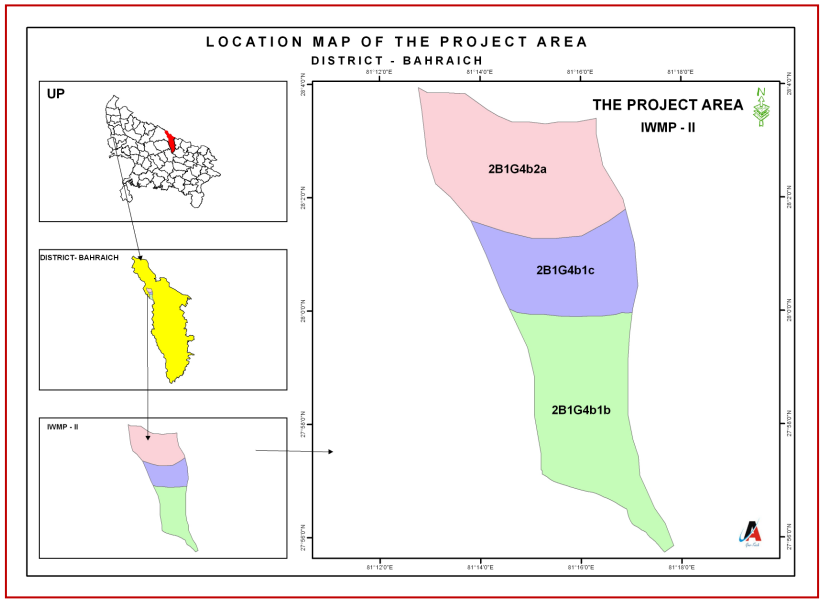
# DETAILED PROJECT REPORT (D.P.R.)

## (I.W.M.P. 2nd – BAHRAICH )

## INTEGRATED WATERSHED MANAGEMENT PROGRAMME, BLOCK- MIHINPURWA

## DISTRICT - BAHRAICH (UTTAR PRADESH)




**Submitted to: -**
Department of Land Development & Water Resources Lucknow (U.P.)

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# Preface

## INTEGRATED WATERSHED MANAGEMENT PROGRAMME (IWMP)

*Watershed is defined as a hydro-geological unit of area from which the rainwater drains through a single outlet. Watershed development refers to the conservation, regeneration and judicious use of all the natural resources (like land, water, plants, animals) by human beings. Watershed Management brings about the best possible balance between natural resources on the one side and human beings on the other. Human beings and the ecology are interdependent. The changes in the environment directly affect the lives of the people depending on it. A degraded environment means a degraded quality of life of the people. This degradation can be tackled effectively through the holistic development of the watershed. A watershed provides a natural geo-hydrological unit for planning any developmental initiative. The approach would be treatment from "ridge to valley".*

**Acknowledgement**

The Detail Project Report of IWMP-I, Block- Mihinpurwa of District- Bahraich is prepared by Bhoomi Sanrakshan Office, Bahraich, with the Technical Support of Advanced Geotech Solutions. Advanced Geotech is registered firm under Societies Registration Act, 1860 (Registration No. 9992 194019/ Dec.2010). It is working in Uttar Pradesh for the sustainable development of agriculture through management of natural resources by organic farming and watershed approach. It is also engaged in advisory/disseminating technology to the end users in the region through the group of eminent scientists, agricultural technicians and workers. It is also working with some reputed Institute and other companies of different location of country.

Foremost, I would like to express my sincere gratitude to Er. Rajbali Yadav, Technical Expert,SLNA, Land Development and Water Resource Dept. for the continuous support for preparation of DPR IWMP-II, Bahraich.

My sincere thanks also goes to Mr. C.L.Paul, Director and all team members of Advance Geotech Solutions. GIS Planning member Dr. Rakesh Singh, Sri S.M. Misra and other Field and Net Planning member such as Retd. from Soil Conservation dept. Sri Ram Singh, Pandey Jee, Sri Ramanujray, Sri Sat pal Yadav and other.

I would like to thank Dr. N.K. Singh (Agriculture Scientist) and Mr. P.K. Srivastava (DPR Expert) of Advanced Geotech Solutions For their time to time support and other PIA Members of Bahraich.

Last but not the least, the guidance and support received from all the members who contributed and who are contributing to preparation of this Details Project Report of Bahraich.

Bhoomi Sanrakshan Adhikari,

Bahraich

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# Project At A Glance

| | | |
|---|---|---|
| 1 | Name of Project | IWMP-1 |
| 2 | Name of Block(s) | Mihinpurwa |
| 3 | Name of District | Bahraich |
| 4 | Name of State | Uttar Pradesh |
| 5 | Name of Watershed | Ghaghra |
| 6 | Code of Micro watershed with cluster coordinate (Longitude, latitude) | **2B1G4b2a- $81^0 12' 46.19''$ to $81^0 16' 53.78''$E<br>$28^0 1' 18.99''$ to $28^0 3' 56.41''$N** |
| | | **2B1G4b1c- $81^0 13' 49.07''$ to $81^0 17' 7.91''$E<br>$27^0 59' 54.03''$ to $28^0 1' 47.76''$N** |
| | | **2B1G4b1b- $81^0 14' 34.76''$ to $81^0 17' 49.26''$E<br>$27^0 55' 44.24''$ to $28^0 0' 1.03''$N** |
| 7 | Name of Gram Panchayats (No.) | 11 |
| 8 | Name of concerned villages (No.) | 12 |
| 9 | Demographic Features | - |
| I | Total Polpulation | 26906 |
| Ii | Male Population | 14439 |
| Iii | Female Population | 12467 |
| Iv | Total SC Population | 3205 |
| V | Sex Ratio | 1000:863 |
| Vi | Total Farmer | 5622 |
| Vii | Large Farmer | 405 |
| Viii | Small Farmer | 1891 |
| Ix | Marginal Farmer | 3326 |
| X | Total Geographical area of Project (ha) | 5237.77 |
| 10 | Treatable area(ha) | 3500.00 |
| 11 | Total Project cost( Lacs) | 420.00 |
| 12 | Cost to be met through convergence | 113.43 |
| 13 | Project Period | 2009-10 to 2012-13 |
| 14 | Formation of Watershed committees | 3 |
| 15 | No. of WCs | 10 |

| | | |
|---|---|---|
| 16 | No. members | 100 |
| 17 | Formation of SHGs | 36 |
| 18 | Total SHG Nos | 128 |
| 19 | Female SHG Nos. | 12 |
| 20 | Total No. of Members | 892 |
| 21 | Formation of UGs | 12 |
| 22 | No. of UGs | 32 |
| 23 | No. of Members | 200 |
| 24 | Important Outcomes indicators | - |
| | (1) Rainfed area (ha) | 3361 |
| | (2) Area under irrigation (ha) | 699 |
| | (3) Area under crops (ha) | 4060 |
| 25 | Ground water status (m) | 3.90-6.70 |
| 26 | Milk Production (Liters)/per day | 81.79 |
| 27 | Average income per family (Rs.) | 20900 |
| 28 | Land holding families | 5622 |
| 29 | Landless/ Poor families | 121 |
| 30 | Employment Generation | |
| | (1) During Project Period | 231667 |
| | (2) After Project | |

# EXECUTIVE SUMMARY

The Ghaghra river watershed comprises of twelve villages named Somai gauri, Bakhtawar Gauri, Girgitti, Gurh, Jalim Nagar, Jhala, Mangauria, Majhra, Pairua, Urra, Madhwapur, Naubana block- Mihipurva of Bahraich district of Uttar Pradesh. This watershed has been identified by the state department under NWDPRA scheme by proper prioritization of different parameters for watershed selection criteria the watershed is located in the North-West of Bahraich district. It lies between 27°55'43.99" N to 28°3'56.52" N latitude and 81° 12'56.45"E to 81° 17' 49.959" E longitude. (Code No. 2BIG4b1b, 2BIG4b1c, 2BIG4b2a.). Its altitude ranges from 124.5 to 142.5 m above the mean sea level (MSL). The total area of watershed is 5237.77 ha. It is surrounded by the catchment of river Ghaghra.

The climate of the region is characterized as arid to semi-arid with average annual rainfall less than 1207 mm annually with an average of 45-60 rainy days. Out of which about 85 percent is received during the monsoon season from July to September. The area receives very little mm. rainfall in the winter season. Temperature ranges from as high as 45°C in the May-June to as low as 3.6°C during December-January. The trend of rainfall is highly erratic and maximum (520mm.) water goes as runoff.

The top most portion (South to West) of the watershed is forest area catchment of river Ghaghra of flat land interlocked between the hillocks. The soils of the area sandy loamy. The middle portion of watershed is relatively flat land with light soil texture. These soils are Light-Brown to yellow in colour and are inherently high in fertility status. Soil texture is clay loam particularly in depressions and loam in the elevated portion.

Agriculture is the main source of income of the farmers of the microwatershed region. In Kharif the main crops are Maize, Arhar & Paddy. Most of the lands are kept fallow because maximum areas are rainfed and the main rabi crop is taken with the conserved moisture of rainfall. In Rabi the main crops are Masoor, wheat and Pea. The wheat and Pea crops are taken in the irrigated fields while the other crops are mostly taken in the rainfed conditions. Only some vegetable crops are taken for domestic purpose and some fruit trees in scattered manner.

The condition of animal is not so good because their breeds are poor & Local feeding standard is not proper & disease management is also in poor condition.

Natural vegetation of the watershed area is very poor. The forest vegetation is predominant with Sagaun, Seesam & Semal. There are occasional occurrence of Neem plants (Azadirachta indica), Pipal, Bargad. There is no grass land in the watershed. Grass patches are seen only on the bunds, road sides and other such places.

The problem of erosion of the watershed is to be tackled by harvesting additional water in existing water harvesting structures, which have lost most of their capacity due to siltation and creating new water bodies. Water stored in the water harvesting tructures shall be properly recycled to provide supplemental irrigation at critical growth stages of crops and for the establishment of fruit orchards and forest trees. The agricultural land will be treated with bunding along with minor leveling. Waste land will be treated with the engineering measures like staggered trenches and afforestation etc.

**CHAPTER-1**

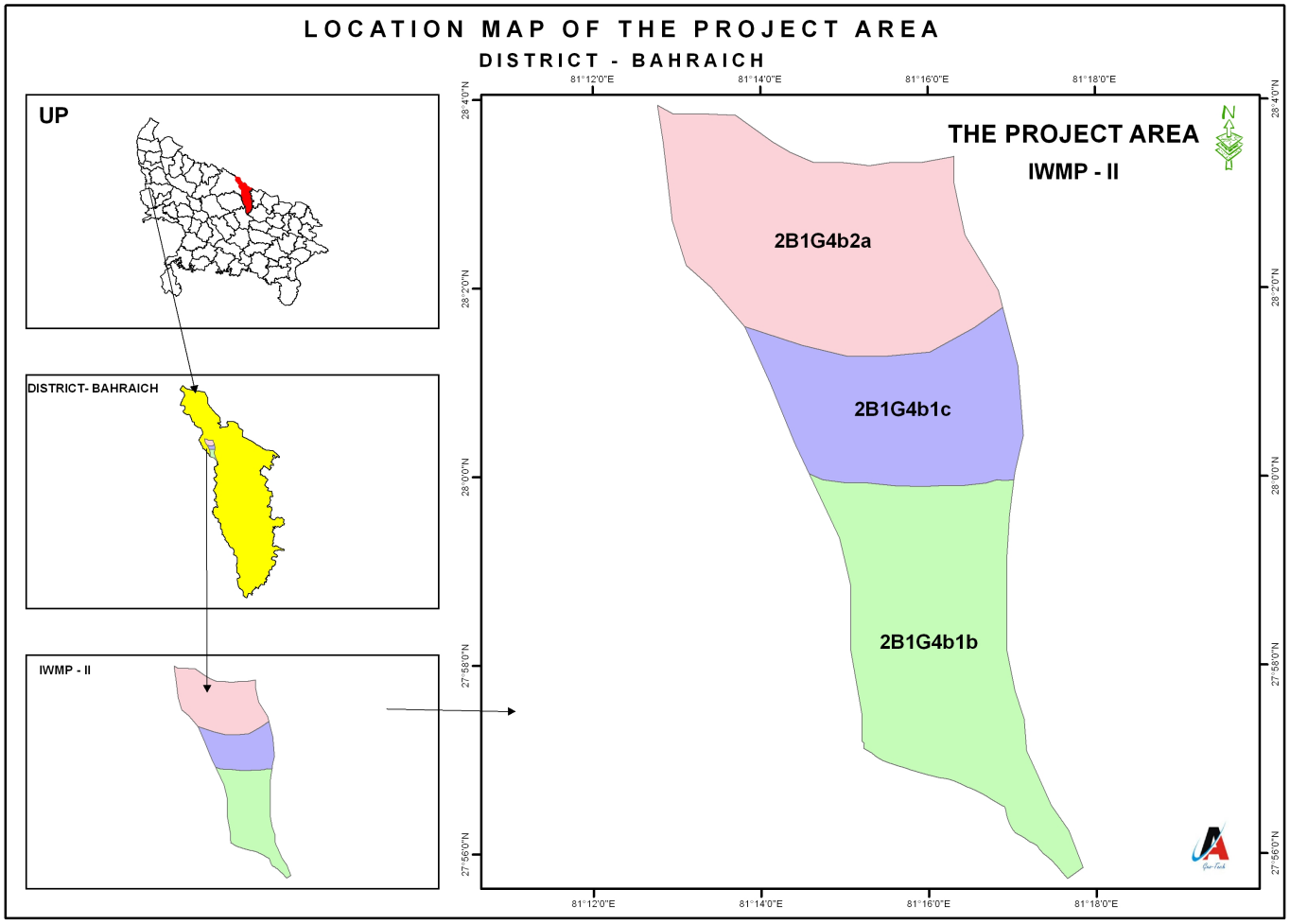
# PROJECT BACKGROUND

## 1.1 Project Background

The watershed, with code No. 2BIG4b1b, 2BIG4b1c, 2BIG4b2a having Geographical area 5237.77 ha is located in North-East Part of Bahraich district of U.P. The area of watersheds is proposed to be taken up by Bhoomi Sanrakshan Adhikari, Department of land development & water resources Bahraich for integrated watershed management programme (IWMP) The duration of this project is between year 2009-10 to 2012-13.

This cluster of Microwatershed fall in Ghaghra watershed that is situated in Mihinpurva Block of Bahraich district (U.P.) its distance about 77 Km from Bahraich and 15 Km from Mihipurva Block .the watershed comprises of 12 village namely Somai gauri, Bakhtawar Gauri, Girgitti, Gurh, Jalim Nagar, Jhala, Mangauria, Majhra, Pairua, Urra, Madhwapur, Naubana, block- mihipurva of Bahraich district. The Area lies between between 27°55'43.99" N to 28°3'56.52" N latitude and 81° 12' 56.45"E to 81° 17' 49.959" E longitude.

Total Area of the Micro watershed is 5237.77 ha (Tretable area 3500 ha ) Elavation ranges from 124.5 to 142.5 m above mean sea level Catchment of river Ghaghra . The maximum soil of the area are Sandy loam. Middle portion of the watershed is relatively flat with light soil texture . These soil are light Brown to yellow in texture and medium in fertility status.


LOCATION MAP OF THE PROJECT AREA
DISTRICT - BAHRAICH
UP
DISTRICT- BAHRAICH
IWMP - II
THE PROJECT AREA
IWMP - II
2B1G4b2a
2B1G4b1c
2B1G4b1b
N
81°12'0"E
81°14'0"E
81°16'0"E
81°18'0"E
28°4'0"N
28°2'0"N
28°0'0"N
27°58'0"N
27°56'0"N

| Status of watershed programme | District- Bahraich | |
|---|---|---|
| Details | No. | Area(in Lac.) |
| 1 | 2 | 3 |
| Total micro watershed in the district | 301 | 442000 |
| Workable Micro watersheds | 242 | 355285 |
| Micro Watersheds already treated by WR & agencies | 215 | 310000 |
| Balance Micro watersheds (MWS) for treatment ( Before start of IWMP in distt.) | 27 | 42285 |

## Table No.1: Approved plan (PPRs) by Steering Committee (SC)/Gov. of India

| S.No | Year | Project/ Phase IWMP | MWS | Area (ha) | Project cost Rs. In lac. | Name of PIA | S.C. meeting date |
|---|---|---|---|---|---|---|---|
| 1 | 2009-10 | IWMP-1 | 3 | 2910 | 349.20 | BSA LD & WR | |
| 2 | 2009-10 | IWMP-2 | 3 | 3500 | 420.00 | " | |

## Table No.2: Status of previous DPRs

| S.no | Approved project (IWMP-1, 2, 3…) | Status of DPr under preparation/prepared/approved by SLNA with date | Project (area in ha) | Treatable area in ha | Project cost Rs.(lac.) | Project period (fin. Year from……..to……. | PIA | |
|---|---|---|---|---|---|---|---|---|
| | | - | - | - | - | - | - | - |

## Table No.3: Details of IWMP for which this DPR is Prepared

| Watershed project | Micro Watersheds (MWS) detail | Micro watersheds code | Name of Watershed in which MWS is falling (River / Nala name) |
|---|---|---|---|
| **IWMP II** | 2B1G4b2a - Naubana | 2B1G4b2a - Naubana | Ghaghra |
| **IWMP II** | 2B1G4b1c-Pairua | 2B1G4b1c-Pairua | |
| **IWMP II** | 2B1G4b1b- Somai Gauri | 2B1G4b1b- Somai Gauri | |

## 1.2 Need of Watershed Development Programme:

Food sufficiency, economic growth and environmental security were identified as the major issues to be addressed in the watershed area. The area has undulating topography, steep unstable slope, and excessive channel gradient and hence highly prone to soil erosion. Effective soil depth is limited and spatially highly variable hampering good crop growth.

Problems identified and prioritized during the transact walk and PRA exercises in all villages Somai gauri, Bakhtawar Gauri, Girgitti, Gurh, Jalim Nagar, Jhala, Mangauria, Majhra, Pairua, Urra, Madhwapur, Naubana were pooled and a list of problems representing the whole watershed was prepared. Problems were ranked as per their total weight age in these villages. Lack of irrigation water was the greatest problem experienced by the people followed by low production of field crops, lack of fodder availability and low animal productivity is low.

Strength, weakness, opportunity and threat (SWOT) analysis is a useful decision support tool, A SWOT analysis of the watershed is presented in below-

## 1.3 SWOT ANALYSIS OF THE PIA:-

## STRENGTH:

(1) Dedicated and experienced staff and a multidisciplinary team

(2) Independent District Level Nodal Agency.

(3) Strong linkages with national and state level institutions, agricultural universities, and NGOs for capacity building and technical guidance.

(4) Scientific planning in watershed projects with the help of D. D.U.G.V.Institute Baxi Tal Lucknow.

(5) District level monitoring, coordination & Co-operation Committee

## WEAKNESS:

- Moisture stress-Drought conditions
- Erosion hazard
- Excess runoff.
- Land degradation
- Low fertility of soil
- Ground water depletion/Low ground water table, poor quality of groundwater
- Low cropping intensity
- Lack of technical knowledge
- Lack of irrigation facilities
- Low productivity of crops
- Low availability of drinking water for human as well as animals
- Overgrazing
- Poor vegetative cover
- Poor/low productive breeds of miltch animals
- Lower milk production
- Lack of feed & fodder availability
- Non availability of wood/fuel
- Lack of proper market facilities

- Lack of educational, transportation, medical & health care facilities
- Low wages
- Small land holdings
- Low income of the households

## OPPORTUNITIES:

(1) A number of different other development schemes of the government are running; so, there can be horizontal integration and convergence of Programmes
(2) Better financial provision under IWMP.

(3) Usage of new ICT tools like GIS, GPS

## THREATS:

(1) Rainfall being very scarce and unreliable in the project area, the activities planned to be taken up may yield limited impact

(2) Irregularities in fund flow can derail the smooth functioning.

(3) Lack of contribution and cooperation from local people

(4) Low literacy rate in the project area.

**Table No.4: Problem identification and prioritization for watershed**

| S.No. | Problem | Rank |
|---|---|---|
| 1. | Low production of field crops | 5 |
| 2. | Lack of drinking water | 3 |
| 3. | Lack of irrigation water | 1 |
| 4. | Lack of fodder availability | 6 |
| 5. | Non-availability of fuel wood | 8 |
| 6. | Lack of inputs like quality seeds, fertilizer, pesticides etc. | 4 |
| 7. | Lack of market facility | 5 |
| 8. | Lack of medical, educational and transportation facilities | 2 |
| 9. | Medical and Health care facilities for milching animals and low productivity. | 4 |

**CHAPTER-2**

# GENERAL DESCRIPTION OF THE PROJECT AREA

# 2.0 General Description of the Project Area

**Table no.5: Watershed information**

| Name Of the Project | No. of micro water sheds to be treated | Watershed Code | Watershed regime/type/order |
|---|---|---|---|
| I.W.M.P. 2nd, **Bahraich** | 3 | **2BIG4b1b, 2BIG4b1c, 2BIG4b2a** | MicroWatershed |

**2.1 Other developmental projects/schemes running in these villages**

These villages being very back ward, has been on top priority of a number of developmental projects. These programmes are

- Mahatma Gandhi National Rural Employment Guarantee Scheme (MNREGS),
- Indira Awas Yojana (IAY).
- Intrigrated Watershed Management Programme in other areas of the district are under operation in the department of Agriculture.

## 2.2 WATER RESOURCE DEVELOPMENT AND SOIL CONSERVATION MEASURES

**1-STATUS OF PRESENT WATER RESOURCES UTILIZATION:** There is no natural water body in the selected area which may used for irrigation. Present assured/Partial irrigation is done by private tub wells,lifting from nala and season river.

**2- PROPOSED PLAN FOR IRRIGATION IN WATER RESOURCE SECTER:** Sprinkler sets for irrigation from private tubewell are distributed by Agriculture Department to Tube well holders on the basis of & Irrigation group. Effort will made to help themiximum tube well holders of selected area to form group and to get sprinkler sets. Therefore, more area will be irrigated by the available irrigation water.

**3- NEW WATER HARVESTING STRUCTURES:** In the 356.00 ha area new and 163.00 ha area renovation of existing watershed harvesting structure / Check Dam will be constructed for water harvesting.

**4- CROP PRODUCTION:-** In the light of the land capability classification of the watershed and need of the farmers, the reallocation of watershed area rainfed and irrigated lands has been done for improving productivity, income generation and maintaining ecological balance. The production crop management plan has the following salient features:

**5- ORGANIC FARMING SYSTEM:** Organic Farming System will be encouraged in the following manner:

1 Maximum use of crop residues in the Integrate plant Nutrients System (IPNS)
2 Prevision of legumes composed in the cropping system.
3 Green manuring with appropriate legumes.
4 Rapid compost using crop residue, domestic and farm waste material and animal dung.

mulching and Crop Residue Management: Sources of milch material includes weeds, pruning from agro-foresting trees and in situ grown legumes and green manure crops. The concept of live milching is based on the principle of mixed cropping whereby a fast growing legumes is established before or simultaneously along with a widely spaced seasonal grain crops such maize, and is incorporated into the soil at an appropriate stage to act on as a milch. Application of organic milch material 4-5 t / ha is recommended.

**GREEN MANURING:** To improve the organic matter and physical condition of the soils , green manuring crops like sanai and sun hemp which supply 20-30 t / ha of green mutter and 85-125 kg/ha of Nitrogen shall be raised and incorporated in to the soil. In 865 ha area green manuring is planned.

7- **SEED TREATMENT WITH RHYZOBIUM CULTURE:** The seed of leguminous crop like black gram, soybean, pea, etc. should be treated with rhyzobium culture before sowing.

8- **TILLAGE OPERATION:** It is advisable to carry out tillage operation like plugging by plank just after the harvest of rabi crops. This will be helpful in conserving moisture for sowing and germinating of next crop in addition.

9- **INTRODUCTION OF IMPROVED SEEDS/VARIETIES:** Short duration and high yielding varieties suitable for this region have been proposed in long duration varieties. Demonstrations of High Yielding Varieties (HYVs) of different crops in 560.00 ha is planned in the watershed however for enough quality in seed requirement farmers of the watershed will be involved to produce required quanStity of seed of the recommended crop varieties.

10- **SOWING METHODS:** Agronomical practices like contour cultivation, strip or inter-cropping, optimum time of sowing , optimum plant population by keeping proper distance from line to line and plants to plants sowing and placement of fertilizer below the seed will help enhancing the crop yields without involving monetary inputs.

11-**CONTROL OF INSECTS PEST AND DISEASES**: Pod borer in gram is the major insect in the watershed area leading to markable loss in crop productivity. Similarly white blister is also a common disease in the mustard crop the management strategies of these insects, pests and diseases will also be demonstrated in the watershed for benefit of the growers and traind in farming programme in such way that they will stand to checkup in primary stage.

12- **DRY LAND HORTICULTURE:** In the selected area 146 ha land is planned for horticulture and agro horticulture. Species like awala, guava, ber, bel, lemon will be planted at suitable site in the watershed.

**Table No.6: Micro Watershed Information**

| S.No. | Microwatershed (MWS) details | Longitude/Latitude | Name of GP | Names of villages | Name of block | Area of village included in MWS | Details of important/ approch road with diatance km. |
|---|---|---|---|---|---|---|---|
| 1 | Somai Gauri 2B1G4b1b | 27°55'43.422" N to 28°0'2.452" N And 81°14'35.77" E to 81° 14'1.78"E | Somai Gauri | Somai Gauri | Mehinpurva | 597.224 | 4Km. |
| | | | | Bakhtawar Gauri | Mehinpurva | 217.156 | 5 Km. |
| | | | Girgitti | Girgitti | Mehinpurva | 95.391 | - |
| | | | Gurh | Gurh | Mehinpurva | 319.719 | - |
| | | | Jalim Nagar | Jalim Nagar | Mehinpurva | 360.586 | 2km. |
| | | | Jhala | Jhala | Mehinpurva | 84.389 | 3Km. |
| | | | Mangauria | Mangauria | Mehinpurva | 131.727 | 4Km. |
| | | **Total** | | | | **1806.194** | |
| 2 | Pairua 2B1G4b1c | 27°59'54.262" N to 28°1'35.606" N And to 81°1'35.035"to 81°17'8.316"E | Girgitti | Girgitti | Mehinpurva | 64.805 | - |
| | | | Gurh | Gurh | Mehinpurva | 402.629 | - |
| | | | Jhala | Jhala | Mehinpurva | 91.435 | 4Km. |
| | | | Majhra | Majhra | Mehinpurva | 125.724 | 2Km |
| | | | Pairua | Pairua | Mehinpurva | 471.485 | 4Km |
| | | | Urra | Urra | Mehinpurva | 114.345 | 3Km |
| | | **Total** | | | | **1270.423** | |
| 3 | Naubana 2B1G4b1c | 28°1'16.589" N to 28°3'56.173" N and 81°12'45.587"E to 81°16'53.086"E | | Kakraha rang | Mehinpurva | 325.939 | - |
| | | | Madhwapur | Madhwapur | Mehinpurva | 28.946 | 5Km. |
| | | | Majhra | Majhra | Mehinpurva | 411.841 | 2Km. |
| | | | Naubana | Naubana | Mehinpurva | 703.775 | 4Km |
| | | | Pairua | Pairua | Mehinpurva | 81.789 | 4Km |
| | | | Urra | Urra | Mehinpurva | 608.871 | 3Km |
| | | **Total** | | | | **2161.161** | |
| | | **Grand Total** | | | | **5237.778** | |

**Table No.7: Slope Percentage of the project area**

| S. No. | Name of MWS & code | Slope range wise area (ha) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 0-0.5% | 0.5-1.0% | 1-3% | 3-5% | >5% | | Others Specify |
| | | | | | | Undulating | Terraced | |
| 1 | SomaiGauri 2B1G4b1b | 372.00 | 586.00 | 570.00 | 278.194 | | - | - |
| 2 | Pairua 2B1G4b1c | 187.00 | 472.00 | 396.00 | 215.124 | | - | - |
| 3 | Naubana 2B1G4b2a | 431.00 | 512.00 | 986.00 | 232.161 | | - | - |

## 2.3 Area under major land uses

**Project- IWMP-II**

The watershed has diversified land uses namely agriculture, waste land (open scrub), seasonal water bodies etc. The varied present land use and area under different categories in watershed is shown in below table. The mixed land use followed in the watershed is almost similar in other parts of the UP. During PRA exercise, the villagers prepared land use. One such map of village of the watershed is shown in Annexure Map.

**Table No.8: Area under major land uses**

| S.No | Name of MWS code | Name of village | Cultivate and wasteland area of the village(ha) | | | | Area details (ha) ( falling within the project | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cultivate rainfal area | Cultivate irrigated area | Uncultivated wasteland fallow | | Pvt. Agri. Land | | | | | Forest | Community land | Settlement of water bodies & ect. | Total |
| | | | | | Temp. | Permanent | Gen | SC | ST | OBC | Total | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 1 | Somaigauri 2B1G4b1b | Somaigauri | 423 | 112.00 | 1.00 | 5.00 | 81 | 63 | - | 397 | 541 | - | 5.00 | 51.224 | 597.224 |
| | | Bakhtawar gauri | 181.00 | 5.00 | 6.00 | 7.00 | 32 | - | - | 167 | 199 | - | 1.00 | 17.156 | 217.156 |
| | | Girgitti | 55.00 | 17.00 | 3.00 | 5.00 | 18 | 32 | - | 30 | 80 | - | 2.00 | 13.391 | 95.391 |
| | | Gurh | 251.00 | 31.00 | 4.00 | 7.00 | 98 | 27 | - | 168 | 293 | - | 3.00 | 23.719 | 319.719 |
| | | JalimNagar | 211.00 | 116.00 | 2.00 | 4.00 | 130 | 54 | - | 149 | 333 | - | 2.00 | 25.586 | 360.586 |
| | | Jhala | 40.00 | 26.00 | 2.00 | 2.00 | 20 | 23 | - | 27 | 70 | - | - | 14.389 | **84.389** |
| | | Mangauria | **64.00** | **47.00** | **4.00** | **4.00** | **48** | **32** | **-** | 35 | **115** | **-** | **-** | **12.727** | **131.727** |
| | | **Total** | **1225.00** | **354.00** | **22.00** | **34.00** | **427** | **231** | **-** | **973** | **1631** | **-** | **13.00** | **158.192** | **1806.192** |
| 2 | Pairua 2B1G4b1c | **Girgitti** | **37.00** | **7.00** | **3.00** | **3.00** | **11** | **18** | **-** | **18** | **47** | **-** | **-** | **14.805** | **64.805** |
| | | **Goorh** | **300.00** | **13.00** | **6.00** | **-** | **112** | **46** | **-** | **161** | **319** | **-** | **6.00** | **77.629** | **402.629** |
| | | **Jhala** | **19.00** | **14.00** | **2.00** | **-** | **8** | **12** | **-** | **15** | **35** | **35.00** | **3.00** | **18.435** | **91.435** |
| | | **Majhra** | **75.00** | **21.00** | **3.00** | **-** | **34** | **26** | **-** | **39** | **99** | **-** | **4.00** | **22.724** | **125.724** |
| | | **Pairua** | **382.00** | **38.00** | **2.00** | **7.00** | **87** | **28** | **-** | **314** | **429** | **-** | **5.00** | **37.485** | **471.485** |
| | | **Urra** | **62.00** | **27.00** | **4.00** | **-** | **38** | **32** | **-** | **23** | **93** | **-** | **7.00** | **14.345** | **114.345** |
| | | **TOTAL** | **875** | **120.00** | **20.00** | **10.00** | **290** | **162** | **-** | **570** | **1022** | **35.00** | **25.00** | **185.423** | 1270.43 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | Naubana 2B1G4b2a | **Madhwapur** | **14.00** | **6.00** | **-** | **1.00** | **-** | **-** | **-** | **21** | **21** | **-** | **1.00** | **6.946** | **28.946** |
| | | **Kakraha Rang** | | | | | | | | | | 325.9 | | | 325.9 |
| | | **Majhra** | **308.00** | **48.00** | **4.0** | **10.00** | **57** | **78** | **-** | **235** | **370** | **-** | **6.00** | **35.841** | **411.841** |
| | | **Naubana** | **568.00** | **51.00** | **12.00** | **-** | **83** | **12** | **-** | **536** | **631** | **-** | **9.00** | **63.775** | **703.775** |
| | | **Pairua** | **49.00** | **15.00** | **2.00** | **3.00** | **15** | **18** | **-** | **36** | **69** | **-** | **1.00** | **11.789** | **81.787** |
| | | **Urra** | **322.00** | **105.00** | **13.00** | **12.00** | **114** | **72** | **-** | **266** | **452** | **-** | **11.00** | **145.871** | **608.871** |
| | | **TOTAL** | **1261.00** | **225.00** | **31.00** | **26.00** | **269** | **180** | **-** | **1094** | **1543** | **35.00** | **28.00** | **264.222** | **2161.16** |
| | | **Grand total** | **3361.00** | **699.00** | **73.00** | **70.00** | **986** | **573** | | **2637** | **4196** | **35.00** | **66.00** | **607.837** | **5237.77** |

## Physiography

### Table no.9: Elevation range, relief height difference etc

| | Elevation of watershed from MSL | | |
|---|---|---|---|
| **Micro watershed** | **Highest** | **Lowest** | **Differnces** |
| **SomaiGauri 2B1G4b1b** | **138.00** | **125.00** | **13** |
| **Pairua 2B1G4b1c** | **137.00** | **124.00** | **13** |
| **Naubana 2B1G4b2a** | **138.00** | **125.00** | **13** |

## 2.4 Climatic Condition

## Average monthly Rainfall, and Temperature of the last five years:-

| Month | Year/Rainfall in mm. | | | | | | Temperature c | |
|---|---|---|---|---|---|---|---|---|
| | 2006 | 2007 | 2008 | 2009 | 2010 | Average | Max. | Min. |
| January | 0.0 | 0.0 | 5.8 | 0.0 | 0.0 | 1.16 | 14.6 | 4.5 |
| February | 0.0 | 76.6 | 8.6 | 1.4 | 17.7 | 20.86 | 22.0 | 6.5 |
| March | 19.0 | 27.2 | 0.0 | 0.2 | 0.0 | 9.28 | 27.0 | 10.26 |
| April | 2.9 | 10.5 | 21 | 0.2 | 0.0 | 6.92 | 35.5 | 16.5 |
| May | 74.6 | 165.8 | 23.5 | 144.9 | 21.8 | 86.12 | 43.00 | 22.6 |
| June | 186.2 | 70.6 | 209.2 | 100.3 | 71.6 | 127.58 | 44.5 | 23.00 |
| July | 376.5 | 477.6 | 369.9 | 235.1 | 335.1 | 358.84 | 37.50 | 22.36 |
| August | 230.9 | 340.8 | 268.8 | 349.1 | 245 | 286.92 | 32.65 | 21.50 |
| September | 290.8 | 290.8 | 331.6 | 170.2 | 149.6 | 246.6 | 30.0 | 19.60 |
| October | 24.3 | 24.3 | 34.1 | 214.2 | 4.4 | 60.26 | 26.5 | 17.50 |
| November | 0.0 | 0.0 | 0.0 | 1.2 | 0.4 | 0.32 | 21.30 | 14.5 |
| December | 12.0 | 0.1 | 0.0 | 1.8 | 0.0 | 2.78 | 12.50 | 4.8 |

The rainfall is scanty which has resulted in recurrent phenomenon of drought in every two to three years. The average rainfall of this area is about 1207 mm. (from past five year data) with a highest intensity of 87 mm within span of a day. This uneven distribution is leading to run off of soil every year to the streams, rivulets and depressed area of IWMP- 2, Bahraich

## 2.5 Land Capability Classification (LCC)

Land capability classification was done to classify the soils in different groups based upon the limitations and to emphasize the hazards prevailing in the watershed under different kinds of soils. Initially reconnaissance survey was carried out for entire watershed in order to find out the different topo-sequences, landforms, soil depth and erosion hazards. This was followed by the detailed investigation of selected landforms to bring out the LCC classes of the Watershed. Three classes of land capability namely II, IV, and VII were demarcated in the watershed. The areas under different classes are sown in table 15 and Annexure map.

**Table No.10: Area under different land capability class under watershed**

| Land Capability Class | Type of land | Area (ha.) |
|---|---|---|
| II | Agriculture land | 3703.00 |
| III | Agriculture land & Horticulture | 357.00 |
| IV | Gullide land | - |
| VII | Forest land & Others | 1177.77 |
| **Total** | | **5237.77** |

### 2.5.1 Land capability class II (Brown)

This group is one of the most extensive LCC class of the watershed. This group of soil is occupying around 2698.00 ha. of the watershed area. The soils are shall be loam or loam in texture. The land under this class is nearly level to mild sloping (1-3%). The soils are deep and erosion hazard is slight. Most of the productive agriculture land comes under class II. The lands are almost flat, or sandy loam in texture, deep and very mild slopping. The mapping unit for this class is given as under:

Land capability class $II_e$ = scl-$d_5$/B-$e_1$

### 2.5.1 Land capability class III (Yellow)

It is noted that at area of 356 ha. Is occupied by class III in the watershed area. Almost entire area under this class occurring over lower, moderate and higher Slopes has been converted in to terrace for agriculture. Erosion hazard is moderate, since the terraces are nearly level and well bunded in general. At Several points water from natural springs is diverted to the terraces for irrigation. Annexure map LCC.

### 2.5.2 Land capability class IV (Light brown)

A considerable area of watershed *i.e.* 1134 ha is under class IV. This class is found in lower portion i.e. near the outlet of watershed. The soils are coarser in texture (loamy sand/sand), deep, susceptible to erosion hazard and undulating in topography. Rill and initiation of gully can be seen near the outlet of the watershed. The mapping unit for this class is as follows:

Land capability class $IV_e$ = ls-$d_5$/C-$e_3$, $IV_{es}$ = ls-$d_3$/D-$e_3$ (Foot hill soil)

### 2.5.3 Land capability class V (Brown)

These lands are occupying an area of 306.00 ha of the watershed. This class of land is mostly found in ravinous area of watershed. The soils are un productive with steep slope (>15%) and coarser in texture. Mostly red soils are found under this class.

**Annexure for Land capabilities classification map of the watershed**

### 2.5.4 Mapping units symbol

Soil depth (cm) $d_5$- > 90 cm; $d_3$- 22.5-45.0; $d_1$<7.5 cm

Texture cl- clay loam; ls- loamy sand; gls-gravelly loamy sand

Slope (%) B-1-3; C-3-5; D-5-10%; H-25-33; I-33-50

Erosion $e_1$- 25% of A horizon lost; $e_2$- 50-75% of A horizon lost $e_4$- 50-75% B horizon lost.

**Conclusions**

The land capability classification of the watershed provides reasonable good information with regard to capability of soil, that could be used for agriculture, agri-horticulture, silviculture and pasture development. The majority of land form is coming under class II, which give an insight of good agriculture production potential of this watershed. The productivity of these lands could be further enhanced by adoption of simple soil & water conservation measures like mild leveling, bunding, diversion drain and in-situ moisture conservation practices. The reasonable area is under class VII indicating greater potential of this watershed for forestry and pasture development. The major physical limitations in case of agriculture soils are the sub soil hardness, low water infiltrability and slope

## 2.6 Agriculture

Various agricultural land uses in the watershed are extended to diversified land capabilities starting from marginal to good class II lands. The watershed distinctly has three types of lands i.e. leveled, sloping and degraded and undulating. The agriculture is practiced on all these soil types though the productivity considerably varies. The total area under agriculture in the watershed is about 4060 ha out of which 3361 ha is under rain-fed agriculture. The water (both irrigated and drinking) is most scarce natural resource in the watershed. The operation of tube wells for irrigation of agricultural crops frequently leads to the drinking water problem to the farmers of watershed forcing them to carry drinking water from outside the watershed area. The agricultural field bunds are common in the watershed, however, they frequently breach on heavy rains adversely affecting the *in situ* percolation of rain water in the soils.

The agriculture soils in the watershed have diversified texture i.e. loam sand which is located in patches throughout the watershed. The heavy soils are almost kept fallow during rainy season. The agricultural soils also have hard calcium pan at variable depths. The irrigation water is conveyed in earthen channels and surface irrigation methods following mainly flood method of irrigation by the farmers in the watershed. These factors substantially reduce the water use efficiency of limited available and valuable irrigation water in the watershed. The quality of irrigation water needs to be tested for assessing fitness of the quality for irrigation and other purposes.

Rehabilitation of waste lands with appropriate drought hardy species like Prosopis juliflora, introduction of suitable multi-purpose trees, promoting agro-forestry on agricultural lands with appropriate fruit and forest species, suitable vegetative barriers on sloping lands can of high future value in meeting out not only fire wood and fodder demands in the watershed but also for soil and water conservation, rehabilitation of wasteland and substantial income generation for socio-economic uplift ment of farmers in the watershed.

## One year rotation

**Rainfed Agricuture**

**Single cropping**

Fallow-mustard/ wheat/ gram/Pea/ Masoor/ winter vegetables, Arhar.

**Double cropping**

jowar/ sesame/ black gram/ green gram- Pea/ wheat/ gram/ Masoor/ winter vegetables

**Irrigated agriculture**

**One year rotation**

Bajra/ jowar/ sesame/ black gram/ green gram- Pea/ wheat/ winter vegetables

**Crop productivity**

The agricultural productivity is primarily driven by the amount and distribution of rain water specifically during two cropping seasons i.e. rabi and kharif. Productivity of kharif crops is also affected by the late onset or early withdrawal of monsoon as well as intermittent droughts of variable duration and intensity. The farmers also do not have suitable cropping systems to deal aberrant weather. Weeds impose considerable constraint in productivity of kharif crops under irrigated as well as rain-fed production system.

The mixed cropping is in practice in limited area with kharif crops like arhar and jowar but it is not only irrational but also unscientific and beset with low productivity. Imbalanced use of fertilizers is common in rabi and kharif crops both it in rain-fed and irrigated production system. The recommended deep Ploughing for enhanced in situ residual soil moisture conservation and higher production is also not followed in the watershed. The shallow plowing tractor drawn tillage implements are available with the farmers in the watershed but deep plowing implements yet need to be introduced.

