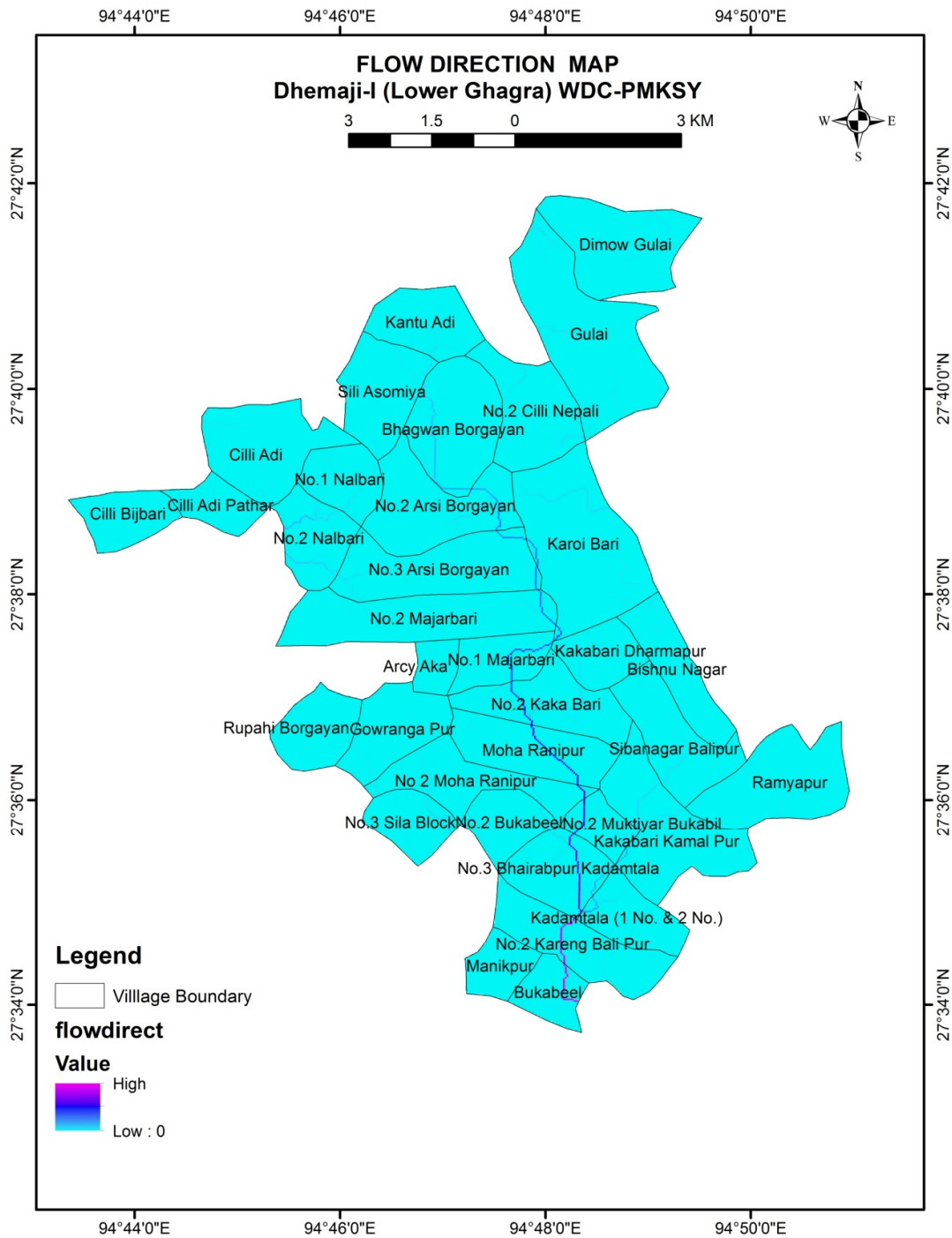




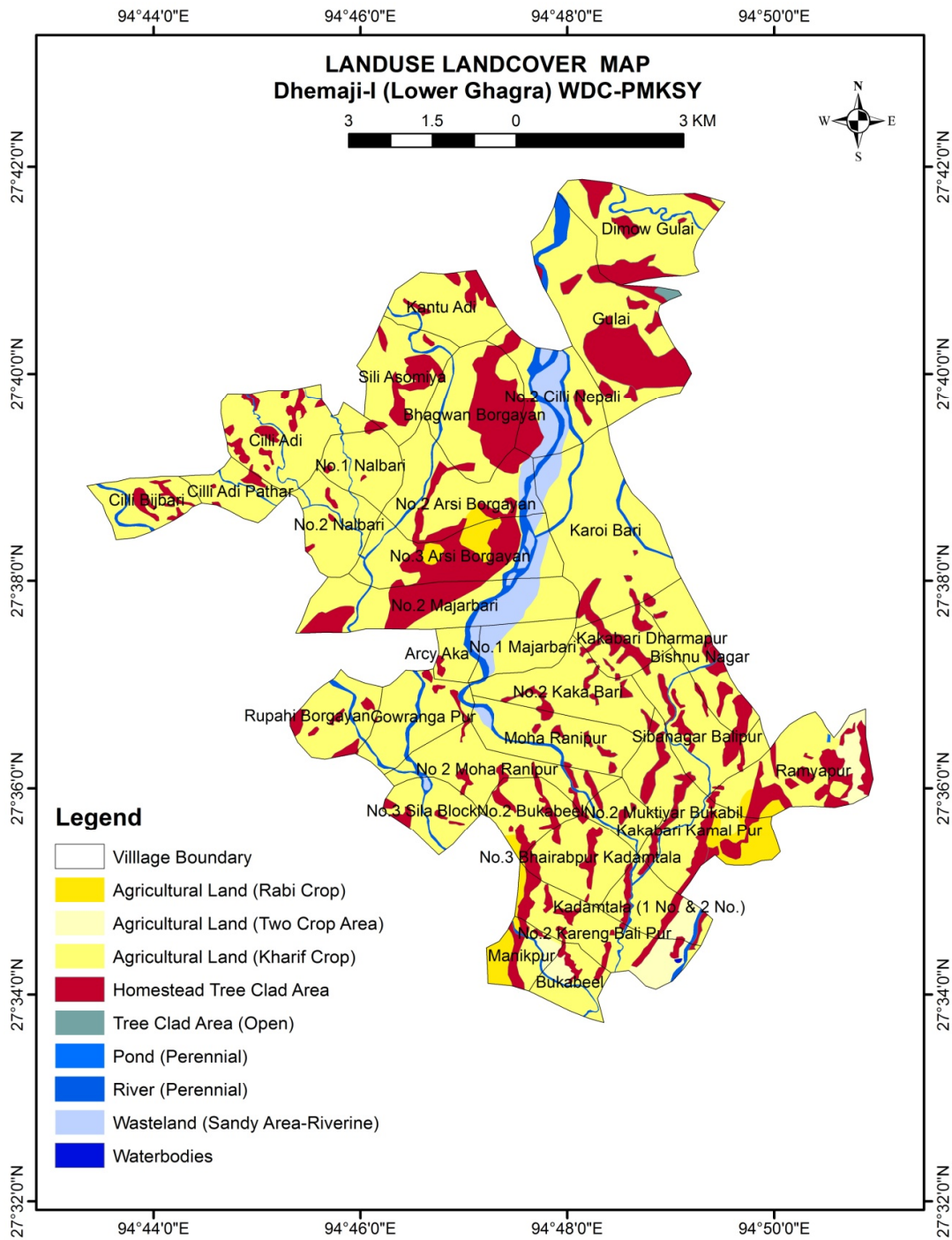
Source: Resourceset-2:Liss-III (Dec, 2019) & Toposheet