The soil fertility/health restoration practices like green manuring, crop rotations and intercropping specifically with legumes, use of FYM/ compost, Vermi compost, bio fertilizers, soil and water conservation measures, use of brought up or in situ mulches are widely lacking in the watershed. The soil and water conservation measures are limited to mechanical/ earthen measures created by the state Govt. agencies. Conservation agronomical measures like seeding and plowing across the slope, weed mulching, agro-forestry, vegetative barriers etc also completely lack in the watershed.

## 2.7 Indigenous technological knowledge (ITK)

The agriculture is an old traditional practice of farmers in the watershed who have improved themselves with passage of the time according to their domestic need and technological reforms in the nearby areas. The villagers have their traditional village ponds, practice of field bunding which typically constitute agriculture related ITKs in the watershed.

## 2.8 Forest and Other Vegetation

**Forests:** There is considerable forest area in the watershed that occupied 360.93 ha.area.

**Horticulture /Agro-forestry**

No horticulture and Agro forestry practices were observed in the watershed till date but it is proposed in DPR.

## 2.9 Agro forestry

The agro-forestry practices are highly lacking in the watershed though it has good potential under existing dispositions and may play a vital role particularly with respect to minimization of cropping risk, build up soil fertility and productivity, soil conservation, partly meeting out the fire wood demand of rural community and moreover, optimizing the economical return from system as a whole under typical semi arid climate in the watershed. The other agro-forestry systems like agri-silvi, agri-horti, silvi-pastoral, and bund and boundary plantations also have good potential to cater the fire wood and fodder demands of the rural community in the watershed. The existing area under agro-forestry is almost negligible. Prosopis juliflora may be planted as block or sole plantation specifically on marginal and degraded lands in the watershed. The agro-forestry interventions comprising of ber, bail, aonla, guava, popular etc may be applied for benefit of the farmers under rain-fed to irrigated production systems on leveled to sloping and marginal agricultural using proper planting techniques and termite control measures. The multipurpose trees may also help in supplementing fire wood and fodder demands of the rural community in the watershed and may be planted as hedge rows on rain-fed, marginal and degraded lands.

### 2.10 Horticulture

The subtropical fruits and vegetables have very good potential in the watershed. The fruit trees are in limited in number like guava, papaya, lemon, lime, ber, aonla as well as vegetables like cucurbits, okra, radish, tomato, cauliflower, cabbage, garlic, onion, brinjal, chilly but they are found surviving well in the watershed villages. Organized orchards, commercial vegetable cultivation, horti-agri and other systems of agro-forestry etc are lacking but have good potential in the watershed.

## 2.11 SOIL AND LAND CAPABILITY CLASSIFICATION

## 2.12 Soil morphology

The watershed is located North West corner of the Bahraich district. The entire watershed is topographically divided into three major landforms. Accordingly, the soils of watershed have been grouped in three major categories.

i) Plain land
ii) Undulated land

## 2.13 Soil characteristics and fertility status

Soil characteristics pertaining to soil fertility of various classes occurring around different villages are given in Table.

### 2.13.1 Soil Characteristics and Fertility Status

| Soil properties | LCC II | LCC IV | LCC VII/VIII |
|---|---|---|---|
| Sand (%) | 27.90 | 53.00 | 72.90 |
| Silt (%) | 24.10 | 18.60 | 20.30 |
| Clay (%) | 46.30 | 25.18 | 6.68 |
| Texture | Clay Loam | Loamy Sand | Sandy Loam |
| pH (1: 2) | 7.30 | 7.25 | 7.15 |
| EC (dS $m^{-1}$) | 0.17 | 0.12 | 0.15 |
| Organic carbon (%) | 0.38 | 0.31 | 0.20 |
| Available N (kg $ha^{-1}$) | 370 | 308 | 238 |
| Available P (kg $ha^{-1}$) | 11 | 9.00 | 7.95 |
| Available K (kg $ha^{-1}$) | 308.10 | 291.80 | 264 |

*Values correspond to soil fraction < 2mm

## 2.13.2 - SOIL AND TOPOGRAPHY:

The selected area lies in the last border of District- Baharaich & Khiri Lakhimpur.The soil is mainly Sandy-Loam soil which is easily transportable after detaching causing to several soil erosion. In the watershed area mainly four types of soil are found named as - Sandy-Loam, which are also the main soil of plainly region. There is main showing crop in the area are pulses which consume more phosphorous. Therefore, serious deficiency of phosphorous is in this area.

## TABLE NO. 11: SOIL TYPE AND TOPOGRAPHY:

| S. No. | Name of the Agro-climatic zone covers project area | Area in ha | Names of Watershed | Major soil types | | Topography |
|---|---|---|---|---|---|---|
| | | | | a)Type | b) Area to be treated in ha | |
| 1. | Tropical Climate | 5237.77 | IWMP 2nd Baharaich | Sandy-Loam | 3500.00 | Flat to severe slope |

**Table No.12: Details of soil erosion in the project area**

**Names of project IWMP -II**

| S.N. | Name of Micro Watershed | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|---|
| | | Cause | Type of erosion | Area affected (ha) | Run off (mm/ year) | Average soil loss (Tonnes/ ha/ year) |
| | | Water erosion | | | | |
| 1 | **Somai Gauri 2B1G4b1b** | a | Sheet | 1167.194 | 520.00 | 16-20 |
| | | b | Rill | 436.00 | | |
| | | c | Gully | 203.00 | | |
| | | **Total** | | **1806.194** | **520.00** | **16-20** |
| 2 | **Pairua 2B1G4b1c** | a | Sheet | 505.423 | 520.00 | 16 - 20 |
| | | b | Rill | 492.00 | | |
| | | c | Gully | 273.00 | | |
| | | **Total** | | **1270.423** | | |
| 3 | **Naubana 2B1G4b2a** | a | Sheet | 1051.00 | 520.00 | 16-20 |
| | | b | Rill | 812.00 | | |
| | | c | Gully | 298.161 | | |
| | | **Total** | | **2161.161** | | |

## Table No. 13: Details of flood and drought in the project area

| Project-IWMP-I1S.No | Name of microwatershed | Particulars | Villages | Periodicity | | Not affected |
|---|---|---|---|---|---|---|
| | | | | Annual | any other | |
| 1 | Somai Gauri 2B1G4b1b Pairua 2B1G4b1c Naubana 2B1G4b2a | Flood | No. of villages | 0 | 0 | |
| | | | Name of villages | - | - | |
| | | Drought | No. of villages | 12 | 0 | |
| | | | Name of villages | Somai gauri, Bakhtawar Gauri, Girgitti, Gurh, Jalim Nagar, Jhala, Mangauria, Majhra, Pairua, Urra, Madhwapur, Naubana | | |

## Table No.14: Soil Texture

### Project- IWMP II,

| S. No. | Area in different Soil Group (ha) | | | |
|---|---|---|---|---|
| | Light textured soil (sandy- loamy sand) | Medium textured soil (Sandy loam, loam, silt loam) | Heavy textured soil (Clayey) | Others specify …….. |
| 1 | 2 | 3 | 4 | 5 |
| | 3298 | 1426 | 513.77 | - |
| Total | 3298 | 1426 | 513.77 | - |

## 2.14 SOCIO ECONOMIC ANALYSIS OF THE PROJECT

## 2.15-SUSTAINABILITY AND ENVIRONMENTAL SECURITY:

In the proposed watershed management plan of Ghaghra, proper blending of bio engineering measures will be applied. The proposed land use plan will improve the land utilization index and crop diversification index significantly as compared to existing one. It will help in maintaining ecosystem integrity on sustained basis.

## 2.16-ECONOMIC ANALYSIS:

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

## 2.16.1 BENEFIT COST RATIO OF I.W.M.P.-IInd BAHARAICH

| Year | Construction cost (00,000 Rs.) | Operation and maintenance cost (00,000 Rs.) | Benefit (00,000 Rs.) |
|---|---|---|---|
| 1 | **131.904** | **06.35** | **15.89** |
| 2 | **197.856** | **15.89** | **63.59** |
| 3 | **131.904** | **22.25** | **97.37** |
| 4 | **197.856** | **31.80** | **318.00** |
| 5 | **0** | **31.80** | **318.00** |
| 6 | **0** | **31.80** | **318.00** |
| 7 | **0** | **31.80** | **318.00** |
| 8 | **0** | **31.80** | **318.00** |
| 9 | **0** | **31.80** | **318.00** |
| 10 | **0** | **31.80** | **318.00** |

## BY BENEFIT, COST RATIO METHOD

| S.No. | Item | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Discount factor 10% | 0.909 | 0.826 | 0.751 | 0.683 | 0.621 | 0.564 | 0.513 | 0.467 | 0.424 | 0.386 | |
| 2 | Total cost ( 00,000 Rs.) | 165.326 | 254.354 | 181.226 | 270.264 | 31.80 | 31.80 | 31.80 | 31.80 | 31.80 | 31.80 | |
| 3 | Benefit (00,000 | 15.89 | 63.59 | 97.37 | 318.00 | 318.00 | 318.00 | 318.00 | 318.00 | 318.00 | 318.00 | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rs.) | | | | | | | | | | | |
| 4 | $\sum$ Cost | 150.28 | 210.09 | 136.09 | 184.59 | 19.74 | 17.93 | 16.31 | 14.85 | 13.48 | 12.27 | **775.63** |
| 5 | $\sum$ Benefit | 14.44 | 52.52 | 73.12 | 217.19 | 197.47 | 129.35 | 163.13 | 148.50 | 134.83 | 122.74 | **1303.29** |

**Benefit cost ratio** $= \frac{\sum Benefit}{\sum Cost}$

$= \frac{1303.29}{775.63}$

**=1.68:1**

**Hence OK**

## 2.17 STATUS OF FOOD REQUIREMENT AND AVAILABILITY PER ANNUM IN

## GHAGHRA WATERSHED

| Sl.No. | Item | Requirement Q / yr. | Before Project | | Proposed | |
|---|---|---|---|---|---|---|
| | | | Availability Q / yr. | Deficit or Surplus Q / yr. | Availability Q / yr. | Deficit or Surplus Q / yr. |
| 1. | **Cereals** | **50725** | **40580** | **- 10145** | **51740** | **+ 1015** |
| 2. | **Pulses** | **25362** | **20290** | **- 5072** | **26882** | **+ 1520** |
| 3. | **Oil Seeds** | **4227** | **3380** | **- 847** | **4437** | **+ 210** |
| 4. | **Vegetables** | **25362** | **13950** | **-11472** | **26208** | **+ 846** |

**CHAPTER-3**

# BASELINE SURVEY AND PARTICIPATORY RURAL APPRAISAL

**Table No.15: Demographic Features with Ethnographic Details of Communities**

| S.no | Name of microwatershed | Name of village | Total population | | | Population of SC/ST | | |
|---|---|---|---|---|---|---|---|---|
| | | | Total | Male | Female | Total | Male | Female |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** |
| 1 | **Somai Gauri 2B1G4b1b** | Somai Gauri | 1584 | 882 | 702 | 202 | 113 | 89 |
| | | Bakhtawar Gauri | 52 | 29 | 23 | - | - | - |
| | | Girgitti | 3136 | 1682 | 1454 | 479 | 265 | 214 |
| | | Gurh | 3486 | 1888 | 1598 | 237 | 136 | 101 |
| | | Jalimnagar | 4361 | 2297 | 2064 | 641 | 349 | 292 |
| | | Total | 12619 | 6778 | 5841 | 1559 | 863 | 696 |
| **2** | **Pairua, 2B1G4b1c** | Pairua | 1681 | 941 | 740 | 19 | 12 | 7 |
| | | **Total** | **1681** | **941** | **740** | **19** | **12** | **7** |
| **3** | **Naubana 2B1G4b2a** | Naubana | 4518 | 2388 | 2330 | 382 | 191 | 191 |
| | | Urra | 8088 | 4332 | 3756 | 1245 | 645 | 600 |
| | | **Total** | **12606** | **6720** | **5886** | **1627** | **836** | **791** |
| | | **Grand Total** | **26906** | **14439** | **12467** | **3205** | **1711** | **1494** |

## Table no. 16: Details of infrastructure in the project areas*

## Project- IWMP II

| Name of Micro Watershed | | Parameters | | Status | | | |
|---|---|---|---|---|---|---|---|
| Pairua 2B1G4b1c | | (i) | Name of villages connected to the main road by an all-weather road | Pairua, Goorh, Jhala | | | |
| | | (ii) | Village's Name provided with electricity | Pairua, Goorh, Jhala | | | |
| | | (iii) | No. of households without access to drinking water | Nil | | | |
| | | (iv) | No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI) | (P)-03 | (S)-06 | (HS)-Nil | (VI)-Nil |
| | | (v) | Names of villages with access to Primary Health Centre | All (13Km. Mihinpurva PHC) | | | |
| | | (vi) | Names of villages with access to Veterinary Dispensary | " | | | |
| | | (vii) | Names of villages with access to Post Office | All | | | |
| | | (viii) | Names of villages with access to Banks | All(0-3 Km. Goorh) | | | |
| | | (ix) | Names of villages with access to Markets/ mandis | All (13Km. Mihinpurva) | | | |
| | | (x) | Names of villages with access to Agro-industries | Nil | | | |
| | | (xi) | Total quantity of surplus milk deficit | Apprx. 156 Lt. | | | |
| | | (xii) | No. of milk collection centres (e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O)) | (U) - Nil | (S)-Nil | (PA)-12 | (O)-Nil |
| | | (xiii) | Name of villages with access to Anganwadi Centre | Pairua, Goorh, Jhala | | | |
| | | (xiv) | Any other facilities with names of villages (please specify) | ----- | | | |

## Details of infrastructure in the project areas*

| Name of Micro Watershed | | Parameters | | Status | | | |
|---|---|---|---|---|---|---|---|
| Somai Gauri 2B1G4b1b | | (i) | Name of villages connected to the main road by an all-weather road | Somai gauri, Girgitti, Jalim Nagar, Mangauria | | | |
| | | (ii) | Village's Name provided with electricity | ,, | | | |
| | | (iii) | No. of households without access to drinking water | Nil | | | |
| | | (iv) | No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI) | (P)-07 | (S)-02 | (HS)-Nil | (VI)-Nil |
| | | (v) | Names of villages with access to Primary Health Centre | All(15 Km. Mihinpurwa) | | | |
| | | (vi) | Names of villages with access to Veterinary Dispensary | All(15 Km. Mihinpurwa) | | | |
| | | (vii) | Names of villages with access to Post Office | All(15 Km. Mihinpurwa) | | | |
| | | (viii) | Names of villages with access to Banks | All (4 Km.)Goorh | | | |
| | | (ix) | Names of villages with access to Markets/ mandis | All(Urra) | | | |
| | | (x) | Names of villages with access to Agro-industries | Nil | | | |
| | | (xi) | Total quantity of surplus milk deficit | Apprx. 60 Lt. | | | |
| | | (xii) | No. of milk collection centres (e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O)) | (U)-Nil | (S)-Nil | (PA)-3 | (O)-Nil |
| | | (xiii) | Name of villages with access to Anganwadi Centre | Somai gauri, Girgitti, Jalim Nagar, Mangauria | | | |
| | | (xiv) | Any other facilities with names of villages (please specify) | -- | | | |

## Details of infrastructure in the project areas*

| Name of Micro Watershed | | Parameters | | Status | | | |
|---|---|---|---|---|---|---|---|
| **Naubana 2B1G4b2a** | | (i) | Name of villages connected to the main road by an all-weather road | Naubana, Urra, Majhra | | | |
| | | (ii) | Village's Name provided with electricity | ,, | | | |
| | | (iii) | No. of households without access to drinking water | Nil | | | |
| | | (iv) | No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI) | (P)-05 | (S)-02 | (HS)-Nil | (VI)-Nil |
| | | (v) | Names of villages with access to Primary Health Centre | All(16 Km Mehinpurva) | | | |
| | | (vi) | Names of villages with access to Veterinary Dispensary | All 16 Km. Mehinpurva | | | |
| | | (vii) | Names of villages with access to Post Office | All 16 Km. Mehinpurva | | | |
| | | (viii) | Names of villages with access to Banks | All (0-4 Km. From Urra) | | | |
| | | (ix) | Names of villages with access to Markets/ mandis | All (16 Km Mehinpurva) | | | |
| | | (x) | Names of villages with access to Agro-industries | Nil | | | |
| | | (xi) | Total quantity of surplus milk deficit | Apprx. 253 Lt./Day | | | |
| | | (xii) | No. of milk collection centre(s) (e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O)) | (U)-Nil | (S)-Nil | (PA)-5 | (O)-Nil |
| | | (xiii) | Name of villages with access to Anganwadi Centre | Naubana, Urra, Majhra | | | |
| | | (xiv) | Any other facilities with names of villages (please specify) | 0 | | | |

## Table No.17: DETAILS OF COMMON PROPERTY RESOURCES IN THE PROJECT AREA

## Project- IWMP II

| S. No. | Names of MWS with code | CPR Particulars | Total Area (ha) Area owned/ In possession of | | | | Area available for treatment (ha) | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pvt. persons | Govt. (specify deptt.) | PRI | Any other (Pl. Specify) | Pvt. persons | Govt. (specify deptt.) | PRI | Any other (Pl. Specify) |
| 1 | **Somaigauri 2B1G4b1b** | I)Wasteland/ degraded land | 0 | 4 | - | - | 2 | - | - | - |
| | | (i) Pastures | 0 | 0 | - | - | - | - | - | -- |
| | | (ii) Orchards | 06 | 0 | - | - | -- | - | - | - |
| | | (iii) Village Woodlot | 0 | 0 | - | - | - | - | - | |
| | | (iv) Forest | 0 | - | - | - | - | - | - | - |
| | | (v) Village Ponds/ Tanks | 02 | 1 | - | - | - | - | - | - |
| | | (vi) Community Buildings | 03 | 1 | | - | - | - | - | - |
| | | (vii) Weekly Markets | - | - | - | | - | - | - | - |
| | | (viii) Permanent markets | - | 0 | - | - | - | - | - | - |
| | | (ix) Temples/ Places of worship | 1 | 0 | - | - | - | - | - | - |
| | | (x) Others (Pl. specify), Community Land | 0 | 0 | | - | | 13 | | |

# Details of common property resource in the project area

Project- IWMP-II

| s. no | Name of MWS with code | | CPR particulars | Total area ( ha) Area woned/ in possession of | | | | Area available for treatment(ha) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Pvt. Person | Govt. (specify deptt.) | PRI | Any other (Pl.Specify) | Pvt. Person | Govt. (specify deptt.) | PRI | Any other (Pl.Specify) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | **Naubana 2B1G4b2a** | | (i)Wasteland/ degraded land | 0 | 20 | 0 | 0 | 16 | 0 | 0 | 0 |
| 2 | | | ii) Pastures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | iii)Orchards | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | | | iii) Village Woodlot | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | | iv) Forest | 0 | 325.93 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | | v) Village Ponds/Tanks | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | | | vii) Community Buildings | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | | | viii) Weekly Markets | 2 | - | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | | | ix) Parmanent markets | 3 | - | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | | | x) Temples/ Places of worship | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | | | xi) Other) Pl. specify) Community Land | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 |

# Details of common property resource in the project area

Project- IWMP-II

| s. no | Name of MWS with code | | CPR particulars | Total area ( ha) Area woned/ in possession of | | | | Area available for treatment(ha) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Pvt. Person | Govt. (specify deptt.) | PRI | Any other (Pl.Specify) | Pvt. Person | Govt. (specify deptt.) | PRI | Any other (Pl.Specify) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | **Pairua 2B1G4** | | (i)Wasteland/ degraded land | 0 | 31 | 0 | 0 | 0 | 16 | 0 | 0 |
| 2 | | | ii) Pastures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | iii)Orchards | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | | | iii) Village Woodlot | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | | iv) Forest | 0 | 35.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | | v) Village Ponds/Tanks | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | | | vii) Community Buildings | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | | | viii) Weekly Markets | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | | | ix) Parmanent markets | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | | | x) Temples/ Places of worship | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | | | xi) Other) Pl. specify) Community Land | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 |

## Table No.18: Details of seasonal migration from project area Pre- Project Status

| S.No | Names of watershed | Name of village | No. of persons migrating | No. of days per year of migration | Major reason(s) for migrating | Distance of destination from the village(km) | Occupation during migration | Income from such occupation (Rs. In lac.) |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | **Somai Gauri 2B1g4b1b** | Soma Gauri | 52 | Av. 130 days | Unemployment | 150 to 400 | Labour | 8.43 |
| | | Bakhtawar gauri | 2 | ,, | ,, | ,, | ,, | .32 |
| | | Girgitti | 87 | ,, | ,, | ,, | ,, | 14.10 |
| | | Goorh | 158 | ,, | ,, | ,, | ,, | 25.63 |
| | | Jalim nagar | 162 | ,, | ,, | ,, | ,, | 26.26 |
| | | Total | 461 | ,, | ,, | ,, | ,, | 74.74 |
| 2 | **Pairua 2B1G4b1c** | Pairua | 36 | ,, | ,, | ,, | ,, | 5.84 |
| | | TOTAL | 36 | | | | | 5.84 |
| 3 | **Naubana 2B1G4b2a** | Naubana | 92 | ,, | ,, | ,, | ,, | 14.91 |
| | | Urra | 166 | ,, | ,, | ,, | ,, | 26.78 |
| | | Total | 258 | | | | | 41.69 |
| | Grand Total | | 755 | | | | | 122.27 |

## Table No.19: Livestock Population

| S.N. | Name of Micro watershed with code. | Name of Village | Cow | | Buffalow | | Ox/Bull | Goat | Sheep | Piggeries | Poultry | | | Other specify |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Desi | Crossed | Desi | Murrah | | | | | Broiler | Layers | Total | |
| 1 | Somai Gauri 2B1g4b1b | **SomaiGauri** | 296 | - | 477 | - | 99 | 244 | - | 3 | - | - | - | |
| | | Bakhtwar gauri | 36 | - | 35 | - | 22 | 1 | - | | - | 16 | - | |
| | | Girgitti | 344 | - | 720 | - | 284 | 384 | 8 | 1 | - | 24 | - | |
| | | Goorh | 226 | - | 146 | 301 | - | 226 | - | - | - | - | - | |
| | | JalimNagar | 1103 | - | 489 | - | 201 | 1252 | 26 | - | - | 559 | - | |
| | | **Total** | **2005** | **-** | **1867** | **301** | **606** | **2107** | **34** | **4** | **-** | **599** | **-** | |
| 2 | Pairua 2B1G4b1c | Pairua | 328 | - | 380 | - | 216 | 259 | - | - | - | 65 | - | |
| | | **Total** | **328** | **-** | **380** | **-** | **216** | **259** | **-** | **-** | **-** | **65** | **-** | |
| 3 | Naubana 2B1G4b2a | Naubana | 714 | - | 454 | - | 214 | 644 | - | - | - | 145 | - | |
| | | urra | 1383 | - | 618 | - | 245 | 1685 | 431 | 62 | - | 60 | - | |
| | | **Total** | **2097** | **-** | **1072** | **-** | **459** | **2329** | **431** | **62** | **-** | **305** | **-** | |
| | | **Grand total** | **4430** | **-** | **3319** | **301** | **1281** | **4695** | **465** | **66** | **-** | **969** | **-** | |

## Table No.20: Details of Livestock Productivity

| S.No. | Name of Micro watershed with code | Name of Village | Milk Production (Liter Per day) | | | | Goatry | Poultry | | Piggeries weight Kg/Pig |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cows | | Buffalos | | Weight in Kg/goat | Broiler Weight in Kg/ Brl | Layers No. of eggs/day | |
| | | | Desi | Crossed | Desi | Murrah | | | | |
| 1 | Somai Gauri 2B1g4b1b | **SomaiGauri** | 370 | - | 1050 | | 8.7 | - | - | 23 |
| | | Bakhtwar gauri | 45 | - | 78 | | 9.3 | - | 24 | - |
| | | Girgitti | 430 | - | 1584 | | 8.6 | - | 36 | 18 |
| | | Goorh | 285 | - | 322 | 812 | 7.8 | - | - | - |
| | | JalimNagar | 1392 | - | 1076 | - | 8.2 | - | 838 | - |
| | | **Total** | 2522 | - | 4110 | 812 | - | - | - | - |
| 2 | Pairua 2B1G4b1c | Pairua | 450 | - | 897 | - | 8.9 | - | 97 | - |
| | | **Total** | **450** | **-** | **897** | **-** | **8.6** | **-** | **-** | **-** |
| 3 | Naubana 2B1G4b2a | Naubana | 970 | - | 994 | - | 9.2 | - | 218 | - |
| | | urra | **1892** | **-** | **1366** | **-** | **-** | **-** | **92** | **21** |
| | | **Total** | **2862** | **-** | **2360** | **-** | **-** | **-** | **-** | **-** |
| | | **Grand total** | **5834** | **-** | **7367** | **812** | **-** | **-** | **-** | **-** |

# Table No.21: Irrigation Status

**Project- IWMP -I**

| S.No. | Name & MicroWatershed with code | Name of Village | Gross Cultivated Area | | | | Net Cultivated Area | Gross Irrigated Area | | | | Net Irrigated Area | Rainfed Area |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Kharif | Rabi | Zaid | Total | | Kharif | Rabi | Zaid | Total | | |
| 1 | Somai Gauri 2B1G4b1b | SomaiGauri | 314 | 360 | 128 | 802 | 535 | - | 48 | 61 | 109 | 112 | 423 |
| | | Bakhtawar Gauri | 109 | 125 | 45 | 279 | 186 | - | 2 | 3 | **5** | 5 | 181 |
| | | Girgitti | 42 | 48 | 17 | 107 | 72 | - | 7 | 9 | **16** | 17 | 55 |
| | | Gurh | 165 | 190 | 68 | 423 | 282 | - | 13 | 17 | 30 | 31 | 251 |
| | | Jalim Nagar | 192 | 220 | 78 | 490 | 327 | - | 51 | 63 | 114 | 116 | 211 |
| | | Jhala | 39 | 44 | 16 | 99 | 66 | - | 12 | 14 | 26 | 26 | 40 |
| | | Mangauria | 65 | 76 | 27 | 168 | 111 | - | 20 | 25 | 45 | 47 | 64 |
| | | **Total** | **926** | **1063** | **379** | **2368** | **1579** | **-** | **153** | **192** | **345** | **354** | **1225** |
| 2 | Pairua 2B1G4b1c | Girgitti | 24 | 37 | 5 | 66 | 44 | 3 | 4 | 3 | 10 | 7 | 37 |
| | | Gurh | 169 | 269 | 32 | 470 | 313 | 6 | 8 | 5 | 19 | 13 | 300 |
| | | Jhala | 18 | 28 | 3 | 49 | 33 | 7 | 9 | 5 | 21 | 14 | 19 |
| | | Majhra | 52 | 83 | 10 | 145 | 96 | 10 | 13 | 8 | 31 | 21 | 75 |
| | | Pairua | 227 | 362 | 43 | 632 | 420 | 18 | 23 | 15 | 56 | 38 | 382 |
| | | Urra | 48 | 79 | 9 | 136 | 89 | 14 | 15 | 12 | 41 | 27 | 62 |
| | | Total | 538 | 858 | 102 | 1498 | 995 | 58 | 72 | 48 | 178 | 120 | 875 |
| 3 | Naubana 2B1G4b2a | Madhwapur | 11 | 14 | 3 | 28 | 20 | 2 | 5 | 1 | 8 | 6 | 14 |
| | | **Majhra** | **195** | **247** | **45** | **487** | **356** | **15** | **39** | 9 | **63** | **48** | **308** |
| | | Naubana | 339 | 430 | 79 | 848 | 619 | 16 | 41 | **10** | 67 | 15 | 568 |
| | | Pairua | 35 | 44 | 8 | 87 | 64 | 5 | 12 | 3 | 20 | 51 | 49 |
| | | Urra | 234 | 298 | 54 | 586 | 427 | 34 | 85 | 20 | 139 | 105 | 322 |
| | | **Total** | **814** | **1033** | **189** | **2036** | **1486** | **72** | **182** | 43 | **297** | 225 | **1261** |
| | | **Grand Total** | **2278** | **2954** | **670** | **5902** | **4060** | **130** | **407** | **283** | **820** | **699** | **3361** |

# Table No.22: Source wise Irrigated Area

**Project- IWMP -II**

Area in ha.

| S. No. | Name & Micro watershed with code | Name of Village | Canal Area | State Tube wells | | Tanks | | Open well | | Bore wells | | Lift irrigation | | Others (Specify) | | Total Irrigated Area | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | No. | Area | No. | Area | No. | Area | No. | Area | No. | Area | No | Area | | |
| 1 | **Somai Gauri 2B1G4b1b** | Somai gauri | - | - | - | - | - | - | - | 42 | 112.00 | - | - | - | - | 112.00 | - |
| | | Bakhtwargauri | - | - | - | - | - | - | - | 2 | 5.00 | - | - | - | - | 5.00 | - |
| | | Girgitti | - | - | - | - | - | - | - | 6 | 17.00 | - | - | - | - | 17.00 | - |
| | | Gurh | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **9** | 31.00 | - | - | - | - | 31.00 | **-** |
| | | Jalimnagar | - | - | - | - | - | - | - | 44 | 116.00 | - | - | - | - | 116.00 | - |
| | | Jhala | - | - | - | - | - | - | - | 8 | 26.00 | **-** | **-** | **-** | **-** | 26.00 | - |
| | | Mangauria | - | - | - | - | - | - | - | 19 | 47.00 | - | - | - | - | 47.00 | - |
| 2 | **Pairua 2B1G4b1c** | **Total** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **130** | **354.00** | - | - | - | - | **354.00** | **-** |
| | | Girgitti | - | - | - | - | - | - | - | 3 | 7.00 | - | - | - | - | 7.00 | - |
| | | Goorh | - | - | - | - | - | - | - | 5 | 13.00 | **-** | **-** | **-** | **-** | 13.00 | - |
| | | Jhala | - | - | - | - | - | - | - | 5 | 14.00 | - | - | - | - | 14.00 | - |
| | | Majhav | - | - | - | - | - | - | - | 8 | 21.00 | - | - | - | - | 21.00 | - |
| | | Pairua | - | - | - | - | - | - | - | 12 | 38.00 | - | - | - | - | 38.00 | - |
| | | Urra | - | - | - | - | - | - | - | 10 | 27.00 | - | - | - | - | 27.00 | - |
| | | **Total** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **43** | **120.00** | - | - | - | - | **120.00** | **-** |
| 3 | **Naubana 2B1G4b2a** | Madhwapur | - | - | - | - | - | - | - | 2 | 6.00 | - | - | - | - | 6.00 | - |
| | | Majhra | **-** | **-** | **-** | **-** | **-** | **-** | **-** | 21 | 48.00 | **-** | **-** | **-** | **-** | 48.00 | **-** |
| | | Naubana | - | - | - | - | - | - | - | 22 | 51.00 | - | - | - | - | 51.00 | - |
| | | Pairua | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **4** | 15.00 | **-** | **-** | **-** | **-** | 15.00 | **-** |
| | | Urra | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **38** | 105.00 | - | - | - | - | 105.00 | **-** |
| | | **Total** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **87** | **225.00** | **-** | **-** | **-** | **-** | **225.00** | **-** |
| | | **Grand Total** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **260** | **699.00** | **-** | **-** | **-** | **-** | **699.00** | **-** |

## Table No.23: Ground Water Status
## Project- IWMP- II

| S. No. | Name & Code of Micro watershed | Name of Village | Depth of Ground Water Table (Below Ground level) in Meter | | No. of Observation well | Remarks |
|---|---|---|---|---|---|---|
| | | | Before Monsoon | After Monsoon | | |
| 1 | **Somai Gauri 2B1G4b1b** | Somai gauri | 6.17 | 3.90 | 2 | |
| | | Girgitti | 5.90 | 3.60 | 3 | |
| | | Jalim nagar | 6.20 | 4.10 | 2 | |
| 2 | | Mangauria | 6.10 | 4.00 | 5 | |
| | **Pairua 2B1G4b1c** | Pairua | 6.30 | 4.07 | 3 | |
| | | Goorh | 6.25 | 4.15 | 5 | |
| | | Jhala | 6.40 | 4.25 | 2 | |
| 3 | **Naubana 2B1G4b2a** | Naubana | 5.90 | 3.70 | 6 | |
| | | Urra | 5.80 | 3.60 | 4 | |
| | | Majhra | 5.70 | 3.50 | 3 | |

## Table No.24: Details of land holding pattern in the project areas

| S. No. | Names MWS with code | Name of Village | Type of Farmer | No. of households | No. of BPL households | Land holding (ha) | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Irrigated | Rainfed | Total |
| 1 | **Naubana 2B1G4b2a** | Naubana | (i) Large farmer | 28 | 0 | 20 | 72 | 92 |
| | | | (ii) Small farmer | 399 | 154 | 11 | 237 | 248 |
| | | | (iii) Marginal farmer | 545 | 545 | 20 | 259 | 279 |
| | | | (iv) Landless person | 2 | 2 | - | - | - |
| | | | **Sub-Total** | **974** | **701** | **51** | **568** | **619** |
| | | Urra | I)Large farmer | 158 | 0 | 46 | 64 | 110 |
| | | | ii) Small farmer | 413 | 372 | 32 | 133 | 165 |
| | | | iii) marginal farmer | 632 | 628 | 44 | 187 | 231 |
| | | | iv) Landless person | 43 | 43 | - | - | - |
| | | | **Sub.- Total** | **1246** | **1043** | **122** | **384** | **506** |
| **2** | **Pairua B1G4b1c** | Pairua | I)Large farmer | 12 | - | 18 | 57 | 75 |
| | | | ii) Small farmer | 66 | 57 | 11 | 181 | 192 |
| | | | iii) marginal farmer | 190 | 190 | 24 | 193 | 217 |
| | | | iv) Landless person | 29 | 29 | - | - | - |
| | | | **Sub.- Total** | **297** | **276** | **53** | **431** | **484** |
| **3** | **SomaiGauri 2B1G4b1b** | SomaiGauri | I)Large farmer | 16 | - | 26 | 59 | 85 |
| | | | ii) Small farmer | 128 | 99 | 40 | 137 | 117 |
| | | | iii) marginal farmer | 146 | 124 | 46 | 227 | 273 |
| | | | iv) Landless person | 4 | 4 | - | - | - |
| | | | **Sub.- Total** | **294** | **227** | **112** | **423** | **535** |
| | | Girgitti | I)Large farmer | 47 | - | 8 | 17 | 25 |
| | | | ii) Small farmer | 307 | - | 6 | 23 | 29 |
| | | | iii) marginal farmer | 445 | 276 | 10 | 52 | 62 |
| | | | iv) Landless person | 2 | 2 | - | - | - |
| | | | **Sub.- Total** | **801** | **278** | **24** | **92** | **116** |
| | | Jalim Nagar | I)Large farmer | 69 | - | 30 | 41 | 71 |
| | | | ii) Small farmer | 218 | 59 | 32 | 73 | 105 |
| | | | iii) marginal farmer | 372 | 258 | 54 | 97 | 151 |
| | | | iv) Landless person | 39 | 39 | - | - | - |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | **Sub.- Total** | **698** | **356** | **116** | **211** | **327** |
| | | Gurh | I)Large farmer | 75 | - | 4 | 58 | 69 |
| | | | ii) Small farmer | 360 | - | 17 | 197 | 214 |
| | | | iii) marginal farmer | 996 | 370 | 15 | 296 | 311 |
| | | | iv) Landless person | 2 | 2 | - | - | - |
| | | | **Sub.- Total** | **1433** | **372** | **43** | 551 | **594** |

## Table No. 25: Major crops, there productivity and Production

**Name of GP-Naubana, 2B1G4b2a**

| S.no | Crop | Area in (ha.) | | ProductivityQtl./ha | | Production (Qtl) | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Irrigated | Rainfall | Irrigated | Rainfed | Grain/ Main product | | Fodder/fuel/Other product | | |
| | | | | | | Irrigated | Rainfed | Irrigated | Rainfed | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| **A** | **Kharif** | | | 27 | | 1944 | 4720 | | | |
| 1 | Rice | 72 | 236 | | 20 | - | 1300 | | | |
| 2 | Maze | | 130 | | 10 | - | 2544 | | | |
| 3 | Arhar | | 318 | | 8 | - | 192 | | | |
| 4 | Urd/Mung | | 32 | | 6 | - | - | | | |
| 5 | Vegetable(cropwise) | | | | | - | - | | | |
| 6 | Fodder | | 26 | | 190 | - | - | 4940 | | |
| | Other, specify | | | | | - | - | | | |
| **B** | **Rabi** | | **742** | | | | | | | |
| 1 | Wheat | 182 | 214 | 28 | 19 | 5096 | 4066 | | | |
| 2 | Barley | | 18 | | 14 | - | 252 | | | |
| 3 | Masoor | | 328 | | 9 | - | 2862 | | | |
| 4 | Gram | | 12 | | 8 | - | 96 | | | |
| 5 | Pea | | 6 | | 8 | - | 48 | | | |
| 6 | Mustard | | 273 | | 4 | - | 1092 | | | |
| 7 | Potato | | | | | - | - | | | |
| 8 | Vegetable(cropwise) | | 851 | | | - | - | | | |
| 9 | Fodder | | | | | - | - | | | |
| | Other, specify | | | | | - | - | | | |
| **C** | **Zaid** | | | | | - | - | | | |
| | Vegetable(cropwise) | | | | | - | - | | | |
| | Fodder | | | | | - | - | | | |
| | Urd/Mung | | | | | - | - | | | |
| | Sugarcane | 43 | 146 | 390 | 219 | 16770 | 31974 | | | |
| | Other, specify | | | | | - | - | | | |
| | **Total** | **297** | | | | - | - | | | |

**Summary**

**Food Production (Qtls.)**

Cereals - 17378
Pulses - 5742
Oilseeds – 1092
Potato - -
e- others - -
**Total- 24212**

**Total for the project**

**Fodder Production (Qtls.)**

Dry Fodder- 7362
Green Fodder- 4940

**Fuel Production**

Arhar+Mustard Plants- 1340
**Sugarcane- 48744**

Crop Intensity % = (Gross Area Sown/Net Area Sown) x100
**2036/1486=137%**

## Name of GP- Pairua, 2B1G4b1c

| S.no | Crop | Area in (ha.) | | Productivity Qtl./ha | | Production (Qtl) | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Irrigated | Rainfall | Irrigated | Rainfed | Grain/ Main product | | Fodder/fuel/Other product | | |
| | | | | | | Irrigated | Rainfed | Irrigated | Rainfed | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| **A** | **Kharif** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Rice | 58 | 70 | 28 | 17 | 1624 | 2244 | 0 | 0 | |
| 2 | Maze | 0 | 17 | 0 | 12 | 0 | 1176 | 0 | 0 | |
| 3 | Arhar | 0 | 82 | 0 | 10 | 0 | 2320 | 0 | 0 | |
| 4 | Urd/Mung | 0 | 28 | 0 | 6 | 0 | 108 | 0 | 0 | |
| 5 | Vegetable(cropwise) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 6 | Fodder | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Other, specify | 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| B | Rabi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Wheat | 72 | 246 | 24 | 16 | 1728 | 3936 | 0 | 0 | |
| 2 | Barley | 0 | 32 | 0 | 9 | 0 | 288 | 0 | 0 | |
| 3 | Masoor | 0 | 318 | 0 | 8 | 0 | 2544 | 0 | 0 | |
| 4 | Gram | 0 | 6 | 0 | 10 | 0 | 60 | 0 | 0 | |
| 5 | Pea | 0 | 8 | 0 | 9 | 0 | 72 | 0 | 0 | |
| 6 | Mustard | 0 | 176 | 0 | 5 | 0 | 880 | 0 | 0 | |
| 7 | Potato | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 8 | Vegetable(cropwise) | 72 | 786 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 9 | Fodder | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Other, specify | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| C | Zaid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Vegetable(cropwise) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Fodder | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Urd/Mung | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Sugarcane | 48 | 54 | 370 | 224 | 17760 | 12096 | 0 | 0 | |
| | Other, specify | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | **Total** | | | | | | | | | |

**Summary**

**Food Production (Qtls.)**

Cereals - 10996

Pulses - 5104

Oilseeds – 880

Potato - -

e- others - -

**Total- 16980**

**Total for the project**

**Fodder Production (Qtls.)**

Dry Fodder- 4592

Green Fodder- -

**Fuel Production**

Arhar+Mustard Plants- 7356

**Sugarcane- 29856**

Crop Intensity % = (Gross Area Sown/Net Area Sown) x100

1498/955=151%

**Name of GP- Somai Gauri ,2B1G4b1b**

| S.no | Crop | Area in (ha.) | | ProductivityQtl./ha | | Production (Qtl) | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Irrigated | Rainfall | Irrigated | Rainfed | Grain/ Main product | | Fodder/fuel/Other product | | |
| | | | | | | Irrigated | Rainfed | Irrigated | Rainfed | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| A | **Kharif** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Rice | 0 | 150 | 0 | 18 | 0 | 2700 | 0 | 0 | |
| 2 | Maze | 0 | 127 | 0 | 10 | 0 | 1270 | 0 | 0 | |
| 3 | Arhar | 0 | 518 | 0 | 7 | 0 | 3626 | 0 | 0 | |
| 4 | Urd/Mung | 0 | 111 | 0 | 5 | 0 | 555 | 0 | 0 | |
| 5 | Vegetable(cropwise) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 6 | Fodder | 0 | 20 | 0 | 218 | 0 | 0 | 0 | 4360 | |
| | Other, specify | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| B | Rabi | 0 | 926 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | Wheat | 153 | 157 | 24 | 17 | 3672 | 2669 | 0 | 0 | |
| 2 | Barley | 0 | 64 | 0 | 14 | 0 | 896 | 0 | 0 | |
| 3 | Masoor | 0 | 434 | 0 | 6 | 0 | 2604 | 0 | 0 | |
| 4 | Gram | 0 | 8 | 0 | 7 | 0 | 56 | 0 | 0 | |
| 5 | Pea | 0 | 7 | 0 | 5 | 0 | 35 | 0 | 0 | |
| 6 | Mustard | 0 | 228 | 0 | 3 | 0 | 684 | 0 | 0 | |
| 7 | Potato | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 8 | Vegetable(cropwise) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 9 | Fodder | 0 | 12 | 0 | 52 | 0 | 0 | 0 | 624 | |
| | Other, specify | 0 | 910 | 0 | 0 | 0 | 0 | 0 | 0 | |
| C | Zaid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Vegetable(cropwise) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Fodder | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Urd/Mung | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Sugarcane | 192 | 187 | 370 | 180 | 71040 | 33660 | 0 | 0 | |
| | Other, specify | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | **Total** | **345** | **2023** | | | | | | | |

**Summary**

**Food Production (Qtls.)**

Cereals - 11207

Pulses - 6876

Oilseeds – 684

Potato - -

e- others -

**Total- 18767**

**Total for the project**

**Fodder Production (Qtls.)**

Dry Fodder- 6471

Green Fodder- 4984

**Fuel Production**

Arhar+Mustard Plants

**Sugarcane- 104700**

Crop Intensity % = (Gross Area Sown/Net Area Sown) x100

**= 2368/1579=150%**

**Table No.26 : Demostration of Mazor Crops (Component Wise cost)**

1. **Wheat**

| Demonstration Budget(Component wise) of Wheat | | | | | |
|---|---|---|---|---|---|
| **S. No.** | **Particulars** | **Quantity** | **Rate** | **Amount** | **Remarks** |
| 1 | Soil Testing | - | 38/- | 38 | |
| 2 | Tillage Operation or Preparation of Field for sowing | - | - | - | Done by the Farmer |
| 3 | Cost of Seed | 100/kg | 18/kg | 1800 | |
| 4 | Seed treatment | 200 gm Carbandazym | 500/kg. | 200 | |
| 5 | Sowing by Seed Drill | - | - | - | Done by the Farmer |
| 6 | D.A.P. | 210 kg | 911/50 kg | 3826.2 | |
| 7 | Urea | 150 kg | 311/50 kg | 933 | |
| 8 | Potash M.O.P.) | 67 kg | 300/ 50 kg | 402 | |
| 9 | IPM | 1 .00 ha | 1000/ ha | 1000 | |
| 10 | FYM | 10 t/ha | L.S. | 1500 | |
| 11 | Irrigation (two times) | - | - | - | Done by the Farmer |
| 12 | Harvesting | - | - | - | Done by the Farmer |
| 13 | Board | 1 | 500 | 500 | |
| **TOTAL :** | | | | **10199.2** | |
| **Crop Demonstration for 0.25 ha/farmer** | | | | **2549.8** | |
| **Farmer's Contribution** | | | | | |
| For SC/ST 10% | | | | **255** | WDF |
| For Others 20% | | | | **509.96** | WDF |

**2. Gram**

| Demostration Budget(Component wise) of Gram | | | | | |
|---|---|---|---|---|---|
| **S. No.** | **Particulars** | **Quantity** | **Rate** | **Amount** | **Remarks** |
| 1 | Soil Testing | - | 38/- | 38 | |
| 2 | Tillage Operation or Preparation of Field for sowing | - | - | - | Done by the Farmer |
| 3 | Cost of Seed | 80/kg | 90/kg | 7200 | |
| 4 | Seed treatment | 2 kg Rhizobium Culture | 500/kg. | 200 | |
| 5 | Sowing by Seed Drill | - | - | - | Done by the Farmer |
| 6 | D.A.P. | 175 kg | 911/50 kg | 3188.5 | |
| 7 | Sulpher | 20 kg | 100/kg | 2000 | |
| 8 | Potash M.O.P.) | 65 kg | 300/ 50 kg | 390 | |
| 9 | IPM | 1 .00 ha | 1000/ ha | 1000 | |
| 10 | FYM | 10 t/ha | L.S. | 1500 | |
| 11 | Irrigation (two times) | - | - | - | Done by the Farmer |
| 12 | Harvesting | - | - | - | Done by the Farmer |
| 13 | Board | 1 | 500 | 500 | |
| **TOTAL :** | | | | **16016.5** | |
| **Crop Demonstration for 0.25 ha/farmer** | | | | **4004.13** | |
| **Farmer's Contribution** | | | | | |
| For SC/ST 10% | | | | **400** | |
| For Others 20% | | | | **801** | |

**3. Arhar**

| Demonstration Budget(Component wise) of Arhar | | | | | |
|---|---|---|---|---|---|
| **S. No.** | **Particulars** | **Quantity** | **Rate** | **Amount** | **Remarks** |
| 1 | Soil Testing | - | 38/- | 38 | |
| 2 | Tillage Operation or Preparation of Field for sowing | - | - | - | Done by the Farmer |
| 3 | Cost of Seed | 20/kg | 120/kg | 2400 | |
| 4 | Seed treatment | 400 gm Rhizobium Culture | 500/kg. | 200 | |
| 5 | Sowing by Seed Drill | - | - | - | Done by the Farmer |
| 6 | N.P.K (12 : 21 :16) | 190 kg | 470/50 kg | 1786 | |
| | Sulpher | 20 kg | 100/kg | 2000 | |
| 7 | IPM | 1 .00 ha | 1000/ ha | 1000 | |
| 8 | FYM | 10 t/ha | L.S. | 1500 | |
| 9 | Harvesting | - | - | - | Done by the Farmer |
| 10 | Board | 1 | 500 | 500 | |
| **TOTAL :** | | | | **9424** | |
| **Crop Demonstration for 0.25 ha/farmer** | | | | **2356** | |
| **Farmer's Contribution** | | | | | |
| For SC/ST 10% | | | | **236** | |
| For Others 20% | | | | **471** | |

**4. Mustard**

| Demonstration Budget(Component wise) of Mustard | | | | | |
|---|---|---|---|---|---|
| **S. No.** | **Particulars** | **Quantity** | **Rate** | **Amount** | **Remarks** |
| 1 | Soil Testing | - | 38/- | 38 | |
| 2 | Tillage Operation or Preparation of Field for sowing | - | - | - | Done by the Farmer |
| 3 | Cost of Seed | 5.00 kg | 90/kg | 450 | |
| 4 | Seed treatment | 30 gm Carbandazym | 500/kg. | 75 | |
| 5 | Sowing by Seed Drill | - | - | - | Done by the Farmer |
| 6 | D.A.P. | 210 kg | 911/50 kg | 3826.2 | |
| 7 | Urea | 150 kg | 311/50 kg | 933 | |
| 8 | Potash M.O.P.) | 67 kg | 300/ 50 kg | 402 | |
| 9 | IPM | 1 .00 ha | 1000/ ha | 1000 | |
| | | | | | |
| | IPM Kit | 10 nos. | 150/kit | 1500 | |
| 10 | FYM | 10 t/ha | L.S. | 1500 | |
| 11 | Irrigation (two times) | - | - | - | Done by the Farmer |
| 12 | Harvesting | - | - | - | Done by the Farmer |
| 13 | Board | 1 | 500 | 500 | |
| **TOTAL :** | | | | **10224.2** | |
| **Crop Demonstration for 0.25 ha/farmer** | | | | **2556.05** | |
| **Farmer's Contribution** | | | | | |
| For SC/ST 10% | | | | **256** | |
| For Others 20% | | | | **511.21** | |

**5. Paddy**

| Demonstration Budget(Component wise) of Paddy | | | | | |
|---|---|---|---|---|---|
| **S. No.** | **Particulars** | **Quantity** | **Rate** | **Amount** | **Remarks** |
| 1 | Soil Testing | - | 38/- | 38 | |
| 2 | Tillage Operation or Preparation of Field for sowing | - | - | - | Done by the Farmer |
| 3 | Cost of Seed | 5/kg | 75/kg | 375 | |
| 4 | Seed treatment | 200 gm Carbandazym | 500/kg. | 200 | |
| 5 | Sowing by Seed Drill | - | - | - | Done by the Farmer |
| 6 | D.A.P. | 210 kg | 911/50 kg | 3826.2 | |
| 7 | Urea | 150 kg | 311/50 kg | 933 | |
| 8 | Potash M.O.P.) | 67 kg | 300/ 50 kg | 402 | |
| 9 | IPM | 1 .00 ha | 1000/ ha | 1000 | |
| | IPM Kit | 10 nos. | 150/kit | 1500 | |
| 10 | FYM | 10 t/ha | L.S. | 1500 | |
| 11 | Irrigation (two times) | - | - | - | Done by the Farmer |
| 12 | Harvesting | - | - | - | Done by the Farmer |
| 13 | Board | 1 | 500 | 500 | |
| **TOTAL :** | | | | **10274.2** | |
| **Crop Demonstration for 0.25 ha/farmer** | | | | **2568.55** | |
| **Farmer's Contribution** | | | | | |
| For SC/ST 10% | | | | **257** | |
| For Others 20% | | | | **513.71** | |

# Table No.27: Horticulture Status

| S. N. | Name of micro watershed with code | Name of village | Name of Important horticultural crop | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Whole Fruit Crop | | | | Scattered Fruit Crop | | |
| | | | Name | Area ha. | Productivity qtl/ha | Production qtls | No. | Productivity qtl/No. | Production qtls |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | Somai Gauri 2B1G4b1b | SomaiGauri | Mango | 3.00 | 156.00 | 468.00 | 120. | 1.5 | 180 |
| | | Girgitti | ,, | - | 148.00 | | 65 | 1.5 | 97 |
| | | Jalim Nagar | ,, | 1.00 | - | 148.00 | 72 | 1.5 | 108 |
| | | Mangauria | ,, | - | | | 48 | 1.5 | 72 |
| | | Total | | 4.00 | - | 616 | 305 | | 457 |
| 2 | Pairua 2B1G4b1c | Pairua | ,, | 2.00 | 146.00 | 292.00 | 102 | 1.6 | 163 |
| | | Goorh | ,, | 3.00 | 164.00 | 492.00 | 115 | 1.6 | 184 |
| | | Jhala | ,, | - | - | | 64 | 1.5 | - |
| | | **Total** | | **5.00** | | **784.00** | **281** | | 443 |
| 3 | Naubana 2B1G4b2a | Naubana | ,, | 3.00 | 168.00 | 504.00 | 138 | 1.5 | 207 |
| | | Urra | ,, | 1.00 | 145.00 | 145.00 | 132 | 1.5 | 198 |
| | | Majhra | ,, | 1.00 | 154.00 | 154.00 | 98 | 1.5 | 147 |
| | | Madhwapur | ,, | - | - | - | 12 | 1.5 | 18 |
| | | **Total** | | **5.00** | **-** | **803** | **380** | **1.5** | **570** |
| | | | | **14.00** | | **2203** | **966** | | **1470** |

## Table No.28: Forest, Vegetative Cover/Grass Land

| S. No. | Name & Code of Micro watershed | Name of Village | Forest (Area ha) | | | Grass Land (Area ha) | | Other vegetative cover (Area ha) | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Reserve | Gram Samaj (Natural/Planted) | Total | Gram Samaj | Private | Gram Samaj | Private |
| 1 | **Somai Gauri 2B1G4b1b** | Somai Gauri | 0 | 0 | 0 | 0 | 0.00 | **0** | **0** |
| | | Bakhtwargauri | 0 | 0 | 0 | 0 | 0.00 | **0** | **0** |
| | | Girgitti | 0 | 0 | 0 | 0 | 0.00 | **0** | **0** |
| | | Goorh | 0 | 0 | | | 0.00 | **0** | **0** |
| | | **jalimnagar** | **0** | 0 | | **0.00** | **0.00** | **0** | **0** |
| 2 | | Total | 0 | 0 | | 0 | 0 | 0 | 0 |
| | Pairua 2B1G4b1c | Pairua | **0** | **0** | | **0.** | **0.** | **0** | **0** |
| | | Jhala | **35.00** | **0** | **35.00** | **0** | **00** | **0** | **0** |
| | | **Total** | 35.00 | 0 | 35.00 | 0 | 0.00 | **0** | **0** |
| | Naubana | **Naubana** | 0 | | | | 0.00 | **0** | **0** |
| | | Urra | **0** | 0 | | **0.00** | **0.00** | **0** | **0** |
| | | **Kakraha Rg.** | **325.93** | 0 | **325.93** | **0** | **0** | **0** | **0** |
| | | **Total** | **325.93** | 0 | **325.93** | **0** | **0** | **0** | **0** |
| | | **Grand Total** | **360.93** | 0 | **360.93** | **0** | **0** | **0** | **0** |

# Table No.29: Livelihood Status of Landless People

| S.No. | Name & Code of micro watershed | Name of Village | Name of Livelihood Activity | No. of house hold engaged | | | | | Pre project Average Income Annual | Desired Activities | Expected Income from desired activities | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Sc | St | Other | Women | Total | | | | |
| 1 | Somai Gauri 2B1G4b1b | Somai gauri | Labour | 1 | - | 3 | 0 | 4 | 12000-15000 | Goat Keeping | 18000-20000 | |
| | | Girgitti | ‘’ | 1 | - | 1 | 0 | 2 | ‘’ | Dairying | “ | |
| | | Jalim nagar | ‘’ | 12 | - | 27 | 0 | 39 | ‘’ | GeneralMerchant | “ | |
| | | Mangauria | ‘’ | 1 | - | 3 | 0 | 4 | ‘’ | “ | “ | |
| | | **Total** | | **15** | **-** | **34** | **0** | **49** | | | | |
| 2 | Pairua 2B1G4b1c | Pairua | ‘’ | 6 | - | 23 | 0 | 29 | ‘’ | Animal Husbandry | “ | |
| | | Goorh | ‘’ | 1 | - | 1 | 0 | 2 | ‘’ | GoatKeeping | “ | |
| | | Jhala | | 4 | - | 16 | | 20 | | Goatkeeping | | |
| | | **Total** | | **11** | **-** | **40** | **0** | **51** | | | | |
| 3 | Naubana 2B1G4b2a | Naubana | ‘’ | 2 | - | 0 | 0 | 2 | ‘’ | Dairyng | “ | |
| | | Urra | | 15 | - | 28 | 0 | 43 | | | | |
| | | Majhra | ‘’ | 8 | - | 24 | 0 | 32 | ‘’ | | | |
| | | Madhwapur | ‘’ | 01 | - | 03 | 0 | 4 | ‘’ | General Merchant | “ | |
| | | **Total** | | **26** | **-** | **55** | | **81** | | | | |

## Table No.30: Details of Livelihood Status Other Farmers

| S. No. | Name & Code of micro watershed | Name of Livelihood Activity | No. of Persons engaged | | | | | Pre project Average Income/day | Desired Activities | Expected Income from desired activities | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sc | St | Other | Women | Total | | | | |
| 1 | 2 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1 | **Somai Gauri 2B1G4b1b** | Agriculture, | 130 | - | 1468 | 98 | 1696 | 150480 | Agriculture, Poultry, Dairy, GM and Goatry | 285910.00 | |
| **2** | **Pairua 2B1G4b1c** | Agriculture | 126 | - | 1522 | 102 | 1750 | 155384 | Agriculture, Poultry, Dairy, fisheries GM and Goatry | 295230.00 | |
| **3** | **Naubana 2B1G4b2a** | Agriculture, | 138 | - | 1632 | 93 | 1863 | 166417 | Agriculture, Poultry, Dairy, GM and Goatry | 316192.00 | |
| | | | | | | | 5309 | | | | |

## Table No. 31: Present Livelihood Status (No. of households/Income per year

| S. No | Name of MWS with code | Activities | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Dairy | | Poultry | | Goatry | | Piggeries | | Fisheries | | Black Smithy | | Carpentry | | Stitching/ knitting | | Wages | | Others (Specify) | |
| | | No | Av. income | No | Av. income | No | Av. income | No | Av. income | No | Av. income | No | Av. income | No | Av. income | No | Av. income | No | Av. income | No | Av. income |
| 1 | 2 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1300 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| **1** | **Somai Gauri** | 46 | 88000 | 16 | 6500 | 28 | 14500 | - | - | 2 | 4000 | 2 | 10000 | 3 | 12500 | 4 | 21000 | 1700 | 20400 | - | - |
| **2** | **Pairua** | 32 | 64000 | 5 | 1800 | 18 | 12000 | - | - | 1 | 2000 | 1 | 5000 | 1 | 6000 | 2 | 12000 | 800 | 90000 | - | - |
| **3** | **Naubana** | 42 | 85000 | 20 | 10500 | 10 | 20000 | 6 | 90000 | 6 | 800 | 4 | 35000 | 5 | 15500 | 8 | 40000 | 1200 | 144000 | - | - |

**CHAPTER-4**

# INSTITUTIONAL BUILDING AND PROJECT MANAGEMENT

## Table No.32: Details of Project Implementing Agency (PIA)

| S. No. | Particulars of PIA | |
|---|---|---|
| (i) | Date of selection of PIA | |
| (ii) | Type of organization# | B.S.A. |
| (iii) | Name of organization | U.P. Govt. |
| (iv) | Designation & Address | BSA LD & WR Bahraich |
| (v) | Telephone | 05252-234191 |
| (vi) | Fax | 05252-234191 |
| (vii) | E-mail | bsaldwrbh-up@nic.in |

## Table No. 33: Details of Staff at PIA

| S. NO. | Designation | Name | M/F | Qualification | Field of Experience & Period | Remarks |
|---|---|---|---|---|---|---|
| 1 | B.S.A. | Shri L.M.P. Singh | M | Inter, civil Engg. Diploma | 31 years | |
| 2 | J.E. | , R.N. singh | M | ,, | 30 Years | |
| 3 | ,, | ,, Moh. A. Khan | M | ,, | 29 years | |
| 4 | D. Man | ,, Sohil | M | Inter, Diploma in D.man | 6 years | |
| 5 | Accountant | ,, Maroof Ahmad | M | M.Com/LLB | 31 years | |
| 6 | ,, | ,, Guru parsad Verma | M | B.Com | 31 years | |
| 7 | Ziledar | ,,Ram pratap sharma | M | High School | 31 years | |
| 8 | Senior clerk | ,, Patirakhan lal | M | B.A. | 20 years | |
| 9 | Junior clerk | ,, S.P. Rawat | M | M.Sc., LLB, B.Com., B.ed | 30 years | |
| 10 | A.S.C.I. | ,, Bechan singh yadav | M | Inter, Ag. Dioloma | 33 Years | |
| 11 | A.S.C.I. | ,, Dadhi Ram | M | B.Sc.(Ag.) | 29 Years | |
| 12 | Tracer | ,, Dewakar singh | M | Intermediate | 30 Years | |
| 13 | Seenchpal | ,, Sant Baksh Singh | M | Intermediate | 28 Years | |
| 14 | ,, | ,,Kamala Parsad | M | High School | 28 Years | |
| 15 | ,, | ,,Kamta Parsad | M | B.A. | 28 Years | |
| 16 | Munshi | ,, RamPher | M | Intermediate | 28 Years | |
| 17 | ,, | ,, Ramesh chander | M | M.A. | 6 years | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 18 | ,, | ,, Yogendera kumar | M | B.Sc. | 6 years | |
| 19 | iv th class | ,, Ram chander Ram | M | Intermediate | 32 Years | |
| 20 | ,, | ,, Ram Gulam | M | Intermediate | 32 Years | |
| 21 | ,, | ,, Veer pal | M | M.A. | 6 Years | |
| 22 | ,, | ,, Subash chandra | M | literate | 30 Years | |
| 23 | ,, | ,,Kailesh chand | M | ix Class | 1 Years | |
| 24 | Driver | ,, Paras Nath | M | vii | 3 Years | |

**Note:- Details of all the persons working in BSA Unit is to be incorporated**

## 4.1 WATERSHED DEVELOPMENT TEAM:

The WDT is an integral part of the PIA and will be set up by the PIA. Each WDT should have at least four members, broadly with knowledge and experience in agriculture, soil science, water management, social mobilization and institutional building. At least one of the WDT members should be a woman. The WDT members should preferably have a professional degree. However, the qualification can be relaxed by the DWDU with the approval of SNLA in deserving cases keeping in view the practical field experience of the candidate. The WDT should be located as close as possible to the watershed project. At the same time, it must be ensured that the WDT should function in close collaboration with the team of experts at the district and state level. The expenses towards the salaries of the WDT members shall be charged from the administrative support to the PIA. DWDU will facilitate the training of the WDT members.

### 4.1.1 Roles and Responsibilities of WDT:

The WDT will guide the watershed committee (WC) in the formulation of the watershed action plan. An indicative list of the roles and responsibilities of the WDT would include among other s, the following.

a. Assist Gram Panchayat /Gram Sabha in constitution of the watershed committee and their functioning.
b. Organizing and nurturing User Groups and Self-Help Groups.
c. Mobilizing women to ensure that the perspectives and interests of women are adequately related in the watershed action plan.
d. Conducting the participatory base –line surveys, training and capacity building.
e. Preparing detailed resource development plans including water and soil conservation or redamation etc. to promote sustainable livelihood at household level.
f. Common property resource management and equitable sharing.
g. Preparing Detailed Project Report (DPR) for the consideration of Gram Sabha.
h. Undertake engineering surveys, prepare engineering drawing and cost estimates for any structure to be built.
i. Monitoring, checking, accessing, and undertaking physical verification and measurement of work done.
j. Facilitating the development of livelihood opportunities for the landless.
k. Maintaining project accounts.
l. Arranging physical, financial and social audit of the work undertaken.
m. Setting up suitable arrangements for post-project operation, maintenance and future development of the assets created during the project period.

## Table No.34: Details of Watershed Development Team (WDT) in the project area

| S. N. | Name of WDT member | M/F# | Age | Qualification / Experience | Description of professional training | Role/ Function## | Date of appointment of WDT member |
|---|---|---|---|---|---|---|---|
| 1 | Shri R.N. Singh | M | 55 | Inter diploma in civil | Trained | Tachinical | State govt. service |
| 2 | ,, Bechan Singh Yadav | M | 55 | Inter diploma in Ag. | Trained | S.& W.M. | State govt. service |
| 3 | ,, Dadhi Ram Trivedi | M | 54 | B.Sc.(Ag.) | Trained | S.& W.M. | State govt. service |
| 4 | ,, K.P. Mishra | M | 50 | B.A. | Trained | S.& W.M. | State govt. service |
| 5 | ,, Ramesh Chander | M | 28 | M.A. | Trained | S.& W.M. | State govt. service |
| 6 | ,, Yogender Kumar | M | 27 | B.Sc.(Bio) | Trained | S.& W.M. | State govt. service |
| 7 | ,, Sansar Singh | M | 63 | High School diploma in Ag. | Trained | S.& W.M. | 29-03-2011 |
| 8 | ,, Bhupander Nath Pandy | M | 56 | High School Dip. In Civil | Trained | Tachinical | 3/8/2011 |
| 9 | Smt. Ambeshwari | F | 36 | B.A. | Trained | Social Moblization | 29-03-2011 |
| 10 | Shri Ambikeshwar singh | M | 25 | B.Sc.(Ag) | Trained | S.& W.M. | 10/10/2011 |
| 11 | Smt.Mamta Mishra | F | 25 | B.A. | Trained | Social Moblization | 3/10/2011 |

## Table No.35: Details of Watershed Committee (WC)

| S. No. | Name of Gram Sabha/ GP | Date of Constitution/ Registration as a Society (dd/mm/ yyyy) | Designation | M/F | SC | ST | SF | MF | LF | Land-less | UG | SHG | GP | Any other | Educational qualifi-cation | Function(s) assigned |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Somaigauri 2B1G4b1b | 08-06-2011 reg. no-350 | President-1 | M | - | - | - | - | 1 | - | - | | | | H.S. | |
| | | | Secretary-1 | M | - | - | - | - | 1 | - | - | | | | Graduate | |
| | | | Mamber-7 | 6M/1F | 2 | - | 3 | 3 | - | 1 | 4 | | | | | |
| | | | Mamber-1 | M | - | - | Govt service | | | | | | | | | |
| | | | Mamber- | | | - | | | - | | | | | | | |
| 2 | Naubana 2B1G4b2a | 08-06-2011 reg. no-347 | President-1 | M | - | - | - | - | 1 | - | - | | | | H.S. | |
| | | | Secretary-1 | M | - | - | - | - | - | - | - | | | | | |
| | | | Mamber-7 | 6M/1F | 2 | - | 3 | 2 | 1 | 1 | 2 | | | | | |
| | | | Mamber-1 | | | - | Govt service | | | | | | | | | |
| | | | Mamber- | | | - | - | | - | | | | | | | |
| 3 | Pairua 2B1G4b1c | 08-06-2011 reg. no-346 | President-1 | M | - | - | 1 | - | - | - | 1 | | | | 8 th | |
| | | | Secretary-1 | M | - | - | 1 | - | - | - | - | | | | High school | |
| | | | Mamber-7 | 6M/1F | 1 | - | 2 | 3 | 1 | 1 | - | | | | | |
| | | | Mamber- | | | - | Govt service | | | | | | | | | |
| | | | Mamber- | | | - | | | | | | | | | | |

## 4.2 Watershed Activities

Watershed management as a strategy has been adopted by Government of India especially in the rain-fed regions of semi-arid tropics. These regions are characterized by low and undependable rain, low soil fertility, poor infrastructure development, low literacy and high incidence of migration. Several studies have identified that there is a dire need of a systematic and scientific approach to deal with watershed development. The common guidelines generate a fresh and flexible framework for the next generation watershed development.

## 4.3 Scientific Planning:-

1. **Cluster Approach :-**

   This envisages integrated development of Geo-hydrological unit ie. Treatment of cluster of micro –watershed The IWMP-1, Bahraich Project consist of 3 micro watershed namely 2B1G4b2a, 2B1G4b1b, 2B1G4b1c.

2. **Base line Survey**

   To access the impact of any watershed development programme a detailed baseline survey has to be conducted. This acts a benchmark for any intervention during and post implementation of any development programme. A detailed baseline survey was undertaken which involved household census survey, Bio-physical survey and Village level data collection. Household census survey includes a detailed questionnaire which has been filled by visiting each and every household in the village. This gave in the details of the demographic profile of the village, the literacy percentage, SC/ST population, number of BPL household, cattle population, net consumption rate in the village, average milk production of the cattle and various schemes running and their benefits

   Bio-physical survey was undertaken to identify various natural resources available in the village. It included the soil typology, well in the area, crop taken in the field, Cropping pattern, fertilizer used and various sources of irrigation in the field.,

## 3 Participatory Rural Appraisal (PRA)

The past experience of watershed has given tremendous input to focus on creating accountability of the stakeholders towards the programme. This has created an emphasis to include all the stakeholder communities and their local and Indigenous Technological Knowledge (ITK) while planning for any activity. Participatory approach provides a new path for planning, implementing, monitoring and post- withdrawal activities with a complete accountability of the stakeholders. Various PRA techniques like resource mapping, social mapping, and season calendars were used to understand the physical and social orientation of the village in general and watershed in specific. These tools put the villagers in ease than the complicated questionnaires.

## 4. 4 Use of GIS and Remote sensing for planning

Use of various high science tools has been promoted at various stages of watershed development.

**a) Prioritization**

Geographical Information System(GIS) has been used for prioritization process. Various layer maps were created like Geo-morphological, Soil, BPL Population, SC/ST population, Ground water Status, Drinking water situation Slope percent. These were all given proper weightage according to the DoLR specification. This helped in prioritization of various watershed areas.

**b) Planning**

A action plan matrix was formulated by State Level Nodal Agency (SLNA) taking into account various features like the slope percent, soil Depth, Soil Texture, Soil erosion in the area for wasteland, forest land and agricultural land. Global positioning System (GPS) was used to identify each and every water conservation structures available in the project area. This was used to create a map. Contour Map of vertical interval of 0.3 meter at a scale of 1:4000 was used for identifying various locations for soil and water conservation structures.

**c) Hydrological modelling**

Hydrology modelling technique was used for locating drainage, stream length, flow direction, sink, Flow accumulation. This model overlaid over cadastral map to calculate the catchment area of each structures like the check dam etc. This has helped to remove the human error which generally occurs while calculating the catchment area of a check dam.

## Table No.36: Details of Scientific Planning and Inputs in IWMP projects

| Scientific criteria / input used | Whether scientific criteria was used |
|---|---|
| **(A) Planning** | |
| Cluster approach | Yes |
| Whether technical back-stopping for the project has been arranged? If yes, mention the name of the Institute | - |
| Baseline survey | Yes |
| Hydro-geological survey | Yes |
| Contour mapping | Yes |
| Participatory Net Planning (PNP) | Yes |
| Remote sensing data-especially soil/ crop/ run-off cover | - |
| Ridge to Valley treatment | - |
| Online IT connectivity between | - |
| (1) Project and DRDA cell/ZP | Yes |
| (2) DRDA and SLNA | Yes |
| (3) SLNA and DoLR | Yes |
| Availability of GIS layers | - |
| Cadastral map | Yes |
| Village boundaries | Yes |

| | |
|---|---|
| Drainage | Yes |
| Soil (Soil nutrient status) | Yes |
| Land use | Yes |
| Ground water status | Yes |
| Watershed boundaries | Yes |
| Activity | Yes |
| Crop simulation models# | No |
| Integrated coupled analyzer/ near infrared visible spectroscopy/ medium spectroscopy for high speed soil nutrient analysis | No |
| Normalized difference vegetation index (NDVI)# | No |
| Weather Station | - |
| **(B) Inputs** | NO |
| Bio-pesticides | No |
| Organic manures | No |
| Vermicompost | Yes |
| Bio-fertilizer | Yes |
| Water saving devices | Yes |
| Mechanized tools/ implements | Yes |
| Bio-fencing | Yes |
| Nutrient budgeting | Yes |
| Automatic water level recorders & sediment samplers | NO |
| Any other (please specify) | NO |

## Table No.37: List of identified training institutes for capacity building

| Sr. No. | Name of the Training Institute | Full Address with contact no, website & e-mail | Designation of the Head of Institute | Type of Institute | Area(s) of specialization | No. of training assigned | No. of persons to be trained | Allocation to be made to the institute |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | KVK, Bahraich | KVK, Bahraich, UP | Vice Chancelor | Training and research Institute | Agriculture and Soil & Moisture Conservation and Animal Husbandary | 6 | 1580 | - |
| 2 | Bhoomi Vikask awam Jal Prabandhan Prashikshan Sansthan, Belikala | Bhoomi Vikask awam Jal Prabandhan Prashikshan Sansthan, Belikala, Lucknow | Comishnor | | | 3 | 80 | |
| 3 | Valmi | Valmi, Utretia, Lucknow | SE | Training Institute | Soil & Moisture Conservation and Animal Husbandary | 3 | 50 | |
| 4 | Pt. Deen Dayal upadyay, Bakshi ka talaab | Pt. Deen Dayal upadyay, Bakshi ka talaab, Lucknow | Director | Training Institute | Soil & Moisture Conservation and Animal Husbandary etc. | 3 | 15 | |

**Table No.38: Capacity Building plan**

| Level of stakeholder | 2009-10 | | 2010-11 | | 2011-12 | 2012-13 | Total | |
|---|---|---|---|---|---|---|---|---|
| | Target (no.) | Achievement (no.) | Target (no.) | Ach.(no.) | Target (no.) | Target (no.) | Target (no.) | Ach.(no.) |
| SLNA level | - | - | - | - | | - | - | - |
| District level | - | - | - | -- | -- | - | -- | - |
| WDT level | 06 | 0 | 7 | 7 | 13 | 13 | 39 | 7 |
| WC level | 2092 | 0 | 516 | 1750 | 510 | 336 | 3454 | 1750 |
| Total | 2098 | 0 | 523 | 1757 | 523 | 349 | 3493 | 1757 |

## 4.5 HORTICULTURE DEVELOPMENT FOR WATERSHED MANAGEMENT

Horticulture is an important component of land use management. Now India is the second largest producer of fruits in the world after Brazil.However, 53% of the total geographical area of the country is degraded due to various reasons. Fruit trees and fruit based systems are the viable alternatives for economic utilization of such lands. The basic philosophy behind the conservation horticulture is the use of available resources and skillful choice of fruits. The use of available soil moisture , collection of the runoff water from the catchment area to make up the deficit requirements as well as in situ water harvesting techniques are some of the measures . The in situ water harvesting techniques should be used for growing trees in such a way that each tree has its own micro catchment area. The success of the conservation of horticulture entirely depends on the selection of economically viable hardy varieties of fruit crops resistant to moisture stress or drought and other adverse climate conditions. The fruit crops selected for degraded lands must be such that their maximum growth take place during the period of maximum water availability in the soil and should have low demand.

The main constraints which restrict development of the horticulture land use in degraded lands are enumerated below:

**(A) BASIC CONSTRAINTS**

1- Lack of suitable agro-techniques for degraded lands

2- Lack of trained resource persons

3- Inadequate dissemination of the technologies

4- Lack of community approach

5- High biotic interference

6- Lack of infrastructure including marketing.

**(B) SOIL CONSTRAINTS**

1- Poor nutrient status of the soil

2- Physical impediment

3- Moisture stress.

**(C) PLANT RELATED CONSTRAINTS**

1- Unsurvial zone

2- Problem of plant establishment

3- Physiological disorders

4- Fruit drop and poor productivity

5- Incidence of insects-pests.

However , apart from the above mentioned constraints, the measure bottleneck in horticulture development are poor technological advancements, high initial establishment cost, high input demand , timely operation and seasonal shortage of labours, etc.

## 4.6 CONCEPTS AND ADVANTAGES OF CONSERVATION HORTICULTURE

Conservation horticulture or horticulture land use based on soil and water conservation principle is a suitable alternative for utilization and management of land under rainfed conditions. Thus horticulture development in watershed management appears to be the most appropriate technique for sustained productivity as well as for restoration of degraded lands. In fact, horticulture system meet all the basic needs-food, fruits, fodder, fuel and timber besides, providing employment and sustaining a number of products for industries.

The fruit trees grown with crops can provide fuel from pruned shoots and dried branches, leaf fodder for animals and leaf litter that can be utilized as mulch material and organic matter the leaf litter of deciduous fruit trees not only protects the top soil from the impact of raindrops but also improve soil structure, reduces evapotranspiration, increases infiltration and add to the nutrient status of soil. Therefore conservation based horticulture land use system assumes great significance as fruit trees on degraded lands provide higher returns and offer alternative opportunity in non-arable areas where cropping may not be possible.

## 4.7 CONSERVATION HORTICULTURE PRACTICES

Some of the important practices are given below

**1- SELECTION OF SUITABLE FRUITS VARIETY:** For the success of conservation horticulture, selection of hardy varieties resistant to diseases and pests and use of local or other hardy root stocks for raising fruit-trees is of great importance. The major part of the reproductive cycle ie. Period from flowering to fruiting must also fall during maximum water availability period and the root ripening must be completed before the onset of dry summer (April-May).Mango, Guava, Karonda, Bel, Amla, Lemon, and etc. are the plants which fulfill this requirement and all these fruit plants are most suitable for plain region.

**2- PLANTING TECHNIQUES:** For degraded lands, pits should be dug of 1m x 1m x 1m size, the excavated soil is mixed with Farmyard Manure (FYM) @ 5-10kg/pit with doses of potash and phosphorous and some insecticide / pesticide (numicide / aldrex) for prevention of white ant. Planting of the fruits plants should be done with the onset of monsoon.

**3-USE OF ROOT STOKES:** Budding and grafting on the wild root stock gives benefit of the establishment root and in turn provides better quality fruits with high field potential. For example, Ziziphun mauritiana, a wild ber can be successful budded with scion of improved cultivars, This practice is only successful where sizable patch of wild root stock is available. The budded/grafted stock needs intensive management as it is required to be protected from the wild animals, birds, insects, pests etc. The wild root stock develops efficient top root to provide moisture and nutrients to the scion. Amla Bel is other examples of raising the improved cultivation the wild root stock.

**4-IN SITE WATER HARVESTING:** Since on slopy lands, runoff water is considerably higher, therefore, it should be harvested and used. The run off can be utilized for growing fruit plants in such a way that each tree in the established plants is at the time of fruit setting and fruiting. Moisture available at this critical period improves the fruit yield.

Runoff water will be harvested and stored in tanks during the rains. The stored water will be utilized at the time when the fruit trees show moisture stress during dry months. Counter trenches will dug between the rows of fruit trees because this is effective in conserving moisture and providing soil erosion.

**5-MULCHING:** Mulching is practised to conserve moisture. It prevents the loss of moisture by evaporation and improve water intake by the soils. Various organic (Straw, hay, manure, tree leaves, dry wads) Mulches are used for mulching. Use of plastic mulch has been taken in rainfed and dryfarrming conditions to increase the productivity by minimizing evapotranspiration losses.

**6-DRIP IRRIGATION:** Drip irrigation saves water by 40 to 70 percent and two to three times mare area can be irrigated with the same amount of available water. It has the advantages that it ensures uniform distribution of water, provides perfect control over water application and minimizing the losses during convergence and seepage.

### 4.8 Livelihood Pattern

Out of the total population of 28742 in the watershed, a majority *i.e.* more than 80 % has farming as their major source of livelihood followed by 18 % laborers and 2 % service + business class.

## TABLE NO. 40: PER CAPITA INCOME

| S.No. | Project Name | Agriculture (in Rs.) | Animal husbandry (in Rs.) | Casual labour (in Rs.) | Others (in Rs.) | Total (in Rs.) |
|---|---|---|---|---|---|---|
| 01 | IWMP-II | 5765.00 | 975.00 | 2392.00 | 997.00 | 10129.00 |

### 4.9 Dependency on forest for fuel wood and fodder

**a) Fuel wood**

Villagers in the village do not use LPG to meet their cooking energy requirements. The main source of fuel is woody stem. About 70 to 75 percent of the domestic energy requirement is met from the agro-byproduct and cow dung cake. Rest is met out from the forest outside the village and watershed boundary.

**Fodder:**

Villagers do not have any significant dependency on forest based fodder inspite of a huge area of forest land in the the cluster areadue to reserve category forest.

**Low use of fertilizer per unit cropped area:**

Farmers do not use sufficient fertilizer due to lack of water, scarcity of fertilizer in market and insufficient money for fertilizer. Many a times they don't get fertilizer at the right time.

**iii) Traditional farming methods:**

This also leads to low productivity. There is a lot of ignorance about the use of new farming methods and technologies such as multiple cropping. They don't use FYM and other input in a proper way; that is why they don't get 100% output. So these factors contribute to low productivity.

**iv) Lack of adequate farm machinery:**

Even today a large number of farmers in water shade area use wooden ploughs and bullocks. They don't have adequate machinery like seed drill. So, old machineries take more time in tillage practices.

**v) Lack of finances for farmers:**

In Eval most of the farmers are marginal and small. They do not have enough money to buy good quality seeds, machinery and other inputs.

**vi) Lack of good quality seeds and fertilizers:**

Good quality seed, fertilizer and pesticide are important factor in agriculture productivity. The use of good quality leads to higher land productivity. In watershed, however, there are two limitations in the use of fertilizer. First these fertilizers are most useful in irrigated condition. But in watershed 100 per cent of land depend on rainfall. mostly farmers use nitrogenous fertilizers especially urea. This has resulted in disproportionate use of fertilizer depleting the quality of land.

**vii) Lack of other facilities such as storage and marketing:**

5-10% of agriculture product damage after harvesting due to scarcity of proper storage and proper market for sale. So he sells to local traders at the low prices. Farmers mainly face proper means of transportation and roads. And second problem is farmers don't have proper storage facilities.