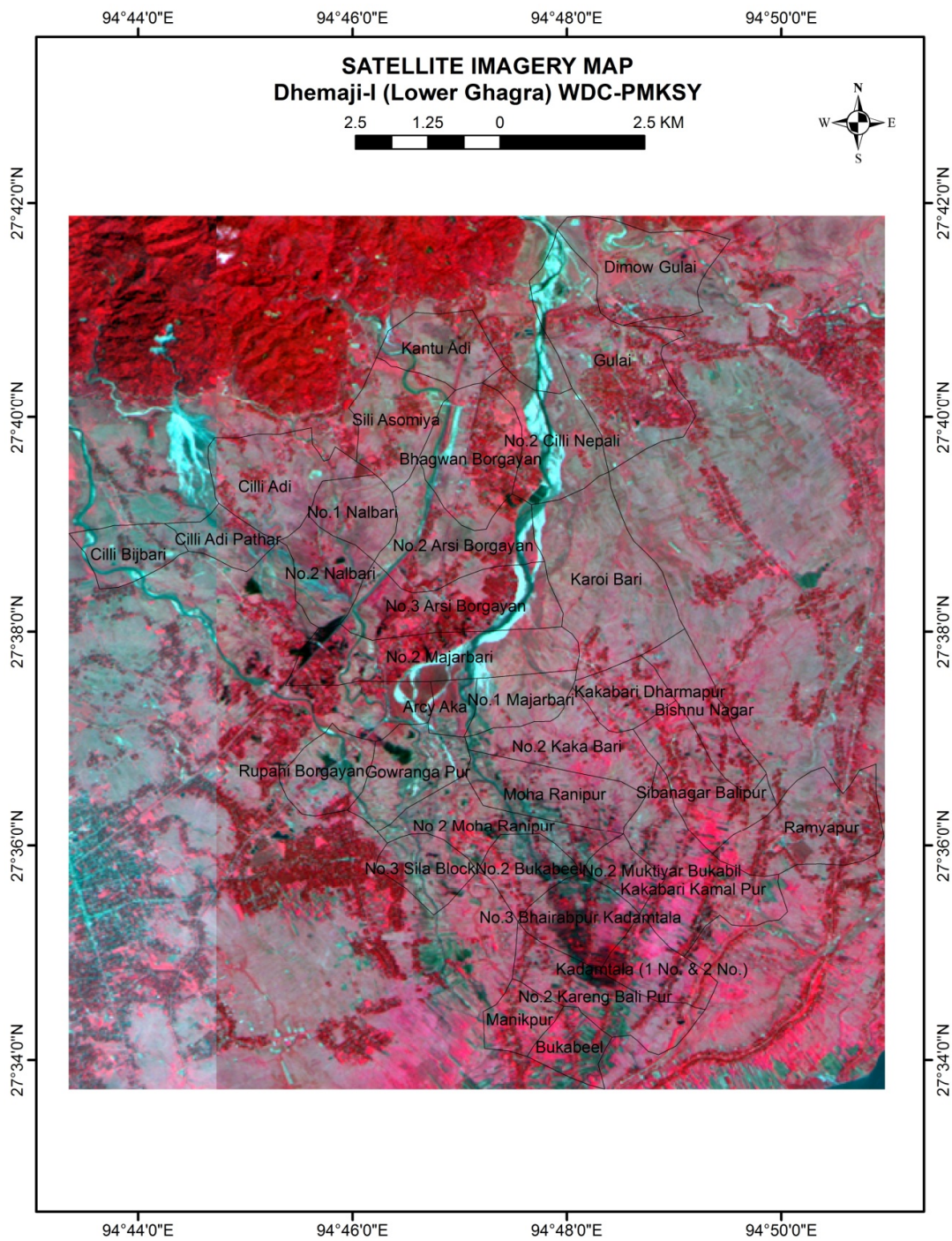
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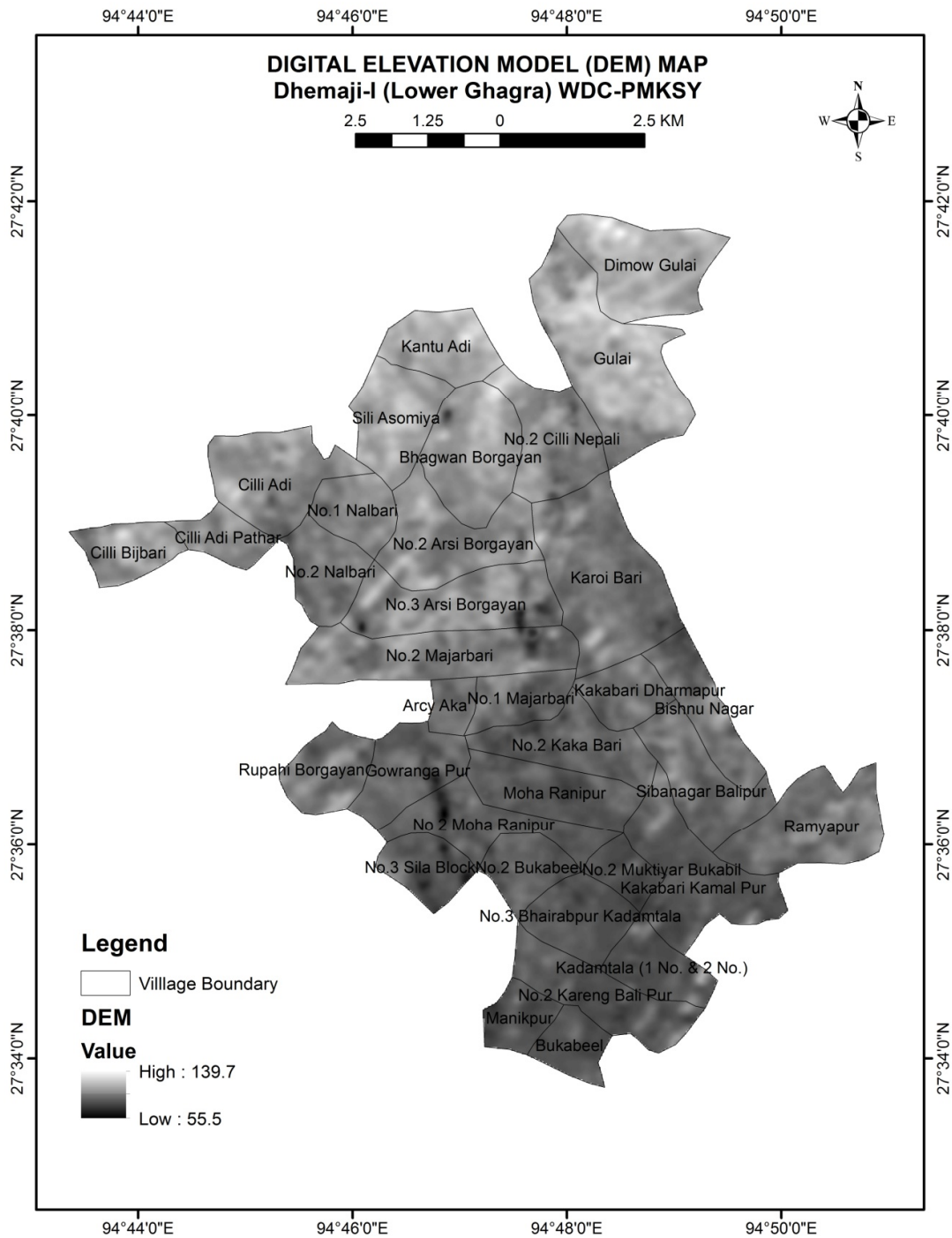
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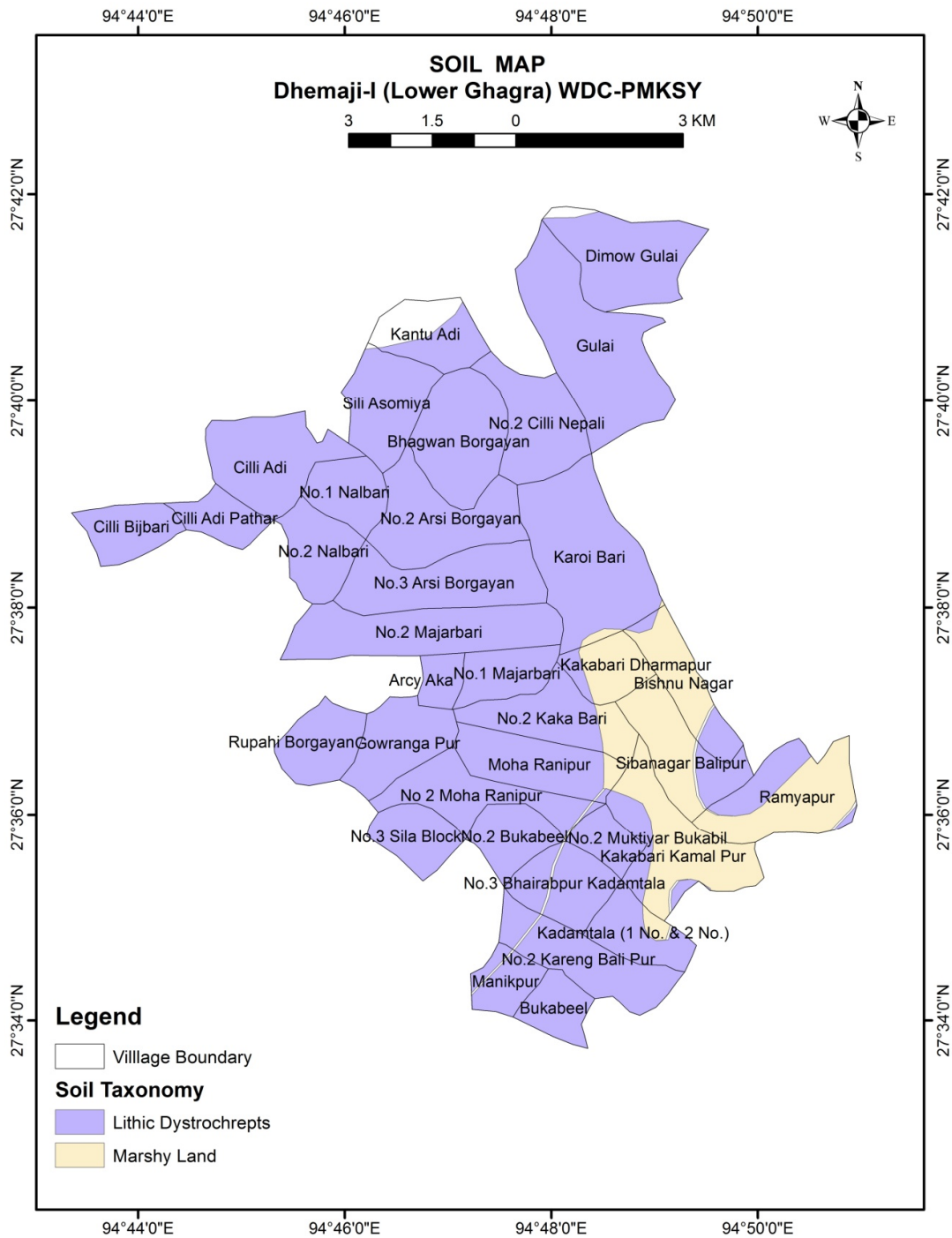




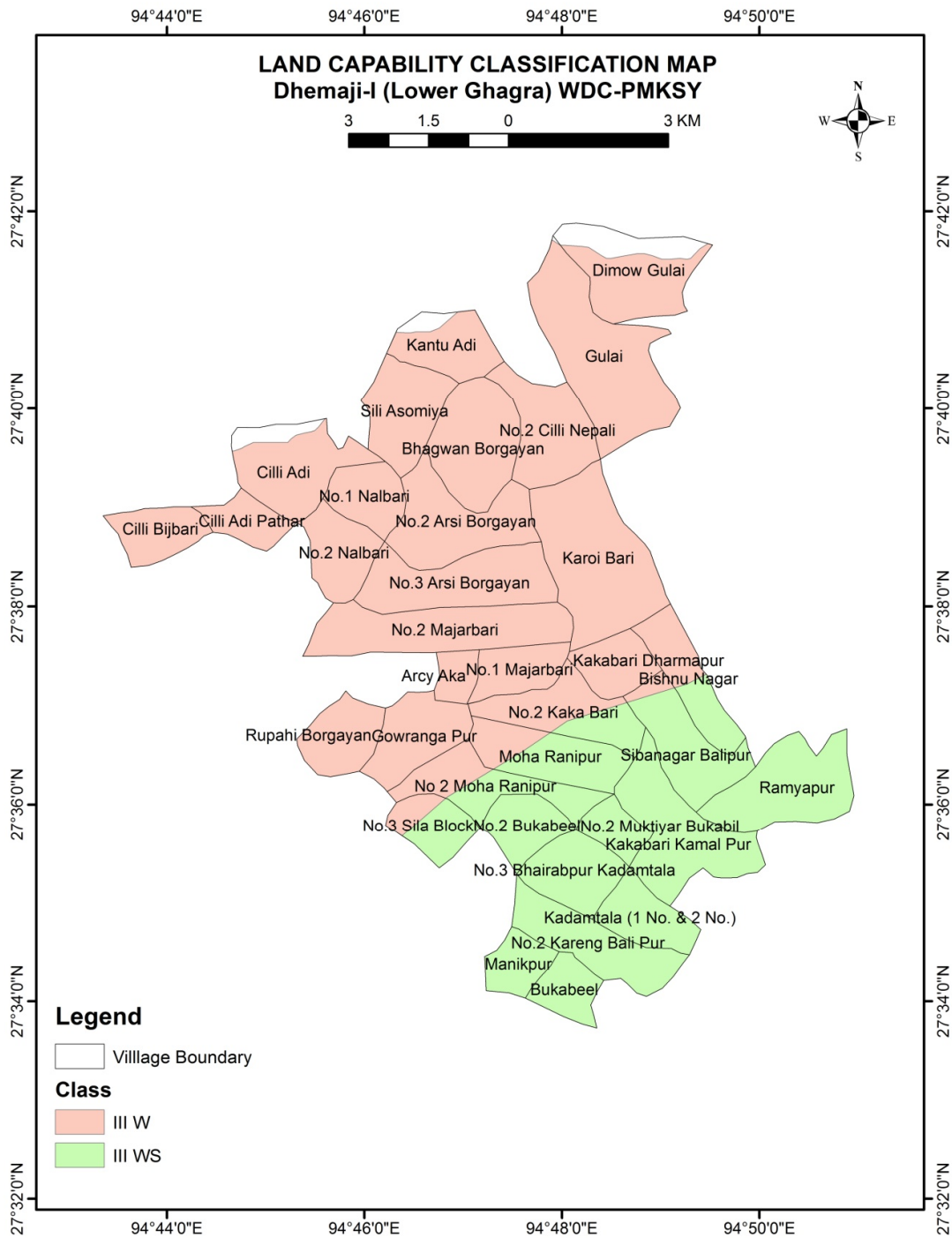
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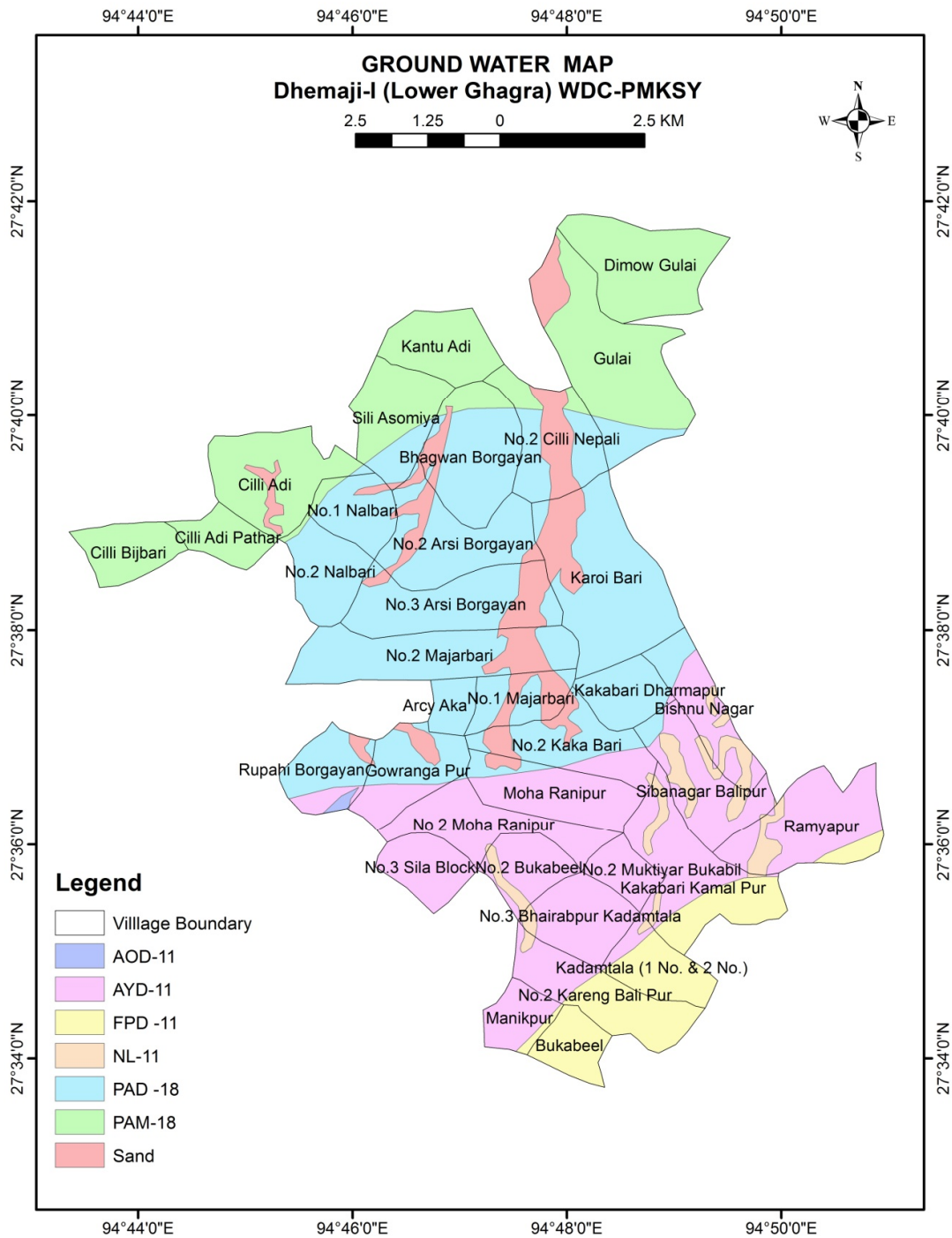