**Table No.41: Details of Fund flow of Watershed Committee Accounts** (Amount in Rs.)

| S. No. | Name of MWS with code | Name of watershed committee (WC) | Opening Balance | Deposit | | | Withdrawal | | | Interest accrued | Closing balance |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | DRDA/ ZP cheque No./date | Amount / Date of deposit in WC Account | Total amount available in WC Account | Amount withdrawn by Cash/ Cheque | Date of with-drawal | Purpose of with-drawal | | |
| 1 | 2B1G4b1c | Pairua | 500.00 | - | 810000.00 | | 22.00 | | | 3.00 | |
| | | | 31-12-10 | - | 22-03-11 | 810500.00 | 200000.00 | 02-06-11 | | | |
| | | | | - | | | 100000.00 | 28-06-11 | Labour payment | | |
| | | | | - | | | 200000.00 | 28-06-11 | | | |
| | | | | - | | | 89500.00 | 27-07-11 | | 330.00 | |
| | | | | - | | | 90000.00 | 27-07-11 | | | |
| | | | | - | | | 115000.00 | 05-11-11 | | | |
| | | | | - | | | 15500.00 | 30-01-12 | | | |
| | | **Total** | **500.00** | **-** | **810000.00** | **810500.00** | **810022.00** | | | **333.00** | **811.00** |
| 2 | 2B1G4b2a | Naubana | 500.00 | - | 990500.00 | 990500.00 | 22.00 | | | | |
| | | | 31.12-10 | - | 22-03-11 | | 200000.00 | 16-05-11 | | | |
| | | | | - | | | 150000.00 | 13-06-11 | | | |
| | | | | - | | | 200000.00 | 06-07-11 | | | |
| | | | | - | | | 200000.00 | 03-08-11 | | | |
| | | | | - | | | 77500.00 | 08-09-11 | | | |
| | | | | - | | | 113000 | 20-09-11 | | 606.00 | |
| | | | | - | | | 49500.00 | 30-01-12 | | 609.00 | |
| | | **Total** | **500.00** | **-** | **990000.00** | **990500.00** | **9900022.00** | | | **606.00** | **1087.00** |
| 3 | 2B1G4b1b | Somai Gauri | 500.00 | - | 1350000.00 | 1350500.00 | 22.00 | | | 3.00 | |
| | | | 31-12-10 | - | 22-03-11 | | 180000.00 | 15-06-11 | | | |
| | | | | - | | | 200000.00 | 05-07-11 | | | |
| | | | | - | | | 200000.00 | 05-07-11 | | | |
| | | | | - | | | 86400.0 | 27-07-11 | | 1472.00 | |
| | | | | - | | | 100000.00 | 27-07-11 | | 1296.00 | |
| | | | | - | | | 269500.00 | 04-11-11 | | 13863.00 | |
| | | | | - | | | 190000.00 | 28-01-12 | | | |
| | | | | | | | 54000.00 | 30-01-12 | | **16634.00** | **17112** |
| | | | | - | | | 70100.00 | ,, | | | |
| | | **Total** | 500.00 | - | 1350000.00 | 1350500.00 | **1350022.00** | | | | |

**4.10 Entry Point activity (EPA)**

EPA activities are taken up under watershed projects to build a rapport with the village community at the beginning of the project; generally, certain important works which are in urgent demand of the local community are taken up. A group Discussion was conducted with watershed Development Committee regarding the EPA activity, It was conveyed to the WC that an amount of Rs. 19.20 Lakh was allotted for EPA activity, which was 4 per cent of total allocated budget. The villagers discussed various activities which they felt is important but after a brief discussion it was conveyed to them that only those activities can be taken, which revive the common natural resources. It was also taken into priority that there should be an instrument of convergence which will result in sustainability of activities

**Table No.42: Entry point activities (EPA) (All financial figures in lakh Rs.)**

| Name of Villages | Amount earmarked for EPA | Entry Point Activities Planned | Estimated Cost (Rs.in Lakh) |
|---|---|---|---|
| 1Somai gauri<br>2.Bakhtwar gauri<br>3.Pairua<br>4.Jalim nagar<br>5.Urra<br>6.Mangauri<br>7.Jhala<br>8.Naubana<br>9.Goorh<br>10. Majhra<br>11.Girgitti<br>12.Madhwapur | 16.80 | (A) Well Repairing | .48 |
| | | (B) Krishak Vikas Manch | 0.50 |
| | | (C) HandPump , chabutara | 0.65 |
| | | (D) Drainage<br>(E) Panchayat Bhawan<br>(F) SOB | 0.88<br>0.60<br>3.77 |

## TABLE NO.43: ENTRY POINT ACTIVITIES (EPA) (ALL FINANCIAL FIGURES IN LAKH RS.)

| S.No. | Names of Villages | Amount earmarked for EPA | Entry Point Activities planned | Estimated cost(Rs. in Lakh) |
|---|---|---|---|---|
| 01 | 1.Somai gauri<br>2.Bakhtwar gauri<br>3.Pairua<br>4.Jalim nagar<br>5.Urra<br>6.Mangauri<br>7.Jhala<br>8.Naubana<br>9.Goorh<br>10. Majhra<br>11.Girgitti<br>12.Madhwapur | 16.80 | Repair of well<br>Renovation of Chekdam & Ponds<br>Shokpit,<br>Rain water harvesting structure<br>Renovation of village pond<br>India Marka Hand Pump<br>Bilding of animal water trough | 16.80 |

BEFORE WORK

AFTER WORK

**Table No. 44: Details of Convergence of IWMP-II with other Schemes***

| S. No. | Name of Gram Panchayat | Names of Departments with Schemes converging with IWMP | Fund made available to IWMP due to convergence (Rs. in lakh) | Was this fund included in Rs.12,000/ 15,000 per ha. | | Name of activity/task/structure undertaken with converged funds | Reference no. of activity/ task/ structure in DPR[@] | Level at which decision for convergence was taken[$] |
|---|---|---|---|---|---|---|---|---|
| | | | | Yes | No | (a) Structures<br>(b) livelihoods<br>(c ) Any other (pl. specify)[#] | | |
| 1 | Somai Gauri | Manrega | 18.08 | Yes | | **Structures** | Natural Resource Management (Soil Conservation) | District Level |
| 2 | Girgitti | Manrega | 5.05 | Yes | | **Structures** | | |
| 3 | Jalim nagar | Manrega | 7.96 | Yes | | **Structures** | | |
| 4 | Mangauria | Manrega | 2.15 | Yes | | **Structures** | | |
| 5 | Pairua | Manrega | 20.04 | Yes | | **Structures** | | |
| 6 | Goorh | Manrega | 10.95 | Yes | | **Structures** | | |
| 7 | Jhala | Manrega | 6.56 | Yes | | **Structures** | | |
| 8 | Naubana | Manrega | 20.94 | Yes | | **Structures** | | |
| 9 | Urra | Manrega | 5.88 | Yes | | **Structures** | | |
| 10 | Majhra | Manrega | 14.07 | Yes | | **Structures** | | |
| 11 | Madhwapur | Manrega | **1.74** | Yes | | **Structures** | | |
| | **Total for project** | | **113.42** | | | | | |

**Table No.45: Details of formation of Self Help Groups**

| S. No | Name of MWS | Name of village | Name of group | Date of Treserur | Name of Adhyaksh | Name of Sachiv | Total no of members | | | | Name of bank & address | Account no & date | Up to date saving Rs. | Group activites |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | woman | sc/st | other | total | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | 13 | 14 |
| 1 | Naubana 2B1G4b2a | Naubana 2B1G4b2a | Dr Bheem raoSHG | | Sri Ram naresh | Sri Ram naresh | 0 | 11 | 0 | 11 | | 0 | 0 | |
| 2 | | | Jai kali SHG | | Dallu | Guru Bachan | 0 | 10 | 0 | 10 | | 0 | 0 | |
| 3 | | | Jai BheemSHG | | Shakuntala devi | Kusum kumari | 10 | 10 | 0 | 10 | | 0 | 0 | |
| 4 | | | Durgawat SHG | | Ram parsad | Dev kumar | 0 | 10 | 0 | 10 | | 0 | 0 | |
| 5 | | | Laxmi SHG | | Kabutari devi | Subha wati | 0 | 11 | 0 | 11 | | 0 | 0 | |
| 6 | | | KrishanSHG | | Shiv parsad | Rakesh | 5 | 0 | 11 | 11 | | 0 | 0 | |
| 7 | | | Harit kranti SHG | | Gaynwati | Jai parkash | 1 | 0 | 10 | 10 | | 0 | 0 | |
| 8 | | | Khwaza SHG | | Mohd ajaz | Ali ahmad | 4 | 0 | 10 | 10 | | 0 | 0 | |
| 9 | | | RadhaSHG | | Chander bhoosan | Satish | 1 | 0 | 10 | 10 | | 0 | 0 | |
| 10 | | | Jai ambySHG | | Dukh haran | Anil kumar | 4 | 0 | 11 | 11 | | 0 | 0 | |
| 11 | | | Shiv ji SHG | | Maya devi | Meera devi | 10 | 0 | 10 | 10 | | 0 | 0 | |
| 12 | | | Maha bali SHG | | Suresh | Govind | 0 | 0 | 10 | 10 | | 0 | 0 | |
| 13 | | | Jai Bhole SHG | | Ram Khelwan | Ram ashish | 4 | 0 | 11 | 11 | | 0 | 0 | |
| 14 | | | Jai Shankar SHG | | Sadhu | Muniker | 4 | 0 | 11 | 11 | | 0 | 0 | |
| 15 | | | Mata sherawaliSHG | | Kiran Devi | Babu Ram | 3 | 0 | 10 | 10 | | 0 | 0 | |
| 16 | | | Parmeshwaer SHG | | Ashok | Kailesh | 11 | 0 | 11 | 11 | | 0 | 0 | |
| 17 | | | Aklevya SHG | | Paikarma | Mata parsad | 0 | 0 | 11 | 11 | | 0 | 0 | |
| 18 | | | Maa Kalika SHG | | Poonam devi | Smt devi | 11 | 0 | 11 | 11 | | 0 | 0 | |
| 19 | | | Jai Maa durga SHG | | Raju lal | Nand lal | 0 | 0 | 10 | 10 | | 0 | 0 | |
| 20 | | | Jai Suhal dev SHG | | Daya Shankar | Palash | 0 | 0 | 10 | 10 | | 0 | 0 | |
| 21 | | | Jai Laxmi SHG | | Sunita | Nirmala | 10 | 0 | 10 | 10 | | 0 | 0 | |
| 22 | | | Jai Bhole SHG | | Sundiriya | Anju | 10 | 0 | 10 | 10 | | 0 | 0 | |
| 23 | | | Nau yaug SHG | | Anuriddh | Kamla | 0 | 0 | 10 | 10 | | 0 | 0 | |
| 24 | | | Krishna SHG | | Kailash | Santosh | 4 | 10 | 0 | 10 | | 0 | 0 | |

| S. NO | name of MWS | Name of village | Name of group | Name of Treseroe | Name of Adhyaksh | Name of Sachiv | Total no of members | | | | Name of bank & address | Account no & date | Up to date saving Rs. | Group activites |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | woman | sc/st | other | total | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | 13 | 14 |
| 1 | Pairua 2B1G4b1c | Pairua | Kisan SHG | Puran | Lakchi lal | Sohan | 0 | 0 | 10 | 10 | 0 | 0 | 0 | general store |
| 2 | | | Apna dal SHG | Layak Ram | Vinod kumar | Sagar | 0 | 1 | 9 | 10 | 0 | 0 | 0 | goat keeping |
| 3 | | | Jai amby SHG | Befai | Ram Phal | Chet Ram | 0 | 2 | 8 | 10 | 0 | 0 | 0 | |
| 4 | | | Jai kali maa | Lakhan | Surandr kumar | Sadhu | 0 | 0 | 10 | 10 | 0 | 0 | 0 | general store |
| 5 | | | Jai javan | Lakhan | Babloo | Ram gopal | 0 | 2 | 8 | 10 | 0 | 0 | 0 | dairy |
| 6 | | | Krishak | Shaj Ram | Ram Naresh | Gunai | 0 | 0 | 10 | 10 | 0 | 0 | 0 | dairy |
| 7 | | | Sri Ram | Girdhari | Naryan | Arjun parsah | 0 | 0 | 10 | 10 | 0 | 0 | 0 | Dhaba |
| 8 | | | Sapna | Dharmraj | Amber lal | Tirath Ram | 0 | 0 | 10 | 10 | 0 | 0 | 0 | general store |
| 9 | | | Agrisen | Nand kishor | Raj kumar | Keshau Ram | 0 | 0 | 10 | 10 | 0 | 0 | 0 | goat keeping |
| 10 | | | LaxmiSHG | Kallu | Jaggernath | Sakik Ram | 0 | 3 | 7 | 10 | 0 | 0 | 0 | goat keeping |
| 11 | | | Muskan | Nand kishor | Kalish ram | Sat naryan | 0 | 0 | 10 | 10 | 0 | 0 | 0 | general store |
| 12 | | | Majdoor | Sohan | Sundar | Duji | 0 | 0 | 10 | 10 | 0 | 0 | 0 | goat keeping |
| 13 | | | Jai \sri | Kiran devi | Pushpa | Savtri devi | 10 | 0 | 10 | 10 | 0 | 0 | 0 | Swing Knitting |
| 14 | | | Srishak | Nanhu | Milhe | Chedi | 0 | 2 | 8 | 10 | 0 | 0 | 0 | goat keeping |
| 15 | | | Navyug | Vijay kuma | Krisha murari | Awdesh | 0 | 0 | 10 | 10 | 0 | 0 | 0 | goat keeping |
| 16 | | | Jahwar | Chet Ram | Nand Ram | Siya Ram | 0 | 0 | 10 | 10 | 0 | 0 | 0 | Dairy |
| 17 | | | Radhika | Ram Milan | Kamal kishor | Bal Ram | 0 | 0 | 10 | 10 | 0 | 0 | 0 | Dairy |
| 18 | | | Jai Hanuman | Reshma | sri nath | Ram dulari | 10 | 0 | 10 | 10 | 0 | 0 | 0 | Swing |
| 19 | | | Bawan | Varies | Vinay kumar | Vikay parkash | 0 | 0 | 10 | 10 | 0 | 0 | 0 | general store |
| 20 | | | Bashnaw | Reamesh kumar | Lallu | Sajjan | 0 | 1 | 5 | 6 | | | | Dairy |
| 21 | | | Girwar | Kausal | Deep naryan | Deep chand | 0 | 2 | 4 | 6 | | | | general store |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22 | | | Natwar | Pappu | Pankaj kumar | Banki | 0 | 2 | 5 | 7 | 0 | 0 | 0 | general store |
| 23 | | | Shambhoo | Ram chander | Sugga | Ram chander | 0 | 1 | 4 | 5 | 0 | 0 | 0 | Dhaba |
| 24 | | | Swati | Jag mohan | Baijnath | Sant Ram | 0 | 2 | 4 | 6 | 0 | 0 | 0 | Dhaba |
| 25 | | | Narhari | Dilshad | Maha dev | Gole | 0 | 0 | 6 | 6 | 0 | 0 | 0 | goat keeping |
| 26 | | | Umarao | Sharif | Ram sher | Nazir mohd | 0 | 0 | 5 | 5 | 0 | 0 | 0 | poultry |
| 27 | | | Gazzi | Shabbier | Kayyum | Moharam Ali | 0 | 1 | 4 | 5 | 0 | 0 | 0 | poultry |
| 28 | | | Kuddus | Faquire | Ali | Farman | 00 | 0 | 6 | 6 | 0 | 0 | 0 | poultry |
| 29 | | | Sikandar | Babber | Sakhalu | Jakir | 0 | 2 | 3 | 5 | 0 | 0 | 0 | poultry |
| 30 | | | Gautam | Arvind | Jagdesh | Tirath ram | 0 | 1 | 5 | 6 | 0 | 0 | 0 | goat keeping |
| 31 | | | Kautaliya | Laxmi | Kamta | Change | 0 | 0 | 6 | 6 | 0 | 0 | 0 | poultry |
| 32 | | | Paras | Hemant | Ajay kumar | Satrohan | 0 | 0 | 6 | 6 | 0 | 0 | 0 | general store |
| 33 | | | Bhardwaj | Bishram | Sohan | Layak Ram | 0 | 0 | 5 | 5 | 0 | 0 | 0 | Cycle repair |
| | | | Om Shiv | Chote lal | Kaushal kishor | Sanjay | 0 | 1 | 5 | 6 | 0 | 0 | 0 | Goat keeping |

| S. No | name of MWS | Name of village | Name of group | Date of Thresher | Name of Adhyaksh | Name of Sachiv | Total no of members | | | | Name of bank & address | Ac/no & date | Up to date saving Rs. | Group activites |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | woman | sc/st | other | total | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | 13 | 14 |
| 1 | | | Guru govind | Harbinder | Sri Guru saran | Sri pratap singh | 3 | 0 | 10 | 10 | 0 | 0 | 0 | general store |
| 2 | | | Guru nanak | Peakash | Harvinder | hardev | 3 | 0 | 10 | 10 | 0 | 0 | 0 | goat keeping |
| 3 | | | Khawja | Anis Khan | Shabbir | Rahis khan | 4 | 0 | 10 | 10 | 0 | 0 | 0 | sheep keeping |
| 4 | | | Raidas | Ramsurat | Ram naresh | Ghasete | 0 | 10 | 0 | 10 | 0 | 0 | 0 | general store |
| 5 | | | Buddheswer | Harnaaam | Guddu | Bhagwati | 0 | 0 | 12 | 12 | 0 | 0 | 0 | dairy |
| 6 | | | Mata sherawali | Pappu | Amber lal | Layak Ram | 0 | 0 | 11 | 11 | 0 | 0 | 0 | dairy |
| 7 | | | Dhanagar | Maiku | Salik Ram | Ram sahare | 0 | 0 | 10 | 10 | 0 | 0 | 0 | Dhaba |
| 8 | | | Madhav das | Kailesh | Beshwshwer | Acche lal | 0 | 0 | 11 | 11 | 0 | 0 | 0 | general store |
| 9 | **Somai Gauri 2B1G4b1b** | **Somai Gauri** | Nishad | Jairam | Sitaram | Sri pal | 1 | 0 | 11 | 11 | 0 | 0 | 0 | goat keeping |
| 10 | | | Ajmer | Alihasn | Suleman | \ali sher | 0 | 0 | 11 | 11 | 0 | 0 | 0 | goat keeping |
| 11 | | | Prithivirajchauhan | Ran Bhusan | Ramakant | Deepakkumar | 0 | 0 | 10 | 10 | | | | |
| 12 | | | Yadav SHG | Eashwerchand | Brahmanand | Kali ram | 0 | 0 | 12 | 12 | | | | general store |
| 13 | | | Rani Kalawati SHG | Mansha ram | Kalawati | Sone lal | 4 | 10 | 0 | 10 | | | | dairy |
| 14 | | | Ambedkar SHG | Sukh ram | Munna | Jeshawram | 0 | 10 | 0 | 10 | | | | dairy |
| 15 | | | Jai Nathu babaSHG | Rama babu | Salikram | Sulekhe ram | 0 | 0 | 11 | 11 | | | | Dhaba |
| 16 | | | Kevat SHG | Vikas | Sunadr | Tirath Ram | 0 | 0 | 10 | 10 | | | | general store |
| 17 | | | Raja Bharthri | Bharthari | Sant ram | Bhem sain | 0 | 0 | 10 | 10 | | | | goat keeping |
| 18 | | | MahaRani devki | Phelwan | Ramesh | Maya Ram | 0 | 10 | 0 | 10 | | | | |

**Table No.46: Detail of Self Help Group**

| S .no | Name of village/ micro-watershed | Name of SHG | No. of memders | Date of SHG formation | Status of homogeneous | | Name of bank | S.no. | A/C no | Amount Deposited | Proceeding register formed | | No. of meeting held | Internal loaning started | | Decided Economic Activities |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Homog-eneous | Non-homogenous | | | | | Yes | No | | Yes | No | |
| 1 | Naubana | Bharat SHG | 11 | 18-4-11 | Male | | Allahabad UP gramin Bank | 1 | | 4400 | Yes | | 20 | | No | Grain shop |
| 2 | Naubana | Maa Kalika SHG | 11 | 22-04-11 | Female | | Allahabad UP gramin Bank | 2 | | 4000 | Yes | | 20 | | No | Goatkeeping |
| 3 | Naubana | Laxmi SHG | 11 | 9/11/2011 | Female | | Allahabad UP gramin Bank | 3 | | 990 | Yes | | 7 | | No | Basket Making |
| 4 | Gurh | Jai Shree | 10 | 18-10-11 | Female | | Allahabad UP gramin Bank | 4 | | 2000 | Yes | | 8 | | No | Swing |
| 5 | Gurh | Maqusud | 11 | 12/12/2011 | Female | | Allahabad UP gramin Bank | 5 | | 660 | Yes | | 4 | | No | ,, |
| 6 | Gurh | ambay | 10 | 9/1/2012 | Female | | Allahabad UP gramin Bank | 6 | | 500 | Yes | | 2 | | No | cycle prparing |
| 7 | Girgitti | Adarash | 10 | 14-12-11 | Male | | Allahabad UP gramin Bank | 7 | | 1000 | Yes | | 3 | | No | Tea Shop |
| 8 | Girgitti | Om Namh Shivay | 10 | 15-01-12 | Male | | Allahabad UP gramin Bank | | | 500 | Yes | | 2 | | No | Mobile reparing |
| 9 | Girgitti | Jai Bhem | 10 | 20-01-12 | Male | | Allahabad UP gramin Bank | | | 500 | Yes | | 2 | | No | Tea Shop |
| 10 | Girgitti | Maa Bashnau | 10 | 9/1/2012 | Male | | Allahabad UP gramin Bank | | | 500 | Yes | | 2 | | No | Vechail Punchar |
| 11 | Girgitti | Jai Laxmi | 10 | 25-12-11 | Male | | Allahabad UP gramin Bank | | | 1000 | Yes | | 4 | | No | Milk shop |
| 12 | Naubana | Ankita | 10 | 15-06-11 | Male | | Allahabad UP gramin Bank | | | 2400 | Yes | | 17 | | No | Genral Marchant |
| 13 | Naubana | Jaiyanti | 10 | 17-07-11 | Female | | Allahabad UP | | | 2100 | Yes | | 16 | | No | Furniture |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | gramin Bank | | | | | | | | | |
| 14 | Naubana | Durga | 10 | 20-09-11 | Male | | Allahabad UP gramin Bank | | | 1500 | Yes | | 14 | | No | Grain Shop |
| 15 | Somai Gauri | Kebat | 7 | 5/1/2012 | Male | | Allahabad UP gramin Bank | | | 350 | Yes | | 2 | | No | Popular Tree Nursury |
| 16 | Somai Gauri | Maha Rani Deoki | 7 | 10/1/2012 | Male | | Allahabad UP gramin Bank | | | 350 | Yes | | 2 | | No | Poulatery |
| 17 | Somai Gauri | Ambedker | 7 | 16-01-12 | Male | | Allahabad UP gramin Bank | | | 350 | Yes | | 2 | | No | Genral Marchant |
| 18 | Somai Gauri | Nishad Hussan | 7 | 20-01-12 | Male | | Allahabad UP | | | 350 | Yes | | 2 | | No | Genral Marchant |

**CHAPTER- 5**

# MANAGEMENT/ACTION PLAN

# 5.1 Annual Action Plan of Livelihood Activities

### 5.1.1 Year-2009-10

**ANNUAL ACTION PLAN FOR THE YEAR 2009-10, DISTRICT-BAHARAICH**

| S.No. | GP NAME | Tretable area | Poultry | | Tea-Stall | | Goatry | | Dairy | | Sewing | | Corpentary | | Book Saller | | Penting Work | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Nos. | Fin. | Phy. | Fin. |
| 1 | Somai Gauri | 617 | 0 | 0 | 1 | 0.20 | 2 | 0.20 | 0 | 0 | 1 | 0.12 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0.52 |
| 2 | Girgitti | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.08 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.08 |
| 3 | Jalim nagar | 215 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.18 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.18 |
| 4 | Mangauria | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.06 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.06 |
| 5 | Pairua | 441 | 0 | 0 | 1 | 0.20 | 1 | 0.10 | 0 | 0 | 1 | 0.07 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.37 |
| 6 | Goorh | 570 | 0 | 0 | 1 | 0.20 | 1 | 0.10 | 1 | 0.17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.47 |
| 7 | Jhala | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.06 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.06 |
| 8 | Naubana | 589 | 0 | 0 | 1 | 0.20 | 1 | 0.10 | 1 | 0.20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.50 |
| 9 | Urra | 419 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.20 | 2.0 | 0.15 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.35 |
| 10 | Majhra | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.20 | 2.0 | 0.14 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.34 |
| 11 | Madhwapur | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Total** | **3500** | **0** | **0** | **4** | **0.8** | **5** | **0.5** | **4** | **0.77** | **11** | **0.86** | **0** | **0** | **0** | **0** | **0** | **0** | **25** | **2.93** |

### 5.1.2 Year-2010-11

**ANNUAL ACTION PLAN FOR THE YEAR 2010-11, DISTRICT-BAHARAICH**

| S.No. | GP NAME | Tretable area | Poultry | | Tea-Stall | | Goatry | | Dairy | | Sewing | | Corpentary | | Book Saller | | Penting Work | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Nos. | Fin. | Phy. | Fin. |
| 1 | Somai Gauri | 617 | 1 | 0.10 | 1 | 0.20 | 2 | 0.20 | 2 | 0.40 | 4 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 1.30 |
| 2 | Girgitti | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.21 |
| 3 | Jalim nagar | 215 | 0 | 0 | 1 | 00.20 | 2 | 0.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.45 |
| 4 | Mangauria | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.14 | 0 | 0 | 0 | 0 | 2 | 0.14 |
| 5 | Pairua | 441 | 0 | 0 | 1 | 0.20 | 2 | 0.20 | 2 | 0.40 | 0 | 0 | 1 | 0.12 | 0 | 0 | 0 | 0 | 6 | 0.92 |
| 6 | Goorh | 570 | 1 | 0.10 | 1 | 0.20 | 2 | 0.20 | 2 | 0.40 | 2 | 0.20 | 1 | 0.10 | 0 | 0 | 0 | 0 | 9 | 1.20 |
| 7 | Jhala | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.14 | 0 | 0 | 0 | 0 | 2 | 0.14 |
| 8 | Naubana | 589 | 1 | 0.10 | 1 | 0.20 | 2 | 0.20 | 2 | 0.40 | 2 | 0.20 | 2 | 0.14 | 0 | 0 | 0 | 0 | 10 | 1.24 |
| 9 | Urra | 419 | 1 | 0.10 | 1 | 0.20 | 2 | 0.20 | 2 | 0.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.88 |
| 10 | Majhra | 400 | 1 | 0.10 | 1 | 0.20 | 2 | 0.20 | 2 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0.84 |
| 11 | Madhwapur | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.04 | 0 | 0 | 0 | 0 | 1 | 0.04 |
| | **Total** | **3500** | **5.0** | **0.5** | **7** | **1.4** | **14** | **1.45** | **13** | **2.53** | **8** | **0.8** | **9** | **0.68** | **0** | **0** | **0** | **0** | **50.0** | **7.36** |

### 5.1.3 Year-2011-12

**ANNUAL ACTION PLAN FOR THE YEAR 2011-12, DISTRICT-BAHARAICH**

| S.No. | GP NAME | Tretable area | Poultry | | Tea-Stall | | Goatry | | Dairy | | Sewing | | Corpentary | | Book Saller | | Penting Work | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Nos. | Fin. | Phy. | Fin. |
| 1 | Somai Gauri | 617 | 1 | 0.10 | 1 | 0.20 | 2 | 0.20 | 2 | 0.40 | 4 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 1.30 |
| 2 | Girgitti | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.21 |
| 3 | Jalim nagar | 215 | 0 | 0 | 1 | 00.20 | 2 | 0.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.45 |
| 4 | Mangauria | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.14 | 0 | 0 | 0 | 0 | 2 | 0.14 |
| 5 | Pairua | 441 | 0 | 0 | 1 | 0.20 | 2 | 0.20 | 2 | 0.40 | 0 | 0 | 1 | 0.12 | 0 | 0 | 0 | 0 | 6 | 0.92 |
| 6 | Goorh | 570 | 1 | 0.10 | 1 | 0.20 | 2 | 0.20 | 2 | 0.40 | 2 | 0.20 | 1 | 0.10 | 0 | 0 | 0 | 0 | 9 | 1.20 |
| 7 | Jhala | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.14 | 0 | 0 | 0 | 0 | 2 | 0.14 |
| 8 | Naubana | 589 | 1 | 0.10 | 1 | 0.20 | 2 | 0.20 | 2 | 0.40 | 2 | 0.20 | 2 | 0.14 | 0 | 0 | 0 | 0 | 10 | 1.24 |
| 9 | Urra | 419 | 1 | 0.10 | 1 | 0.20 | 2 | 0.20 | 2 | 0.38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.88 |
| 10 | Majhra | 400 | 1 | 0.10 | 1 | 0.20 | 2 | 0.20 | 2 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0.84 |
| 11 | Madhwapur | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.04 | 0 | 0 | 0 | 0 | 1 | 0.04 |
| | Total | **3500** | **5.0** | **0.5** | **7** | **1.4** | **14** | **1.45** | **13** | **2.53** | **8** | **0.8** | **9** | **0.68** | **0** | **0** | **0** | **0** | **50.0** | **7.36** |

### 5.1.4 Year-2012-13

**ANNUAL ACTION PLAN FOR THE YEAR 2012-13, DISTRICT-BAHARAICH**

| S.No. | GP NAME | Tretable area | Poultry | | Tea-Stall | | Goatry | | Dairy | | Sewing | | Corpentary | | Book Saller | | Penting Work | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Nos. | Fin. | Phy. | Fin. |
| 1 | Somai Gauri | 617 | 1 | 0.10 | 1 | 0.20 | 2 | 0.20 | 2 | 0.40 | 3 | 0.30 | 2 | 0.15 | 1 | 0.20 | 0 | 0 | 12 | 1.55 |
| 2 | Girgitti | 100 | 0 | 0 | 1 | 0.20 | 0 | 0 | 0 | 0 | 1 | 0.05 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.25 |
| 3 | Jalim nagar | 215 | 0 | 0 | 1 | 0.20 | 0 | 0 | 2 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.54 |
| 4 | Mangauria | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.17 |
| 5 | Pairua | 441 | 0 | 0 | 1 | 0.20 | 2 | 0.20 | 1 | 0.11 | 4 | 0.40 | 0 | 0 | 1 | 0.20 | 0 | 0 | 9 | 1.11 |
| 6 | Goorh | 570 | 1 | 0.10 | 1 | 0.20 | 1 | 0.10 | 2 | 0.40 | 5 | 0.50 | 2 | 0.14 | 0 | 0 | 0 | 0 | 12 | 1.44 |
| 7 | Jhala | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.17 |
| 8 | Naubana | 589 | 1 | 0.10 | 1 | 0.20 | 1 | 0.10 | 2 | 0.40 | 5 | 0.50 | 2 | 0.18 | 0 | 0 | 0 | 0 | 12 | 1.48 |
| 9 | Urra | 419 | 1 | 0.10 | 1 | 0.20 | 1 | 0.10 | 2 | 0.40 | 2 | 0.20 | 1 | 0.06 | 0 | 0 | 0 | 0 | 8 | 1.06 |
| 10 | Majhra | 400 | 1 | 0.10 | 1 | 0.20 | 1 | 0.10 | 2 | 0.40 | 2 | 0.20 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 1.00 |
| 11 | Madhwapur | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.04 | 0 | 0 | 0 | 0 | 1 | 0.04 |
| | Total | **3500** | **5** | **0.5** | **8** | **1.6** | **8** | **0.8** | **15** | **2.79** | **22** | **2.15** | **8** | **0.57** | **2** | **0.4** | **0** | **0** | **68** | **8.81** |

# 5.2 Annual Action Plan of Production System

### 5.2.1 Year-2009-10

**ANNUAL ACTION PLAN FOR THE YEAR 2009-10, DISTRICT-BAHARAICH**

| S.No. | GP NAME | Tretable area | P | | A | | M | | B | | W | | M | | G | | L | | Veg. Seed Kits | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Nos. | Fin. | Phy. | Fin. |
| **1** | Somai Gauri | 617 | 1 | 0.103 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.306 | 1 | 0.102 | 0 | 0 | 0 | 0 | 2 | 0.009 | 5 | 0.52 |
| **2** | Girgitti | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0.08 | 0 | 0 | 0 | 0 | 0.5 | 0.08 |
| **3** | Jalim nagar | 215 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.16 | 0 | 0 | 4 | 0.02 | 1 | 0.18 |
| **4** | Mangauria | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0.06 | 0 | 0.06 |
| **5** | Pairua | 441 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.306 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0.064 | 3 | 0.37 |
| **6** | Goorh | 570 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.306 | 1 | 0.102 | 0 | 0 | 0 | 0 | 14 | 0.072 | 4 | 0.48 |
| **7** | Jhala | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0.06 | 0 | 0.06 |
| **8** | Naubana | 589 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.306 | 1 | 0.102 | 0.5 | 0.08 | 0 | 0 | 2 | 0.012 | 4.5 | 0.50 |
| **9** | Urra | 419 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.306 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0.044 | 3 | 0.35 |
| **10** | Majhra | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.306 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0.044 | 3 | 0.35 |
| **11** | Madhwapur | 15 | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **4** | **0.02** | **0** | **0.02** |
| | **Total** | **3500** | **1** | **0.103** | **0** | **0** | **0** | **0** | **0** | **0** | **18** | **1.836** | **3** | **0.306** | **2** | **0.32** | **0** | **0** | **81** | **0.405** | **24** | **2.97** |

### 5.2.2 Year-2010-11

**ANNUAL ACTION PLAN FOR THE YEAR 2010-11, DISTRICT-BAHRAICH**

| S.No. | GP NAME | Tretable area | P | | A | | M | | B | | W | | M | | G | | Veg. Seed Kits | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Nos. | Fin. | Phy. | Fin. |
| 1 | Somai Gauri | 617 | 1 | 0.103 | 0 | 0 | 1 | 0.105 | 0 | 0 | 7 | 0.714 | 2 | 0.204 | 1 | 0.16 | 1 | 0.004 | 12 | 1.29 |
| 2 | Girgitti | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.204 | 0 | 0 | 0 | 0 | 1 | 0.006 | 2 | 0.21 |
| 3 | Jalim nagar | 215 | 0 | 0 | 0 | 0 | 1 | 0.105 | 0 | 0 | 2 | 0.204 | 1 | 0.102 | 0 | 0 | 8 | 0.039 | 4 | 0.45 |
| 4 | Mangauria | 68 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 1 | 0.102 | 0 | 0 | 0 | 0 | 8 | 0.038 | 1 | 0.14 |
| 5 | Pairua | 441 | 1 | 0.103 | 0 | 0 | 1 | 0.105 | 1 | 0.079 | 6 | 0.612 | 0 | 0 | 0 | 0 | 4 | 0.021 | 9 | 0.92 |
| 6 | Goorh | 570 | 1 | 0.103 | 0 | 0 | 1 | 0.105 | 0 | 0 | 8 | 0.816 | 1 | 0.102 | 0 | 0 | 15 | 0.074 | 11 | 1.20 |
| 7 | Jhala | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.102 | 0 | 0 | 0 | 0 | 8 | 0.038 | 1 | 0.14 |
| 8 | Naubana | 589 | 1 | 0.103 | 0 | 0 | 1 | 0.105 | 0 | 0 | 8 | 0.816 | 2 | 0.204 | 0 | 0 | 3 | 0.012 | 12 | 1.24 |
| 9 | Urra | 419 | 1 | 0.103 | 0 | 0 | 1 | 0.105 | 0 | 0 | 6 | 0.612 | 0 | 0 | 0 | 0 | 12 | 0.06 | 8 | 0.88 |
| 10 | Majhra | 400 | 1 | 0.103 | 0 | 0 | 1 | 0.105 | 0 | 0 | 6 | 0.612 | 0 | 0 | 0 | 0 | 4 | 0.02 | 8 | 0.84 |
| 11 | Madhwapur | 15 | **0** | **0** | **0** | **0** | **0** | 0 | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **8** | **0.04** | **0** | 0.04 |
| | Total | **3500** | **6** | **0.618** | **0** | **0** | **7** | **0.735** | **1** | **0.079** | **47** | **4.794** | **6** | **0.612** | **1** | **0.16** | **72** | **0.352** | **68** | **7.35** |

### 5.2.3 Year-2011-12

**ANNUAL ACTION PLAN FOR THE YEAR 2011-12, DISTRICT-BAHARAICH**

| S.No. | GP NAME | Tretable area | P | | A | | M | | B | | W | | M | | G | | Veg. Seed Kits | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Nos. | Fin. | Phy. | Fin. |
| 1 | Somai Gauri | 617 | 1 | 0.103 | 0 | 0 | 1 | 0.105 | 0 | 0 | 7 | 0.714 | 2 | 0.204 | 1 | 0.16 | 1 | 0.004 | 12 | 1.29 |
| 2 | Girgitti | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.204 | 0 | 0 | 0 | 0 | 1 | 0.006 | 2 | 0.21 |
| 3 | Jalim nagar | 215 | 0 | 0 | 0 | 0 | 1 | 0.105 | 0 | 0 | 2 | 0.204 | 1 | 0.102 | 0 | 0 | 8 | 0.039 | 4 | 0.45 |
| 4 | Mangauria | 68 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 1 | 0.102 | 0 | 0 | 0 | 0 | 8 | 0.038 | 1 | 0.14 |
| 5 | Pairua | 441 | 1 | 0.103 | 0 | 0 | 1 | 0.105 | 1 | 0.079 | 6 | 0.612 | 0 | 0 | 0 | 0 | 4 | 0.021 | 9 | 0.92 |
| 6 | Goorh | 570 | 1 | 0.103 | 0 | 0 | 1 | 0.105 | 0 | 0 | 8 | 0.816 | 1 | 0.102 | 0 | 0 | 15 | 0.074 | 11 | 1.20 |
| 7 | Jhala | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.102 | 0 | 0 | 0 | 0 | 8 | 0.038 | 1 | 0.14 |
| 8 | Naubana | 589 | 1 | 0.103 | 0 | 0 | 1 | 0.105 | 0 | 0 | 8 | 0.816 | 2 | 0.204 | 0 | 0 | 3 | 0.012 | 12 | 1.24 |
| 9 | Urra | 419 | 1 | 0.103 | 0 | 0 | 1 | 0.105 | 0 | 0 | 6 | 0.612 | 0 | 0 | 0 | 0 | 12 | 0.06 | 8 | 0.88 |
| 10 | Majhra | 400 | 1 | 0.103 | 0 | 0 | 1 | 0.105 | 0 | 0 | 6 | 0.612 | 0 | 0 | 0 | 0 | 4 | 0.02 | 8 | 0.84 |
| 11 | Madhwapur | 15 | **0** | **0** | **0** | **0** | **0** | 0 | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **8** | **0.04** | **0** | 0.04 |
| | Total | **3500** | **6** | **0.618** | **0** | **0** | **7** | **0.735** | **1** | **0.079** | **47** | **4.794** | **6** | **0.612** | **1** | **0.16** | **72** | **0.352** | **68** | **7.35** |

### 5.2.4 Year-2012-13

**ANNUAL ACTION PLAN FOR THE YEAR 2012-13, DISTRICT-BAHARAICH**

| S.No. | GP NAME | Tretable area | P | | A | | M | | B | | W | | M | | G | | Veg. Seed Kits | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Nos. | Fin. | Phy. | Fin. |
| 1 | Somai Gauri | 617 | 1 | 0.103 | 1 | 0.094 | 2 | 0.21 | 1 | 0.079 | 10 | 1.02 | 2 | 0.204 | 2 | 0.32 | 8 | 0.04 | 19 | 2.07 |
| 2 | Girgitti | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0.306 | 0 | 0 | 0 | 0 | 7 | 0.034 | 3 | 0.34 |
| 3 | Jalim nagar | 215 | 1 | 0.103 | 0 | 0 | 1 | 0.105 | 0 | 0 | 4 | 0.408 | 1 | 0.102 | 0 | 0 | 1 | 0.002 | 7 | 0.72 |
| 4 | Mangauria | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.204 | 0 | 0 | 0 | 0 | 5 | 0.026 | 2 | 0.23 |
| 5 | Pairua | 441 | 1 | 0.103 | 0 | 0 | 1 | 0.105 | 0 | 0 | 8 | 0.816 | 2 | 0.204 | 1 | 0.16 | 18 | 0.092 | 13 | 1.48 |
| 6 | Goorh | 570 | 1 | 0.103 | 0 | 0 | 2 | 0.210 | 0 | 0 | 10 | 1.02 | 2 | 0.204 | 2 | 0.32 | 12 | 0.063 | 17 | 1.92 |
| 7 | Jhala | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.204 | 0 | 0 | 0 | 0 | 3 | 0.016 | 2 | 0.22 |
| 8 | Naubana | 589 | 1 | 0.103 | 0 | 0 | 2 | 0.21 | 1 | 0.079 | 10 | 1.02 | 2 | 0.204 | 2 | 0.32 | 9 | 0.044 | 18 | 1.98 |
| 9 | Urra | 419 | 1 | 0.103 | 0 | 0 | 1 | 0.105 | 0 | 0 | 8 | 0.816 | 2 | 0.204 | 1 | 0.16 | 4 | 0.022 | 13 | 1.41 |
| 10 | Majhra | 400 | 1 | 0.103 | 0 | 0 | 1 | 0.105 | 0 | 0 | 8 | 0.816 | 1 | 0.102 | 1 | 0.16 | 11 | 0.054 | 12 | 1.34 |
| 11 | Madhwapur | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0.05 | 0 | 0.05 |
| | Total | **3500** | **7** | **0.721** | **1** | **0.094** | **10** | **1.05** | **2** | **0.158** | **65** | **6.63** | **12** | **1.224** | **9** | **1.44** | **87** | **0.443** | **106** | **11.76** |

**P: Paddy, A: Arhar, M: Maze, M: Musterd, B: Barley, W: Wheat, G: Gram**

# 5.3 Annual Action Plan of Micro-Enterprises

**5.3.1,Year 2009-10**

| | 1 | | 2 | | 3 | | 4 | | 6 | | 7 | | 7 | | 9 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | MFM | | EXPELLER | | VERMI CULTURE | | GM SHOPE | | DONA PATTAL | | PUMPSET REPAIR | | Total | |
| S.No. | GP NAME | | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. |
| 1 | Somai Gauri | 617 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.22 | 0 | 0 | 0 | 0 | 1 | 0.22 |
| 2 | Girgitti | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.04 | 1 | 0.04 |
| 3 | Jalim nagar | 215 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.08 | 1 | 0.08 |
| 4 | Mangauria | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.02 | 1 | 0.02 |
| 5 | Pairua | 441 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.16 | 2 | 0.16 |
| 6 | Goorh | 570 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.2 | 0 | 0 | 0 | 0 | 1 | 0.2 |
| 7 | Jhala | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.02 | 1 | 0.02 |
| 8 | Naubana | 589 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.21 | 0 | 0 | 0 | 0 | 1 | 0.21 |
| 9 | Urra | 419 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.16 | 0 | 0 | 0 | 0 | 1 | 0.16 |
| 10 | Majhra | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.14 | 0 | 0 | 0 | 0 | 1 | 0.14 |
| 11 | Madhwapur | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Total** | **3500** | **0** | **0** | **0** | **0** | **0** | **0** | **5** | **0.93** | **0** | **0** | **6** | **0.32** | **11** | **1.25** |

**5.3.2, Year 2010-11**

| S.No. | 1 | | 2 | | 3 | | 4 | | 6 | | 7 | | 7 | | 9 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GP NAME | | MFM | | EXPELLER | | VERMI CULTURE | | GM SHOPE | | DONA PATTAL | | PUMPSET REPAIR | | Total | |
| | | | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. |
| 1 | Somai Gauri | 617 | 0 | 0 | 0 | 0 | 2 | 0.20 | 1 | 0.20 | 0 | 0 | 2 | 0.16 | 5 | 0.56 |
| 2 | Girgitti | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.09 | 1 | 0.09 |
| 3 | Jalim nagar | 215 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.20 | 0 | 0 | 0 | 0 | 1 | 0.20 |
| 4 | Mangauria | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.06 | 1 | 0.06 |
| 5 | Pairua | 441 | 0 | 0 | 1 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.40 |
| 6 | Goorh | 570 | 1 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.11 | 2 | 0.51 |
| 7 | Jhala | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.06 | 1 | 0.06 |
| 8 | Naubana | 589 | 1 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.13 | 2 | 0.53 |
| 9 | Urra | 419 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.20 | 0 | 0 | 2 | 0.18 | 3 | 0.38 |
| 10 | Majhra | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.20 | 0 | 0 | 2 | 0.16 | 3 | 0.36 |
| 11 | Madhwapur | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Total** | **3500** | **2** | **0.8** | **1** | **0.4** | **2** | **0.2** | **4** | **0.8** | **0** | **0** | **11** | **0.95** | **20** | **3.15** |

**5.3.3 Year- 2011-12**

| S.No. | 1 | | 2 | | 3 | | 4 | | 6 | | 7 | | 7 | | 9 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GP NAME | | MFM | | EXPELLER | | VERMI CULTURE | | GM SHOPE | | DONA PATTAL | | PUMPSET REPAIR | | Total | |
| | | | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. |
| 1 | Somai Gauri | 617 | 0 | 0 | 0 | 0 | 2 | 0.20 | 1 | 0.20 | 0 | 0 | 2 | 0.16 | 5 | 0.56 |
| 2 | Girgitti | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.09 | 1 | 0.09 |
| 3 | Jalim nagar | 215 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.20 | 0 | 0 | 0 | 0 | 1 | 0.20 |
| 4 | Mangauria | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.06 | 1 | 0.06 |
| 5 | Pairua | 441 | 0 | 0 | 1 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.40 |
| 6 | Goorh | 570 | 1 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.11 | 2 | 0.51 |
| 7 | Jhala | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.06 | 1 | 0.06 |
| 8 | Naubana | 589 | 1 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.13 | 2 | 0.53 |
| 9 | Urra | 419 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.20 | 0 | 0 | 2 | 0.18 | 3 | 0.38 |
| 10 | Majhra | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.20 | 0 | 0 | 2 | 0.16 | 3 | 0.36 |
| 11 | Madhwapur | **15** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total | **3500** | **2** | **0.8** | **1** | **0.4** | **2** | **0.2** | **4** | **0.8** | **0** | **0** | **11** | **0.95** | **20** | **3.15** |

**5.3.4 Year- 2012-13**

| | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | MFM | | EXPELLER | | VERMI CULTURE | | GM SHOPE | | DONA PATTAL | | PUMPSET REPAIR | | Total | |
| S.No. | GP NAME | | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. | Phy. | Fin. |
| 1 | Somai Gauri | 617 | 1 | 0.4 | 1 | 0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.09 | 3 | 0.89 |
| 2 | Girgitti | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0.14 | 2 | 0.14 |
| 3 | Jalim nagar | 215 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.2 | 0 | 0 | 1 | 0.11 | 2 | 0.31 |
| 4 | Mangauria | 68 | 0 | 0 | 0 | 0 | 1 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.1 |
| 5 | Pairua | 441 | 0 | 0 | 1 | 0.4 | 1 | 0.1 | 0 | 0 | 0 | 0 | 2 | 0.14 | 4 | 0.64 |
| 6 | Goorh | 570 | 1 | 0.4 | 0 | 0 | 2 | 0.2 | 1 | 0.22 | 0 | 0 | 0 | 0 | 4 | 0.82 |
| 7 | Jhala | 66 | 0 | 0 | 0 | 0 | 1 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.1 |
| 8 | Naubana | 589 | 1 | 0.4 | 1 | 0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.05 | 3 | 0.85 |
| 9 | Urra | 419 | 0 | 0 | 1 | 0.4 | 0 | 0 | 1 | 0.2 | 0 | 0 | 0 | 0 | 2 | 0.6 |
| 10 | Majhra | 400 | 1 | 0.4 | 0 | 0 | 0 | 0 | 1 | 0.18 | 0 | 0 | 0 | 0 | 2 | 0.58 |
| 11 | Madhwapur | **15** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.02 | 1 | 0.02 |
| | **Total** | **3500** | **4** | **1.6** | **4** | **1.6** | **5** | **0.5** | **4** | **0.8** | **0** | **0** | **8** | **0.55** | **25** | **5.05** |

**MFM: Mini Flour Machine**
**GM: General Merchant**

## Table No.45: At a Glance of year wise Production System & Micro-Enterprises financial Breakup

| YEARWISE FINANCIAL BREAK UP OF PRODUCTION & MICRO ENTERPRISES OF IWMP-I, DISTRICT-BAHRAICH | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Amount in Lacs |
| S.No. | GP NAME | Tretable area | Perposed Amount | Production System & Mocro-enterprises 10% of the Project Cost | | | | |
| | | | | 2009-10 | 2010-11 | 2011-12 | 2012-13 | Total |
| 1 | Somai Gauri | 617 | 7.40 | 0.74 | 1.85 | 1.85 | 2.96 | 7.40 |
| 2 | Girgitti | 100 | 1.20 | 0.12 | 0.30 | 0.30 | 0.48 | 1.20 |
| 3 | Jalim nagar | 215 | 2.58 | 0.26 | 0.65 | 0.65 | 1.03 | 2.58 |
| 4 | Mangauria | 68 | 0.82 | 0.08 | 0.20 | 0.20 | 0.33 | 0.82 |
| 5 | Pairua | 441 | 5.29 | 0.53 | 1.32 | 1.32 | 2.12 | 5.29 |
| 6 | Goorh | 570 | 6.84 | 0.68 | 1.71 | 1.71 | 2.74 | 6.84 |
| 7 | Jhala | 66 | 0.79 | 0.08 | 0.20 | 0.20 | 0.32 | 0.79 |
| 8 | Naubana | 589 | 7.07 | 0.71 | 1.77 | 1.77 | 2.83 | 7.07 |
| 9 | Urra | 419 | 5.03 | 0.50 | 1.26 | 1.26 | 2.01 | 5.03 |
| 10 | Majhra | 400 | 4.80 | 0.48 | 1.20 | 1.20 | 1.92 | 4.80 |
| 11 | Madhwapur | 15 | 0.18 | 0.02 | 0.05 | 0.05 | 0.07 | 0.18 |
| | **Total** | | **42.00** | **4.2** | **10.5** | **10.5** | **16.8** | **42.00** |

## 5.3 CAPACITY BILDING ACTION PLAN

| S. No. | Level | No. person to be trained | No. of Person days | Cost in Lacs. |
|---|---|---|---|---|
| 1 | SLNA | - | - | 1.26 |
| 2 | WCDC | - | - | 3.78 |
| 3 | PIA | 18 | 10 | 1.35 |
| a. | WDT | 860 | 20 | 6.88 |
| b. | SHGs | 425 | 10 | 2.55 |
| c. | UG | 120 | 2 | 0.60 |
| d. | WC | 1832 | 16 | 4.58 |
| e | OTHERS | 0 | 0 | 0 |
| | Total | 3255 | 58 | 21.00 |

Note: All prescribed training at deffirent level is based on sanctioned amount (5%) of total. Its details mentioned project file

## 5.4 Self Help Group (SHGs):

Self Help Groups are motivated, small homogenous groups organized together through credit and thrift activities. Self help group initiative especially for women help uplift their livelihood. Generally self help groups include landless and poor women.

Before formation of the SHGs, during PRA activities, Focused Group Discussions (FGDs) were held with the women, which came up with the following observations:

a) Lack of proper credit facilities due to low intervention of formal financial credit institution.

b) Excessive exploitation of weaker section by money lenders

c) Lack of attitude for saving among poor people

d) Lack of knowledge on credit and thrift activity and banking.

## Table No.47: Details of User Groups

| S.No. | Name of Micro watershed with code | Names of villages | Total no. of UGs | | | | No. of members | | | | No. of SC/ST in each category | | | No. of BPL in each category | | | Date of formation of UGs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Men | Women | Both | Total | Categories | M | F | Total | M | F | Total | M | F | Total | |
| 1 | **Somai Gauri 2B1G4b1b** | **Somai Gauri** | 11 | - | 11 | 11 | (i)Landless | - | - | - | - | - | - | - | - | - | 0 |
| | | | | | | | (ii) SF | 20 | - | 20 | 2 | 0 | 2 | 0 | 0 | 0 | 0 |
| | | | | | | | (iii) MF | 51 | - | 51 | 5 | 0 | 5 | 0 | 0 | 0 | 0 |
| | | | | | | | (iv) LF | 3 | - | - | 0 | - | 0 | 0 | 0 | 0 | 0 |
| | **Total** | | | - | 11 | 11 | | **74** | | **74** | **07** | **0** | **07** | **0** | **0** | **0** | **0** |
| 2 | **Naubana 2B1G4b2a** | **Naubana** | 06 | - | 06 | 12 | (i)Landless | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0** |
| | | | | | | | (ii) SF | 23 | - | 23 | 3 | 0 | 3 | 0 | 0 | 0 | **0** |
| | | | | | | | (iii) MF | 47 | - | 47 | 9 | 0 | 9 | 0 | 0 | 0 | **0** |
| | | | | | | | (iv) LF | 2 | - | 2 | - | 0 | 0 | 0 | 0 | 0 | **0** |
| | **Total** | | 06 | - | 06 | 12 | | **72** | **-** | **72** | **12** | **0** | **12** | **0** | **0** | **0** | **0** |
| 3 | **Pairua 2B1G4b1c** | **Pairua** | 09 | - | - | 09 | (i)Landless | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0** |
| | | | | | | | (ii) SF | 18 | 0 | 18 | 02 | 0 | 02 | 0 | 0 | 0 | **0** |
| | | | | | | | (iii) MF | 33 | 0 | 33 | 08 | 0 | 08 | 0 | 0 | 0 | **0** |
| | | | | | | | (iv) LF | 03 | 0 | 03 | 0 | 0 | 0 | 0 | 0 | 0 | **0** |
| | **Total** | | 09 | - | - | 09 | | **54** | **0** | **54** | **10** | **0** | **10** | **0** | **0** | **0** | **0** |

# MICRO WATERSHED WISE WORK SUMMARY BASED ACTION PLAN

| MWS Name with Code | | | MWS CODE NO. & NAME | | | | | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|
| S.No. | Name of Activities | Name of GP | Pairua 2B1G4b1c | | Naubana 2B1G4b2a | | Somai Ghaurhi 2B1G4b1b | | | |
| | | | Quat. | Cost | Quat. | Cost | Quat. | Cost | Quat. | Cost |
| | 1. Work Development | Unit | | | | | | | | |
| | a. Land Development | | | | | | | | | |
| 1 | Afforestation | Ha. | 86.00 | 6.87 | 113.50 | 9.08 | 80.60 | 6.44 | 280.10 | 22.39 |
| 2 | Agriculture | Ha. | | | | | | | | |
| 3 | Pasture | Ha. | | | | | | | | |
| 4 | Harticulture | Ha. | | | | | | | | |
| | Sub Total | | **86.00** | **6.87** | **113.50** | **9.08** | **80.60** | **6.44** | **280.10** | **22.39** |
| | b. Soil Moisture Conservation | | | | | | | | | |
| | | | | | | | | | | |
| 1 | Field Bunds | Ha. | | | | | | | | |
| 2 | Contour bunding | Ha. | 142.00 | 7.80 | 175.00 | 9.81 | 241.00 | 12.01 | 558.00 | 29.62 |
| 3 | Marginal Bunds | Ha. | 361.00 | 27.28 | 465.00 | 35.31 | 201.00 | 14.67 | 1027.00 | 77.26 |
| 4 | Peripheral Bunds | Ha. | 369.00 | 43.76 | 478.50 | 43.98 | 335.40 | 45.47 | 1182.90 | 133.21 |
| 5 | Others / Field Bunding | Ha. | | | | | | | | |
| | Sub Total | Ha. | **872.00** | **78.84** | **1118.50** | **89.10** | **777.40** | **72.15** | **2767.90** | **240.09** |
| | c. Water Harvesting Structure | | | | | | | | | |
| 1 | Form Ponds | Ha. | 52.00 | 12.58 | 81.00 | 19.76 | 42.00 | 7.60 | 175.00 | 39.94 |
| 2 | Check dams | Ha. | 67.00 | 11.64 | 110.00 | 20.32 | 100.00 | 14.25 | 277.00 | 48.21 |
| 3 | Nallah bunds | Ha. | | | | | | | | |
| 4 | Percolation tanks | Ha. | | | | | | | | |
| 5 | Ground water recharge structures | Ha. | | | | | | | | |
| | Sub Total | Ha. | **119.00** | **24.22** | **191.00** | **40.08** | **142.00** | **21.85** | **452.00** | **88.15** |
| | c.Veg. & Engg. Structures | | | | | | | | | |
| 1 | Earthen checks | Ha. | | | | | | | | |
| 2 | Brushwood checks | Ha. | | | | | | | | |
| 3 | Gully plugs | Ha. | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **4** | **Loose boulders** | **Ha.** | | | | | | | | |
| **5** | **Gabion structures** | **Ha.** | | | | | | | | |
| **6** | **Others** | **Ha.** | | | | | | | | |
| | **Total** | **Ha.** | | | | | | | | |
| **Grand Total WDW** | | | **1077.00** | **109.93** | **1423.00** | **138.26** | **1000.00** | **100.44** | **3500.00** | **348.63** |
| **Livilihood** | | | | | | | | | | |
| 2 | **Bee Keeping** | Nos. | | | | | | | | |
| 3 | **Poultry** | Nos. | 3 | 0.30 | 9 | 0.90 | 3 | 0.30 | 15 | 1.50 |
| 4 | **Fishries** | Nos. | | | | | | | | |
| 5 | **Bio-Fuel Plantation** | Nos. | | | | | | | | |
| 6 | **Others** | Nos. | | | | | | | | |
| a | **Goatry** | Nos. | 14 | 1.40 | 15 | 1.50 | 11 | 1.30 | 40 | 4.20 |
| b | **Dairy** | Nos. | 13 | 2.35 | 23 | 4.44 | 11 | 2.13 | 47 | 8.92 |
| c | **Candle making** | Nos. | | | | | | | | |
| d | **Sweet Packs** | Nos. | | | | | | | | |
| e | **Dona Pattal** | Nos. | | | | | | | | |
| f | **Sewing** | Nos. | 15 | 1.43 | 17 | 1.59 | 18 | 1.59 | 50 | 4.61 |
| g | **Tea stall** | Nos. | 8 | 1.60 | 10 | 2.00 | 8 | 1.60 | 26 | 5.20 |
| h | **Painting wark** | Nos. | | | | | | | | |
| i | **Carpentry** | Nos. | 6 | 0.86 | 7 | 0.46 | 6 | 0.43 | 19 | 1.75 |
| j | **Book seller** | Nos. | 1 | 0.20 | 0 | 0 | 1 | 0.20 | 2 | 0.40 |
| k | **Welding(Gas/Electric)** | Nos. | | | | | | | | |
| | **Sub Total** | Nos. | **57.00** | **8.14** | **81.00** | **10.89** | **58.00** | **7.55** | **199.00** | **26.58** |
| | | | | | | | | | | |
| | **Production system** | | | | | | | | | |
| | **a.Crop Demostration** | Ha | 81.00 | 9.04 | 109.50 | 11.50 | 75.50 | 8.40 | 266.00 | 29.39 |
| | **Sub Total** | | | | | | | | | |
| | **b. Micro-Enterprises** | Nos. | | | | | | | | |
| 1 | **Mini Dal Machine** | Nos. | | | | | | | | |
| 2 | **Expeller** | Nos. | 3.00 | 1.20 | 2.00 | 0.80 | 1.00 | 0.40 | 6.00 | 2.40 |
| 3 | **Vermi Culture** | Nos. | 4.00 | 0.40 | 0 | 0 | 5.00 | 0.50 | 9.00 | 0.90 |
| 4 | **GM Shope** | Nos. | 2.00 | 0.42 | 8.00 | 1.69 | 6.00 | 1.22 | 16.00 | 3.33 |
| 5 | **Mini floor Machine** | Nos. | 3.00 | 1.20 | 4.00 | 1.60 | 1.00 | 0.40 | 8.00 | 3.20 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | **Dona Pattal** | Nos. | | | | | | | | |
| 7 | **Pumping set Repair** | Nos. | 10.00 | 0.66 | 11.00 | 0.69 | 14.00 | 1.10 | 35.00 | 2.75 |
| 8 | **Black Smithy** | Nos. | | | | | | | | |
| 9 | **Mobile Repair** | Nos. | | | | | | | | |
| 10 | **Bag making** | Nos. | | | | | | | | |
| | **Sub Total** | Nos. | **22.00** | **3.88** | **25.00** | **5.08** | **27.00** | **3.62** | **74.00** | **12.58** |
| | **Grand Total** | | **1077.00** | **130.99** | **1423.00** | **166.28** | **1000.00** | **120.09** | **3500.00** | **417.36** |
| | | | | | | | | | | |

# GRAM PANCHAYAT WISE WORK SUMMARY BASED ON ACTION PLAN

**Table No.48:** **MWS CODE: 2B1G4b1c (Pairua)**

| MWS Name with Code | | Pairua 2B1G4b1c | Name of GP | | | | | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|
| S.No. | Name of Activities | Name of GP | Pairua | | Goorh | | Jhala | | | |
| | | | Quat. | Cost | Quat. | Cost | Quat. | Cost | Quat. | Cost |
| | 1. Work Development | Unit | | | | | | | | |
| | a. Land Development | | | | | | | | | |
| 1 | Afforestation | Ha. | 35.20 | 2.81 | 45.60 | 3.65 | 5.20 | 0.41 | 86.00 | 6.87 |
| 2 | Agriculture | Ha. | | | | | | | | |
| 3 | Pasture | Ha. | | | | | | | | |
| 4 | Harticulture | Ha. | | | | | | | | |
| | Sub Total | | **35.20** | **2.81** | **45.60** | **3.65** | **5.20** | **0.41** | 86.00 | 6.87 |
| | b. Soil Moisture Conservation | | | | | | | | | |
| | | | | | | | | | | |
| 1 | Field Bunds | Ha. | | | | | | | | |
| 2 | Contour bunding | Ha. | 34.00 | 2.07 | 96.00 | 5.05 | 12.00 | 0.68 | 142.00 | 7.80 |
| 3 | Marginal Bunds | Ha. | 180.00 | 12.51 | 163.00 | 13.10 | 18.00 | 1.67 | 361.00 | 27.28 |
| 4 | Peripheral Bunds | Ha. | 117.80 | 17.09 | 235.40 | 22.93 | 15.80 | 3.74 | 369.00 | 43.76 |
| 5 | Others / Field Bunding | Ha. | | | | | | | | |
| | Sub Total | Ha. | **331.80** | **31.67** | **494.40** | **41.08** | **45.80** | **6.09** | 872.00 | 78.84 |
| | c. Water Harvesting Structure | | | | | | | | | |
| 1 | Form Ponds | Ha. | 32.00 | 7.58 | 12.00 | 2.48 | 8.00 | 2.52 | 52.00 | 12.58 |
| 2 | Check dams | Ha. | 42.00 | 7.62 | 18.00 | 2.04 | 7.00 | 1.98 | 67.00 | 11.64 |
| 3 | Nallah bunds | Ha. | | | | | | | | |
| 4 | Percolation tanks | Ha. | | | | | | | | |
| 5 | Ground water recharge structures | Ha. | | | | | | | | |
| | Sub Total | Ha. | **74.00** | **15.2** | **30.00** | **4.52** | **15.00** | **4.50** | **119.00** | **24.22** |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **c.Veg. & Engg. Structures** | | | | | | | | | |
| **1** | **Earthen checks** | **Ha.** | | | | | | | | |
| **2** | **Brushwood checks** | **Ha.** | | | | | | | | |
| **3** | **Gully plugs** | **Ha.** | | | | | | | | |
| **4** | **Loose boulders** | **Ha.** | | | | | | | | |
| **5** | **Gabion structures** | **Ha.** | | | | | | | | |
| **6** | **Others** | **Ha.** | | | | | | | | |
| | **Total** | **Ha.** | | | | | | | | |
| **Grand Total WDW** | | Ha. | **441.00** | **49.68** | **570.00** | **49.25** | **66.00** | **11.00** | **1077** | 109.93 |
| **Livilihood** | | | | | | | | | | |
| 2 | **Bee Keeping** | Nos. | | | | | | | | |
| 3 | **Poultry** | Nos. | - | - | 3 | .30 | - | - | 3 | 0.30 |
| 4 | **Fishries** | Nos. | | | | | | | | |
| 5 | **Bio-Fuel Plantation** | Nos. | | | | | | | | |
| 6 | **Others** | Nos. | | | | | | | | |
| a | **Goatry** | Nos. | 7 | .70 | 7 | .70 | - | - | 14 | 1.40 |
| b | **Dairy** | Nos. | 5 | .91 | 7 | 1.27 | 1 | .17 | 13 | 2.35 |
| c | **Candle making** | Nos. | | | | | | | | |
| d | **Sweet Packs** | Nos. | | | | | | | | |
| e | **Dona Pattal** | Nos. | | | | | | | | |
| f | **Sewing** | Nos. | 5 | .47 | 9 | .90 | 1 | .06 | 15 | 1.43 |
| g | **Tea stall/Genral Marchent** | Nos. | 4 | .80 | 4 | .80 | - | - | 8 | 1.60 |
| h | **Painting wark** | Nos. | | | | | | | | |
| i | **Carpentry** | Nos. | 2 | 0.24 | 3 | .34 | 2 | .28 | 6 | 0.86 |
| j | **Book seller** | Nos. | 1 | .20 | - | - | - | | 1 | 0.20 |
| k | **Welding(Gas/Electric)** | Nos. | | | | | | | | |
| | **Sub Total** | Nos. | **24** | **3.32** | **30** | **4.31** | **4** | **0.51** | **57** | 8.14 |
| | | | | | | | | | | |
| | **Production system** | | | | | | | | | |
| | **a.Crop Demostration** | Ha | 34 | 3.70 | 43 | 4.79 | 4 | .55 | 81 | 9.04 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Sub Total** | | **34** | **3.70** | **43** | **4.79** | **4** | **.55** | **81** | **9.04** |
| | **b. Micro-Enterprises** | Nos. | | | | | | | | |
| 1 | **Mini Dal Machine** | Nos. | | | | | | | | |
| 2 | **Speller** | Nos. | 3 | 1.20 | - | - | - | - | 3 | 1.20 |
| 3 | **Vermi Culture** | Nos. | 1 | .10 | 2 | .20 | 1 | 0.10 | 4 | 0.40 |
| 4 | **GM Shope** | Nos. | - | - | 2 | .42 | - | - | 2 | 0.42 |
| 5 | **Mini floor Machine** | Nos. | - | - | 3 | 1.20 | - | -- | 3 | 1.20 |
| 6 | **Dona Pattal** | Nos. | - | - | - | - | - | - | | |
| 7 | **Pumping set Repair** | Nos. | 4 | .30 | 2 | .12 | 4 | .24 | 10 | 0.66 |
| 8 | **Black Smithy** | Nos. | | | | | | | | |
| 9 | **Mobile Repair** | Nos. | | | | | | | | |
| 10 | **Bag making** | Nos. | | | | | | | | |
| | **Sub Total** | Nos. | 8 | **1.60** | **9** | **1.94** | **5** | **0.34** | **22** | 3.88 |
| | **Grand Total** | | **441.00** | **58.30** | **570.00** | **61.56** | **66.00** | **12.24** | **1077.00** | 130.99 |

**MWS CODE: 2B1G4b2a (Naubana)**

| **MWS Name with Code** | | **Naubna 2B1G4b2a** | **IWMP-II** | | | | | | **Block** | | **Total** | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **S.No.** | **Name of Activities** | **Name of GP** | **Naubna** | | **Urra** | | **Majhra** | | **Madhwapur** | | | |
| | | **Unit** | **Quat.** | **Cost** | **Quat.** | **Cost** | **Quat.** | **Cost** | **Quat.** | **Cost** | **Quat.** | **Cost** |
| | **1. Work Development** | | | | | | | | | | | |
| | **a. Land Development** | | | | | | | | | | | |
| **1** | **Afforestation** | **Ha.** | 47.00 | 3.76 | 33.50 | 2.68 | 32.00 | 2.56 | 1.00 | 0.08 | 113.50 | 9.08 |
| **2** | **Agriculture** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **3** | **Pasture** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **4** | **Harticulture** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Sub Total** | **Ha.** | 47.00 | 3.76 | 33.50 | 2.68 | 32.00 | 2.56 | 1.00 | 0.08 | 113.50 | 9.08 |
| | **b. Soil Moisture Conservation** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **1** | **Field Bunds** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2** | **Contour bunding** | **Ha.** | 61.00 | 3.26 | 12.00 | 0.57 | 102.00 | 5.98 | 0 | 0 | 175.00 | 9.81 |
| **3** | **Marginal Bunds** | **Ha.** | 188.00 | 14.96 | 154.00 | 10.73 | 114 | 9.25 | 9.00 | 0.37 | 465.00 | 35.31 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **4** | **Peripheral Bunds** | **Ha.** | 183.00 | 16.54 | 209.50 | 17.50 | 86.00 | 9.94 | 0 | 0 | **478.50** | **43.98** |
| **5** | **Others / Field Bunding** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | **0** | **0** |
| | **Sub Total** | **Ha.** | **432.00** | **34.76** | **375.50** | **28.80** | **302.00** | **25.17** | **9.00** | **0.37** | **1118.00** | **89.10** |
| | **c. Water Harvesting Structure** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **1** | **Form Ponds** | **Ha.** | 32.00 | 7.52 | 10.00 | 2.56 | 34.00 | 7.38 | 5.00 | 2.30 | 81.00 | 19.76 |
| **2** | **Check dams** | **Ha.** | 78.00 | 14.48 | 0 | 0 | 32.00 | 5.84 | 0 | 0 | 110.00 | 20.32 |
| **3** | **Nallah bunds** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **4** | **Percolation tanks** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **5** | **Ground water recharge structures** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Sub Total** | **Ha.** | **110.00** | **22.00** | **10.00** | **2.56** | **66.00** | **15.22** | **5.00** | **2.30** | **191.00** | **40.08** |
| | **c.Veg. & Engg. Structures** | **Ha.** | | | | | | | | | | |
| **1** | **Earthen checks** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2** | **Brushwood checks** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **3** | **Gully plugs** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **4** | **Loose boulders** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **5** | **Gabion structures** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **6** | **Others** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Total** | **Ha.** | | | | | | | | | | |
| **Grand Total WDW** | | | **589.00** | **60.62** | **419.00** | **34.04** | **400.00** | **40.95** | **15.00** | 2.75 | 1423.00 | 138.36 |
| **Livilihood** | | **No.** | | | | | | | | | | |
| 2 | **Bee Keeping** | **No.** | | | | | | | | | | |
| 3 | **Poultry** | **No.** | 3 | 0.30 | 3 | 0.30 | 3 | 0.30 | 0 | 0 | 9.00 | 0.90 |
| 4 | **Fishries** | **No.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | **Bio-Fuel Plantation** | **No.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | **Others** | **No.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| a | **Goatry** | **No.** | 6 | 0.60 | 5 | 0.50 | 4 | 0.40 | 0 | 0 | 15.00 | 1.50 |
| b | **Dairy** | **No.** | 7 | 1.40 | 7 | 1.36 | 9 | 1.68 | 0 | 0 | 23.0 | 4.44 |
| c | **Candle making** | **No.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| d | **Sweet Packs** | **No.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| e | **Dona Pattal** | **No.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| f | **Sewing** | **No.** | 9 | 0.90 | 4 | 0.35 | 4 | 0.34 | 0 | 0 | 17.00 | 1.59 |
| g | **Tea stall/Genral Marchent** | **No.** | 4 | 0.80 | 3 | 0.60 | 3 | 0.60 | 0 | 0 | 10.00 | 2.00 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| h | **Painting wark** | **No.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| i | **Carpentry/Pumpset Repairing** | **No.** | 4 | 0.32 | 1 | 0.06 | 0 | 0 | 2 | 0.08 | 7 | 0.46 |
| j | **Book seller** | **No.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| k | **Welding(Gas/Electric)** | **No.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Sub Total** | **No.** | **33** | **4.32** | **23.00** | **3.17** | **23.00** | **3.32** | **2** | **0.08** | **81.00** | **10.89** |
| | | | | | | | | | | | | |
| | **Production system** | | | | | | | | | | | |
| | **a.Crop Demostration** | Ha. | 46.50 | 4.95 | 32.00 | 3.52 | 31.00 | 3.36 | 0 | 0.12 | 109.50 | 11.95 |
| | **Sub Total** | | **46.50** | **4.95** | **32.00** | **3.52** | **31.00** | **3.36** | **0** | **0.12** | 109.50 | 11.95 |
| | **b. Micro-Enterprises** | | | | | | | | | | | |
| 1 | **Mini Dal Machine** | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | **Speller** | No. | 1 | 0.40 | 1 | 0.40 | 0 | 0 | 0 | 0 | 2 | 0.80 |
| 3 | **Vermi Culture** | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | **GM Shope** | No. | 1 | 0.21 | 4 | 0.76 | 3 | 0.72 | 0 | 0 | 8 | 1.69 |
| 5 | **Mini floor Machine** | No. | 3 | 1.20 | 0 | 0 | 1 | 0.40 | 0 | 0 | 4 | 1.60 |
| 6 | **Dona Pattal** | | | | | | | | | | | |
| 7 | **Pumping set Repair** | No. | 3 | 0.31 | 4 | 0.36 | 4 | 0.32 | 0 | 0 | 11 | 0.99 |
| 8 | **Black Smithy** | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | **Mobile Repair** | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | **Bag making** | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Sub Total** | | **8** | **2.12** | **9** | **1.52** | **8** | **1.44** | **0** | **0** | **25** | **5.08** |
| | **Grand Total** | | **589.00** | **71.91** | **419.00** | **42.25** | **400.00** | **49.07** | **15.00** | **2.95** | **1423.00** | **166.28** |

# MWS CODE: 2B1G4b1b

| MWS Name with Code | | Somai Gauri 2B1G4b1b | IWMP-II | | | | | | Block | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S.No. | Name of Activities | Name of GP | Somai Gauri | | Girgitti | | Jalim nagr | | Mangauria | | | |
| | | | Quat. | Cost | Quat. | Cost | Quat. | Cost | Quat. | Cost | Quat. | Cost |
| | 1. Work Development | Unit | | | | | | | | | | |
| | a. Land Development | | | | | | | | | | | |
| 1 | Afforestation | Ha. | 50.00 | 4.00 | 8.00 | 0.64 | 17.20 | 1.37 | 5.40 | 0.43 | 80.60 | 6.44 |
| 2 | Agriculture | Ha. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | Pasture | Ha. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | Harticulture | Ha. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Sub Total** | Ha. | **50.00** | **4.00** | **8.00** | **0.64** | **17.20** | **1.37** | **5.40** | **0.43** | **80.60** | **6.44** |
| | b. Soil Moisture Conservation | | | | | | | | | | | |
| 1 | Field Bunds | Ha. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | Contour bunding | Ha. | 175.00 | 8.15 | 21.00. | 1.26 | 38.00 | 2.12 | 7.00 | 0.48. | 241.00 | 12.01 |
| 3 | Marginal Bunds | Ha. | 143.00 | 9.82 | 30.00 | 3.05 | 24.00 | 1.49 | 4.00 | .31 | 201.00 | 14.67 |
| 4 | Peripheral Bunds | Ha. | 184.00 | 26.76 | 29.00 | 5.90 | 85.80 | 9.25 | 36.60 | 3.56 | 335.40 | 45.47 |
| 5 | Others / Field Bunding | Ha. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Sub Total** | Ha. | **552.00** | **44.73** | **80.00** | **10.21** | **147.80** | **12.86** | **47.60** | **4.35** | **777.40** | **72.15** |
| | c. Water Harvesting Structure | Ha. | | | | | | | | | | |
| 1 | Form Ponds | Ha. | 30.00 | 5.10 | 0 | 0 | 12.00 | 2.50 | 0 | 00 | 42.00 | 7.60 |
| 2 | Check dams | Ha. | 35.00 | 5.71 | 12.00 | 0.92 | 38.00 | 5.68 | 15.00 | 1.94 | 100.0 | 14.25 |
| 3 | Nallah bunds | Ha. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | Percolation tanks | Ha. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | Ground water recharge structures | Ha. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Sub Total** | **Ha.** | **65.00** | **10.81** | **12.00** | **0.92** | **50.00** | **8.18** | **15.00** | **1.94** | **142.00** | **21.85** |
| | **c.Veg. & Engg. Structures** | | | | | | | | | | | |
| **1** | **Earthen checks** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **2** | **Brushwood checks** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **3** | **Gully plugs** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **4** | **Loose boulders** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **5** | **Gabion structures** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **6** | **Others** | **Ha.** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Total** | **Ha.** | | | | | | | | | | |
| **Grand Total WDW** | | | **617.00** | **59.54** | **100.00** | **11.77** | **215.00** | **22.41** | **68.00** | **672.00** | **1000.00** | **100.44** |
| **Livilihood** | | | | | | | | | | | | |
| 2 | **Bee Keeping** | | | | | | | | | | | |
| 3 | **Poultry** | No. | 3 | 0.30 | 0 | 0 | 0 | 0 | 0 | 0 | 3.00 | 0.30 |
| 4 | **Fishries** | No. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | **Bio-Fuel Plantation** | No. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | **Others** | No. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| a | **Goatry** | No. | 8 | 0.80 | 0 | 0 | 3 | 0.50 | 0 | 0 | 11.00 | 1.30 |
| b | **Dairy** | No. | 6 | 1.20 | 2 | 0.42 | 2 | .34 | 1 | 0.17 | 11.00 | 2.13 |
| c | **Candle making** | No. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| d | **Sweet Packs** | No. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| e | **Dona Pattal** | No. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| f | **Sewing** | No. | 13 | 1.22 | 2 | 0.13 | 2 | 0.18 | 1 | 0.06 | 18.00 | 1.59 |
| g | **Tea stall/Genral Marchent** | No. | 4 | 0.80 | 1 | 0.20 | 3 | 0.60 | 0 | 0 | 8.00 | 1.60 |
| h | **Painting wark** | No. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| i | **Carpentry/Pumpset Repairing** | No. | 2 | 0.15 | 0 | 0 | 0 | 0 | 4 | 0.28 | 6.00 | 0.43 |
| j | **Book seller** | No. | 1 | 0.20 | 0 | 0 | 0 | 0 | 0 | 0 | 1.00 | 020 |
| k | **Welding(Gas/Electric)** | No. | | | | | | | | | | |
| | **Sub Total** | | **37.00** | **4.67** | **5.00** | **0.75** | **10** | **1.62** | **6.00** | **0.51** | **58.00** | **7.55** |
| | | | | | | | | | | | | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Production system** | | | | | | | | | | | |
| | **a.Crop Demostration** | Ha. | 48.00 | 5.18 | 7.5 | 0.84 | 16.0 | 1.81 | 4.00 | 0.57 | 75.50 | 8.40 |
| | **Sub Total** | | **48.00** | **5.18** | **7.5** | **0.84** | **16.0** | **1.81** | **4.00** | **0.57** | 75.50 | 8.40 |
| | **b. Micro-Enterprises** | | | | | | | | | | | |
| 1 | **Mini Dal Machine** | | | | | | | | | | | |
| 2 | **Expeller** | No. | 1 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 1.00 | 0.40 |
| 3 | **Vermi Culture** | No. | 4 | 0.40 | 0 | 0 | 0 | 0 | 1 | 0.10 | 5.00 | 0.50 |
| 4 | **GM Shope** | No. | 3 | 0.62 | 0 | 0 | 3 | 0.60 | 0 | 0 | 6.00 | 1.22 |
| 5 | **Mini floor Machine** | No. | 1 | 0.40 | 0 | 0 | 0 | 0 | 0 | 0 | 1.00 | 0.40 |
| 6 | **Dona Pattal** | | | | | | | | | | | |
| 7 | **Pumping set Repair** | No. | 5 | 0.41 | 5 | 0.36 | 2 | 0.17 | 2 | 0.14 | 14.00 | 1.10 |
| 8 | **Black Smithy** | No. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | **Mobile Repair** | No. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | **Bag making** | No. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **Sub Total** | | **14** | **2.23** | **5** | **0.36** | **5** | **0.77** | **3** | **0.24** | **27.00** | **3.62** |
| | **Grand Total** | Ha. | **617.00** | **71.72** | **100.00** | **13.72** | **215.00** | **26.61** | **68.00** | **8.04** | **1000.00** | **120.09** |

# ESTIMATE OF WORK COMPONENT GRAM PANCHAYAT- SUMAI GAURHI

## MARGINAL BUNDS

| | | | | | | | | | | | | | | | SODING CHARGES | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WORK | LONGITUDE | LATITUDE | C. VILL. | G.P. NAME | LENGTH | BASE | TOP | HIGHT | CS | EW | RATE | MD | L. CHARGES | T. COST | Sqr. Mtr. | RATE | S. AMOUNT | T. AMOUNT |
| MB 04 | 81˚15' 48.306" E | 27˚57' 24.091" N | Sumai Gaurhi | Sumai Gaurhi | 369 | 3.6 | 0.6 | 1 | 2.10 | 774.90 | 32.57 | 281 | 100 | 25238.49 | 1313.64 | 2.2 | 2890.01 | 28128.50 |
| MB 05 | 81˚15' 14.395" E | 27˚58' 48.411" N | Sumai Gaurhi | Sumai Gaurhi | 155 | 3.6 | 0.6 | 1 | 2.10 | 325.50 | 32.57 | 118 | 100 | 10601.54 | 551.80 | 2.2 | 1213.96 | 11815.50 |
| MB 07 | 81˚ 15' 9.741" E | 27˚58' 45.010" N | Sumai Gaurhi | Sumai Gaurhi | 528 | 3.6 | 0.6 | 1 | 2.10 | 1108.80 | 32.57 | 402 | 100 | 36113.62 | 1879.68 | 2.2 | 4135.30 | 40248.91 |
| MB 32 | 81˚15' 52.725" E | 27˚58' 40.341" N | Sumai Gaurhi | Sumai Gaurhi | 240 | 3.6 | 0.6 | 1 | 2.10 | 504.00 | 32.57 | 183 | 100 | 16415.28 | 854.40 | 2.2 | 1879.68 | 18294.96 |
| MB 33 | 81˚15' 40.621" E | 27˚58' 33.819" N | Sumai Gaurhi | Sumai Gaurhi | 225 | 3.6 | 0.6 | 1 | 2.10 | 472.50 | 32.57 | 172 | 100 | 15389.33 | 801.00 | 2.2 | 1762.20 | 17151.53 |
| MB 34 | 81˚15' 32.507" E | 27˚58' 29.538" N | Sumai Gaurhi | Sumai Gaurhi | 422 | 3.6 | 0.6 | 1 | 2.10 | 886.20 | 32.57 | 322 | 100 | 28863.53 | 1502.32 | 2.2 | 3305.10 | 32168.64 |
| MB 36 | 81˚15' 48.447" E | 27˚58' 21.793" N | Sumai Gaurhi | Sumai Gaurhi | 733 | 3.6 | 0.6 | 1 | 2.10 | 1539.30 | 32.57 | 559 | 100 | 50135.00 | 2609.48 | 2.2 | 5740.86 | 55875.86 |
| MB 37 | 81˚15' 37.681" E | 27˚58' 12.843" N | Sumai Gaurhi | Sumai Gaurhi | 619 | 3.6 | 0.6 | 1 | 2.10 | 1299.90 | 32.57 | 472 | 100 | 42337.74 | 2203.64 | 2.2 | 4848.01 | 47185.75 |
| MB 38 | 81˚15' 32.471" E | 27˚58' 23.665" N | Sumai Gaurhi | Sumai Gaurhi | 230 | 3.6 | 0.6 | 1 | 2.10 | 483.00 | 32.57 | 175 | 100 | 15731.31 | 818.80 | 2.2 | 1801.36 | 17532.67 |
| MB 39 | 81˚15' 23.380" E | 27˚58' 22.378" N | Sumai Gaurhi | Sumai Gaurhi | 184 | 3.6 | 0.6 | 1 | 2.10 | 386.40 | 32.57 | 140 | 100 | 12585.05 | 655.04 | 2.2 | 1441.09 | 14026.14 |
| MB 40 | 81˚15' 17.949" E | 27˚58' 27.060" N | Sumai Gaurhi | Sumai Gaurhi | 271 | 3.6 | 0.6 | 1 | 2.10 | 569.10 | 32.57 | 207 | 100 | 18535.59 | 964.76 | 2.2 | 2122.47 | 20658.06 |
| MB 41 | 81˚15' 21.763" E | 27˚58' 14.145" N | Sumai Gaurhi | Sumai Gaurhi | 175 | 3.6 | 0.6 | 1 | 2.10 | 367.50 | 32.57 | 133 | 100 | 11969.48 | 623.00 | 2.2 | 1370.60 | 13340.08 |
| MB 42 | 81˚15' 14.432" E | 27˚ 58' 7.165" N | Sumai Gaurhi | Sumai Gaurhi | 143 | 3.6 | 0.6 | 1 | 2.10 | 300.30 | 32.57 | 109 | 100 | 9780.77 | 509.08 | 2.2 | 1119.98 | 10900.75 |
| MB 43 | 81˚15' 32.788" E | 27˚ 58' 2.545" N | Sumai Gaurhi | Sumai Gaurhi | 162 | 3.6 | 0.6 | 1 | 2.10 | 340.20 | 32.57 | 123 | 100 | 11080.31 | 576.72 | 2.2 | 1268.78 | 12349.10 |
| MB 44 | 81˚15' 42.399" E | 27˚ 58' 1.216" N | Sumai Gaurhi | Sumai Gaurhi | 326 | 3.6 | 0.6 | 1 | 2.10 | 684.60 | 32.57 | 249 | 100 | 22297.42 | 1160.56 | 2.2 | 2553.23 | 24850.65 |
| MB 45 | 81˚15' 30.396" E | 27˚57' 59.505" N | Sumai Gaurhi | Sumai Gaurhi | 196 | 3.6 | 0.6 | 1 | 2.10 | 411.60 | 32.57 | 149 | 100 | 13405.81 | 697.76 | 2.2 | 1535.07 | 14940.88 |
| MB 46 | 81˚15' 51.717" E | 27˚ 58' 5.444" N | Sumai Gaurhi | Sumai Gaurhi | 319 | 3.6 | 0.6 | 1 | 2.10 | 669.90 | 32.57 | 243 | 100 | 21818.64 | 1135.64 | 2.2 | 2498.41 | 24317.05 |
| MB 47 | 81˚ 16' 4.815" E | 27˚58' 13.410" N | Sumai Gaurhi | Sumai Gaurhi | 324 | 3.6 | 0.6 | 1 | 2.10 | 680.40 | 32.57 | 247 | 100 | 22160.63 | 1153.44 | 2.2 | 2537.57 | 24698.20 |
| MB 49 | 81˚ 16' 4.173" E | 27˚57' 31.741" N | Sumai Gaurhi | Sumai Gaurhi | 217 | 3.6 | 0.6 | 1 | 2.10 | 455.70 | 32.57 | 165 | 100 | 14842.15 | 772.52 | 2.2 | 1699.54 | 16541.69 |
| MB 51 | 81˚16' 10.220" E | 27˚57' 51.879" N | Sumai Gaurhi | Sumai Gaurhi | 281 | 3.6 | 0.6 | 1 | 2.10 | 590.10 | 32.57 | 214 | 100 | 19219.56 | 1000.36 | 2.2 | 2200.79 | 21420.35 |
| MB 52 | 81˚16' 21.367" E | 27˚57' 56.994" N | Sumai Gaurhi | Sumai Gaurhi | 299 | 3.6 | 0.6 | 1 | 2.10 | 627.90 | 32.57 | 228 | 100 | 20450.70 | 1064.44 | 2.2 | 2341.77 | 22792.47 |
| MB 53 | 81˚16' 15.306" E | 27˚57' 49.948" N | Sumai Gaurhi | Sumai Gaurhi | 411 | 3.6 | 0.6 | 1 | 2.10 | 863.10 | 32.57 | 313 | 100 | 28111.17 | 1463.16 | 2.2 | 3218.95 | 31330.12 |
| MB 55 | 81˚16' 25.077" E | 27˚57' 23.070" N | Sumai Gaurhi | Sumai Gaurhi | 295 | 3.6 | 0.6 | 1 | 2.10 | 619.50 | 32.57 | 225 | 100 | 20177.12 | 1050.20 | 2.2 | 2310.44 | 22487.56 |
| MB 56 | 81˚ 16' 7.682" E | 27˚ 57' 8.753" N | Sumai Gaurhi | Sumai Gaurhi | 395 | 3.6 | 0.6 | 1 | 2.10 | 829.50 | 32.57 | 301 | 100 | 27016.82 | 1406.20 | 2.2 | 3093.64 | 30110.46 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB 57 | 81˚16' 19.848" E | 27˚ 57' 6.538" N | Bakhtawar Gaurhi | Sumai Gaurhi | 496 | 3.6 | 0.6 | 1 | 2.10 | 1041.60 | 32.57 | 378 | 100 | 33924.91 | 1765.76 | 2.2 | 3884.67 | 37809.58 |
| MB 58 | 81˚16' 27.383" E | 27˚56' 56.456" N | Bakhtawar Gaurhi | Sumai Gaurhi | 221 | 3.6 | 0.6 | 1 | 2.10 | 464.10 | 32.57 | 168 | 100 | 15115.74 | 786.76 | 2.2 | 1730.87 | 16846.61 |
| MB 59 | 81˚16' 46.563" E | 27˚56' 48.803" N | Bakhtawar Gaurhi | Sumai Gaurhi | 1345 | 3.6 | 0.6 | 1 | 2.10 | 2824.50 | 32.57 | 1025 | 100 | 91993.97 | 4788.20 | 2.2 | 10534.04 | 102528.01 |
| MB 60 | 81˚16' 46.425" E | 27˚ 57' 1.495" N | Bakhtawar Gaurhi | Sumai Gaurhi | 587 | 3.6 | 0.6 | 1 | 2.10 | 1232.70 | 32.57 | 447 | 100 | 40149.04 | 2089.72 | 2.2 | 4597.38 | 44746.42 |
| MB 61 | 81˚16' 50.542" E | 27˚ 57' 7.645" N | Bakhtawar Gaurhi | Sumai Gaurhi | 359 | 3.6 | 0.6 | 1 | 2.10 | 753.90 | 32.57 | 274 | 100 | 24554.52 | 1278.04 | 2.2 | 2811.69 | 27366.21 |
| MB 62 | 81˚ 17' 6.763" E | 27˚56' 56.874" N | Bakhtawar Gaurhi | Sumai Gaurhi | 909 | 3.6 | 0.6 | 1 | 2.10 | 1908.90 | 32.57 | 693 | 100 | 62172.87 | 3236.04 | 2.2 | 7119.29 | 69292.16 |
| MB 63 | 81˚17' 11.511" E | 27˚56' 29.874" N | Bakhtawar Gaurhi | Sumai Gaurhi | 663 | 3.6 | 0.6 | 1 | 2.10 | 1392.30 | 32.57 | 505 | 100 | 45347.21 | 2360.28 | 2.2 | 5192.62 | 50539.83 |
| MB 64 | 81˚17' 20.432" E | 27˚56' 27.658" N | Bakhtawar Gaurhi | Sumai Gaurhi | 308 | 3.6 | 0.6 | 1 | 2.10 | 646.80 | 32.57 | 235 | 100 | 21066.28 | 1096.48 | 2.2 | 2412.26 | 23478.53 |
| MB 67 | 81˚15' 55.622" E | 27˚58' 22.249" N | Sumai Gaurhi | Sumai Gaurhi | 479 | 3.6 | 0.6 | 1 | 2.10 | 1005.90 | 32.57 | 365 | 100 | 32762.16 | 1705.24 | 2.2 | 3751.53 | 36513.69 |
| | | | | | **12886** | | | | | **27060.60** | | **9823** | | **881363.74** | **45874.16** | | **100923.15** | **982286.89** |