Source: NBSS

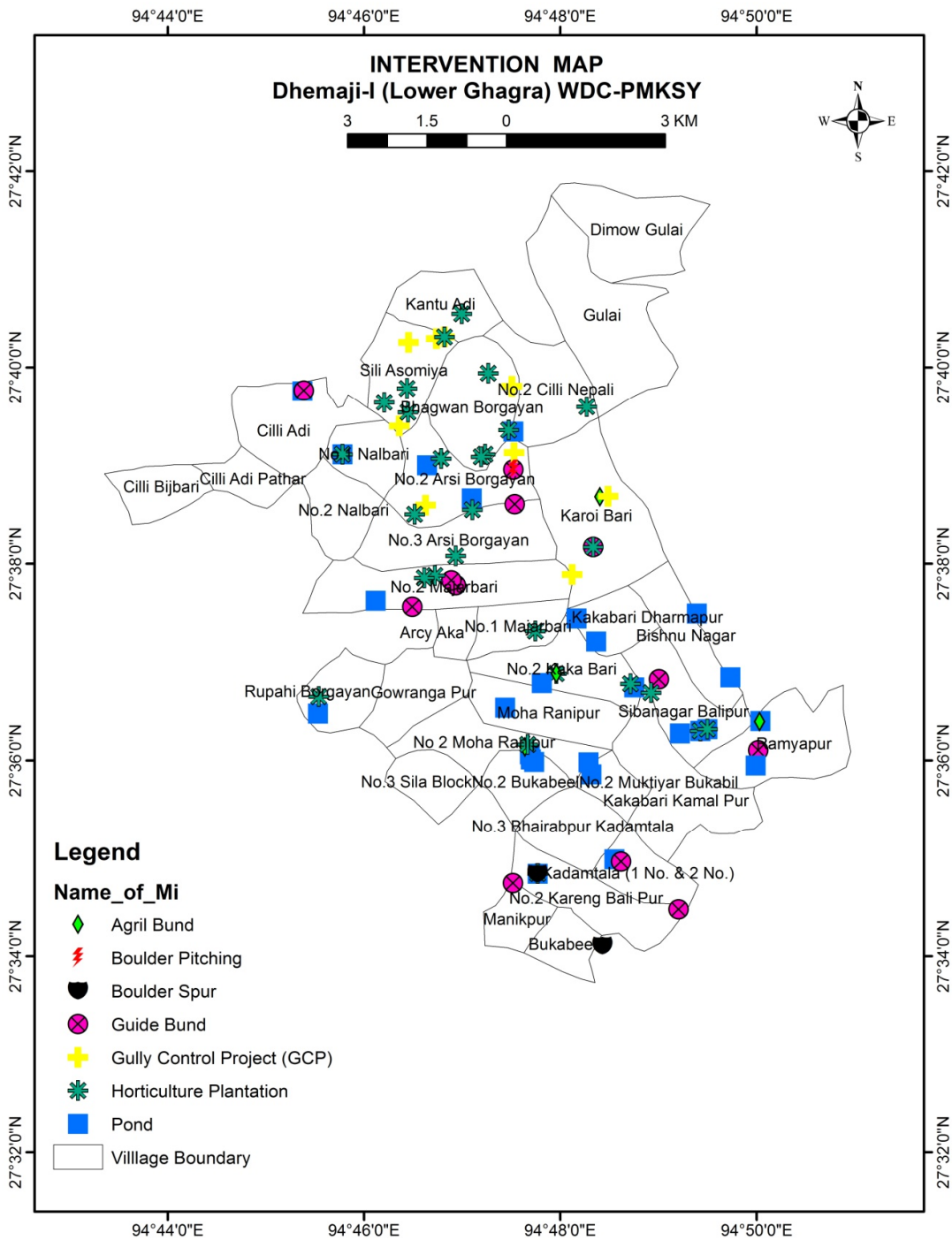


Source: NBSS





Source: CGWB- Assam, & NRSC



### Annexure-1: Village wise proposed intervention under Production System

| Name of Micro Watershed       |      | SILI MWS          |       |      |          |      |          |      |          |      |          |      |          |      |  |
|-------------------------------|------|-------------------|-------|------|----------|------|----------|------|----------|------|----------|------|----------|------|--|
| Name of Village               |      | Dimow Gulai       |       |      |          |      |          |      |          |      |          |      |          |      |  |
| 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             | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |  |
| Apple Bear Cultivation        | NO   | 44000             | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Assam Lemon Cultivation       | NO   | 44000             | 1     | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |  |
| Papaya Cultivation (Red Lady) | NO   | 44000             | 2     | 0.88 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Som & Sualo Cultivation       | NO   | 44000             | 2     | 0.88 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 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       |      | SILI MWS          |       |      |          |      |          |      |          |      |          |      |          |      |  |
| Name of Village               |      | Gulai             |       |      |          |      |          |      |          |      |          |      |          |      |  |
| 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 | 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 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 |  |
| Assam Lemon Cultivation       | NO   | 44000             | 2     | 0.88 | 1        | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Papaya Cultivation (Red Lady) | NO   | 44000             | 2     | 0.88 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Som & Sualo 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             | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |  |
| Name of Micro Watershed       |      | SILI MWS          |       |      |          |      |          |      |          |      |          |      |          |      |  |
| Name of Village               |      | No.2 Cilli Nepali |       |      |          |      |          |      |          |      |          |      |          |      |  |
| 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 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Apple Bear Cultivation        | NO   | 44000             | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Assam Lemon Cultivation       | NO   | 44000             | 1     | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |  |
| Papaya Cultivation (Red Lady) | NO   | 44000             | 2     | 0.88 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |

| Som & Sualo 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         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |  |
| <b>Name of Micro Watershed</b> | <b>SILI MWS</b>         |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| <b>Name of Village</b>         | <b>Bhagwan borgayan</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 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Apple Bear Cultivation         | NO                      | 44000         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Assam Lemon Cultivation        | NO                      | 44000         | 1     | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |  |
| Papaya Cultivation (Red Lady)  | NO                      | 44000         | 2     | 0.88 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |  |
| Som & Sualo 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         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |  |
| <b>Name of Micro Watershed</b> | <b>SILI MWS</b>         |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| <b>Name of Village</b>         | <b>Kantu Adi</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 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Apple Bear Cultivation         | NO                      | 44000         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Assam Lemon Cultivation        | NO                      | 44000         | 1     | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |  |
| Papaya Cultivation (Red Lady)  | NO                      | 44000         | 2     | 0.88 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Som & Sualo 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         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |  |
| <b>Name of Micro Watershed</b> | <b>SILI MWS</b>         |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| <b>Name of Village</b>         | <b>Sili Asomiya</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 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Apple Bear Cultivation         | NO                      | 44000         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Assam Lemon Cultivation        | NO                      | 44000         | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |  |
| Papaya Cultivation (Red Lady)  | NO                      | 44000         | 2     | 0.88 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |  |
| Som & Sualo 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         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |
|--------------------------------|-------------------------|---------------|-------|------|----------|------|----------|------|----------|------|----------|------|----------|------|
| <b>Name of Micro Watershed</b> | <b>SILI MWS</b>         |               |       |      |          |      |          |      |          |      |          |      |          |      |
| <b>Name of Village</b>         | <b>Cilli Adi</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 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Apple Bear Cultivation         | NO                      | 44000         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Assam Lemon Cultivation        | NO                      | 44000         | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |
| Papaya Cultivation (Red Lady)  | NO                      | 44000         | 2     | 0.88 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Som & Sualo Cultivation        | NO                      | 44000         | 2     | 0.88 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 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 |
| <b>Name of Micro Watershed</b> | <b>SILI MWS</b>         |               |       |      |          |      |          |      |          |      |          |      |          |      |
| <b>Name of Village</b>         | <b>Cilli Adi Pathar</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 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Apple Bear Cultivation         | NO                      | 44000         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Assam Lemon Cultivation        | NO                      | 44000         | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |
| Papaya Cultivation (Red Lady)  | NO                      | 44000         | 2     | 0.88 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Som & Sualo Cultivation        | NO                      | 44000         | 2     | 0.88 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 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 |
| <b>Name of Micro Watershed</b> | <b>SILI MWS</b>         |               |       |      |          |      |          |      |          |      |          |      |          |      |
| <b>Name of Village</b>         | <b>Cilli Bijbari</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 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Apple Bear Cultivation         | NO                      | 44000         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Assam Lemon Cultivation        | NO                      | 44000         | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |
| Papaya Cultivation (Red Lady)  | NO                      | 44000         | 2     | 0.88 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Som & Sualo Cultivation        | NO                      | 44000         | 2     | 0.88 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 |
| Bananna Cultivation            | NO                      | 44000         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |

| <b>SUB TOTAL</b>               |                           |                      | <b>74.00</b> | <b>32.56</b> | <b>5.00</b>     | <b>2.20</b> | <b>15.00</b>    | <b>6.60</b> | <b>29.00</b>    | <b>12.76</b> | <b>20.00</b>    | <b>8.80</b> | <b>5.00</b>     | <b>2.20</b> |
|--------------------------------|---------------------------|----------------------|--------------|--------------|-----------------|-------------|-----------------|-------------|-----------------|--------------|-----------------|-------------|-----------------|-------------|
| <b>Name of Micro Watershed</b> | <b>ARSI MWS</b>           |                      |              |              |                 |             |                 |             |                 |              |                 |             |                 |             |
| <b>Name of Village</b>         | <b>Karoi Bari</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        | 1               | 0.44         | 1               | 0.44        | 0               | 0.00        |
| Apple Bear Cultivation         | NO                        | 44000                | 2            | 0.88         | 0               | 0.00        | 0               | 0.00        | 1               | 0.44         | 1               | 0.44        | 0               | 0.00        |
| Assam Lemon Cultivation        | NO                        | 44000                | 2            | 0.88         | 1               | 0.44        | 0               | 0.00        | 1               | 0.44         | 0               | 0.00        | 0               | 0.00        |
| Papaya Cultivation (Red Lady)  | NO                        | 44000                | 2            | 0.88         | 0               | 0.00        | 1               | 0.44        | 1               | 0.44         | 0               | 0.00        | 0               | 0.00        |
| Som & Sualo Cultivation        | NO                        | 44000                | 2            | 0.88         | 0               | 0.00        | 0               | 0.00        | 1               | 0.44         | 1               | 0.44        | 0               | 0.00        |
| Bananna Cultivation            | NO                        | 44000                | 1            | 0.44         | 0               | 0.00        | 1               | 0.44        | 0               | 0.00         | 0               | 0.00        | 0               | 0.00        |
| <b>Name of Micro Watershed</b> | <b>ARSI MWS</b>           |                      |              |              |                 |             |                 |             |                 |              |                 |             |                 |             |
| <b>Name of Village</b>         | <b>No.3 Arsi Borgayan</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        | 1               | 0.44         | 1               | 0.44        | 0               | 0.00        |
| Apple Bear Cultivation         | NO                        | 44000                | 2            | 0.88         | 0               | 0.00        | 0               | 0.00        | 1               | 0.44         | 1               | 0.44        | 0               | 0.00        |
| Assam Lemon Cultivation        | NO                        | 44000                | 2            | 0.88         | 1               | 0.44        | 0               | 0.00        | 1               | 0.44         | 0               | 0.00        | 0               | 0.00        |
| Papaya Cultivation (Red Lady)  | NO                        | 44000                | 2            | 0.88         | 0               | 0.00        | 1               | 0.44        | 1               | 0.44         | 0               | 0.00        | 0               | 0.00        |
| Som & Sualo Cultivation        | NO                        | 44000                | 2            | 0.88         | 0               | 0.00        | 0               | 0.00        | 1               | 0.44         | 1               | 0.44        | 0               | 0.00        |
| Bananna Cultivation            | NO                        | 44000                | 1            | 0.44         | 0               | 0.00        | 1               | 0.44        | 0               | 0.00         | 0               | 0.00        | 0               | 0.00        |
| <b>Name of Micro Watershed</b> | <b>ARSI MWS</b>           |                      |              |              |                 |             |                 |             |                 |              |                 |             |                 |             |
| <b>Name of Village</b>         | <b>No.2 Arsi Borgayan</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        | 1               | 0.44         | 1               | 0.44        | 0               | 0.00        |
| Apple Bear Cultivation         | NO                        | 44000                | 2            | 0.88         | 0               | 0.00        | 0               | 0.00        | 1               | 0.44         | 1               | 0.44        | 0               | 0.00        |
| Assam Lemon Cultivation        | NO                        | 44000                | 2            | 0.88         | 1               | 0.44        | 0               | 0.00        | 1               | 0.44         | 0               | 0.00        | 0               | 0.00        |
| Papaya Cultivation (Red Lady)  | NO                        | 44000                | 2            | 0.88         | 0               | 0.00        | 1               | 0.44        | 1               | 0.44         | 0               | 0.00        | 0               | 0.00        |
| Som & Sualo Cultivation        | NO                        | 44000                | 2            | 0.88         | 0               | 0.00        | 0               | 0.00        | 1               | 0.44         | 1               | 0.44        | 0               | 0.00        |
| Bananna Cultivation            | NO                        | 44000                | 1            | 0.44         | 0               | 0.00        | 0               | 0.00        | 1               | 0.44         | 0               | 0.00        | 0               | 0.00        |

| Name of Micro Watershed       |      | ARSI MWS      |           |              |          |            |           |            |           |              |           |             |          |             |  |
|-------------------------------|------|---------------|-----------|--------------|----------|------------|-----------|------------|-----------|--------------|-----------|-------------|----------|-------------|--|
| Name of Village               |      | Bishnu Nagar  |           |              |          |            |           |            |           |              |           |             |          |             |  |
| 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       | 1         | 0.44       | 1         | 0.44         | 0         | 0.00        | 0        | 0.00        |  |
| Apple Bear Cultivation        | NO   | 44000         | 2         | 0.88         | 0        | 0.00       | 0         | 0.00       | 1         | 0.44         | 1         | 0.44        | 0        | 0.00        |  |
| Assam Lemon Cultivation       | NO   | 44000         | 2         | 0.88         | 1        | 0.44       | 0         | 0.00       | 1         | 0.44         | 0         | 0.00        | 0        | 0.00        |  |
| Papaya Cultivation (Red Lady) | NO   | 44000         | 2         | 0.88         | 0        | 0.00       | 1         | 0.44       | 0         | 0.00         | 1         | 0.44        | 0        | 0.00        |  |
| Som & Sualo 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         | 1         | 0.44         | 0        | 0.00       | 1         | 0.44       | 0         | 0.00         | 0         | 0.00        | 0        | 0.00        |  |
| Name of Micro Watershed       |      | ARSI MWS      |           |              |          |            |           |            |           |              |           |             |          |             |  |
| Name of Village               |      | No.1 Nalbari  |           |              |          |            |           |            |           |              |           |             |          |             |  |
| 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       | 1         | 0.44       | 1         | 0.44         | 0         | 0.00        | 0        | 0.00        |  |
| Apple Bear Cultivation        | NO   | 44000         | 2         | 0.88         | 0        | 0.00       | 0         | 0.00       | 1         | 0.44         | 1         | 0.44        | 0        | 0.00        |  |
| Assam Lemon Cultivation       | NO   | 44000         | 2         | 0.88         | 1        | 0.44       | 0         | 0.00       | 1         | 0.44         | 0         | 0.00        | 0        | 0.00        |  |
| Papaya Cultivation (Red Lady) | NO   | 44000         | 2         | 0.88         | 0        | 0.00       | 1         | 0.44       | 1         | 0.44         | 0         | 0.00        | 0        | 0.00        |  |
| Som & Sualo Cultivation       | NO   | 44000         | 2         | 0.88         | 0        | 0.00       | 0         | 0.00       | 1         | 0.44         | 1         | 0.44        | 0        | 0.00        |  |
| Bananna Cultivation           | NO   | 44000         | 1         | 0.44         | 0        | 0.00       | 1         | 0.44       | 0         | 0.00         | 0         | 0.00        | 0        | 0.00        |  |
| Name of Micro Watershed       |      | ARSI MWS      |           |              |          |            |           |            |           |              |           |             |          |             |  |
| Name of Village               |      | No.2 Nalbari  |           |              |          |            |           |            |           |              |           |             |          |             |  |
| 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       | 1         | 0.44       | 1         | 0.44         | 0         | 0.00        | 0        | 0.00        |  |
| Apple Bear Cultivation        | NO   | 44000         | 2         | 0.88         | 0        | 0.00       | 0         | 0.00       | 1         | 0.44         | 1         | 0.44        | 0        | 0.00        |  |
| Assam Lemon Cultivation       | NO   | 44000         | 2         | 0.88         | 0        | 0.00       | 1         | 0.44       | 1         | 0.44         | 0         | 0.00        | 0        | 0.00        |  |
| Papaya Cultivation (Red Lady) | NO   | 44000         | 2         | 0.88         | 0        | 0.00       | 1         | 0.44       | 1         | 0.44         | 0         | 0.00        | 0        | 0.00        |  |
| Som & Sualo Cultivation       | NO   | 44000         | 2         | 0.88         | 0        | 0.00       | 0         | 0.00       | 1         | 0.44         | 1         | 0.44        | 0        | 0.00        |  |
| Bananna Cultivation           | NO   | 44000         | 1         | 0.44         | 0        | 0.00       | 1         | 0.44       | 0         | 0.00         | 0         | 0.00        | 0        | 0.00        |  |
| <b>SUB TOTAL</b>              |      |               | <b>66</b> | <b>29.04</b> | <b>5</b> | <b>2.2</b> | <b>15</b> | <b>6.6</b> | <b>29</b> | <b>12.76</b> | <b>16</b> | <b>7.04</b> | <b>1</b> | <b>0.44</b> |  |

| Name of Micro Watershed       |      | SILASUTI MWS   |       |      |          |      |          |      |          |      |          |      |          |      |  |
|-------------------------------|------|----------------|-------|------|----------|------|----------|------|----------|------|----------|------|----------|------|--|
| Name of Village               |      | No.1 Majarbari |       |      |          |      |          |      |          |      |          |      |          |      |  |
| 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 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 |  |
| Apple Bear Cultivation        | NO   | 44000          | 2     | 0.88 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 |  |
| Assam Lemon Cultivation       | NO   | 44000          | 2     | 0.88 | 1        | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Papaya Cultivation (Red Lady) | NO   | 44000          | 2     | 0.88 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Som & Sualo 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          | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |  |
| Name of Micro Watershed       |      | SILASUTI MWS   |       |      |          |      |          |      |          |      |          |      |          |      |  |
| Name of Village               |      | No.2 Majarbari |       |      |          |      |          |      |          |      |          |      |          |      |  |
| 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 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 |  |
| Apple Bear Cultivation        | NO   | 44000          | 2     | 0.88 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 |  |
| Assam Lemon Cultivation       | NO   | 44000          | 2     | 0.88 | 1        | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Papaya Cultivation (Red Lady) | NO   | 44000          | 2     | 0.88 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Som & Sualo 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          | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |  |
| Name of Micro Watershed       |      | SILASUTI MWS   |       |      |          |      |          |      |          |      |          |      |          |      |  |
| Name of Village               |      | Arcy Aka       |       |      |          |      |          |      |          |      |          |      |          |      |  |
| 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 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 |  |
| Apple Bear Cultivation        | NO   | 44000          | 2     | 0.88 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 |  |
| Assam Lemon Cultivation       | NO   | 44000          | 2     | 0.88 | 1        | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Papaya Cultivation (Red Lady) | NO   | 44000          | 2     | 0.88 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Som & Sualo 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          | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |  |
| Name of Micro Watershed       |      | SILASUTI MWS   |       |      |          |      |          |      |          |      |          |      |          |      |  |

| Name of Village               | Moharani Pur      |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
|-------------------------------|-------------------|---------------|-------|------|----------|------|----------|------|----------|------|----------|------|----------|------|--|
| 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 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 |  |
| Apple Bear Cultivation        | NO                | 44000         | 2     | 0.88 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 |  |
| Assam Lemon Cultivation       | NO                | 44000         | 2     | 0.88 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |  |
| Papaya Cultivation (Red Lady) | NO                | 44000         | 2     | 0.88 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |  |
| Som & Sualo 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         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |  |
| Name of Micro Watershed       | SILASUTI MWS      |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| Name of Village               | 2 No Moha Ranipur |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| 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 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 |  |
| Apple Bear Cultivation        | NO                | 44000         | 2     | 0.88 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 |  |
| Assam Lemon Cultivation       | NO                | 44000         | 2     | 0.88 | 1        | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Papaya Cultivation (Red Lady) | NO                | 44000         | 2     | 0.88 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Som & Sualo 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         | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |  |
| Name of Micro Watershed       | SILASUTI MWS      |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| Name of Village               | Rupahi Borgayan   |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| 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 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 |  |
| Apple Bear Cultivation        | NO                | 44000         | 2     | 0.88 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 |  |
| Assam Lemon Cultivation       | NO                | 44000         | 2     | 0.88 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Papaya Cultivation (Red Lady) | NO                | 44000         | 2     | 0.88 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Som & Sualo 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         | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |  |
| Name of Micro Watershed       | SILASUTI MWS      |               |       |      |          |      |          |      |          |      |          |      |          |      |  |

| Name of Village               |      | No.3 Sila Block           |              |              |             |             |              |             |              |              |              |              |             |             |
|-------------------------------|------|---------------------------|--------------|--------------|-------------|-------------|--------------|-------------|--------------|--------------|--------------|--------------|-------------|-------------|
| 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        | 1            | 0.44         | 1            | 0.44         | 0           | 0.00        |
| Apple Bear Cultivation        | NO   | 44000                     | 2            | 0.88         | 0           | 0.00        | 0            | 0.00        | 1            | 0.44         | 1            | 0.44         | 0           | 0.00        |
| Assam Lemon Cultivation       | NO   | 44000                     | 2            | 0.88         | 0           | 0.00        | 1            | 0.44        | 1            | 0.44         | 0            | 0.00         | 0           | 0.00        |
| Papaya Cultivation (Red Lady) | NO   | 44000                     | 2            | 0.88         | 0           | 0.00        | 1            | 0.44        | 1            | 0.44         | 0            | 0.00         | 0           | 0.00        |
| Som & Sualo 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                     | 1            | 0.44         | 0           | 0.00        | 0            | 0.00        | 0            | 0.00         | 1            | 0.44         | 0           | 0.00        |
| Name of Micro Watershed       |      | SILASUTI MWS              |              |              |             |             |              |             |              |              |              |              |             |             |
| Name of Village               |      | Gowranga Pur              |              |              |             |             |              |             |              |              |              |              |             |             |
| 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        | 1            | 0.44         | 1            | 0.44         | 0           | 0.00        |
| Apple Bear Cultivation        | NO   | 44000                     | 2            | 0.88         | 0           | 0.00        | 0            | 0.00        | 1            | 0.44         | 1            | 0.44         | 0           | 0.00        |
| Assam Lemon Cultivation       | NO   | 44000                     | 2            | 0.88         | 0           | 0.00        | 1            | 0.44        | 1            | 0.44         | 0            | 0.00         | 0           | 0.00        |
| Papaya Cultivation (Red Lady) | NO   | 44000                     | 2            | 0.88         | 0           | 0.00        | 1            | 0.44        | 1            | 0.44         | 0            | 0.00         | 0           | 0.00        |
| Som & Sualo Cultivation       | NO   | 44000                     | 1            | 0.44         | 0           | 0.00        | 0            | 0.00        | 0            | 0.00         | 1            | 0.44         | 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        |
| <b>SUB TOTAL</b>              |      |                           | <b>87.00</b> | <b>38.28</b> | <b>5.00</b> | <b>2.20</b> | <b>14.00</b> | <b>6.16</b> | <b>30.00</b> | <b>13.20</b> | <b>30.00</b> | <b>13.20</b> | <b>8.00</b> | <b>3.52</b> |
| Name of Micro Watershed       |      | RAMAYAPUR MWS             |              |              |             |             |              |             |              |              |              |              |             |             |
| Name of Village               |      | No.3 Bhairabpur Kadamtala |              |              |             |             |              |             |              |              |              |              |             |             |
| 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        | 1            | 0.44         | 0            | 0.00         | 0           | 0.00        |
| Apple Bear Cultivation        | NO   | 44000                     | 2            | 0.88         | 0           | 0.00        | 0            | 0.00        | 1            | 0.44         | 0            | 0.00         | 1           | 0.44        |
| Assam Lemon Cultivation       | NO   | 44000                     | 2            | 0.88         | 1           | 0.44        | 0            | 0.00        | 1            | 0.44         | 0            | 0.00         | 0           | 0.00        |
| Papaya Cultivation (Red Lady) | NO   | 44000                     | 2            | 0.88         | 0           | 0.00        | 1            | 0.44        | 0            | 0.00         | 1            | 0.44         | 0           | 0.00        |
| Som & Sualo Cultivation       | NO   | 44000                     | 1            | 0.44         | 0           | 0.00        | 0            | 0.00        | 0            | 0.00         | 1            | 0.44         | 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       |      | RAMAYAPUR MWS             |              |              |             |             |              |             |              |              |              |              |             |             |

| Name of Village               |      | No.2 Kareng Bali Pur |       |      |          |      |          |      |          |      |          |      |          |      |
|-------------------------------|------|----------------------|-------|------|----------|------|----------|------|----------|------|----------|------|----------|------|
| 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 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Apple Bear Cultivation        | NO   | 44000                | 2     | 0.88 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 |
| Assam Lemon Cultivation       | NO   | 44000                | 2     | 0.88 | 1        | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Papaya Cultivation (Red Lady) | NO   | 44000                | 2     | 0.88 | 0        | 0.00 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Som & Sualo Cultivation       | NO   | 44000                | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 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       |      | RAMAYAPUR MWS        |       |      |          |      |          |      |          |      |          |      |          |      |
| Name of Village               |      | Sibanagar Balipur    |       |      |          |      |          |      |          |      |          |      |          |      |
| 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 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Apple Bear Cultivation        | NO   | 44000                | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Assam Lemon Cultivation       | NO   | 44000                | 1     | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |
| Papaya Cultivation (Red Lady) | NO   | 44000                | 2     | 0.88 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 |
| Som & Sualo Cultivation       | NO   | 44000                | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 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       |      | RAMAYAPUR MWS        |       |      |          |      |          |      |          |      |          |      |          |      |
| Name of Village               |      | Kakabari Kamal Pur   |       |      |          |      |          |      |          |      |          |      |          |      |
| 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 | 1        | 0.44 | 1        | 0.44 | 0        | 0.00 |
| Apple Bear Cultivation        | NO   | 44000                | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Assam Lemon Cultivation       | NO   | 44000                | 1     | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |
| Papaya Cultivation (Red Lady) | NO   | 44000                | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |
| Som & Sualo 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                | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |
| Name of Micro Watershed       |      | RAMAYAPUR MWS        |       |      |          |      |          |      |          |      |          |      |          |      |
| Name of Village               |      | Kakabari Dharmapur   |       |      |          |      |          |      |          |      |          |      |          |      |

| 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 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Apple Bear Cultivation         | NO                                   | 44000         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Assam Lemon Cultivation        | NO                                   | 44000         | 1     | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |
| Papaya Cultivation (Red Lady)  | NO                                   | 44000         | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |
| Som & Sualo 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         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |
| <b>Name of Micro Watershed</b> | <b>RAMAYAPUR MWS</b>                 |               |       |      |          |      |          |      |          |      |          |      |          |      |
| <b>Name of Village</b>         | <b>Kadamtala (1 No. &amp; 2 No.)</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 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Apple Bear Cultivation         | NO                                   | 44000         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Assam Lemon Cultivation        | NO                                   | 44000         | 1     | 0.44 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |
| Papaya Cultivation (Red Lady)  | NO                                   | 44000         | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |
| Som & Sualo 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         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |
| <b>Name of Micro Watershed</b> | <b>RAMAYAPUR MWS</b>                 |               |       |      |          |      |          |      |          |      |          |      |          |      |
| <b>Name of Village</b>         | <b>Bukabeel</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 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Apple Bear Cultivation         | NO                                   | 44000         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |
| Assam Lemon Cultivation        | NO                                   | 44000         | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |
| Papaya Cultivation (Red Lady)  | NO                                   | 44000         | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |
| Som & Sualo 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         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |
| Chili Cultivation              | NO                                   | 44000         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |
| <b>Name of Micro Watershed</b> | <b>RAMAYAPUR MWS</b>                 |               |       |      |          |      |          |      |          |      |          |      |          |      |
| <b>Name of Village</b>         | <b>No.2 Bukabeel</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 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Apple Bear Cultivation         | NO                           | 44000         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Assam Lemon Cultivation        | NO                           | 44000         | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |  |
| Papaya Cultivation (Red Lady)  | NO                           | 44000         | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |  |
| Som & Sualo 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         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |  |
| Chili Cultivation              | NO                           | 44000         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |  |
| <b>Name of Micro Watershed</b> | <b>RAMAYAPUR MWS</b>         |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| <b>Name of Village</b>         | <b>No.2 Muktiyar Bukabil</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 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Apple Bear Cultivation         | NO                           | 44000         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Assam Lemon Cultivation        | NO                           | 44000         | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |  |
| Papaya Cultivation (Red Lady)  | NO                           | 44000         | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |  |
| Som & Sualo 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         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |  |
| Chili Cultivation              | NO                           | 44000         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |  |
| <b>Name of Micro Watershed</b> | <b>RAMAYAPUR MWS</b>         |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| <b>Name of Village</b>         | <b>Ramya Pur</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 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Apple Bear Cultivation         | NO                           | 44000         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 |  |
| Assam Lemon Cultivation        | NO                           | 44000         | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |  |
| Papaya Cultivation (Red Lady)  | NO                           | 44000         | 1     | 0.44 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |  |
| Som & Sualo 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         | 1     | 0.44 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.44 | 0        | 0.00 |  |
| Chili 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       | RAMAYAPUR MWS  |               |               |               |              |             |              |              |               |              |              |              |              |             |
|-------------------------------|----------------|---------------|---------------|---------------|--------------|-------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|-------------|
| Name of Village               | Manikpur       |               |               |               |              |             |              |              |               |              |              |              |              |             |
| 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         | 1             | 0.44         | 0            | 0.00         | 0            | 0.00        |
| Apple Bear Cultivation        | NO             | 44000         | 1             | 0.44          | 0            | 0.00        | 0            | 0.00         | 1             | 0.44         | 0            | 0.00         | 0            | 0.00        |
| Assam Lemon Cultivation       | NO             | 44000         | 1             | 0.44          | 0            | 0.00        | 1            | 0.44         | 0             | 0.00         | 0            | 0.00         | 0            | 0.00        |
| Papaya Cultivation (Red Lady) | NO             | 44000         | 1             | 0.44          | 0            | 0.00        | 1            | 0.44         | 0             | 0.00         | 0            | 0.00         | 0            | 0.00        |
| Som & Sualo 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         | 1             | 0.44          | 0            | 0.00        | 0            | 0.00         | 1             | 0.44         | 0            | 0.00         | 0            | 0.00        |
| Chili 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       | RAMAYAPUR MWS  |               |               |               |              |             |              |              |               |              |              |              |              |             |
| Name of Village               | No.2 Kaka Bari |               |               |               |              |             |              |              |               |              |              |              |              |             |
| 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         | 1             | 0.44         | 0            | 0.00         | 0            | 0.00        |
| Weaving Centre                | NO             | 22000         | 1             | 0.22          | 0            | 0.00        | 1            | 0.22         | 0             | 0.00         | 0            | 0.00         | 0            | 0.00        |
| Apple Bear Cultivation        | NO             | 44000         | 1             | 0.44          | 0            | 0.00        | 0            | 0.00         | 1             | 0.44         | 0            | 0.00         | 0            | 0.00        |
| Assam Lemon Cultivation       | NO             | 44000         | 1             | 0.44          | 0            | 0.00        | 1            | 0.44         | 0             | 0.00         | 0            | 0.00         | 0            | 0.00        |
| Papaya Cultivation (Red Lady) | NO             | 44000         | 1             | 0.44          | 0            | 0.00        | 1            | 0.44         | 0             | 0.00         | 0            | 0.00         | 0            | 0.00        |
| Som & Sualo 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         | 1             | 0.44          | 0            | 0.00        | 0            | 0.00         | 0             | 0.00         | 1            | 0.44         | 0            | 0.00        |
| Chili Cultivation             | NO             | 44000         | 1             | 0.44          | 0            | 0.00        | 0            | 0.00         | 0             | 0.00         | 1            | 0.44         | 0            | 0.00        |
| <b>SUB TOTAL</b>              |                |               | <b>87.00</b>  | <b>38.06</b>  | <b>6.00</b>  | <b>2.64</b> | <b>19.00</b> | <b>8.14</b>  | <b>37.00</b>  | <b>16.28</b> | <b>23.00</b> | <b>10.12</b> | <b>2.00</b>  | <b>0.88</b> |
| <b>GRAND TOTAL</b>            |                |               | <b>314.00</b> | <b>137.94</b> | <b>21.00</b> | <b>9.24</b> | <b>63.00</b> | <b>27.50</b> | <b>125.00</b> | <b>55.00</b> | <b>89.00</b> | <b>39.16</b> | <b>16.00</b> | <b>7.04</b> |