## PERIPHERAL BUNDS

| | | | | | | | | | | | | | | | SODING CHARGES | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WORK | LONGITUDE | LATITUDE | C. VILL. | G.P. NAME | LENGTH | BASE | TOP | HIGHT | CS | EW | RATE | MD | L. CHARGES | T. COST | Sqr. Mtr. | RATE | S. AMOUNT | T. AMOUNT |
| PFB 05 | 81˚15' 19.071" E | 27˚58' 25.828" N | | Sumai Gaurhi | 269 | 4.75 | 1 | 1.25 | 3.59 | 966.72 | 32.57 | 339 | 100 | 31486.03 | 1086.76 | 2.2 | 2390.87 | 33876.90 |
| PFB 11 | 81˚15' 41.666" E | 27˚58' 39.332" N | Sumai Gaurhi | Sumai Gaurhi | 821 | 4.75 | 1 | 1.25 | 3.59 | 2950.47 | 32.57 | 1034 | 100 | 96096.77 | 3316.84 | 2.2 | 7297.05 | 103393.82 |
| PFB 12 | 81˚15' 40.136" E | 27˚58' 40.208" N | Sumai Gaurhi | Sumai Gaurhi | 856 | 4.75 | 1 | 1.25 | 3.59 | 3076.25 | 32.57 | 1078 | 100 | 100193.46 | 3458.24 | 2.2 | 7608.13 | 107801.59 |
| PFB 13 | 81˚ 16' 1.652" E | 27˚58' 29.379" N | Sumai Gaurhi | Sumai Gaurhi | 827 | 4.75 | 1 | 1.25 | 3.59 | 2972.03 | 32.57 | 1041 | 100 | 96799.06 | 3341.08 | 2.2 | 7350.38 | 104149.43 |
| PFB 14 | 81˚16' 13.219" E | 27˚58' 13.144" N | Sumai Gaurhi | Sumai Gaurhi | 462 | 4.75 | 1 | 1.25 | 3.59 | 1660.31 | 32.57 | 582 | 100 | 54076.38 | 1866.48 | 2.2 | 4106.26 | 58182.63 |
| PFB 15 | 81˚16' 13.646" E | 27˚58' 11.979" N | Sumai Gaurhi | Sumai Gaurhi | 581 | 4.75 | 1 | 1.25 | 3.59 | 2087.97 | 32.57 | 732 | 100 | 68005.14 | 2347.24 | 2.2 | 5163.93 | 73169.07 |
| PFB 16 | 81˚15' 59.417" E | 27˚58' 28.259" N | Sumai Gaurhi | Sumai Gaurhi | 830 | 4.75 | 1 | 1.25 | 3.59 | 2982.81 | 32.57 | 1045 | 100 | 97150.20 | 3353.20 | 2.2 | 7377.04 | 104527.24 |
| PFB 26 | 81˚ 17' 4.518" E | 27˚56' 29.306" N | Bakhtawar Gaurhi | Sumai Gaurhi | 744 | 4.75 | 1 | 1.25 | 3.59 | 2673.75 | 32.57 | 937 | 100 | 87084.04 | 3005.76 | 2.2 | 6612.67 | 93696.71 |
| PFB 27 | 81˚16' 36.563" E | 27˚ 57' 2.533" N | Bakhtawar Gaurhi | Sumai Gaurhi | 1237 | 4.75 | 1 | 1.25 | 3.59 | 4445.47 | 32.57 | 1558 | 100 | 144788.92 | 4997.48 | 2.2 | 10994.46 | 155783.37 |
| PFB 28 | 81˚16' 42.889" E | 27˚56' 58.999" N | Bakhtawar Gaurhi | Sumai Gaurhi | 1175 | 4.75 | 1 | 1.25 | 3.59 | 4222.66 | 32.57 | 1480 | 100 | 137531.91 | 4747.00 | 2.2 | 10443.40 | 147975.31 |
| PFB 29 | 81˚16' 59.067" E | 27˚56' 35.571" N | Bakhtawar Gaurhi | Sumai Gaurhi | 714 | 4.75 | 1 | 1.25 | 3.59 | 2565.94 | 32.57 | 899 | 100 | 83572.58 | 2884.56 | 2.2 | 6346.03 | 89918.62 |
| PFB 30 | 81˚16' 57.478" E | 27˚56' 49.420" N | Bakhtawar Gaurhi | Sumai Gaurhi | 379 | 4.75 | 1 | 1.25 | 3.59 | 1362.03 | 32.57 | 477 | 100 | 44361.36 | 1531.16 | 2.2 | 3368.55 | 47729.91 |
| PFB 31 | 81˚16' 57.720" E | 27˚56' 50.560" N | Bakhtawar Gaurhi | Sumai Gaurhi | 430 | 4.75 | 1 | 1.25 | 3.59 | 1545.31 | 32.57 | 542 | 100 | 50330.83 | 1737.20 | 2.2 | 3821.84 | 54152.67 |
| PFB 32 | 81˚15' 26.346" E | 27˚ 58' 7.638" N | Sumai Gaurhi | Sumai Gaurhi | 1636 | 4.75 | 1 | 1.25 | 3.59 | 5879.38 | 32.57 | 2060 | 100 | 191491.24 | 6609.44 | 2.2 | 14540.77 | 206032.01 |
| PFB 33 | 81˚15' 39.551" E | 27˚ 58' 6.530" N | Sumai Gaurhi | Sumai Gaurhi | 2350 | 4.75 | 1 | 1.25 | 3.59 | 8445.31 | 32.57 | 2960 | 100 | 275063.83 | 9494.00 | 2.2 | 20886.80 | 295950.63 |
| PFB 34 | 81˚15' 27.591" E | 27˚58' 20.642" N | Sumai Gaurhi | Sumai Gaurhi | 466 | 4.75 | 1 | 1.25 | 3.59 | 1674.69 | 32.57 | 587 | 100 | 54544.57 | 1882.64 | 2.2 | 4141.81 | 58686.38 |
| PFB 35 | 81˚15' 20.553" E | 27˚58' 32.027" N | Sumai Gaurhi | Sumai Gaurhi | 458 | 4.75 | 1 | 1.25 | 3.59 | 1645.94 | 32.57 | 577 | 100 | 53608.18 | 1850.32 | 2.2 | 4070.70 | 57678.89 |
| PFB 36 | 81˚15' 46.915" E | 27˚57' 37.416" N | Sumai Gaurhi | Sumai Gaurhi | 777 | 4.75 | 1 | 1.25 | 3.59 | 2792.34 | 32.57 | 979 | 100 | 90946.64 | 3139.08 | 2.2 | 6905.98 | 97852.61 |
| PFB 37 | 81˚15' 51.903" E | 27˚57' 33.522" N | Sumai Gaurhi | Sumai Gaurhi | 862 | 4.75 | 1 | 1.25 | 3.59 | 3097.81 | 32.57 | 1086 | 100 | 100895.75 | 3482.48 | 2.2 | 7661.46 | 108557.21 |
| PFB 38 | 81˚15' 32.361" E | 27˚57' 35.843" N | Sumai Gaurhi | Sumai Gaurhi | 607 | 4.75 | 1 | 1.25 | 3.59 | 2181.41 | 32.57 | 764 | 100 | 71048.40 | 2452.28 | 2.2 | 5395.02 | 76443.42 |
| PFB 39 | 81˚15' 25.658" E | 27˚57' 46.239" N | Sumai Gaurhi | Sumai Gaurhi | 1189 | 4.75 | 1 | 1.25 | 3.59 | 4272.97 | 32.57 | 1497 | 100 | 139170.59 | 4803.56 | 2.2 | 10567.83 | 149738.42 |
| PFB 45 | 81˚15' 12.211" E | 27˚58' 54.731" N | Sumai Gaurhi | Sumai Gaurhi | 1043 | 4.75 | 1 | 1.25 | 3.59 | 3748.28 | 32.57 | 1314 | 100 | 122081.52 | 4213.72 | 2.2 | 9270.18 | 131351.70 |
| PFB 46 | 81˚15' 23.177" E | 27˚58' 50.067" N | Sumai Gaurhi | Sumai Gaurhi | 1041 | 4.75 | 1 | 1.25 | 3.59 | 3741.09 | 32.57 | 1311 | 100 | 121847.42 | 4205.64 | 2.2 | 9252.41 | 131099.83 |
| PFB 50 | 81˚15' 39.428" E | 27˚58' 38.879" N | Sumai Gaurhi | Sumai Gaurhi | 112 | 4.75 | 1 | 1.25 | 3.59 | 402.50 | 32.57 | 141 | 100 | 13109.43 | 452.48 | 2.2 | 995.46 | 14104.88 |
| PFB 51 | 81˚15' | 27˚58' 29.281" | Sumai Gaurhi | Sumai | 358 | 4.75 | 1 | 1.25 | 3.59 | 1286.56 | 32.57 | 451 | 100 | 41903.34 | 1446.32 | 2.2 | 3181.90 | 45085.24 |

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| | 41.976" E | N | | Gaurhi | | | | | | | | | | | | | | |
| PFB 52 | 81˚15' 44.722" E | 27˚58' 31.464" N | Sumai Gaurhi | Sumai Gaurhi | 388 | 4.75 | 1 | 1.25 | 3.59 | 1394.38 | 32.57 | 489 | 100 | 45414.79 | 1567.52 | 2.2 | 3448.54 | 48863.34 |
| PFB 53 | 81˚15' 57.034" E | 27˚58' 37.374" N | Sumai Gaurhi | Sumai Gaurhi | 414 | 4.75 | 1 | 1.25 | 3.59 | 1487.81 | 32.57 | 521 | 100 | 48458.05 | 1672.56 | 2.2 | 3679.63 | 52137.69 |
| PFB 54 | 81˚15' 57.789" E | 27˚58' 27.923" N | Sumai Gaurhi | Sumai Gaurhi | 23 | 4.75 | 1 | 1.25 | 3.59 | 82.66 | 32.57 | 29 | 100 | 2692.11 | 92.92 | 2.2 | 204.42 | 2896.54 |
| PFB 55 | 81˚ 16' 4.869" E | 27˚58' 25.128" N | Sumai Gaurhi | Sumai Gaurhi | 21 | 4.75 | 1 | 1.25 | 3.59 | 75.47 | 32.57 | 26 | 100 | 2458.02 | 84.84 | 2.2 | 186.65 | 2644.67 |
| PFB 56 | 81˚16' 11.473" E | 27˚58' 19.724" N | Jalim Nagar | Sumai Gaurhi | 163 | 4.75 | 1 | 1.25 | 3.59 | 585.78 | 32.57 | 205 | 100 | 19078.90 | 658.52 | 2.2 | 1448.74 | 20527.64 |
| PFB 57 | 81˚16' 10.497" E | 27˚58' 13.459" N | Sumai Gaurhi | Sumai Gaurhi | 22 | 4.75 | 1 | 1.25 | 3.59 | 79.06 | 32.57 | 28 | 100 | 2575.07 | 88.88 | 2.2 | 195.54 | 2770.60 |
| | | | | | **21255** | | | | | **76385.16** | | **26768** | | **2487864.54** | **85870.20** | | **188914.44** | **2676778.98** |

## CONTOUR BUNDS

| WORK | LONGITUDE | LATITUDE | C. VILL. | G.P. NAME | LENGTH | BASE | TOP | HIGHT | CS | EW | RATE | MD | L. CHARGES | T. COST |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CB 100 | 81˚15' 41.498" E | 27˚57' 38.052" N | Sumai Gaurhi | Sumai Gaurhi | 179 | 2.25 | 0.45 | 0.6 | 0.81 | 144.99 | 32.57 | 47 | 100 | 4722.32 |
| CB 101 | 81˚15' 54.091" E | 27˚57' 26.246" N | Sumai Gaurhi | Sumai Gaurhi | 210 | 2.25 | 0.45 | 0.6 | 0.81 | 170.10 | 32.57 | 55 | 100 | 5540.16 |
| CB 102 | 81˚15' 52.941" E | 27˚57' 19.315" N | Sumai Gaurhi | Sumai Gaurhi | 146 | 2.25 | 0.45 | 0.6 | 0.81 | 118.26 | 32.57 | 39 | 100 | 3851.73 |
| CB 103 | 81˚ 16' 0.624" E | 27˚57' 38.704" N | Sumai Gaurhi | Sumai Gaurhi | 96 | 2.25 | 0.45 | 0.6 | 0.81 | 77.76 | 32.57 | 25 | 100 | 2532.64 |
| CB 104 | 81˚16' 12.569" E | 27˚57' 42.008" N | Sumai Gaurhi | Sumai Gaurhi | 249 | 2.25 | 0.45 | 0.6 | 0.81 | 201.69 | 32.57 | 66 | 100 | 6569.04 |
| CB 105 | 81˚16' 20.005" E | 27˚57' 48.996" N | Sumai Gaurhi | Sumai Gaurhi | 265 | 2.25 | 0.45 | 0.6 | 0.81 | 214.65 | 32.57 | 70 | 100 | 6991.15 |
| CB 106 | 81˚15' 48.213" E | 27˚57' 56.553" N | Sumai Gaurhi | Sumai Gaurhi | 341 | 2.25 | 0.45 | 0.6 | 0.81 | 276.21 | 32.57 | 90 | 100 | 8996.16 |
| CB 107 | 81˚15' 56.350" E | 27˚57' 57.126" N | Sumai Gaurhi | Sumai Gaurhi | 177 | 2.25 | 0.45 | 0.6 | 0.81 | 143.37 | 32.57 | 47 | 100 | 4669.56 |
| CB 108 | 81˚15' 56.835" E | 27˚57' 15.423" N | Sumai Gaurhi | Sumai Gaurhi | 403 | 2.25 | 0.45 | 0.6 | 0.81 | 326.43 | 32.57 | 106 | 100 | 10631.83 |
| CB 109 | 81˚ 16' 2.950" E | 27˚57' 10.715" N | Sumai Gaurhi | Sumai Gaurhi | 231 | 2.25 | 0.45 | 0.6 | 0.81 | 187.11 | 32.57 | 61 | 100 | 6094.17 |
| CB 110 | 81˚16' 14.736" E | 27˚ 57' 5.368" N | Sumai Gaurhi | Sumai Gaurhi | 191 | 2.25 | 0.45 | 0.6 | 0.81 | 154.71 | 32.57 | 50 | 100 | 5038.90 |
| CB 111 | 81˚16' 32.179" E | 27˚57' 14.697" N | Bakhtawar Gaurhi | Sumai Gaurhi | 139 | 2.25 | 0.45 | 0.6 | 0.81 | 112.59 | 32.57 | 37 | 100 | 3667.06 |
| CB 130 | 81˚16' 17.995" E | 27˚ 58' 5.991" N | Sumai Gaurhi | Sumai Gaurhi | 197 | 2.25 | 0.45 | 0.6 | 0.81 | 159.57 | 32.57 | 52 | 100 | 5197.19 |
| CB 131 | 81˚ 16' 4.068" E | 27˚58' 10.720" N | Sumai Gaurhi | Sumai Gaurhi | 86 | 2.25 | 0.45 | 0.6 | 0.81 | 69.66 | 32.57 | 23 | 100 | 2268.83 |
| CB 132 | 81˚16' 10.338" E | 27˚ 58' 8.602" N | Sumai Gaurhi | Sumai Gaurhi | 127 | 2.25 | 0.45 | 0.6 | 0.81 | 102.87 | 32.57 | 34 | 100 | 3350.48 |
| CB 133 | 81˚15' 55.490" E | 27˚ 58' 8.646" N | Sumai Gaurhi | Sumai Gaurhi | 152 | 2.25 | 0.45 | 0.6 | 0.81 | 123.12 | 32.57 | 40 | 100 | 4010.02 |
| CB 134 | 81˚16' 12.826" E | 27˚58' 17.062" N | Sumai Gaurhi | Sumai Gaurhi | 197 | 2.25 | 0.45 | 0.6 | 0.81 | 159.57 | 32.57 | 52 | 100 | 5197.19 |
| CB 142 | 81˚ 15' 8.618" E | 27˚ 58' 7.354" N | Sumai Gaurhi | Sumai Gaurhi | 170 | 2.25 | 0.45 | 0.6 | 0.81 | 137.70 | 32.57 | 45 | 100 | 4484.89 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CB 144 | 81˚15' 18.131" E | 27˚57' 55.774" N | Sumai Gaurhi | Sumai Gaurhi | 86 | 2.25 | 0.45 | 0.6 | 0.81 | 69.66 | 32.57 | 23 | 100 | 2268.83 |
| CB 145 | 81˚15' 27.801" E | 27˚57' 54.111" N | Sumai Gaurhi | Sumai Gaurhi | 165 | 2.25 | 0.45 | 0.6 | 0.81 | 133.65 | 32.57 | 44 | 100 | 4352.98 |
| CB 151 | 81˚16' 18.762" E | 27˚57' 15.855" N | Sumai Gaurhi | Sumai Gaurhi | 264 | 2.25 | 0.45 | 0.6 | 0.81 | 213.84 | 32.57 | 70 | 100 | 6964.77 |
| CB 152 | 81˚ 16' 7.376" E | 27˚57' 21.674" N | Sumai Gaurhi | Sumai Gaurhi | 215 | 2.25 | 0.45 | 0.6 | 0.81 | 174.15 | 32.57 | 57 | 100 | 5672.07 |
| CB 161 | 81˚15' 43.144" E | 27˚58' 12.226" N | Sumai Gaurhi | Sumai Gaurhi | 69 | 2.25 | 0.45 | 0.6 | 0.81 | 55.89 | 32.57 | 18 | 100 | 1820.34 |
| CB 188 | 81˚15' 34.754" E | 27˚58' 35.409" N | Sumai Gaurhi | Sumai Gaurhi | 261 | 2.25 | 0.45 | 0.6 | 0.81 | 211.41 | 32.57 | 69 | 100 | 6885.62 |
| CB 191 | 81˚15' 17.064" E | 27˚58' 56.933" N | Sumai Gaurhi | Sumai Gaurhi | 201 | 2.25 | 0.45 | 0.6 | 0.81 | 162.81 | 32.57 | 53 | 100 | 5302.72 |
| CB 192 | 81˚15' 22.498" E | 27˚58' 53.714" N | Sumai Gaurhi | Sumai Gaurhi | 159 | 2.25 | 0.45 | 0.6 | 0.81 | 128.79 | 32.57 | 42 | 100 | 4194.69 |
| CB 193 | 81˚15' 18.430" E | 27˚58' 34.419" N | Sumai Gaurhi | Sumai Gaurhi | 114 | 2.25 | 0.45 | 0.6 | 0.81 | 92.34 | 32.57 | 30 | 100 | 3007.51 |
| CB 194 | 81˚15' 14.268" E | 27˚58' 31.470" N | Sumai Gaurhi | Sumai Gaurhi | 172 | 2.25 | 0.45 | 0.6 | 0.81 | 139.32 | 32.57 | 45 | 100 | 4537.65 |
| CB 195 | 81˚15' 10.398" E | 27˚58' 32.763" N | Sumai Gaurhi | Sumai Gaurhi | 156 | 2.25 | 0.45 | 0.6 | 0.81 | 126.36 | 32.57 | 41 | 100 | 4115.55 |
| CB 196 | 81˚ 15' 5.250" E | 27˚58' 19.608" N | Sumai Gaurhi | Sumai Gaurhi | 119 | 2.25 | 0.45 | 0.6 | 0.81 | 96.39 | 32.57 | 31 | 100 | 3139.42 |
| CB 197 | 81˚15' 14.096" E | 27˚58' 16.068" N | Sumai Gaurhi | Sumai Gaurhi | 164 | 2.25 | 0.45 | 0.6 | 0.81 | 132.84 | 32.57 | 43 | 100 | 4326.60 |
| CB 198 | 81˚15' 19.873" E | 27˚58' 17.570" N | Sumai Gaurhi | Sumai Gaurhi | 175 | 2.25 | 0.45 | 0.6 | 0.81 | 141.75 | 32.57 | 46 | 100 | 4616.80 |
| CB 199 | 81˚15' 24.403" E | 27˚58' 13.750" N | Sumai Gaurhi | Sumai Gaurhi | 271 | 2.25 | 0.45 | 0.6 | 0.81 | 219.51 | 32.57 | 71 | 100 | 7149.44 |
| CB 200 | 81˚15' 37.521" E | 27˚58' 17.506" N | Sumai Gaurhi | Sumai Gaurhi | 233 | 2.25 | 0.45 | 0.6 | 0.81 | 188.73 | 32.57 | 61 | 100 | 6146.94 |
| CB 201 | 81˚15' 33.917" E | 27˚58' 19.488" N | Sumai Gaurhi | Sumai Gaurhi | 146 | 2.25 | 0.45 | 0.6 | 0.81 | 118.26 | 32.57 | 39 | 100 | 3851.73 |
| CB 202 | 81˚15' 38.129" E | 27˚58' 22.933" N | Sumai Gaurhi | Sumai Gaurhi | 444 | 2.25 | 0.45 | 0.6 | 0.81 | 359.64 | 32.57 | 117 | 100 | 11713.47 |
| CB 203 | 81˚15' 45.732" E | 27˚58' 26.086" N | Sumai Gaurhi | Sumai Gaurhi | 206 | 2.25 | 0.45 | 0.6 | 0.81 | 166.86 | 32.57 | 54 | 100 | 5434.63 |
| CB 204 | 81˚16' 14.893" E | 27˚ 58' 4.227" N | Sumai Gaurhi | Sumai Gaurhi | 292 | 2.25 | 0.45 | 0.6 | 0.81 | 236.52 | 32.57 | 77 | 100 | 7703.46 |
| CB 205 | 81˚ 16' 4.435" E | 27˚ 58' 5.357" N | Sumai Gaurhi | Sumai Gaurhi | 329 | 2.25 | 0.45 | 0.6 | 0.81 | 266.49 | 32.57 | 87 | 100 | 8679.58 |
| CB | 81˚ 16' 4.191" | 27˚ 58' 0.546" | Sumai Gaurhi | Sumai | 180 | 2.25 | 0.4 | 0.6 | 0.8 | 145.80 | 32.5 | 47 | 100 | 4748.71 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 206 | E | N | | Gaurhi | | | 5 | | 1 | | 7 | | | |
| CB 207 | 81˚16' 10.794" E | 27˚ 58' 0.778" N | Sumai Gaurhi | Sumai Gaurhi | 152 | 2.25 | 0.45 | 0.6 | 0.81 | 123.12 | 32.57 | 40 | 100 | 4010.02 |
| CB 208 | 81˚16' 12.926" E | 27˚ 58' 2.681" N | Sumai Gaurhi | Sumai Gaurhi | 226 | 2.25 | 0.45 | 0.6 | 0.81 | 183.06 | 32.57 | 60 | 100 | 5962.26 |
| CB 209 | 81˚16' 16.666" E | 27˚57' 58.074" N | Sumai Gaurhi | Sumai Gaurhi | 124 | 2.25 | 0.45 | 0.6 | 0.81 | 100.44 | 32.57 | 33 | 100 | 3271.33 |
| CB 225 | 81˚15' 48.877" E | 27˚58' 37.882" N | Sumai Gaurhi | Sumai Gaurhi | 153 | 2.25 | 0.45 | 0.6 | 0.81 | 123.93 | 32.57 | 40 | 100 | 4036.40 |
| CB 226 | 81˚15' 50.410" E | 27˚58' 40.303" N | Sumai Gaurhi | Sumai Gaurhi | 153 | 2.25 | 0.45 | 0.6 | 0.81 | 123.93 | 32.57 | 40 | 100 | 4036.40 |
| CB 227 | 81˚15' 51.436" E | 27˚58' 36.302" N | Sumai Gaurhi | Sumai Gaurhi | 214 | 2.25 | 0.45 | 0.6 | 0.81 | 173.34 | 32.57 | 56 | 100 | 5645.68 |
| CB 228 | 81˚ 16' 1.724" E | 27˚58' 34.512" N | Sumai Gaurhi | Sumai Gaurhi | 297 | 2.25 | 0.45 | 0.6 | 0.81 | 240.57 | 32.57 | 78 | 100 | 7835.36 |
| CB 229 | 81˚ 16' 7.021" E | 27˚58' 28.901" N | Sumai Gaurhi | Sumai Gaurhi | 104 | 2.25 | 0.45 | 0.6 | 0.81 | 84.24 | 32.57 | 27 | 100 | 2743.70 |
| CB 23 | 81˚15' 35.332" E | 27˚58' 32.504" N | Sumai Gaurhi | Sumai Gaurhi | 179 | 2.25 | 0.45 | 0.6 | 0.81 | 144.99 | 32.57 | 47 | 100 | 4722.32 |
| CB 230 | 81˚ 16' 7.511" E | 27˚58' 27.284" N | Sumai Gaurhi | Sumai Gaurhi | 117 | 2.25 | 0.45 | 0.6 | 0.81 | 94.77 | 32.57 | 31 | 100 | 3086.66 |
| CB 231 | 81˚ 16' 2.077" E | 27˚58' 22.826" N | Sumai Gaurhi | Sumai Gaurhi | 238 | 2.25 | 0.45 | 0.6 | 0.81 | 192.78 | 32.57 | 63 | 100 | 6278.84 |
| CB 232 | 81˚15' 56.472" E | 27˚58' 18.039" N | Sumai Gaurhi | Sumai Gaurhi | 232 | 2.25 | 0.45 | 0.6 | 0.81 | 187.92 | 32.57 | 61 | 100 | 6120.55 |
| CB 233 | 81˚15' 55.654" E | 27˚58' 14.461" N | Sumai Gaurhi | Sumai Gaurhi | 151 | 2.25 | 0.45 | 0.6 | 0.81 | 122.31 | 32.57 | 40 | 100 | 3983.64 |
| CB 234 | 81˚15' 52.303" E | 27˚58' 17.566" N | Sumai Gaurhi | Sumai Gaurhi | 173 | 2.25 | 0.45 | 0.6 | 0.81 | 140.13 | 32.57 | 46 | 100 | 4564.03 |
| CB 235 | 81˚15' 41.541" E | 27˚58' 23.457" N | Sumai Gaurhi | Sumai Gaurhi | 209 | 2.25 | 0.45 | 0.6 | 0.81 | 169.29 | 32.57 | 55 | 100 | 5513.78 |
| CB 236 | 81˚15' 42.538" E | 27˚58' 44.447" N | Sumai Gaurhi | Sumai Gaurhi | 215 | 2.25 | 0.45 | 0.6 | 0.81 | 174.15 | 32.57 | 57 | 100 | 5672.07 |
| CB 237 | 81˚15' 49.031" E | 27˚58' 44.977" N | Sumai Gaurhi | Sumai Gaurhi | 214 | 2.25 | 0.45 | 0.6 | 0.81 | 173.34 | 32.57 | 56 | 100 | 5645.68 |
| CB 238 | 81˚15' 24.869" E | 27˚58' 51.409" N | Sumai Gaurhi | Sumai Gaurhi | 161 | 2.25 | 0.45 | 0.6 | 0.81 | 130.41 | 32.57 | 42 | 100 | 4247.45 |
| CB 239 | 81˚15' 20.898" E | 27˚58' 55.694" N | Sumai Gaurhi | Sumai Gaurhi | 172 | 2.25 | 0.45 | 0.6 | 0.81 | 139.32 | 32.57 | 45 | 100 | 4537.65 |
| CB 24 | 81˚15' 41.429" E | 27˚58' 36.127" N | Sumai Gaurhi | Sumai Gaurhi | 178 | 2.25 | 0.45 | 0.6 | 0.81 | 144.18 | 32.57 | 47 | 100 | 4695.94 |
| CB 240 | 81˚15' 17.496" E | 27˚58' 57.965" N | Sumai Gaurhi | Sumai Gaurhi | 186 | 2.25 | 0.45 | 0.6 | 0.81 | 150.66 | 32.57 | 49 | 100 | 4907.00 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CB 241 | 81˚15' 15.734" E | 27˚58' 58.739" N | Sumai Gaurhi | Sumai Gaurhi | 143 | 2.25 | 0.45 | 0.6 | 0.81 | 115.83 | 32.57 | 38 | 100 | 3772.58 |
| CB 25 | 81˚15' 39.870" E | 27˚58' 46.316" N | Sumai Gaurhi | Sumai Gaurhi | 115 | 2.25 | 0.45 | 0.6 | 0.81 | 93.15 | 32.57 | 30 | 100 | 3033.90 |
| CB 26 | 81˚15' 24.371" E | 27˚58' 21.615" N | Sumai Gaurhi | Sumai Gaurhi | 172 | 2.25 | 0.45 | 0.6 | 0.81 | 139.32 | 32.57 | 45 | 100 | 4537.65 |
| CB 260 | 81˚ 16' 4.138" E | 27˚58' 32.730" N | Sumai Gaurhi | Sumai Gaurhi | 218 | 2.25 | 0.45 | 0.6 | 0.81 | 176.58 | 32.57 | 58 | 100 | 5751.21 |
| CB 261 | 81˚ 16' 9.672" E | 27˚58' 20.692" N | Sumai Gaurhi | Sumai Gaurhi | 216 | 2.25 | 0.45 | 0.6 | 0.81 | 174.96 | 32.57 | 57 | 100 | 5698.45 |
| CB 262 | 81˚15' 46.218" E | 27˚58' 40.926" N | Sumai Gaurhi | Sumai Gaurhi | 120 | 2.25 | 0.45 | 0.6 | 0.81 | 97.20 | 32.57 | 32 | 100 | 3165.80 |
| CB 263 | 81˚ 15' 7.786" E | 27˚58' 51.323" N | Sumai Gaurhi | Sumai Gaurhi | 328 | 2.25 | 0.45 | 0.6 | 0.81 | 265.68 | 32.57 | 87 | 100 | 8653.20 |
| CB 264 | 81˚15' 13.058" E | 27˚58' 44.253" N | Sumai Gaurhi | Sumai Gaurhi | 306 | 2.25 | 0.45 | 0.6 | 0.81 | 247.86 | 32.57 | 81 | 100 | 8072.80 |
| CB 265 | 81˚15' 18.182" E | 27˚58' 44.712" N | Sumai Gaurhi | Sumai Gaurhi | 404 | 2.25 | 0.45 | 0.6 | 0.81 | 327.24 | 32.57 | 107 | 100 | 10658.21 |
| CB 266 | 81˚15' 16.833" E | 27˚58' 39.381" N | Sumai Gaurhi | Sumai Gaurhi | 227 | 2.25 | 0.45 | 0.6 | 0.81 | 183.87 | 32.57 | 60 | 100 | 5988.65 |
| CB 267 | 81˚15' 29.518" E | 27˚58' 38.886" N | Sumai Gaurhi | Sumai Gaurhi | 275 | 2.25 | 0.45 | 0.6 | 0.81 | 222.75 | 32.57 | 73 | 100 | 7254.97 |
| CB 27 | 81˚15' 20.024" E | 27˚58' 25.214" N | Sumai Gaurhi | Sumai Gaurhi | 270 | 2.25 | 0.45 | 0.6 | 0.81 | 218.70 | 32.57 | 71 | 100 | 7123.06 |
| CB 28 | 81˚15' 12.044" E | 27˚58' 28.964" N | Sumai Gaurhi | Sumai Gaurhi | 359 | 2.25 | 0.45 | 0.6 | 0.81 | 290.79 | 32.57 | 95 | 100 | 9471.03 |
| CB 29 | 81˚ 15' 9.604" E | 27˚58' 26.896" N | Sumai Gaurhi | Sumai Gaurhi | 121 | 2.25 | 0.45 | 0.6 | 0.81 | 98.01 | 32.57 | 32 | 100 | 3192.19 |
| CB 30 | 81˚ 15' 7.006" E | 27˚58' 20.347" N | Sumai Gaurhi | Sumai Gaurhi | 143 | 2.25 | 0.45 | 0.6 | 0.81 | 115.83 | 32.57 | 38 | 100 | 3772.58 |
| CB 31 | 81˚15' 12.290" E | 27˚58' 32.271" N | Sumai Gaurhi | Sumai Gaurhi | 156 | 2.25 | 0.45 | 0.6 | 0.81 | 126.36 | 32.57 | 41 | 100 | 4115.55 |
| CB 32 | 81˚16' 34.608" E | 27˚57' 19.993" N | Bakhtawar Gaurhi | Sumai Gaurhi | 190 | 2.25 | 0.45 | 0.6 | 0.81 | 153.90 | 32.57 | 50 | 100 | 5012.52 |
| CB 33 | 81˚16' 27.912" E | 27˚57' 16.700" N | Bakhtawar Gaurhi | Sumai Gaurhi | 125 | 2.25 | 0.45 | 0.6 | 0.81 | 101.25 | 32.57 | 33 | 100 | 3297.71 |
| CB 34 | 81˚16' 30.317" E | 27˚57' 12.799" N | Bakhtawar Gaurhi | Sumai Gaurhi | 142 | 2.25 | 0.45 | 0.6 | 0.81 | 115.02 | 32.57 | 37 | 100 | 3746.20 |
| CB 35 | 81˚16' 27.646" E | 27˚57' 10.053" N | Bakhtawar Gaurhi | Sumai Gaurhi | 177 | 2.25 | 0.45 | 0.6 | 0.81 | 143.37 | 32.57 | 47 | 100 | 4669.56 |
| CB 36 | 81˚16' 32.364" E | 27˚ 57' 4.578" N | Bakhtawar Gaurhi | Sumai Gaurhi | 185 | 2.25 | 0.45 | 0.6 | 0.81 | 149.85 | 32.57 | 49 | 100 | 4880.61 |
| CB 37 | 81˚16' | 27˚56' | Bakhtawar | Sumai | 148 | 2.25 | 0.4 | 0.6 | 0.8 | 119.88 | 32.5 | 39 | 100 | 3904.49 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 32.742" E | 54.886" N | Gaurhi | Gaurhi | | | 5 | | 1 | | 7 | | | |
| CB 38 | 81˚16' 33.265" E | 27˚56' 49.891" N | Bakhtawar Gaurhi | Sumai Gaurhi | 228 | 2.25 | 0.45 | 0.6 | 0.81 | 184.68 | 32.57 | 60 | 100 | 6015.03 |
| CB 39 | 81˚16' 35.216" E | 27˚56' 44.553" N | Bakhtawar Gaurhi | Sumai Gaurhi | 448 | 2.25 | 0.45 | 0.6 | 0.81 | 362.88 | 32.57 | 118 | 100 | 11819.00 |
| CB 40 | 81˚16' 37.981" E | 27˚56' 46.596" N | Bakhtawar Gaurhi | Sumai Gaurhi | 383 | 2.25 | 0.45 | 0.6 | 0.81 | 310.23 | 32.57 | 101 | 100 | 10104.19 |
| CB 41 | 81˚16' 37.448" E | 27˚56' 49.237" N | Bakhtawar Gaurhi | Sumai Gaurhi | 115 | 2.25 | 0.45 | 0.6 | 0.81 | 93.15 | 32.57 | 30 | 100 | 3033.90 |
| CB 42 | 81˚16' 42.168" E | 27˚56' 46.039" N | Bakhtawar Gaurhi | Sumai Gaurhi | 257 | 2.25 | 0.45 | 0.6 | 0.81 | 208.17 | 32.57 | 68 | 100 | 6780.10 |
| CB 43 | 81˚16' 53.832" E | 27˚56' 37.690" N | Bakhtawar Gaurhi | Sumai Gaurhi | 297 | 2.25 | 0.45 | 0.6 | 0.81 | 240.57 | 32.57 | 78 | 100 | 7835.36 |
| CB 44 | 81˚16' 54.369" E | 27˚56' 35.600" N | Bakhtawar Gaurhi | Sumai Gaurhi | 250 | 2.25 | 0.45 | 0.6 | 0.81 | 202.50 | 32.57 | 66 | 100 | 6595.43 |
| CB 45 | 81˚16' 55.714" E | 27˚56' 46.336" N | Bakhtawar Gaurhi | Sumai Gaurhi | 166 | 2.25 | 0.45 | 0.6 | 0.81 | 134.46 | 32.57 | 44 | 100 | 4379.36 |
| CB 46 | 81˚16' 57.278" E | 27˚56' 54.912" N | Bakhtawar Gaurhi | Sumai Gaurhi | 136 | 2.25 | 0.45 | 0.6 | 0.81 | 110.16 | 32.57 | 36 | 100 | 3587.91 |
| CB 47 | 81˚16' 48.059" E | 27˚56' 55.311" N | Bakhtawar Gaurhi | Sumai Gaurhi | 182 | 2.25 | 0.45 | 0.6 | 0.81 | 147.42 | 32.57 | 48 | 100 | 4801.47 |
| CB 48 | 81˚16' 49.746" E | 27˚ 57' 1.704" N | Bakhtawar Gaurhi | Sumai Gaurhi | 221 | 2.25 | 0.45 | 0.6 | 0.81 | 179.01 | 32.57 | 58 | 100 | 5830.36 |
| CB 49 | 81˚16' 45.278" E | 27˚ 57' 5.360" N | Bakhtawar Gaurhi | Sumai Gaurhi | 281 | 2.25 | 0.45 | 0.6 | 0.81 | 227.61 | 32.57 | 74 | 100 | 7413.26 |
| CB 50 | 81˚16' 38.864" E | 27˚ 57' 6.754" N | Bakhtawar Gaurhi | Sumai Gaurhi | 314 | 2.25 | 0.45 | 0.6 | 0.81 | 254.34 | 32.57 | 83 | 100 | 8283.85 |
| CB 51 | 81˚16' 43.426" E | 27˚57' 11.673" N | Bakhtawar Gaurhi | Sumai Gaurhi | 369 | 2.25 | 0.45 | 0.6 | 0.81 | 298.89 | 32.57 | 97 | 100 | 9734.85 |
| CB 52 | 81˚16' 50.181" E | 27˚57' 11.369" N | Bakhtawar Gaurhi | Sumai Gaurhi | 203 | 2.25 | 0.45 | 0.6 | 0.81 | 164.43 | 32.57 | 54 | 100 | 5355.49 |
| CB 53 | 81˚ 17' 8.277" E | 27˚56' 59.762" N | Bakhtawar Gaurhi | Sumai Gaurhi | 263 | 2.25 | 0.45 | 0.6 | 0.81 | 213.03 | 32.57 | 69 | 100 | 6938.39 |
| CB 54 | 81˚ 17' 4.664" E | 27˚56' 53.933" N | Bakhtawar Gaurhi | Sumai Gaurhi | 388 | 2.25 | 0.45 | 0.6 | 0.81 | 314.28 | 32.57 | 102 | 100 | 10236.10 |
| CB 55 | 81˚ 17' 2.016" E | 27˚56' 52.718" N | Bakhtawar Gaurhi | Sumai Gaurhi | 465 | 2.25 | 0.45 | 0.6 | 0.81 | 376.65 | 32.57 | 123 | 100 | 12267.49 |
| CB 56 | 81˚ 17' 6.747" E | 27˚56' 42.483" N | Bakhtawar Gaurhi | Sumai Gaurhi | 265 | 2.25 | 0.45 | 0.6 | 0.81 | 214.65 | 32.57 | 70 | 100 | 6991.15 |
| CB 57 | 81˚ 17' 9.815" E | 27˚56' 43.733" N | Bakhtawar Gaurhi | Sumai Gaurhi | 195 | 2.25 | 0.45 | 0.6 | 0.81 | 157.95 | 32.57 | 51 | 100 | 5144.43 |
| CB 58 | 81˚17' 17.254" E | 27˚56' 41.208" N | Bakhtawar Gaurhi | Sumai Gaurhi | 164 | 2.25 | 0.45 | 0.6 | 0.81 | 132.84 | 32.57 | 43 | 100 | 4326.60 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CB 59 | 81˚17' 15.202" E | 27˚56' 48.201" N | Bakhtawar Gaurhi | Sumai Gaurhi | 366 | 2.25 | 0.45 | 0.6 | 0.81 | 296.46 | 32.57 | 97 | 100 | 9655.70 |
| CB 60 | 81˚17' 16.533" E | 27˚56' 36.691" N | Bakhtawar Gaurhi | Sumai Gaurhi | 248 | 2.25 | 0.45 | 0.6 | 0.81 | 200.88 | 32.57 | 65 | 100 | 6542.66 |
| CB 61 | 81˚ 17' 9.585" E | 27˚56' 35.999" N | Bakhtawar Gaurhi | Sumai Gaurhi | 480 | 2.25 | 0.45 | 0.6 | 0.81 | 388.80 | 32.57 | 127 | 100 | 12663.22 |
| CB 62 | 81˚17' 14.478" E | 27˚56' 24.650" N | Bakhtawar Gaurhi | Sumai Gaurhi | 291 | 2.25 | 0.45 | 0.6 | 0.81 | 235.71 | 32.57 | 77 | 100 | 7677.07 |
| CB 63 | 81˚ 17' 8.716" E | 27˚56' 26.327" N | Bakhtawar Gaurhi | Sumai Gaurhi | 166 | 2.25 | 0.45 | 0.6 | 0.81 | 134.46 | 32.57 | 44 | 100 | 4379.36 |
| CB 64 | 81˚17' 13.788" E | 27˚56' 21.334" N | Bakhtawar Gaurhi | Sumai Gaurhi | 153 | 2.25 | 0.45 | 0.6 | 0.81 | 123.93 | 32.57 | 40 | 100 | 4036.40 |
| CB 65 | 81˚17' 17.196" E | 27˚56' 17.971" N | Bakhtawar Gaurhi | Sumai Gaurhi | 190 | 2.25 | 0.45 | 0.6 | 0.81 | 153.90 | 32.57 | 50 | 100 | 5012.52 |
| CB 66 | 81˚17' 32.812" E | 27˚56' 18.852" N | Bakhtawar Gaurhi | Sumai Gaurhi | 179 | 2.25 | 0.45 | 0.6 | 0.81 | 144.99 | 32.57 | 47 | 100 | 4722.32 |
| CB 67 | 81˚17' 26.527" E | 27˚56' 26.073" N | Bakhtawar Gaurhi | Sumai Gaurhi | 279 | 2.25 | 0.45 | 0.6 | 0.81 | 225.99 | 32.57 | 74 | 100 | 7360.49 |
| CB 68 | 81˚17' 30.231" E | 27˚56' 22.143" N | Bakhtawar Gaurhi | Sumai Gaurhi | 143 | 2.25 | 0.45 | 0.6 | 0.81 | 115.83 | 32.57 | 38 | 100 | 3772.58 |
| CB 69 | 81˚17' 24.020" E | 27˚56' 32.009" N | Bakhtawar Gaurhi | Sumai Gaurhi | 243 | 2.25 | 0.45 | 0.6 | 0.81 | 196.83 | 32.57 | 64 | 100 | 6410.75 |
| CB 70 | 81˚17' 18.255" E | 27˚56' 32.756" N | Bakhtawar Gaurhi | Sumai Gaurhi | 230 | 2.25 | 0.45 | 0.6 | 0.81 | 186.30 | 32.57 | 61 | 100 | 6067.79 |
| CB 71 | 81˚15' 28.149" E | 27˚58' 12.932" N | Sumai Gaurhi | Sumai Gaurhi | 198 | 2.25 | 0.45 | 0.6 | 0.81 | 160.38 | 32.57 | 52 | 100 | 5223.58 |
| CB 72 | 81˚15' 32.143" E | 27˚58' 12.060" N | Sumai Gaurhi | Sumai Gaurhi | 285 | 2.25 | 0.45 | 0.6 | 0.81 | 230.85 | 32.57 | 75 | 100 | 7518.78 |
| CB 73 | 81˚ 16' 2.470" E | 27˚57' 53.136" N | Sumai Gaurhi | Sumai Gaurhi | 270 | 2.25 | 0.45 | 0.6 | 0.81 | 218.70 | 32.57 | 71 | 100 | 7123.06 |
| CB 74 | 81˚15' 57.087" E | 27˚57' 51.982" N | Sumai Gaurhi | Sumai Gaurhi | 323 | 2.25 | 0.45 | 0.6 | 0.81 | 261.63 | 32.57 | 85 | 100 | 8521.29 |
| CB 75 | 81˚ 16' 3.487" E | 27˚57' 43.809" N | Sumai Gaurhi | Sumai Gaurhi | 151 | 2.25 | 0.45 | 0.6 | 0.81 | 122.31 | 32.57 | 40 | 100 | 3983.64 |
| CB 76 | 81˚15' 56.063" E | 27˚57' 46.187" N | Sumai Gaurhi | Sumai Gaurhi | 209 | 2.25 | 0.45 | 0.6 | 0.81 | 169.29 | 32.57 | 55 | 100 | 5513.78 |
| CB 77 | 81˚15' 52.318" E | 27˚57' 40.821" N | Sumai Gaurhi | Sumai Gaurhi | 301 | 2.25 | 0.45 | 0.6 | 0.81 | 243.81 | 32.57 | 79 | 100 | 7940.89 |
| CB 78 | 81˚15' 59.605" E | 27˚57' 33.583" N | Sumai Gaurhi | Sumai Gaurhi | 300 | 2.25 | 0.45 | 0.6 | 0.81 | 243.00 | 32.57 | 79 | 100 | 7914.51 |
| CB 79 | 81˚15' 59.206" E | 27˚57' 27.774" N | Sumai Gaurhi | Sumai Gaurhi | 199 | 2.25 | 0.45 | 0.6 | 0.81 | 161.19 | 32.57 | 52 | 100 | 5249.96 |
| CB 80 | 81˚ 16' 9.653" | 27˚57' | Sumai Gaurhi | Sumai | 168 | 2.25 | 0.4 | 0.6 | 0.8 | 136.08 | 32.5 | 44 | 100 | 4432.13 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | E | 28.028" N | | Gaurhi | | | 5 | | 1 | | 7 | | | |
| CB 81 | 81˚16' 14.779" E | 27˚57' 30.406" N | Sumai Gaurhi | Sumai Gaurhi | 229 | 2.25 | 0.45 | 0.6 | 0.81 | 185.49 | 32.57 | 60 | 100 | 6041.41 |
| CB 82 | 81˚16' 14.943" E | 27˚57' 33.052" N | Sumai Gaurhi | Sumai Gaurhi | 145 | 2.25 | 0.45 | 0.6 | 0.81 | 117.45 | 32.57 | 38 | 100 | 3825.35 |
| CB 83 | 81˚16' 20.773" E | 27˚57' 36.719" N | Sumai Gaurhi | Sumai Gaurhi | 211 | 2.25 | 0.45 | 0.6 | 0.81 | 170.91 | 32.57 | 56 | 100 | 5566.54 |
| CB 84 | 81˚15' 40.357" E | 27˚57' 55.616" N | Sumai Gaurhi | Sumai Gaurhi | 231 | 2.25 | 0.45 | 0.6 | 0.81 | 187.11 | 32.57 | 61 | 100 | 6094.17 |
| CB 85 | 81˚15' 34.860" E | 27˚57' 47.145" N | Sumai Gaurhi | Sumai Gaurhi | 428 | 2.25 | 0.45 | 0.6 | 0.81 | 346.68 | 32.57 | 113 | 100 | 11291.37 |
| CB 86 | 81˚15' 36.588" E | 27˚57' 40.766" N | Sumai Gaurhi | Sumai Gaurhi | 217 | 2.25 | 0.45 | 0.6 | 0.81 | 175.77 | 32.57 | 57 | 100 | 5724.83 |
| CB 87 | 81˚15' 12.928" E | 27˚57' 57.533" N | Sumai Gaurhi | Sumai Gaurhi | 197 | 2.25 | 0.45 | 0.6 | 0.81 | 159.57 | 32.57 | 52 | 100 | 5197.19 |
| CB 88 | 81˚15' 24.179" E | 27˚ 58' 4.199" N | Sumai Gaurhi | Sumai Gaurhi | 160 | 2.25 | 0.45 | 0.6 | 0.81 | 129.60 | 32.57 | 42 | 100 | 4221.07 |
| CB 89 | 81˚15' 17.178" E | 27˚ 58' 1.767" N | Sumai Gaurhi | Sumai Gaurhi | 214 | 2.25 | 0.45 | 0.6 | 0.81 | 173.34 | 32.57 | 56 | 100 | 5645.68 |
| CB 90 | 81˚15' 21.090" E | 27˚57' 59.700" N | Sumai Gaurhi | Sumai Gaurhi | 200 | 2.25 | 0.45 | 0.6 | 0.81 | 162.00 | 32.57 | 53 | 100 | 5276.34 |
| CB 91 | 81˚15' 22.251" E | 27˚57' 54.939" N | Sumai Gaurhi | Sumai Gaurhi | 163 | 2.25 | 0.45 | 0.6 | 0.81 | 132.03 | 32.57 | 43 | 100 | 4300.22 |
| CB 92 | 81˚ 15' 9.526" E | 27˚ 58' 4.828" N | Sumai Gaurhi | Sumai Gaurhi | 133 | 2.25 | 0.45 | 0.6 | 0.81 | 107.73 | 32.57 | 35 | 100 | 3508.77 |
| CB 93 | 81˚ 15' 9.564" E | 27˚57' 47.975" N | Sumai Gaurhi | Sumai Gaurhi | 96 | 2.25 | 0.45 | 0.6 | 0.81 | 77.76 | 32.57 | 25 | 100 | 2532.64 |
| CB 94 | 81˚15' 13.016" E | 27˚57' 43.591" N | Sumai Gaurhi | Sumai Gaurhi | 159 | 2.25 | 0.45 | 0.6 | 0.81 | 128.79 | 32.57 | 42 | 100 | 4194.69 |
| CB 95 | 81˚15' 12.033" E | 27˚57' 42.861" N | Sumai Gaurhi | Sumai Gaurhi | 141 | 2.25 | 0.45 | 0.6 | 0.81 | 114.21 | 32.57 | 37 | 100 | 3719.82 |
| CB 96 | 81˚15' 20.582" E | 27˚57' 39.400" N | Sumai Gaurhi | Sumai Gaurhi | 197 | 2.25 | 0.45 | 0.6 | 0.81 | 159.57 | 32.57 | 52 | 100 | 5197.19 |
| CB 97 | 81˚15' 27.235" E | 27˚57' 41.103" N | Sumai Gaurhi | Sumai Gaurhi | 186 | 2.25 | 0.45 | 0.6 | 0.81 | 150.66 | 32.57 | 49 | 100 | 4907.00 |
| CB 98 | 81˚15' 43.738" E | 27˚57' 34.017" N | Sumai Gaurhi | Sumai Gaurhi | 162 | 2.25 | 0.45 | 0.6 | 0.81 | 131.22 | 32.57 | 43 | 100 | 4273.84 |
| CB 99 | 81˚15' 47.246" E | 27˚57' 28.003" N | Sumai Gaurhi | Sumai Gaurhi | 111 | 2.25 | 0.45 | 0.6 | 0.81 | 89.91 | 32.57 | 29 | 100 | 2928.37 |
| | | | | | **30907** | | | | | **25034.67** | | **8154** | | **815379.20** |