**Annexure-2: Village Wise proposed intervention under Livelihood Activities for the assetless persons Micro Enterprise & Business Development**

| Name of Micro Watershed |      | SILI MWS          |       |      |          |      |          |      |          |      |          |      |          |      |  |
|-------------------------|------|-------------------|-------|------|----------|------|----------|------|----------|------|----------|------|----------|------|--|
| Name of Village         |      | Dimow Gulai       |       |      |          |      |          |      |          |      |          |      |          |      |  |
| 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             | 3     | 0.75 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 | 0        | 0.00 |  |
| Piggery                 | NO   | 25000             | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Poultry                 | NO   | 25000             | 3     | 0.75 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |  |
| Duckery                 | NO   | 25000             | 3     | 0.75 | 0        | 0.00 | 2        | 0.50 | 0        | 0.00 | 0        | 0.00 | 1        | 0.25 |  |
| Broiler Farm            | NO   | 25000             | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 3        | 0.75 | 0        | 0.00 |  |
| Name of Micro Watershed |      | SILI MWS          |       |      |          |      |          |      |          |      |          |      |          |      |  |
| Name of Village         |      | Gulai             |       |      |          |      |          |      |          |      |          |      |          |      |  |
| 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 | 2        | 0.50 | 0        | 0.00 | 1        | 0.25 | 0        | 0.00 |  |
| Piggery                 | NO   | 25000             | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Poultry                 | NO   | 25000             | 3     | 0.75 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 | 0        | 0.00 |  |
| Duckery                 | NO   | 25000             | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Broiler Farm            | NO   | 25000             | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 3        | 0.75 | 0        | 0.00 | 0        | 0.00 |  |
| Name of Micro Watershed |      | SILI MWS          |       |      |          |      |          |      |          |      |          |      |          |      |  |
| Name of Village         |      | No.2 Cilli Nepali |       |      |          |      |          |      |          |      |          |      |          |      |  |
| 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 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Piggery                 | NO   | 25000             | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Poultry                 | NO   | 25000             | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Duckery                 | NO   | 25000             | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Broiler Farm            | NO   | 25000             | 3     | 0.75 | 0        | 0.00 | 3        | 0.75 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 |  |
| Name of Micro Watershed |      | SILI MWS          |       |      |          |      |          |      |          |      |          |      |          |      |  |

| Name of Village         |      | Bhagwan borgayan |       |      |          |      |          |      |          |      |          |      |          |      |  |
|-------------------------|------|------------------|-------|------|----------|------|----------|------|----------|------|----------|------|----------|------|--|
| 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 | 2        | 0.50 | 0        | 0.00 | 1        | 0.25 | 0        | 0.00 |  |
| Piggery                 | NO   | 25000            | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Poultry                 | NO   | 25000            | 3     | 0.75 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 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 |  |
| Broiler Farm            | NO   | 25000            | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 3        | 0.75 | 0        | 0.00 | 0        | 0.00 |  |
| Name of Micro Watershed |      | SILI MWS         |       |      |          |      |          |      |          |      |          |      |          |      |  |
| Name of Village         |      | Kantu Adi        |       |      |          |      |          |      |          |      |          |      |          |      |  |
| 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 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Piggery                 | NO   | 25000            | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Poultry                 | NO   | 25000            | 3     | 0.75 | 2        | 0.50 | 0        | 0.00 | 1        | 0.25 | 0        | 0.00 | 0        | 0.00 |  |
| Duckery                 | NO   | 25000            | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Broiler Farm            | NO   | 25000            | 3     | 0.75 | 2        | 0.50 | 0        | 0.00 | 0        | 0.00 | 1        | 0.25 | 0        | 0.00 |  |
| Name of Micro Watershed |      | SILI MWS         |       |      |          |      |          |      |          |      |          |      |          |      |  |
| Name of Village         |      | Sili Asomiya     |       |      |          |      |          |      |          |      |          |      |          |      |  |
| 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 | 2        | 0.50 | 0        | 0.00 | 1        | 0.25 | 0        | 0.00 |  |
| Piggery                 | NO   | 25000            | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Poultry                 | NO   | 25000            | 3     | 0.75 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 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 |  |
| Broiler Farm            | NO   | 25000            | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 3        | 0.75 | 0        | 0.00 | 0        | 0.00 |  |
| Name of Micro Watershed |      | SILI MWS         |       |      |          |      |          |      |          |      |          |      |          |      |  |
| Name of Village         |      | Cilli Adi        |       |      |          |      |          |      |          |      |          |      |          |      |  |
| 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 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |

| Piggery                        | NO                      | 25000         | 3             | 0.75         | 0           | 0.00        | 0            | 0.00        | 2            | 0.50         | 1            | 0.25        | 0           | 0.00        |
|--------------------------------|-------------------------|---------------|---------------|--------------|-------------|-------------|--------------|-------------|--------------|--------------|--------------|-------------|-------------|-------------|
| Poultry                        | NO                      | 25000         | 3             | 0.75         | 0           | 0.00        | 0            | 0.00        | 2            | 0.50         | 1            | 0.25        | 0           | 0.00        |
| Duckery                        | NO                      | 25000         | 3             | 0.75         | 0           | 0.00        | 0            | 0.00        | 2            | 0.50         | 1            | 0.25        | 0           | 0.00        |
| Broiler Farm                   | 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>SILI MWS</b>         |               |               |              |             |             |              |             |              |              |              |             |             |             |
| <b>Name of Village</b>         | <b>Cilli Adi Pathar</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         | 3             | 0.75         | 0           | 0.00        | 0            | 0.00        | 2            | 0.50         | 1            | 0.25        | 0           | 0.00        |
| Piggery                        | NO                      | 25000         | 3             | 0.75         | 0           | 0.00        | 0            | 0.00        | 2            | 0.50         | 1            | 0.25        | 0           | 0.00        |
| Poultry                        | NO                      | 25000         | 3             | 0.75         | 0           | 0.00        | 0            | 0.00        | 2            | 0.50         | 1            | 0.25        | 0           | 0.00        |
| Duckery                        | NO                      | 25000         | 3             | 0.75         | 0           | 0.00        | 0            | 0.00        | 0            | 0.00         | 3            | 0.75        | 0           | 0.00        |
| Broiler Farm                   | NO                      | 25000         | 3             | 0.75         | 0           | 0.00        | 0            | 0.00        | 0            | 0.00         | 0            | 0.00        | 3           | 0.75        |
| <b>Name of Micro Watershed</b> | <b>SILI MWS</b>         |               |               |              |             |             |              |             |              |              |              |             |             |             |
| <b>Name of Village</b>         | <b>Cilli Bijbari</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         | 3             | 0.75         | 0           | 0.00        | 2            | 0.50        | 0            | 0.00         | 1            | 0.25        | 0           | 0.00        |
| Piggery                        | NO                      | 25000         | 3             | 0.75         | 0           | 0.00        | 0            | 0.00        | 2            | 0.50         | 1            | 0.25        | 0           | 0.00        |
| Poultry                        | NO                      | 25000         | 3             | 0.75         | 0           | 0.00        | 2            | 0.50        | 0            | 0.00         | 0            | 0.00        | 1           | 0.25        |
| Duckery                        | NO                      | 25000         | 3             | 0.75         | 0           | 0.00        | 2            | 0.50        | 0            | 0.00         | 0            | 0.00        | 1           | 0.25        |
| Broiler Farm                   | NO                      | 25000         | 3             | 0.75         | 2           | 0.50        | 0            | 0.00        | 1            | 0.25         | 0            | 0.00        | 0           | 0.00        |
| <b>SUB TOTAL</b>               |                         |               | <b>134.00</b> | <b>33.50</b> | <b>8.00</b> | <b>2.00</b> | <b>26.00</b> | <b>6.50</b> | <b>55.00</b> | <b>13.75</b> | <b>39.00</b> | <b>9.75</b> | <b>6.00</b> | <b>1.50</b> |
| <b>Name of Micro Watershed</b> | <b>ARSI MWS</b>         |               |               |              |             |             |              |             |              |              |              |             |             |             |
| <b>Name of Village</b>         | <b>Karoi Bari</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        | 1            | 0.25         | 1            | 0.25        | 0           | 0.00        |
| Piggery                        | NO                      | 25000         | 4             | 1.00         | 0           | 0.00        | 1            | 0.25        | 3            | 0.75         | 0            | 0.00        | 0           | 0.00        |
| Poultry                        | NO                      | 25000         | 4             | 1.00         | 0           | 0.00        | 2            | 0.50        | 1            | 0.25         | 1            | 0.25        | 0           | 0.00        |
| Duckery                        | NO                      | 25000         | 4             | 1.00         | 0           | 0.00        | 0            | 0.00        | 1            | 0.25         | 3            | 0.75        | 0           | 0.00        |

| Broiler Farm                   | NO                        | 25000         | 4     | 1.00 | 0        | 0.00 | 2        | 0.50 | 2        | 0.50 | 0        | 0.00 | 0        | 0.00 |  |
|--------------------------------|---------------------------|---------------|-------|------|----------|------|----------|------|----------|------|----------|------|----------|------|--|
| <b>Name of Micro Watershed</b> | <b>ARSI MWS</b>           |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| <b>Name of Village</b>         | <b>No.3 Arsi Borgayan</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 | 1        | 0.25 | 0        | 0.00 |  |
| Piggery                        | NO                        | 25000         | 4     | 1.00 | 0        | 0.00 | 1        | 0.25 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Poultry                        | NO                        | 25000         | 4     | 1.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 1        | 0.25 | 0        | 0.00 |  |
| Duckery                        | NO                        | 25000         | 4     | 1.00 | 0        | 0.00 | 0        | 0.00 | 3        | 0.75 | 1        | 0.25 | 0        | 0.00 |  |
| Broiler Farm                   | NO                        | 25000         | 4     | 1.00 | 0        | 0.00 | 0        | 0.00 | 3        | 0.75 | 1        | 0.25 | 0        | 0.00 |  |
| <b>Name of Micro Watershed</b> | <b>ARSI MWS</b>           |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| <b>Name of Village</b>         | <b>No.2 Arsi Borgayan</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 | 1        | 0.25 | 0        | 0.00 |  |
| Piggery                        | NO                        | 25000         | 4     | 1.00 | 0        | 0.00 | 1        | 0.25 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Poultry                        | NO                        | 25000         | 4     | 1.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 1        | 0.25 | 0        | 0.00 |  |
| Duckery                        | NO                        | 25000         | 4     | 1.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 | 1        | 0.25 |  |
| Broiler Farm                   | NO                        | 25000         | 4     | 1.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.25 | 3        | 0.75 | 0        | 0.00 |  |
| <b>Name of Micro Watershed</b> | <b>ARSI MWS</b>           |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| <b>Name of Village</b>         | <b>Bishnu Nagar</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         | 4     | 1.00 | 0        | 0.00 | 1        | 0.25 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Poultry                        | NO                        | 25000         | 4     | 1.00 | 2        | 0.50 | 1        | 0.25 | 1        | 0.25 | 0        | 0.00 | 0        | 0.00 |  |
| Duckery                        | NO                        | 25000         | 4     | 1.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.25 | 3        | 0.75 | 0        | 0.00 |  |
| Broiler Farm                   | NO                        | 25000         | 4     | 1.00 | 0        | 0.00 | 0        | 0.00 | 3        | 0.75 | 1        | 0.25 | 0        | 0.00 |  |
| <b>Name of Micro Watershed</b> | <b>ARSI MWS</b>           |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| <b>Name of Village</b>         | <b>No.1 Nalbari</b>       |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| Name of Intervention           | Unit                      | Rate (in INR) | TOTAL |      | 1st Year |      | 2nd Year |      | 3rd Year |      | 4th Year |      | 4th Year |      |  |