# Farmer Contribution & Beneficiary wise details of Proposed / Planned W/S Development Activities (Individual)

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Name and Code of MWS** | | | **Somai Gauri** | | | | | | | | | | |
| **Name of Gram Panchayat** | | | **Somai Gauri** | | | | | | | | | | |
| **Name of Village** | | | **Girgitti** | | | | | | | | | | |
| **Name of benificiries cotagery** | **Khasra No** | **Area** | **Detail of of work** | | | | | | **E/W** | **rate** | **cost of E/w** | **Sub Total Amount** | **Caste** | **share of farmar`s** |
| | | | **Name of work** | **Length** | **wedth** | | **Higth** | **C.S.** | | | | | | |
| | | | | | **Top** | **Base** | | | | | | | | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 19 | 21 | 20 |
| Pehlwan | 639 | 0.930 | C.B.1 | 207 | 0.45 | 2.25 | 0.6 | 0.81 | 167.67 | 32.57 | 5461.01 | 5461.01 | B.C. | 273.05 |
| **Sub Total** | | | | **207** | 0.45 | 2.25 | 0.6 | 0.81 | 167.67 | | | | | |
| Khalid | 743 | 0.293 | C.B.2 | 266 | 0.45 | 2.25 | 0.6 | 0.81 | 215.46 | 32.57 | 7017.53 | 7017.53 | B.C. | 350.88 |
| **Sub Total** | | | | **270** | **0.45** | **2.25** | **0.6** | **0.81** | **218.70** | **32.57** | **7123.06** | **7123.06** | B.C. | **356.15** |
| Sukul sunder lal | 704 | 0.543 | **C.B.3** | 220 | 0.45 | 2.25 | 0.6 | 0.81 | 178.20 | 32.57 | 5803.97 | 5803.97 | B.C. | 580.40 |
| Kedari | 703 | 0.659 | | 124 | 0.45 | 2.25 | 0.6 | 0.81 | 100.44 | 32.57 | 3271.33 | 3271.33 | B.C. | 163.57 |
| Salik Ram | 687 | 0.512 | | 205 | 0.45 | 2.25 | 0.6 | 0.81 | 166.05 | 32.57 | 5408.25 | 5408.25 | B.C. | 270.41 |
| Asha Ram | 689 | 1.191 | | 96 | 0.45 | 2.25 | 0.6 | 0.81 | 77.76 | 32.57 | 2532.64 | 2532.64 | B.C. | 126.63 |
| **Sub Total** | | | | | | | | | | | | | | |
| Jitander | 759 | 0.679 | | 110 | 0.45 | 2.25 | 0.6 | 0.81 | 89.10 | 32.57 | 2901.99 | 2901.99 | B.C. | 290.20 |
| Ramphal | 761 | 0.666 | | 80 | 1.35 | 6.75 | 0.6 | 0.81 | 64.80 | 32.57 | 2110.54 | 2110.54 | B.C. | 105.53 |
| Jagernath | 762 | 0.716 | | 14 | 0.45 | 2.25 | 0.6 | 0.81 | 11.34 | 32.57 | 369.34 | 369.34 | B.C. | 36.93 |
| Sub Total | | | | 90 | 0.45 | 2.25 | 0.6 | 0.81 | 72.90 | 32.57 | 2374.35 | 2374.35 | B.C. | 118.72 |
| Ram naresh | 725 | 0.728 | **C.B.4** | 120 | 0.45 | 2.25 | 0.6 | 0.81 | 97.20 | 32.57 | 3165.80 | 3165.80 | B.C. | 158.29 |
| Kedhi | 726 | 0.989 | | 168 | 0.45 | 2.25 | 0.6 | 0.81 | 136.08 | 33.57 | 4568.21 | 4569.21 | B.C. | 228.46 |
| Sub Total | | | | | | | | | | | | | | |
| Virender | 717 | 0.304 | | 80 | 0.45 | 2.25 | 0.6 | 0.81 | 64.80 | 32.57 | 2110.54 | 2110.54 | B.C. | 105.53 |
| **Sub Total** | | | | | | | | | | | | | | |
| Ram kumar | 711 | 0.621 | CB-11 | 70 | 0.45 | 2.25 | 0.6 | 0.81 | 72.09 | 32.57 | 2347.97 | 2347.97 | B.C. | 117.40 |
| Kamla | 708/1036 | 0.562 | | 30 | 0.45 | 2.25 | 0.6 | 0.81 | 0.00 | 32.57 | 0.00 | 0.00 | B.C. | 0.00 |
| Ram khelwan | 708 | 0.078 | | 89 | 0.45 | 2.25 | 0.6 | 0.81 | 74.52 | 32.57 | 2427.12 | 2427.12 | B.C. | 121.36 |
| **Sub Total** | | | | | | | | | 0.00 | | | 0.00 | | 0.00 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jagan | 785 | 0.225 | CB-162 | 92 | 0.45 | 2.25 | 0.6 | 0.81 | 74.52 | 32.57 | 2427.12 | 2427.12 | B.C. | 121.36 |
| Smt kamla devi | 778 | 0.215 | CB-163 | 101 | 0.45 | 2.25 | 0.6 | 0.81 | 28.35 | 32.57 | 923.36 | 923.36 | B.C. | 46.17 |
| **Sub Total** | | | | | | | | | 0.00 | | | 0.00 | | 0.00 |
| Tribhuji naryan | 802 | 2.306 | | 35 | 0.45 | 2.25 | 0.6 | 0.81 | 28.35 | 32.57 | 923.36 | 923.36 | B.C. | 46.17 |
| Nirankar parsad | 803 | 2.023 | | 219 | 0.45 | 2.25 | 0.6 | 0.81 | 2343.33 | 32.57 | 76322.26 | 76322.26 | B.C. | 3816.11 |
| **Grand Total** | | | | **2893** | **0.45** | **2.25** | **0.6** | **0.81** | **2343.33** | **32.57** | **76322.26** | **76322.26** | | **7433.30** |

# Beneficiary wise details of Proposed / Planned W/S Development Activities (Individual)

## Block - Mihinpurwa

### Table No.51: PLANING OF AGRICULTURE DEMONSTRATION IN IWMP-II

**GP/GRAM SABHA/VILLAGE- Pairua, 2B1G4b1c**
**Kharif/rabi/zaid/(seperately for SMC & life saving irrigation area of water resource actually planned/ executed)**

| S. no | Farmer`s name | crop | Variety | Area | Total cost of demon. (Rs.) | Beneficiary contribution (Rs.) | Share of project funds (Rs.) | Peop. Date of sowing | Exp. Crop maturity date | Prop.crop cutting date | Productivity (Q/ha) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Exis-ting | Expe-cting |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1 | SiraRam | Wheat | PBW-343 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 2 | Jang Bahadur | Wheat | PBW-343 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 3 | Jagdesh | Wheat | PBW-343 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 4 | Maiku | Wheat | PBW-343 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 5 | Sahaj Ram | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 6 | Manoj | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 7 | Faquire | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 8 | Bhola | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 9 | Brij lal | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 10 | Hari | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 11 | Tulsi | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 12 | Rajesh | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 13 | Suresh | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 14 | Budhi | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 15 | Jagtu | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 16 | Pairu | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 17 | Ramu | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 18 | Nankau | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 19 | Ashok | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 20 | Uday Bhan | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| | | | | | | | | | | | | |

**GP/GRAM SABHA/VILLAGE- Somai Gauri, 2B1G4b1b**

**Kharif/rabi/zaid/(seperately for SMC & life saving irrigation area of water resource actually planned/ executed)**

| S. no | Farmer`s name | crop | Variety | Area | Total cost of demon. (Rs.) | Beneficiary contribution (Rs.) | Share of project funds (Rs.) | Peop. Date of sowing | Exp. Crop maturity date | Prop.crop cutting date | Productivity (Q/ha) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Exis-ting | Expe-cting |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1 | Piyare lal | Wheat | PBW-343 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 2 | Ram Kumar | Wheat | PBW-343 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 3 | Ramu | Wheat | PBW-343 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 4 | Bhagwati | Wheat | PBW-343 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 5 | Kallu | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 6 | Eatwari | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 7 | Pati Ram | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 8 | Kai parkash | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 9 | Puran lala | Wheat | RR-21 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 10 | Ram chander | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 11 | Hari kisun | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 12 | Ram Khelwan | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 13 | Kallu | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 14 | Dhani Ram | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 15 | Rameshwer | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 16 | Kannuji lal | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 17 | Bhandri | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 18 | Parshuram | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 19 | Sat guru | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 20 | Sri Ram | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 21 | Babu | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 22 | Ram Lal | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 23 | Munna Ram | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 24 | Dewaki | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 25 | Duji | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 26 | Ram Naresh | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 27 | Khelawan | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 28 | Kamlesh | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 29 | Om Parkash | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 30 | | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | Guru Bachan | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 32 | Brahma nand | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 33 | harsev | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 34 | Fayal singh | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 35 | Harbinder singh | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 36 | Radhy | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 37 | Guddu | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 38 | Nanhu | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 39 | Mohan | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 40 | Hari naam | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 41 | Mandeep | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 42 | Guru charan | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 43 | Bhagwati | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 44 | Sohan | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 45 | Eshwardeen | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 46 | Keshaw Ram | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |

## PLANING OF AGRICULTURE DEMONSTRATION IN IWMP-II

**GP/GRAM SABHA/VILLAGE- Naubana-, 2B1G4b2a**

**Kharif/rabi/zaid/(seperately for SMC & life saving irrigation area of water resource actually planned/ executed)**

| S. no | Farmer`s name | crop | Variety | Area | Total cost of demon. (Rs.) | Beneficiary contribution (Rs.) | Share of project funds (Rs.) | Peop. Date of sowing | Exp. Crop maturity date | Prop.crop cutting date | Productivity (Q/ha) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Exis-ting | Expe-cting |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1 | Ram chater | Wheat | PBW-343 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 2 | Ghamandi | Wheat | PBW-343 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 3 | Ramyan | Wheat | PBW-343 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 4 | Ram chater | Wheat | PBW-343 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 5 | Rajinder | Wheat | PBW-343 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 6 | Parshuram | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 7 | Kapoorchand | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 8 | Jainul | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 9 | Gorakh | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 10 | Cheadi | Wheat | RR-21 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 11 | Narayan | Wheat | PBW-373 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 12 | Gopi | Wheat | PBW-374 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 13 | Ram shobhit | Wheat | PBW-343 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 14 | Kai parkash | Wheat | PBW-343 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 15 | Ramyan | Wheat | PBW-343 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 16 | Kandhi | Wheat | PBW-343 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 17 | Kailesh | Wheat | PBW-343 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 18 | Darbari lal | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 19 | Suresh kumar | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 20 | Ram naresh | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 21 | Ramawati | Wheat | HD-2329 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 22 | Vijay kumar | Wheat | HD-2330 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 23 | Brishbhan | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24 | Ram Keshwer | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 25 | Murli | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 26 | Hera lal | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 27 | Sri Ram | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 28 | Jodhi | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 29 | Ram swarath | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 30 | Achaber | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 31 | Ram Pavitre | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 32 | Dukh haran | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 33 | Ram das | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 34 | Ram awadh | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 35 | Ram ashish | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 36 | Tatri | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 37 | Shiv parsad | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 38 | Shin nath | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 39 | Chander bhoosan | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 40 | Jai nath | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 41 | Mahant | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 42 | Natthu | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 43 | Omkar Nath | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 44 | Rak Kishor | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |
| 45 | Ram awtar | Wheat | HD-2331 | .25 | 2550.00 | 510.00 | 2040.00 | Nov.Last | March | April | 20 | 28 |

| S.NO. | NAME OF GRAM PANCHAYAT | ACTIVITIES | | | |
|---|---|---|---|---|---|
| | | PROPOSED WDW | LIVELIHOOD | PRO. SYS.& ME | TOTAL |
| 1 | SOMAI GAURHI | 41.46 | 6.66 | 7.4 | **55.52** |
| 2 | GIRGITTI | 6.72 | 1.08 | 1.2 | **9.00** |
| 3 | JALIM NAGAR | 14.45 | 2.32 | 2.58 | **19.35** |
| 4 | MANGAURIYA | 4.57 | 0.73 | 0.82 | **6.12** |
| 5 | PAIRUWA | 29.64 | 4.76 | 5.29 | **39.69** |
| 6 | GOORH | 38.30 | 6.16 | 6.84 | **51.30** |
| 7 | JHALA | 4.44 | 0.71 | 0.79 | **5.94** |
| 8 | NAUBANA | 39.58 | 6.36 | 7.07 | **53.01** |
| 9 | URRA | 28.16 | 4.53 | 5.03 | **37.72** |
| 10 | MAJHARA | 26.88 | 4.32 | 4.8 | **36.00** |
| 11 | MADHWAPUR | 1.01 | 0.16 | 0.18 | **1.35** |
| | **TOTAL** | **235.20** | **37.80** | **42** | **315.00** |

CHAPTER- 6

# PHASING OF PROGRAMME AND BUDGETING

# MICRO-WATERSHED WISE FINANCIAL BREAK-UP

| FINANCIAL BREAKUP OF VARIOUS COMPONENT IN TERMS OF % OF IWMP-II, DISTRICT-BAHRAICH | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Amount in Lacs | | | |
| **S. No.** | **Name of MWS** | **Project Area** | **Sanctioned Amount** | **Administrative 10%** | **EPA 4%** | **Institution and CB 5%** | **DPR 1%** | **Watershed development work 56%** | **Livelihood for assetless 9%** | **Production system and Microenterprises 10%** | **Monitoring 1%** | **Evaluation 1%** | **Consolidation 3%** | **Total 100%** |
| 1 | Somai Gauri | 1000 | 120.00 | 12.00 | 4.80 | 6.00 | 1.20 | 67.20 | 10.80 | 12.00 | 1.20 | 1.20 | 3.60 | 120.00 |
| 2 | Pairua | 1077 | 129.24 | 12.92 | 5.17 | 6.46 | 1.29 | 72.37 | 11.63 | 12.92 | 1.29 | 1.29 | 3.88 | 129.24 |
| 3 | Naubana | 1423 | 170.76 | 17.08 | 6.83 | 8.54 | 1.71 | 95.63 | 15.37 | 17.08 | 1.71 | 1.71 | 5.12 | 170.76 |
| | **TOTAL** | **3500** | **420** | **42** | **16.8** | **21** | **4.2** | **235.2** | **37.8** | **42** | **4.2** | **4.2** | **12.6** | **420** |

| YEAR WISE FINANCIAL BREAK UP OF INST. & CAP. BULDG. PROGRAMME OF IWMP-II, DISTRICT-BAHRAICH | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | Amount in Lacs |
| S. No. | Name of MWS | Project Area | Sanctioned Amount | Institutional & Capacity Building 5% of the Total Project Cost | | | |
| | | | | 2009-10 | 2010-11 | 2011-12 | 212-13 | Total |
| 1 | Somai Gauri | 1000 | 6.00 | 3.60 | 0.90 | 0.90 | 0.60 | 6.00 |
| 2 | Pairua | 1077 | 6.46 | 3.88 | 0.97 | 0.97 | 0.65 | 6.46 |
| 3 | Naubana | 1423 | 8.54 | 5.12 | 1.28 | 1.28 | 0.85 | 8.54 |
| | **TOTAL** | **3,500.00** | **21.00** | **12.60** | **3.15** | **3.15** | **2.10** | **21.00** |

| YEAR WISE FINANCIAL BREAK UP OF LIVELIHOOD ACTIVITIES IWMP-II, DISTRICT-BAHARAICH | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Amount in Lacs |
| S. No. | Name of MWS | Project Area | Sanctioned Amount | Livelihood 9% of the Project Cost | | | | |
| | | | | 2009-10 | 2010-11 | 2011-12 | 2012-13 | TOTAL |
| 1 | Somai Gauri | 1000 | 10.80 | 1.20 | 3.00 | 3.00 | 3.60 | **10.80** |
| 2 | Pairua | 1077 | 11.63 | 1.29 | 3.23 | 3.23 | 3.88 | **11.63** |
| 3 | Naubana | 1423 | 15.37 | 1.71 | 4.27 | 4.27 | 5.12 | **15.37** |
| | **TOTAL** | **3500** | **37.8** | **4.2** | **10.5** | **10.5** | **12.6** | **37.8** |

| YEAR WISE FINANCIAL BREAK UP OF PRODUCTION & MICRO ENTERPRISES OF IWMP-II, DISTRICT-BAHRAICH | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Amount in Lacs | |
| S. No. | Name of MWS | Project Area | Sanctioned Amount | Production System & Mocro-enterprises 10% of the Project Cost | | | | |
| | | | | 2009-10 | 2010-11 | 2011-12 | 2012-13 | Total |
| 1 | Somai Gauri | 1000 | 12.00 | 1.20 | 3.00 | 3.00 | 4.80 | **12.00** |
| 2 | Pairua | 1077 | 12.92 | 1.29 | 3.23 | 3.23 | 5.17 | **12.92** |
| 3 | Naubana | 1423 | 17.08 | 1.71 | 4.27 | 4.27 | 6.83 | **17.08** |
| | **TOTAL** | **3500** | **42** | **4.2** | **10.5** | **10.5** | **16.8** | **42.00** |

| PROJECT WISE/YEARWISE FINANCIAL BREAK UP OF WORK COMPONENT OF IWMP-II, DISTRICT-BAHRAICH | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Amount in Lacs | |
| S. No. | Microwatershed | Project Area | Sanctioned Amount | Work Component 56% of Project Cost | | | | |
| | | | | 2009-10 | 2010-11 | 2011-12 | 2012-13 | Total |
| 1 | Somai Gauri | 1000 | 67.20 | 9.00 | 19.62 | 19.20 | 19.38 | 67.20 |
| 2 | Pairua | 1077 | 72.37 | 9.69 | 21.13 | 20.68 | 20.87 | 72.37 |
| 3 | Naubana | 1423 | 95.63 | 12.81 | 27.92 | 27.32 | 27.58 | 95.63 |
| | **TOTAL** | **3500** | **235.2** | **31.5** | **68.67** | **67.2** | **67.83** | **235.2** |

# GRAM PANCHAYAT WISE FINANCIAL BREAK-UP

| FINANCIAL BREAKUP OF VARIOUS COMPONENT IN TERMS OF % OF IWMP-II, DISTRICT-BAHRAICH | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Amount in Lacs | | | |
| **S. No.** | **Name of Gram Panchayat** | **Project Area** | **Sanctioned Amount** | **Administrative 10%** | **EPA 4%** | **Institution and CB 5%** | **DPR 1%** | **Watershed development work 56%** | **Livelihood for assetless 9%** | **Production system and Microenterprises 10%** | **Monitoring 1%** | **Evaluation 1%** | **Consolidation 3%** | **Total 100%** |
| 1 | Somai Gauri | 617 | 74.04 | 7.40 | 2.96 | 3.70 | 0.74 | 41.46 | 6.66 | 7.40 | 0.74 | 0.74 | 2.22 | 74.04 |
| 2 | Girgitti | 100 | 12.00 | 1.20 | 0.48 | 0.60 | 0.12 | 6.72 | 1.08 | 1.20 | 0.12 | 0.12 | 0.36 | 12.00 |
| 3 | Jalim nagar | 215 | 25.80 | 2.58 | 1.03 | 1.29 | 0.26 | 14.45 | 2.32 | 2.58 | 0.26 | 0.26 | 0.77 | 25.80 |
| 4 | Mangauria | 68 | 8.16 | 0.82 | 0.33 | 0.41 | 0.08 | 4.57 | 0.73 | 0.82 | 0.08 | 0.08 | 0.24 | 8.16 |
| 5 | Pairua | 441 | 52.92 | 5.29 | 2.12 | 2.65 | 0.53 | 29.64 | 4.76 | 5.29 | 0.53 | 0.53 | 1.59 | 52.92 |
| 6 | Goorh | 570 | 68.40 | 6.84 | 2.74 | 3.42 | 0.68 | 38.30 | 6.16 | 6.84 | 0.68 | 0.68 | 2.05 | 68.40 |
| 7 | Jhala | 66 | 7.92 | 0.79 | 0.32 | 0.40 | 0.08 | 4.44 | 0.71 | 0.79 | 0.08 | 0.08 | 0.24 | 7.92 |
| 8 | Naubana | 589 | 70.68 | 7.07 | 2.83 | 3.53 | 0.71 | 39.58 | 6.36 | 7.07 | 0.71 | 0.71 | 2.12 | 70.68 |
| 9 | Urra | 419 | 50.28 | 5.03 | 2.01 | 2.51 | 0.50 | 28.16 | 4.53 | 5.03 | 0.50 | 0.50 | 1.51 | 50.28 |
| 10 | Majhra | 400 | 48.00 | 4.80 | 1.92 | 2.40 | 0.48 | 26.88 | 4.32 | 4.80 | 0.48 | 0.48 | 1.44 | 48.00 |
| 11 | Madhwapur | 15 | 1.80 | 0.18 | 0.07 | 0.09 | 0.02 | 1.01 | 0.16 | 0.18 | 0.02 | 0.02 | 0.05 | 1.80 |
| | TOTAL | **3500** | **420** | **42** | **16.8** | **21** | **4.2** | **235.2** | **37.8** | **42** | **4.2** | **4.2** | **12.6** | **420** |

| YEAR WISE FINANCIAL BREAK UP OF INST. & CAP. BULDG. PROGRAMME OF IWMP-II, DISTRICT-BAHRAICH | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Amount in Lacs | |
| S. No. | Microwatershed | Project Area | Sanctioned Amount | Institutional & Capacity Building 5% of the Total Project Cost | | | | |
| | | | | 2009-10 | 2010-11 | 2011-12 | 212-13 | Total |
| 1 | Somai Gauri | 617 | 3.70 | 2.22 | 0.56 | 0.56 | 0.37 | 3.70 |
| 2 | Girgitti | 100 | 0.60 | 0.36 | 0.09 | 0.09 | 0.06 | 0.60 |
| 3 | Jalim nagar | 215 | 1.29 | 0.77 | 0.19 | 0.19 | 0.13 | 1.29 |
| 4 | Mangauria | 68 | 0.41 | 0.24 | 0.06 | 0.06 | 0.04 | 0.41 |
| 5 | Pairua | 441 | 2.65 | 1.59 | 0.40 | 0.40 | 0.26 | 2.65 |
| 6 | Goorh | 570 | 3.42 | 2.05 | 0.51 | 0.51 | 0.34 | 3.42 |
| 7 | Jhala | 66 | 0.40 | 0.24 | 0.06 | 0.06 | 0.04 | 0.40 |
| 8 | Naubana | 589 | 3.53 | 2.12 | 0.53 | 0.53 | 0.35 | 3.53 |
| 9 | Urra | 419 | 2.51 | 1.51 | 0.38 | 0.38 | 0.25 | 2.51 |
| 10 | Majhra | 400 | 2.40 | 1.44 | 0.36 | 0.36 | 0.24 | 2.40 |
| 11 | Madhwapur | 15 | 0.09 | 0.05 | 0.01 | 0.01 | 0.01 | 0.09 |
| | **TOTAL** | **3,500.00** | **21.00** | **12.60** | **3.15** | **3.15** | **2.10** | **21.00** |

| YEAR WISE FINANCIAL BREAK UP OF LIVELIHOOD ACTIVITIES IWMP-II, DISTRICT-BAHARAICH | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Amount in Lacs | |
| S. No. | Name of Gram Panchayat | Project Area | Sanctioned Amount | Livelihood 9% of the Project Cost | | | | |
| | | | | 2009-10 | 2010-11 | 2011-12 | 2012-13 | TOTAL |
| 1 | Somai Gauri | 617 | 6.66 | 0.74 | 1.85 | 1.85 | 2.22 | **6.66** |
| 2 | Girgitti | 100 | 1.08 | 0.12 | 0.30 | 0.30 | 0.36 | **1.08** |
| 3 | Jalim nagar | 215 | 2.32 | 0.26 | 0.65 | 0.65 | 0.77 | **2.32** |
| 4 | Mangauria | 68 | 0.73 | 0.08 | 0.20 | 0.20 | 0.24 | **0.73** |
| 5 | Pairua | 441 | 4.76 | 0.53 | 1.32 | 1.32 | 1.59 | **4.76** |
| 6 | Goorh | 570 | 6.16 | 0.68 | 1.71 | 1.71 | 2.05 | **6.16** |
| 7 | Jhala | 66 | 0.71 | 0.08 | 0.20 | 0.20 | 0.24 | **0.71** |
| 8 | Naubana | 589 | 6.36 | 0.71 | 1.77 | 1.77 | 2.12 | **6.36** |
| 9 | Urra | 419 | 4.53 | 0.50 | 1.26 | 1.26 | 1.51 | **4.53** |
| 10 | Majhra | 400 | 4.32 | 0.48 | 1.20 | 1.20 | 1.44 | **4.32** |
| 11 | Madhwapur | 15 | 0.16 | 0.02 | 0.05 | 0.05 | 0.05 | **0.16** |
| | **TOTAL** | **3500** | **37.8** | **4.2** | **10.5** | **10.5** | **12.6** | **37.8** |

| YEAR WISE FINANCIAL BREAK UP OF PRODUCTION & MICRO ENTERPRISES OF IWMP-II, DISTRICT-BAHRAICH | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | **Amount in Lacs** |
| **S. No.** | **Name of Gram Panchayat** | **Project Area** | **Sanctioned Amount** | **Production System & Mocro-enterprises 10% of the Project Cost** | | | | |
| | | | | **2009-10** | **2010-11** | **2011-12** | **2012-13** | **Total** |
| 1 | Somai Gauri | 617 | 7.40 | 0.74 | 1.85 | 1.85 | 2.96 | **7.40** |
| 2 | Girgitti | 100 | 1.20 | 0.12 | 0.30 | 0.30 | 0.48 | **1.20** |
| 3 | Jalim nagar | 215 | 2.58 | 0.26 | 0.65 | 0.65 | 1.03 | **2.58** |
| 4 | Mangauria | 68 | 0.82 | 0.08 | 0.20 | 0.20 | 0.33 | **0.82** |
| 5 | Pairua | 441 | 5.29 | 0.53 | 1.32 | 1.32 | 2.12 | **5.29** |
| 6 | Goorh | 570 | 6.84 | 0.68 | 1.71 | 1.71 | 2.74 | **6.84** |
| 7 | Jhala | 66 | 0.79 | 0.08 | 0.20 | 0.20 | 0.32 | **0.79** |
| 8 | Naubana | 589 | 7.07 | 0.71 | 1.77 | 1.77 | 2.83 | **7.07** |
| 9 | Urra | 419 | 5.03 | 0.50 | 1.26 | 1.26 | 2.01 | **5.03** |
| 10 | Majhra | 400 | 4.80 | 0.48 | 1.20 | 1.20 | 1.92 | **4.80** |
| 11 | Madhwapur | 15 | 0.18 | 0.02 | 0.05 | 0.05 | 0.07 | **0.18** |
| | **TOTAL** | **3500** | **42** | **4.2** | **10.5** | **10.5** | **16.8** | **42** |

| PROJECTWISE/YEARWISE FINANCIAL BREAK UP OF WORK COMPONENT OF IWMP-II, DISTRICT-BAHRAICH | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Amount in Lacs | |
| S. No. | Microwatershed | Project Area | Sanctioned Amount | Work Component 56% of Project Cost | | | | |
| | | | | 2009-10 | 2010-11 | 2011-12 | 2012-13 | Total |
| 1 | Somai Gauri | 617 | 41.46 | 5.55 | 12.11 | 11.85 | 11.96 | 41.46 |
| 2 | Girgitti | 100 | 6.72 | 0.90 | 1.96 | 1.92 | 1.94 | 6.72 |
| 3 | Jalim nagar | 215 | 14.45 | 1.94 | 4.22 | 4.13 | 4.17 | 14.45 |
| 4 | Mangauria | 68 | 4.57 | 0.61 | 1.33 | 1.31 | 1.32 | 4.57 |
| 5 | Pairua | 441 | 29.64 | 3.97 | 8.65 | 8.47 | 8.55 | 29.64 |
| 6 | Goorh | 570 | 38.30 | 5.13 | 11.18 | 10.94 | 11.05 | 38.30 |
| 7 | Jhala | 66 | 4.44 | 0.59 | 1.29 | 1.27 | 1.28 | 4.44 |
| 8 | Naubana | 589 | 39.58 | 5.30 | 11.56 | 11.31 | 11.41 | 39.58 |
| 9 | Urra | 419 | 28.16 | 3.77 | 8.22 | 8.04 | 8.12 | 28.16 |
| 10 | Majhra | 400 | 26.88 | 3.60 | 7.85 | 7.68 | 7.75 | 26.88 |
| 11 | Madhwapur | 15 | 1.01 | 0.14 | 0.29 | 0.29 | 0.29 | 1.01 |
| | **TOTAL** | **3500** | **235.2** | **31.5** | **68.67** | **67.2** | **67.83** | **235.2** |

# CHAPTER-7

# CONSOLIDATION AND WITHDRAWAL STRATEGY

## 7.1 Quality and Sustainability Issues

### 7.1.1 Plans for Monitoring and Evaluation

A Web-based GIS System is being developed for monitoring and evaluating the project in its planning & implementation phases. The system would be available on a public domain and can be accessed by all the stakeholders of the project. The system shows the entire state of Uttar Pradesh and all of those areas selected over the next 18 years. Filtering allows the user to zoom onto one particular project. Details related to soil type, Land-use classification, inhabitation etc., can be obtained village-wise. Furthermore, survey-number wise details related to ownership, irrigation source, yield etc., can also be accessed by the users of the system. This system is being used for pooling up the details obtained from the DPR. In other words, the DPR is made available online in the form of a database which will help the stakeholders know areas of importance viz., already treated areas/historical works in the area, proposed areas for treatment etc., for further treatment and planning. The system would also show the satellite imageries of various years from the project inception stage to the project closing stages. This allows the user to evaluate the effectiveness of the treatment and thereby plan corrective measures for the project area. The system would serve as an aiding tool to the planners and evaluators for judging the efficacy of the project.