|                                |                       |                      |               |              |                 |             |                 |             |                 |              |                 |             |                 |             |
|--------------------------------|-----------------------|----------------------|---------------|--------------|-----------------|-------------|-----------------|-------------|-----------------|--------------|-----------------|-------------|-----------------|-------------|
|                                |                       | <b>INR)</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>  |
| Goatry                         | NO                    | 25000                | 4             | 1.00         | 0               | 0.00        | 0               | 0.00        | 2               | 0.50         | 1               | 0.25        | 1               | 0.25        |
| Piggery                        | NO                    | 25000                | 4             | 1.00         | 0               | 0.00        | 1               | 0.25        | 2               | 0.50         | 1               | 0.25        | 0               | 0.00        |
| Poultry                        | NO                    | 25000                | 4             | 1.00         | 2               | 0.50        | 0               | 0.00        | 1               | 0.25         | 1               | 0.25        | 0               | 0.00        |
| Duckery                        | NO                    | 25000                | 4             | 1.00         | 0               | 0.00        | 0               | 0.00        | 3               | 0.75         | 1               | 0.25        | 0               | 0.00        |
| Broiler Farm                   | NO                    | 25000                | 4             | 1.00         | 0               | 0.00        | 0               | 0.00        | 1               | 0.25         | 3               | 0.75        | 0               | 0.00        |
| <b>Name of Micro Watershed</b> | <b>ARSI MWS</b>       |                      |               |              |                 |             |                 |             |                 |              |                 |             |                 |             |
| <b>Name of Village</b>         | <b>No.2 Nalbari</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>  |
| Goatry                         | NO                    | 25000                | 4             | 1.00         | 2               | 0.50        | 0               | 0.00        | 1               | 0.25         | 1               | 0.25        | 0               | 0.00        |
| Piggery                        | NO                    | 25000                | 4             | 1.00         | 0               | 0.00        | 1               | 0.25        | 2               | 0.50         | 1               | 0.25        | 0               | 0.00        |
| Poultry                        | NO                    | 25000                | 4             | 1.00         | 2               | 0.50        | 0               | 0.00        | 1               | 0.25         | 0               | 0.00        | 1               | 0.25        |
| Duckery                        | NO                    | 25000                | 4             | 1.00         | 0               | 0.00        | 0               | 0.00        | 1               | 0.25         | 3               | 0.75        | 0               | 0.00        |
| Broiler Farm                   | NO                    | 25000                | 4             | 1.00         | 0               | 0.00        | 0               | 0.00        | 2               | 0.50         | 1               | 0.25        | 1               | 0.25        |
| <b>SUB TOTAL</b>               |                       |                      | <b>120.00</b> | <b>30.00</b> | <b>10.00</b>    | <b>2.50</b> | <b>19.00</b>    | <b>4.75</b> | <b>53.00</b>    | <b>13.25</b> | <b>34.00</b>    | <b>8.50</b> | <b>4.00</b>     | <b>1.00</b> |
| <b>Name of Micro Watershed</b> | <b>SILASUTI MWS</b>   |                      |               |              |                 |             |                 |             |                 |              |                 |             |                 |             |
| <b>Name of Village</b>         | <b>No.1 Majarbari</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>  |
| Goatry                         | NO                    | 25000                | 3             | 0.75         | 0               | 0.00        | 2               | 0.50        | 1               | 0.25         | 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        |
| Poultry                        | NO                    | 25000                | 3             | 0.75         | 0               | 0.00        | 2               | 0.50        | 0               | 0.00         | 0               | 0.00        | 1               | 0.25        |
| Duckery                        | NO                    | 25000                | 3             | 0.75         | 0               | 0.00        | 0               | 0.00        | 3               | 0.75         | 0               | 0.00        | 0               | 0.00        |
| Broiler Farm                   | NO                    | 25000                | 3             | 0.75         | 0               | 0.00        | 0               | 0.00        | 0               | 0.00         | 3               | 0.75        | 0               | 0.00        |
| <b>Name of Micro Watershed</b> | <b>SILASUTI MWS</b>   |                      |               |              |                 |             |                 |             |                 |              |                 |             |                 |             |
| <b>Name of Village</b>         | <b>No.2 Majarbari</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>  |
| Goatry                         | NO                    | 25000                | 3             | 0.75         | 2               | 0.50        | 1               | 0.25        | 0               | 0.00         | 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        |

| Poultry                        | NO                       | 25000         | 3     | 0.75 | 0        | 0.00 | 2        | 0.50 | 0        | 0.00 | 0        | 0.00 | 1        | 0.25 |  |
|--------------------------------|--------------------------|---------------|-------|------|----------|------|----------|------|----------|------|----------|------|----------|------|--|
| Duckery                        | NO                       | 25000         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 3        | 0.75 | 0        | 0.00 |  |
| Broiler Farm                   | NO                       | 25000         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 3        | 0.75 | 0        | 0.00 | 0        | 0.00 |  |
| <b>Name of Micro Watershed</b> | <b>SILASUTI MWS</b>      |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| <b>Name of Village</b>         | <b>Arcy Aka</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         | 5     | 1.25 | 0        | 0.00 | 3        | 0.75 | 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 |  |
| Poultry                        | NO                       | 25000         | 3     | 0.75 | 0        | 0.00 | 2        | 0.50 | 0        | 0.00 | 0        | 0.00 | 1        | 0.25 |  |
| Duckery                        | NO                       | 25000         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 3        | 0.75 | 0        | 0.00 | 0        | 0.00 |  |
| Broiler Farm                   | NO                       | 25000         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 3        | 0.75 | 0        | 0.00 |  |
| <b>Name of Micro Watershed</b> | <b>SILASUTI MWS</b>      |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| <b>Name of Village</b>         | <b>Moharani Pur</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         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Piggery                        | NO                       | 25000         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Poultry                        | NO                       | 25000         | 3     | 0.75 | 2        | 0.50 | 0        | 0.00 | 1        | 0.25 | 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 |  |
| Broiler Farm                   | NO                       | 25000         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| <b>Name of Micro Watershed</b> | <b>SILASUTI MWS</b>      |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| <b>Name of Village</b>         | <b>2 No Moha Ranipur</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         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Piggery                        | NO                       | 25000         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Poultry                        | NO                       | 25000         | 3     | 0.75 | 0        | 0.00 | 2        | 0.50 | 0        | 0.00 | 1        | 0.25 | 0        | 0.00 |  |
| Duckery                        | NO                       | 25000         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |  |
| Broiler Farm                   | NO                       | 25000         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 3        | 0.75 | 0        | 0.00 |  |
| <b>Name of Micro Watershed</b> | <b>SILASUTI MWS</b>      |               |       |      |          |      |          |      |          |      |          |      |          |      |  |



| Name of Village         |      | Rupahi Borgayan           |               |              |              |             |              |             |              |              |              |             |             |             |
|-------------------------|------|---------------------------|---------------|--------------|--------------|-------------|--------------|-------------|--------------|--------------|--------------|-------------|-------------|-------------|
| 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                     | 5             | 1.25         | 0            | 0.00        | 3            | 0.75        | 2            | 0.50         | 0            | 0.00        | 0           | 0.00        |
| Piggery                 | NO   | 25000                     | 3             | 0.75         | 0            | 0.00        | 0            | 0.00        | 2            | 0.50         | 1            | 0.25        | 0           | 0.00        |
| Poultry                 | NO   | 25000                     | 3             | 0.75         | 2            | 0.50        | 0            | 0.00        | 1            | 0.25         | 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        |
| Broiler Farm            | NO   | 25000                     | 3             | 0.75         | 0            | 0.00        | 0            | 0.00        | 2            | 0.50         | 1            | 0.25        | 0           | 0.00        |
| Name of Micro Watershed |      | SILASUTI MWS              |               |              |              |             |              |             |              |              |              |             |             |             |
| Name of Village         |      | No.3 Sila Block           |               |              |              |             |              |             |              |              |              |             |             |             |
| 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                     | 5             | 1.25         | 0            | 0.00        | 0            | 0.00        | 3            | 0.75         | 2            | 0.50        | 0           | 0.00        |
| Piggery                 | NO   | 25000                     | 3             | 0.75         | 0            | 0.00        | 0            | 0.00        | 2            | 0.50         | 1            | 0.25        | 0           | 0.00        |
| Poultry                 | NO   | 25000                     | 3             | 0.75         | 2            | 0.50        | 1            | 0.25        | 0            | 0.00         | 0            | 0.00        | 0           | 0.00        |
| Duckery                 | NO   | 25000                     | 3             | 0.75         | 0            | 0.00        | 0            | 0.00        | 2            | 0.50         | 1            | 0.25        | 0           | 0.00        |
| Broiler Farm            | NO   | 25000                     | 2             | 0.50         | 0            | 0.00        | 1            | 0.25        | 0            | 0.00         | 0            | 0.00        | 1           | 0.25        |
| Name of Micro Watershed |      | SILASUTI MWS              |               |              |              |             |              |             |              |              |              |             |             |             |
| Name of Village         |      | Gowranga Pur              |               |              |              |             |              |             |              |              |              |             |             |             |
| 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         | 2            | 0.50        | 0            | 0.00        | 0            | 0.00         | 0            | 0.00        | 1           | 0.25        |
| Piggery                 | NO   | 25000                     | 3             | 0.75         | 0            | 0.00        | 0            | 0.00        | 2            | 0.50         | 1            | 0.25        | 0           | 0.00        |
| Poultry                 | NO   | 25000                     | 3             | 0.75         | 0            | 0.00        | 2            | 0.50        | 1            | 0.25         | 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        |
| Broiler Farm            | 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>124.00</b> | <b>31.00</b> | <b>10.00</b> | <b>2.50</b> | <b>21.00</b> | <b>5.25</b> | <b>49.00</b> | <b>12.25</b> | <b>39.00</b> | <b>9.75</b> | <b>5.00</b> | <b>1.25</b> |
| Name of Micro Watershed |      | RAMAYAPUR MWS             |               |              |              |             |              |             |              |              |              |             |             |             |
| Name of Village         |      | No.3 Bhairabpur Kadamtala |               |              |              |             |              |             |              |              |              |             |             |             |
| 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 | 1        | 0.25 | 1        | 0.25 | 1        | 0.25 | 0        | 0.00 |
|--------------------------------|-----------------------------|---------------|-------|------|----------|------|----------|------|----------|------|----------|------|----------|------|
| Piggery                        | NO                          | 25000         | 3     | 0.75 | 0        | 0.00 | 1        | 0.25 | 1        | 0.25 | 1        | 0.25 | 0        | 0.00 |
| Poultry                        | NO                          | 25000         | 3     | 0.75 | 2        | 0.50 | 0        | 0.00 | 1        | 0.25 | 0        | 0.00 | 0        | 0.00 |
| Duckery                        | NO                          | 25000         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |
| Broiler Farm                   | NO                          | 25000         | 2     | 0.50 | 0        | 0.00 | 0        | 0.00 | 1        | 0.25 | 1        | 0.25 | 0        | 0.00 |
| <b>Name of Micro Watershed</b> | <b>RAMAYAPUR MWS</b>        |               |       |      |          |      |          |      |          |      |          |      |          |      |
| <b>Name of Village</b>         | <b>No.2 Kareng Bali Pur</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         | 3     | 0.75 | 0        | 0.00 | 1        | 0.25 | 1        | 0.25 | 1        | 0.25 | 0        | 0.00 |
| Piggery                        | NO                          | 25000         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |
| Poultry                        | NO                          | 25000         | 3     | 0.75 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 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 |
| Broiler Farm                   | 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>RAMAYAPUR MWS</b>        |               |       |      |          |      |          |      |          |      |          |      |          |      |
| <b>Name of Village</b>         | <b>Sibanagar Balipur</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         | 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 | 1        | 0.25 | 1        | 0.25 | 1        | 0.25 | 0        | 0.00 |
| Poultry                        | NO                          | 25000         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 | 0        | 0.00 |
| Duckery                        | NO                          | 25000         | 3     | 0.75 | 0        | 0.00 | 2        | 0.50 | 0        | 0.00 | 1        | 0.25 | 0        | 0.00 |
| Broiler Farm                   | NO                          | 25000         | 2     | 0.50 | 0        | 0.00 | 1        | 0.25 | 1        | 0.25 | 0        | 0.00 | 0        | 0.00 |
| <b>Name of Micro Watershed</b> | <b>RAMAYAPUR MWS</b>        |               |       |      |          |      |          |      |          |      |          |      |          |      |
| <b>Name of Village</b>         | <b>Kakabari Kamal Pur</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         | 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 | 1        | 0.25 | 1        | 0.25 | 1        | 0.25 | 0        | 0.00 |
| Poultry                        | NO                          | 25000         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 1        | 0.25 |
| Duckery                        | NO                          | 25000         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 0        | 0.00 | 1        | 0.25 |

| Broiler Farm                   | NO                                   | 25000         | 2     | 0.50 | 0        | 0.00 | 0        | 0.00 | 1        | 0.25 | 0        | 0.00 | 1        | 0.25 |  |
|--------------------------------|--------------------------------------|---------------|-------|------|----------|------|----------|------|----------|------|----------|------|----------|------|--|
| <b>Name of Micro Watershed</b> | <b>RAMAYAPUR MWS</b>                 |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| <b>Name of Village</b>         | <b>Kakabari Dharmapur</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         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 0        | 0.00 | 1        | 0.25 |  |
| Piggery                        | NO                                   | 25000         | 3     | 0.75 | 0        | 0.00 | 1        | 0.25 | 1        | 0.25 | 0        | 0.00 | 1        | 0.25 |  |
| Poultry                        | NO                                   | 25000         | 3     | 0.75 | 2        | 0.50 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.25 |  |
| Duckery                        | NO                                   | 25000         | 3     | 0.75 | 2        | 0.50 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 1        | 0.25 |  |
| Broiler Farm                   | 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>RAMAYAPUR MWS</b>                 |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| <b>Name of Village</b>         | <b>Kadamtala (1 No. &amp; 2 No.)</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         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 0        | 0.00 | 1        | 0.25 |  |
| Piggery                        | NO                                   | 25000         | 3     | 0.75 | 0        | 0.00 | 1        | 0.25 | 1        | 0.25 | 1        | 0.25 | 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 |  |
| Broiler Farm                   | NO                                   | 25000         | 2     | 0.50 | 0        | 0.00 | 0        | 0.00 | 1        | 0.25 | 1        | 0.25 | 0        | 0.00 |  |
| <b>Name of Micro Watershed</b> | <b>RAMAYAPUR MWS</b>                 |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| <b>Name of Village</b>         | <b>Bukabeel</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         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 0        | 0.00 | 1        | 0.25 |  |
| Piggery                        | NO                                   | 25000         | 3     | 0.75 | 0        | 0.00 | 1        | 0.25 | 1        | 0.25 | 0        | 0.00 | 1        | 0.25 |  |
| Poultry                        | NO                                   | 25000         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 2        | 0.50 | 0        | 0.00 | 1        | 0.25 |  |
| Duckery                        | NO                                   | 25000         | 3     | 0.75 | 0        | 0.00 | 0        | 0.00 | 0        | 0.00 | 3        | 0.75 | 0        | 0.00 |  |
| Broiler Farm                   | 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>RAMAYAPUR MWS</b>                 |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| <b>Name of Village</b>         | <b>No.2 Bukabeel</b>                 |               |       |      |          |      |          |      |          |      |          |      |          |      |  |
| Name of Intervention           | Unit                                 | Rate (in INR) | TOTAL |      | 1st Year |      | 2nd Year |      | 3rd Year |      | 4th Year |      | 4th Year |      |  |

|                                |                              |                      |              |            |                 |            |                 |            |                 |            |                 |            |                 |            |
|--------------------------------|------------------------------|----------------------|--------------|------------|-----------------|------------|-----------------|------------|-----------------|------------|-----------------|------------|-----------------|------------|
|                                |                              | <b>INR)</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> |
| 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       | 1               | 0.25       | 1               | 0.25       | 0               | 0.00       | 1               | 0.25       |
| Poultry                        | NO                           | 25000                | 3            | 0.75       | 0               | 0.00       | 0               | 0.00       | 2               | 0.50       | 0               | 0.00       | 1               | 0.25       |
| Duckery                        | NO                           | 25000                | 3            | 0.75       | 0               | 0.00       | 0               | 0.00       | 0               | 0.00       | 3               | 0.75       | 0               | 0.00       |
| Broiler Farm                   | NO                           | 25000                | 3            | 0.75       | 0               | 0.00       | 0               | 0.00       | 3               | 0.75       | 0               | 0.00       | 0               | 0.00       |
| <b>Name of Micro Watershed</b> | <b>RAMAYAPUR MWS</b>         |                      |              |            |                 |            |                 |            |                 |            |                 |            |                 |            |
| <b>Name of Village</b>         | <b>No.2 Muktiyar Bukabil</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> |
| Goatry                         | NO                           | 25000                | 3            | 0.75       | 0               | 0.00       | 0               | 0.00       | 2               | 0.50       | 0               | 0.00       | 1               | 0.25       |
| Piggery                        | NO                           | 25000                | 3            | 0.75       | 0               | 0.00       | 1               | 0.25       | 1               | 0.25       | 0               | 0.00       | 1               | 0.25       |
| Poultry                        | NO                           | 25000                | 3            | 0.75       | 0               | 0.00       | 1               | 0.25       | 1               | 0.25       | 0               | 0.00       | 1               | 0.25       |
| Duckery                        | NO                           | 25000                | 3            | 0.75       | 0               | 0.00       | 0               | 0.00       | 2               | 0.50       | 0               | 0.00       | 1               | 0.25       |
| Broiler Farm                   | NO                           | 25000                | 2            | 0.50       | 0               | 0.00       | 1               | 0.25       | 1               | 0.25       | 0               | 0.00       | 0               | 0.00       |
| <b>Name of Micro Watershed</b> | <b>RAMAYAPUR MWS</b>         |                      |              |            |                 |            |                 |            |                 |            |                 |            |                 |            |
| <b>Name of Village</b>         | <b>Ramya Pur</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> |
| Goatry                         | NO                           | 25000                | 4            | 1.00       | 0               | 0.00       | 2               | 0.50       | 2               | 0.50       | 0               | 0.00       | 0               | 0.00       |
| Piggery                        | NO                           | 25000                | 3            | 0.75       | 0               | 0.00       | 1               | 0.25       | 1               | 0.25       | 0               | 0.00       | 1               | 0.25       |
| Poultry                        | NO                           | 25000                | 3            | 0.75       | 2               | 0.50       | 1               | 0.25       | 0               | 0.00       | 0               | 0.00       | 0               | 0.00       |
| Duckery                        | NO                           | 25000                | 3            | 0.75       | 0               | 0.00       | 0               | 0.00       | 2               | 0.50       | 0               | 0.00       | 1               | 0.25       |
| Broiler Farm                   | NO                           | 25000                | 3            | 0.75       | 0               | 0.00       | 0               | 0.00       | 2               | 0.50       | 1               | 0.25       | 0               | 0.00       |
| <b>Name of Micro Watershed</b> | <b>RAMAYAPUR MWS</b>         |                      |              |            |                 |            |                 |            |                 |            |                 |            |                 |            |
| <b>Name of Village</b>         | <b>Manikpur</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> |
| Goatry                         | NO                           | 25000                | 3            | 0.75       | 0               | 0.00       | 2               | 0.50       | 0               | 0.00       | 1               | 0.25       | 0               | 0.00       |
| Piggery                        | NO                           | 25000                | 3            | 0.75       | 0               | 0.00       | 1               | 0.25       | 1               | 0.25       | 0               | 0.00       | 1               | 0.25       |
| Poultry                        | NO                           | 25000                | 3            | 0.75       | 0               | 0.00       | 0               | 0.00       | 0               | 0.00       | 2               | 0.50       | 1               | 0.25       |

| Duckery                        | NO                    | 25000         | 3             | 0.75          | 0            | 0.00        | 0            | 0.00         | 0             | 0.00         | 3             | 0.75         | 0            | 0.00        |
|--------------------------------|-----------------------|---------------|---------------|---------------|--------------|-------------|--------------|--------------|---------------|--------------|---------------|--------------|--------------|-------------|
| Broiler Farm                   | NO                    | 25000         | 3             | 0.75          | 0            | 0.00        | 0            | 0.00         | 3             | 0.75         | 0             | 0.00         | 0            | 0.00        |
| <b>Name of Micro Watershed</b> | <b>RAMAYAPUR MWS</b>  |               |               |               |              |             |              |              |               |              |               |              |              |             |
| <b>Name of Village</b>         | <b>No.2 Kaka Bari</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         | 3             | 0.75          | 0            | 0.00        | 1            | 0.25         | 2             | 0.50         | 0             | 0.00         | 0            | 0.00        |
| Supari Processing Unit         | NO                    | 19000         | 1             | 0.19          | 0            | 0.00        | 1            | 0.19         | 0             | 0.00         | 0             | 0.00         | 0            | 0.00        |
| Poultry                        | NO                    | 25000         | 4             | 1.00          | 1            | 0.25        | 0            | 0.00         | 3             | 0.75         | 0             | 0.00         | 0            | 0.00        |
| Duckery                        | NO                    | 25000         | 4             | 1.00          | 0            | 0.00        | 0            | 0.00         | 1             | 0.25         | 2             | 0.50         | 1            | 0.25        |
| Broiler Farm                   | NO                    | 25000         | 3             | 0.75          | 0            | 0.00        | 0            | 0.00         | 2             | 0.50         | 1             | 0.25         | 0            | 0.00        |
| <b>SUB TOTAL</b>               |                       |               | <b>174.00</b> | <b>43.44</b>  | <b>9.00</b>  | <b>2.25</b> | <b>26.00</b> | <b>6.44</b>  | <b>64.00</b>  | <b>16.00</b> | <b>53.00</b>  | <b>13.25</b> | <b>22.00</b> | <b>5.50</b> |
| <b>GRAND TOTAL</b>             |                       |               | <b>552.00</b> | <b>137.94</b> | <b>37.00</b> | <b>9.25</b> | <b>92.00</b> | <b>22.94</b> | <b>221.00</b> | <b>55.25</b> | <b>165.00</b> | <b>41.25</b> | <b>37.00</b> | <b>9.25</b> |