Yet another component of the Web-based GIS system is the Mobile based Monitoring & Evaluation System, which will help the ground staff alias WDTs (Watershed Development Team) to transmit information from the ground level to the central server. Also, any higher-up official in charge of the project can obtain information regarding the project area on their mobile phone by means of an SMS. The system works in the following manner. The WDT equipped with a GPS instrument marks the latitude-longitude information of various treatment areas during the DPR. The probable sites are then transferred onto the central server. During the works phase, any progress in the treatment areas is reported to the server by means of an SMS by the WDT. Similarly, any nodal officer or higher-up official can view the progress in a project by means of summarized reports generated over frequent periods of time.

### 7.1.2 Plans for Project management:

The Project management of any watershed programme is very important. It mainly depends upon the community organization and the village level institutes in IWMP - Bahraich watershed committee and various user group have been formulated for post project operation and maintenance of assets created during project period. Major emphasis will be on equity and sustainable benefit of the project even after implementation stage. A proper link-up will be built during project period with various institutes and capacity building organization. They will act as a major kingpin during post implementation for scaling up the successful experience during project.

### 7.1.3 Watershed Development Fund:

The major source of financial assistance after post implementation period is watershed Development Fund. The contribution of it will comes mainly fund the following: Attention:

### 7.1.4 User Charges:

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

Community organizations will withdraw the money from the WDF to maintain the asset created during the implementation phase. The consolidation phase will also include

1 Writing of project completion report

2 Documentation of success stories

3 Making films, leaflets, bulletins and the lessons learnt.

4 Productivity enhancement (increase in total productivity, seed replecment, farm mechanization, resources use and operational efficiency.

1 Nutritional security (Production of diverse food commodities)

2 Risk minimization (Integrated farming system, water harvesting and protected cultivation, value addition and improved markenting)

3 State of environment (Improvement in vegetative comver, hydrology and adoption of IPNM)

4 Profitability (Loss preventing and cost reducing measures, valu addition and agro-processing.)

5 Livelihood security (skill enhancement capacity building, increased employment in agriculture and allied enterprises. Reduction in drudgery of farm women and out migration)

**CHAPTER – 8**

# EXPECTED OUTCOMES

## 8.1 Sustainability and environment security

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

## 8.2 Economic Analysis

Economic analysis of the project was carried by taking direct benefits and costs considering 25 years project life at 10 per cent discount rate. For this purpose of economic analysis, whole watershed development plan was divided into three sector namely, agriculture, horticulture and forest/Fuel wood plantation. Net Present Value (NPV), Benefit Cost ratio ( BC ratio) criteria were employed to judge the economic efficiency of each enterprise and sector.

### 8.2.1 Employment

Employment has always been a problem in the village. The principal occupations of the people are dry land agriculture, animal husbandry and casual labour work. However, rain fall being very limited and erratic, agriculture suffers, i.e. at best they can take only a single crop, which keeps them partially engaged for about 4 months. Lack of fodder makes animal husbandry very difficult too. So, animal husbandry does not keep them engaged full time. Thus the people mainly depend upon casual labour, either in the village itself or outside it.

The project plans for creation of both wage employment and self employment opportunities. Wage employment would be created by engaging people in watershed physical works like construction of earthen bunds, farm bunds, village pond, plantation, etc. Self employment would be created by providing the people with cash support in the form of direct livelihood activities like agriculture, animal husbandry and enterprise development.

# TABLE NO. 56: EMPLOYMENT IN PROJECT AREA

| S. No.. | Names of Project | Wage employment | | | | | | | | | | Self employment | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of mandays | | | | | No. of beneficiaries | | | | | No. of beneficiaries | | | | |
| | | SC | ST | Others | Women | **Total** | SC | ST | Others | Women | **Total** | SC | ST | Others | Women | **Total** |
| 01 | **IWMP-II** | 95462 | - | 123827 | 12378 | **231667** | 1078 | - | 3876 | - | **4954** | 246 | - | 441 | 205 | **892** |

## 8.2.2. MIGRATION

Low rainfall results in a little fodder availability in the locality. The relatively well off farmers bring fodder from adjusent area and Lucknow (approximately 170 kms away) collectively; but the resource poor cannot afford it. On account of agriculture and animal husbandry providing only part time employment for some part of the year, the people migrate for a better half of the year for wage labour.

Employment opportunities in the local area as mentioned above will ensure lessening seasonal migration from the area.

## TABLE NO. 57: DETAILS OF SEASONAL MIGRATION FROM PROJECT AREA

| Sl. No. | Names of villages | No. of persons migrating | | No. of days per year of migration | |
|---|---|---|---|---|---|
| | | Pre-project | Expected post project | Pre-project | Expected post project |
| 01 | IWMP-IInd | 755 | 237 | 185.00 | 60.00 |

## 8.2.3 GROUND WATER

Rainfall has been scanty but demand for ground water has been increasing all the time. The ground water table thus has depleted over the years. Presently it stands at 5-6.25 m.

Proper water harvesting structures and percolation tanks would go a long way in increasing water table depth from 5- 6.25 m. in the pre-project level to 4.5 m in the post project period.

**Table.- 58: Source of Income.**

| S.No. | GP NAME | Income sources/ no. of family | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Agriculture | Labour | Pri. Sector Service | Govt. sector Service | Shop | Land less labour | other |
| **1** | 1.Somai gauri | 162 | 78 | 06 | 08 | 04 | 04 | **-** |
| **2** | 2.Bakhtwar gauri | 14 | 06 | - | - | - | - | **-** |
| **3** | 3.Pairua | 78 | 122 | 05 | 06 | 05 | 29 | **-** |
| **4** | 4.Jalim nagar | 24 | 28 | 02 | 02 | 12 | 39 | **-** |
| **5** | 5.Urra | 163 | 183 | 08 | 12 | 42 | 43 | **-** |
| **6** | 6.Mangauri | 26 | 32 | 06 | 04 | 03 | 06 | **-** |
| **7** | 7.Jhala | 28 | 46 | 03 | 02 | 04 | - | **-** |
| **8** | 8.Naubana | 112 | 272 | 12 | 07 | 05 | 02 | **-** |
| **9** | 9.Goorh | 132 | 146 | 06 | 03 | 32 | 02 | **-** |
| **10** | 10. Majhra | 74 | 112 | 03 | 02 | 03 | 04 | **-** |
| **11** | 11.Girgitti | 28 | 32 | 01 | - | 01 | 02 | |
| **12** | 12 Madhwapur | 06 | 04 | - | - | - | - | |

### 8.3 Agriculture

In rainfed agriculture, the development cost can be recovered within one year as the present rainfed agriculture is being done on well maintained field, therefore, does not require much investment. In irrigated agriculture, investment of Rs. 721.00 lacs is proposed to made. The BC ratio of this sector is 1.6 : 1 with in three years pay back period.

**Table 59 Economics of agriculture sector**

| S.No. | Sector | Area (ha) | BC ratio |
|---|---|---|---|
| 1 | Irrigated agriculture | 699.00 | 1.8:1 |
| 2 | Rainfed agriculture | 3361.00 | 1.4:1 |
| **3** | **Total** | **4060.00** | **1.6:1** |

## 8.4 Food sufficiency

Achieving self sufficiency in food production is one of the prime objectives of the project. The status of food requirement and production before and after the project is presented

**Table No.60: Status of food requirement and availability per annum in watershed**

| Sr. No. | Items | Requirement (q/yr) | Before project | | Proposed | |
|---|---|---|---|---|---|---|
| | | | Availability (q/yr) | Deficit or surplus (q/yr) | Availability (q/yr) | Deficit or surplus (q/yr) |
| 1 | Cereals | 42735 | 30400 | -12335 | 51969 | +9234 |
| 2 | Pulses | 6530 | 3700 | -2830 | 6880 | +350 |
| 3 | Oil seeds | 6636 | 3210 | -3426 | 7740 | +1104 |
| 4 | Vegetable | 690 | 830 | +140 | 980 | +290 |

### 8.5 Employment Generation

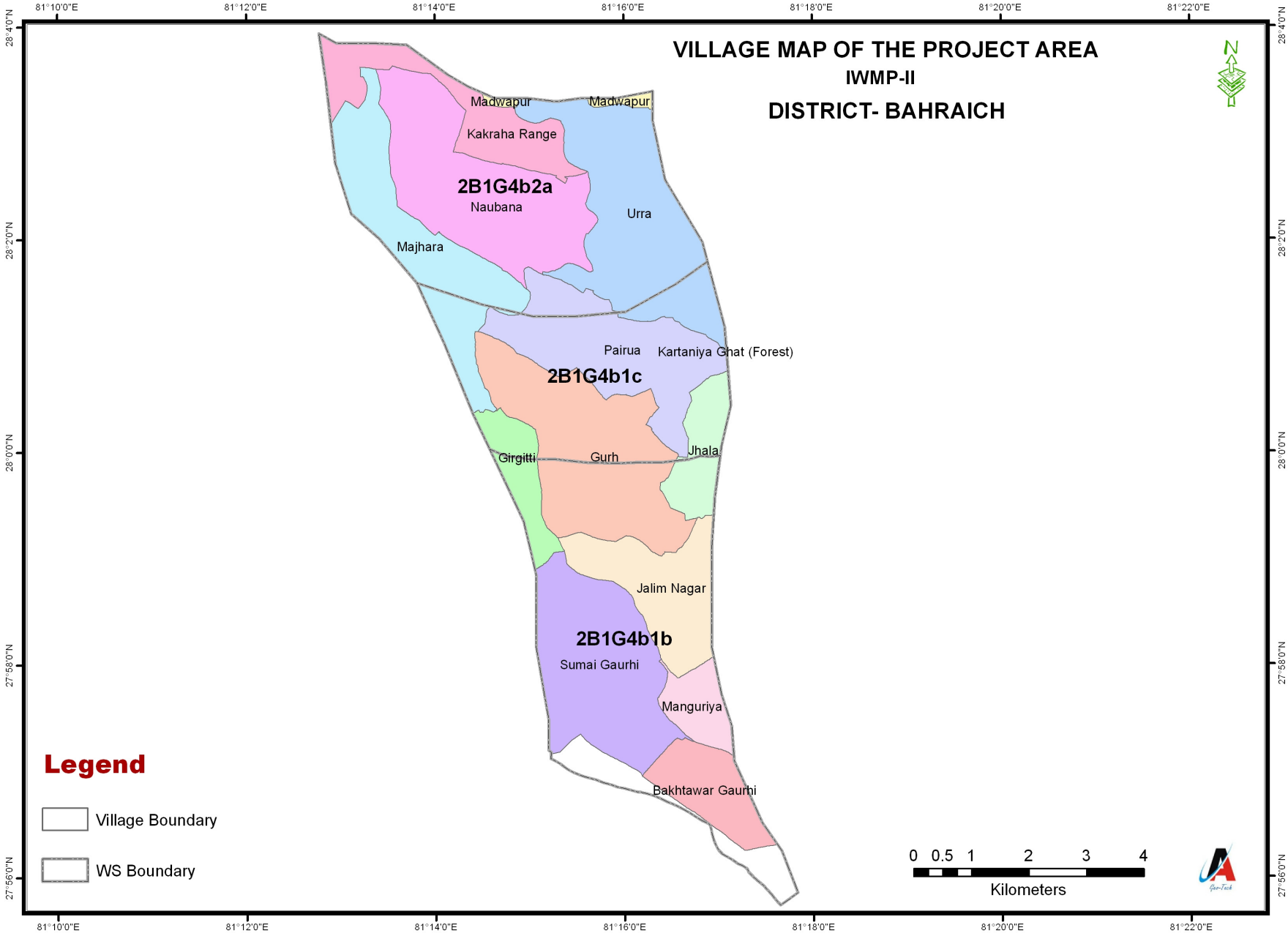
Labour migration in search of gainful employment is one of the major problems in the remote watershed in particular. Causal employment opportunities to the tune of more than 1.80 lacs will be generated during the implementation of the project activities. However, the changes in land use pattern and adoption of other subsidiary enterprises will generate employment opportunities for persons of 1.92 lacs in the watershed.

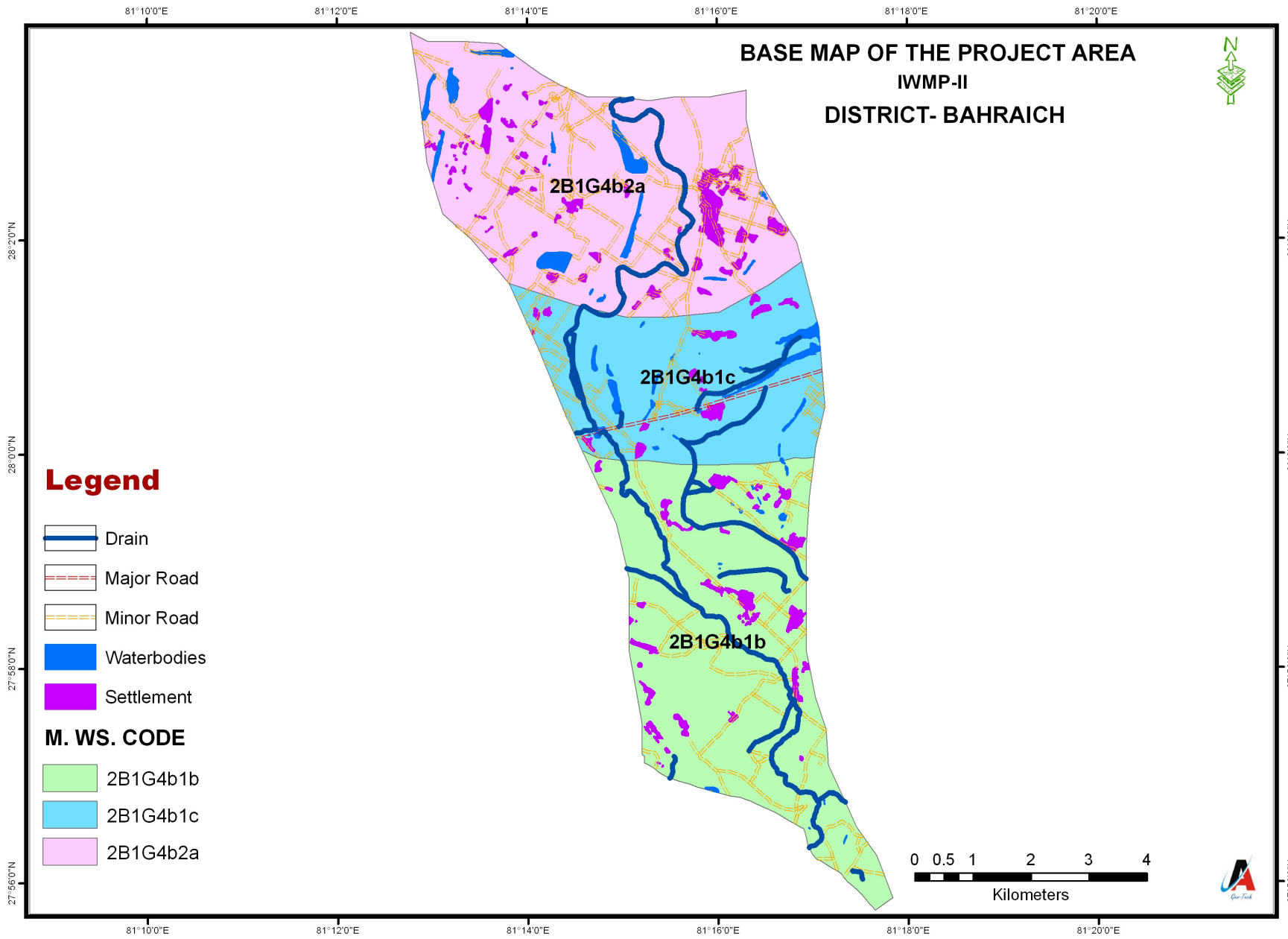
ANNEXURE

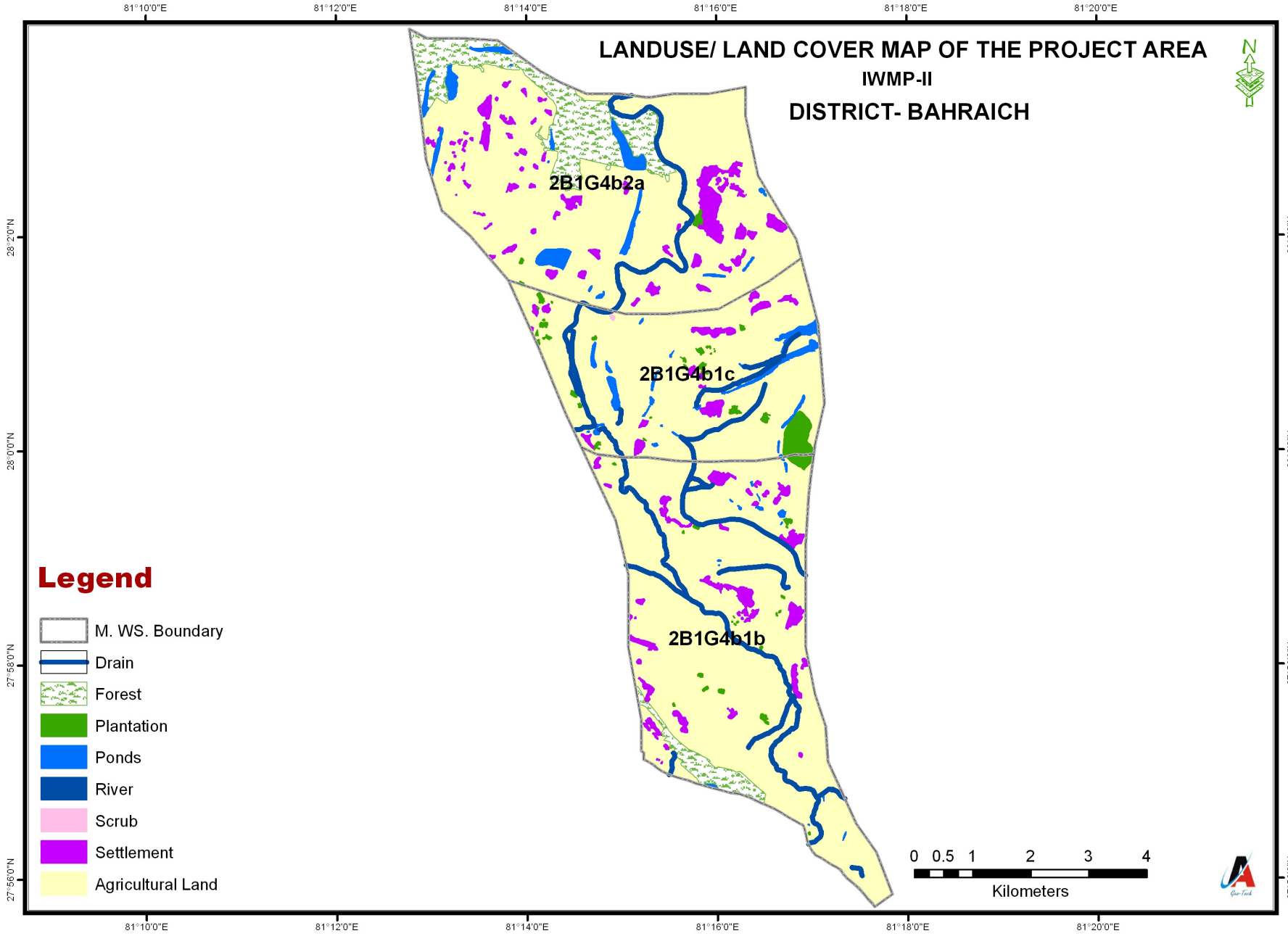
The information of a Gram panchayat/Microwatershed are given above as a model. All details are mentioned in project file of Individual Gram Panchayat that not included in this DPR.

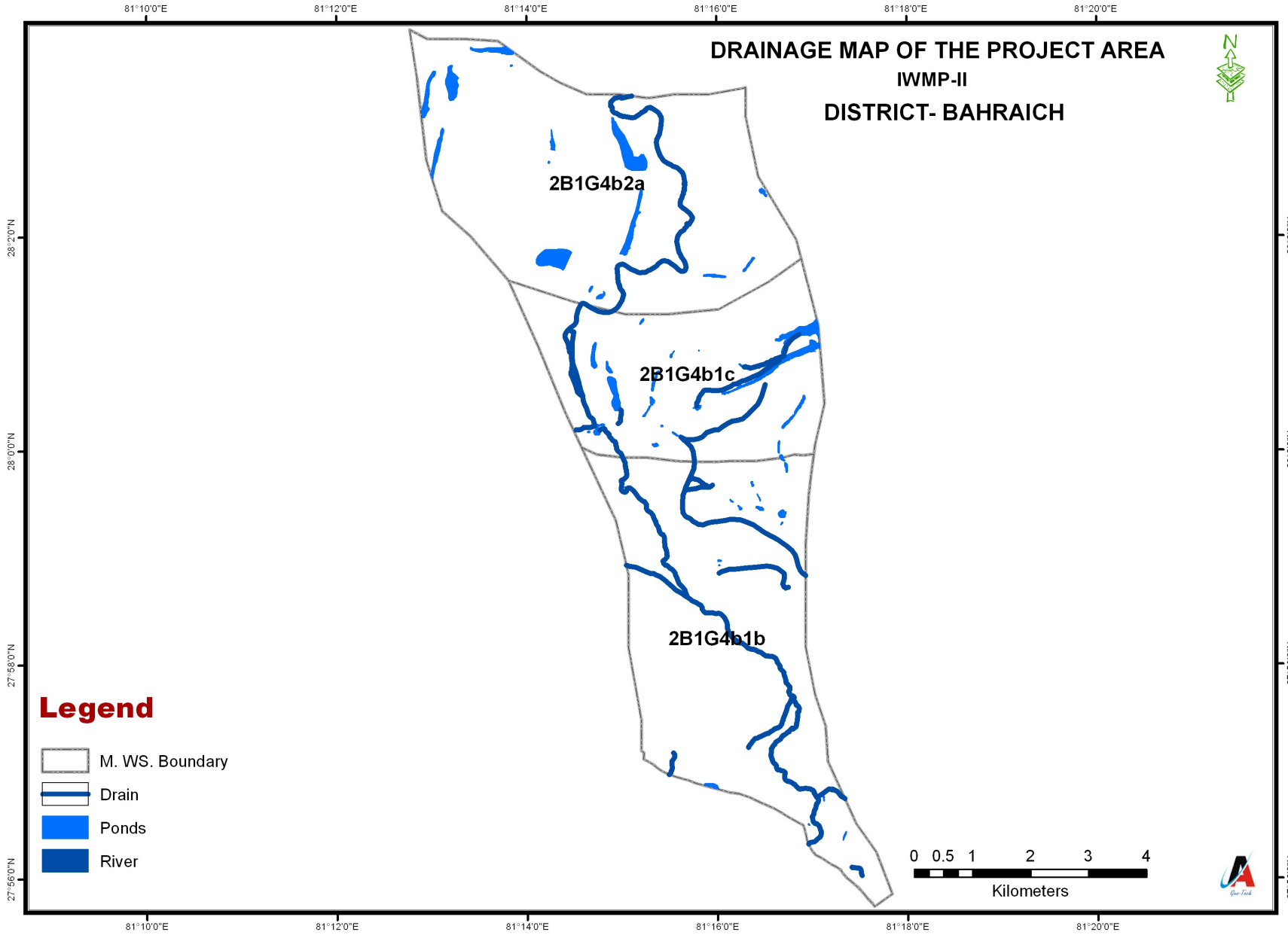
## CHAPTER – 9

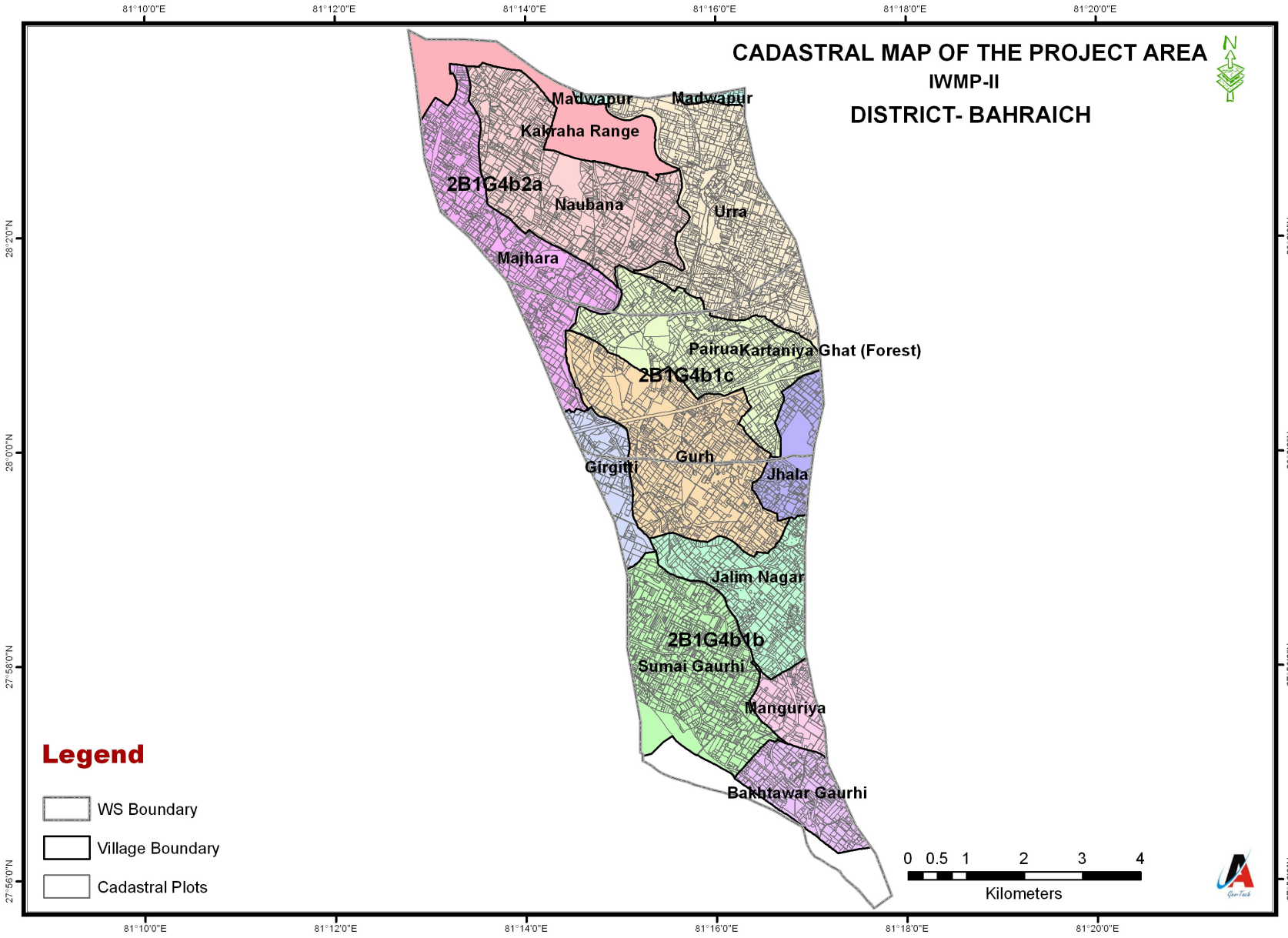
# MAPS

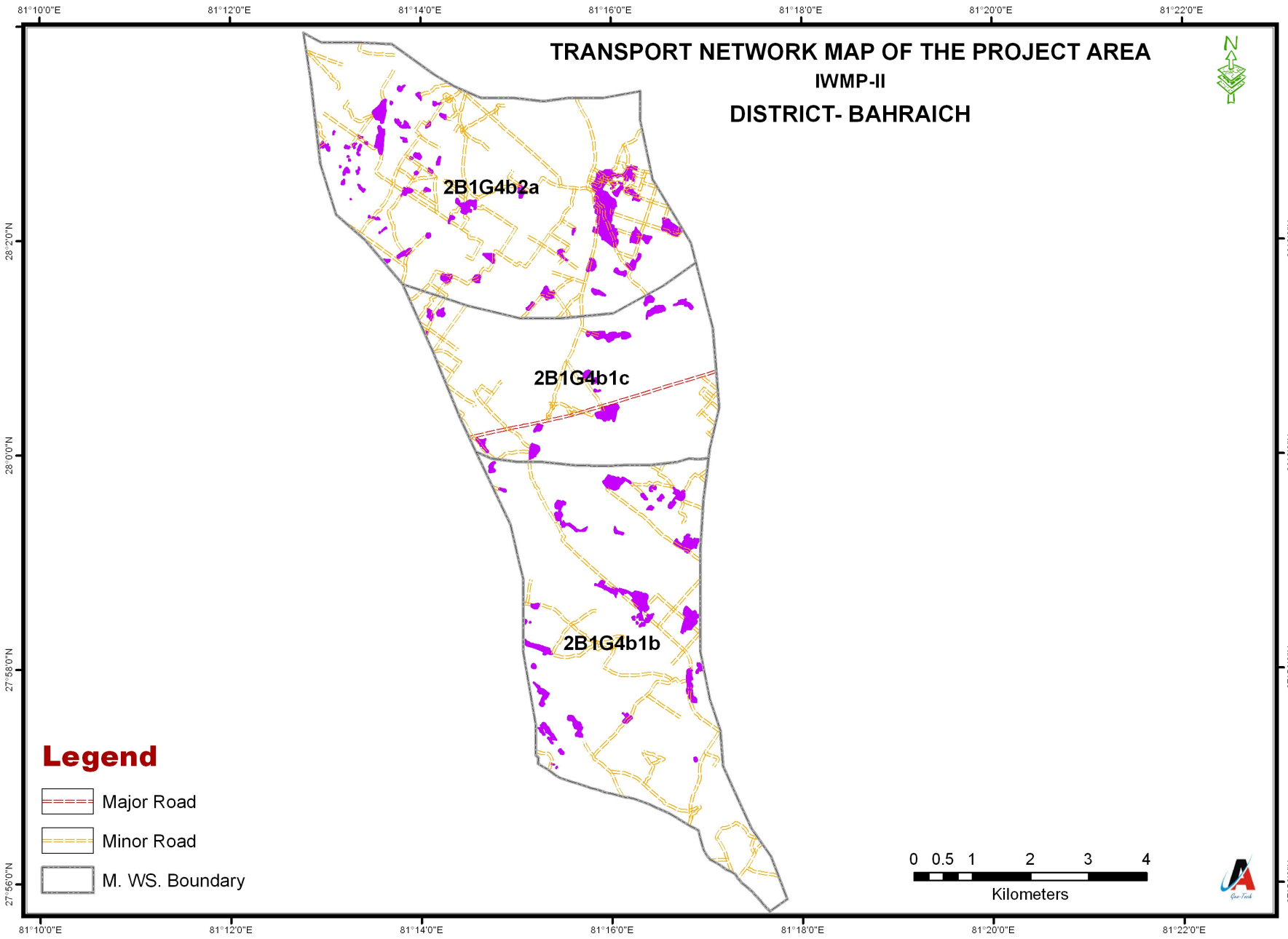

VILLAGE MAP OF THE PROJECT AREA
IWMP-II
DISTRICT- BAHRAICH
N
Madwapur
Madwapur
Kakraha Range
2B1G4b2a
Naubana
Urra
Majhara
Pairua
Kartaniya Ghat (Forest)
2B1G4b1c
Girgitti
Gurh
Jhala
Jalim Nagar
2B1G4b1b
Sumai Gaurhi
Manguriya
Bakhtawar Gaurhi
Legend
Village Boundary
WS Boundary
0 0.5 1 2 3 4
Kilometers
81°10'0"E
81°12'0"E
81°14'0"E
81°16'0"E
81°18'0"E
81°20'0"E
81°22'0"E
28°4'0"N
28°2'0"N
28°0'0"N
27°58'0"N
27°56'0"N

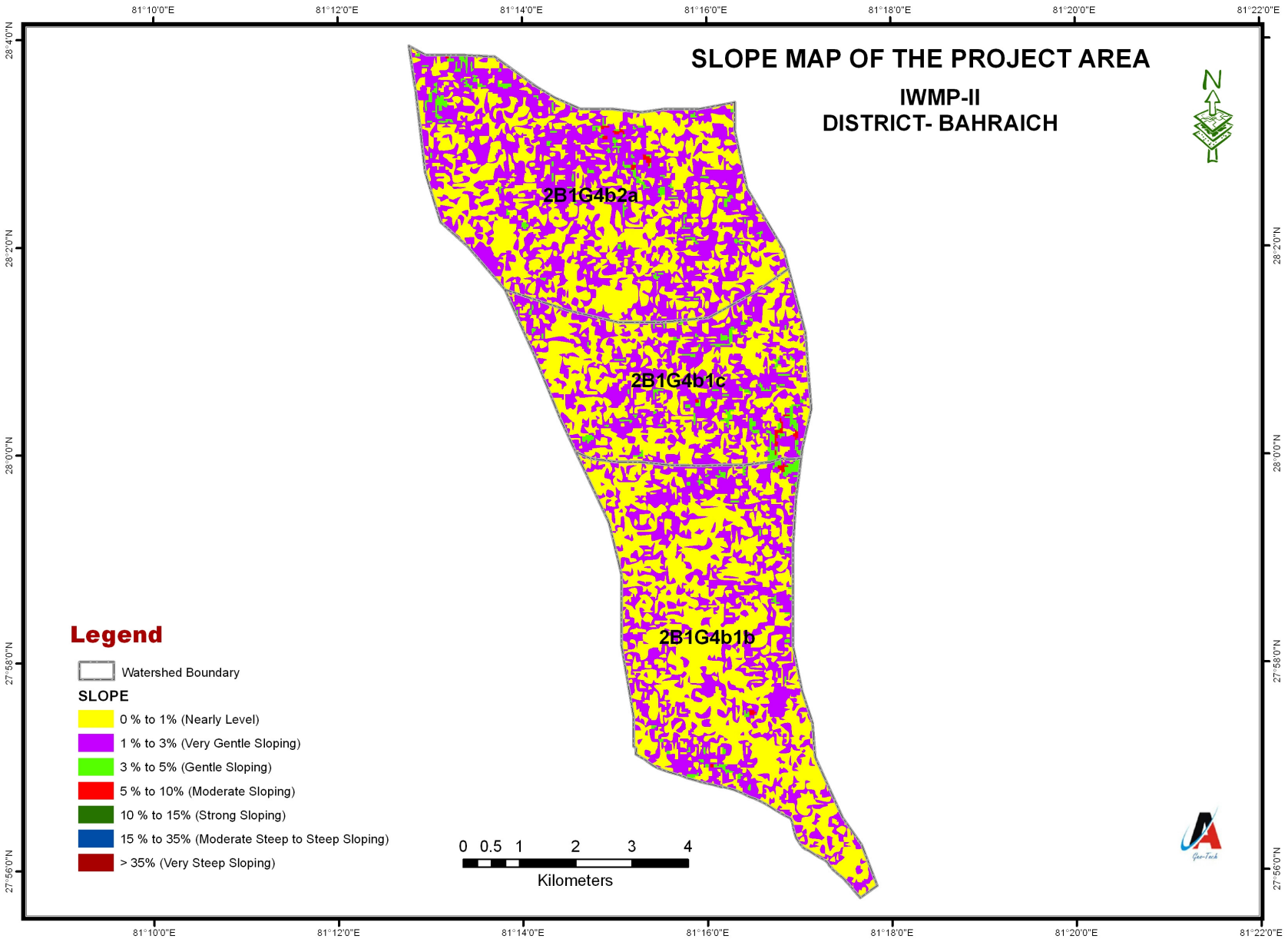

BASE MAP OF THE PROJECT AREA
IWMP-II
DISTRICT- BAHRAICH
N
2B1G4b2a
2B1G4b1c
2B1G4b1b
Legend
Drain
Major Road
Minor Road
Waterbodies
Settlement
M. WS. CODE
2B1G4b1b
2B1G4b1c
2B1G4b2a
0 0.5 1 2 3 4
Kilometers
81°10'0"E
81°12'0"E
81°14'0"E
81°16'0"E
81°18'0"E
81°20'0"E
28°2'0"N
28°0'0"N
27°58'0"N
27°56'0"N

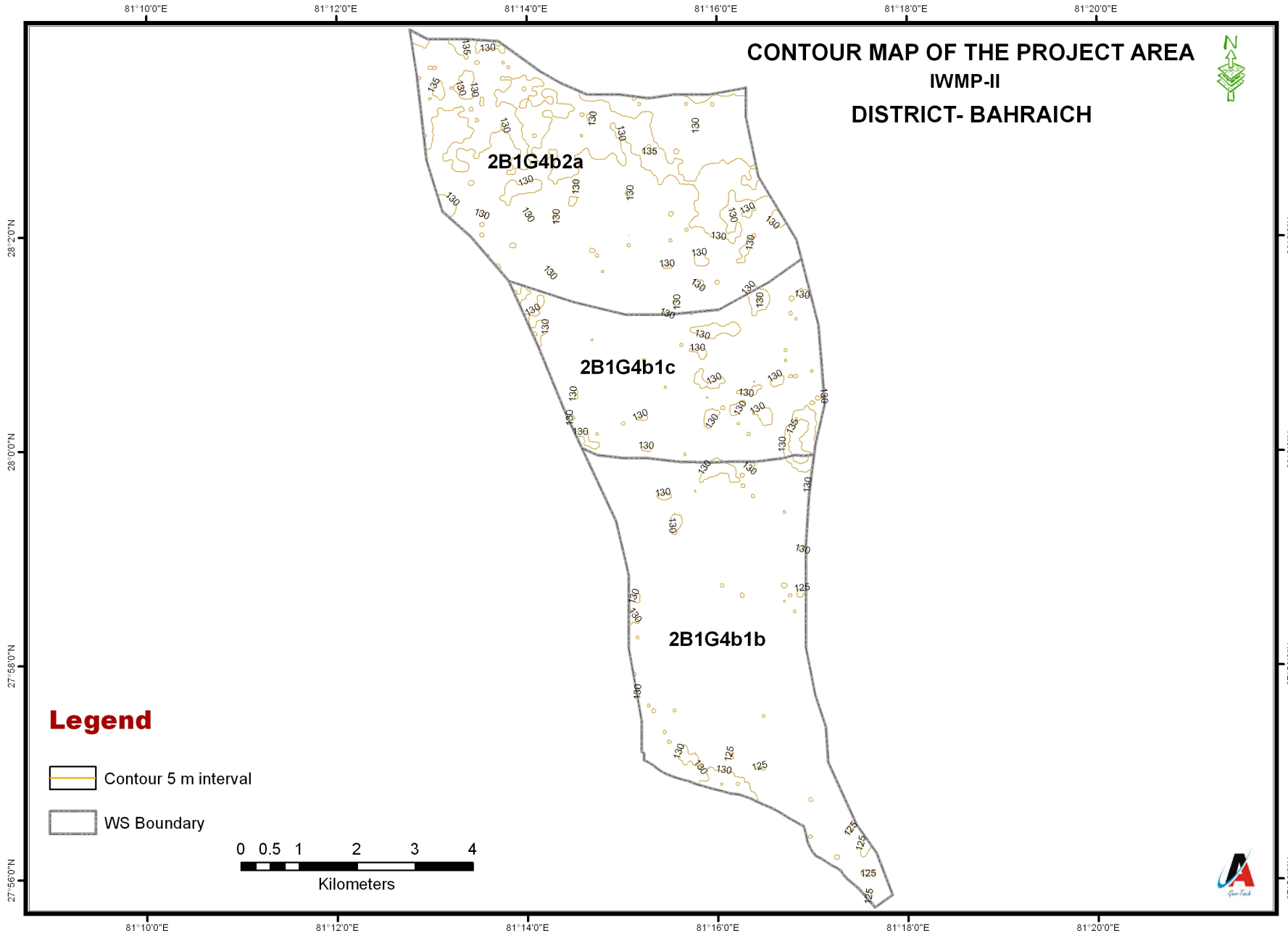

LANDUSE/ LAND COVER MAP OF THE PROJECT AREA
IWMP-II
DISTRICT- BAHRAICH
N
2B1G4b2a
2B1G4b1c
2B1G4b1b
Legend
M. WS. Boundary
Drain
Forest
Plantation
Ponds
River
Scrub
Settlement
Agricultural Land
0 0.5 1 2 3 4
Kilometers
81°10'0"E
81°12'0"E
81°14'0"E
81°16'0"E
81°18'0"E
81°20'0"E
28°2'0"N
28°0'0"N
27°58'0"N
27°56'0"N


DRAINAGE MAP OF THE PROJECT AREA
IWMP-II
DISTRICT- BAHRAICH
N
2B1G4b2a
2B1G4b1c
2B1G4b1b
Legend
M. WS. Boundary
Drain
Ponds
River
0 0.5 1 2 3 4
Kilometers
81°10'0"E
81°12'0"E
81°14'0"E
81°16'0"E
81°18'0"E
81°20'0"E
28°2'0"N
28°0'0"N
27°58'0"N
27°56'0"N


CADASTRAL MAP OF THE PROJECT AREA
IWMP-II
DISTRICT- BAHRAICH
N
81°10'0"E
81°12'0"E
81°14'0"E
81°16'0"E
81°18'0"E
81°20'0"E
28°2'0"N
28°0'0"N
27°58'0"N
27°56'0"N
Madwapur
Madwapur
Kakraha Range
2B1G4b2a
Naubana
Urra
Majhara
PairuaKartaniya Ghat (Forest)
2B1G4b1c
Girgitti
Gurh
Jhala
Jalim Nagar
2B1G4b1b
Sumai Gaurhi
Manguriya
Bakhtawar Gaurhi
Legend
WS Boundary
Village Boundary
Cadastral Plots
0 0.5 1 2 3 4
Kilometers

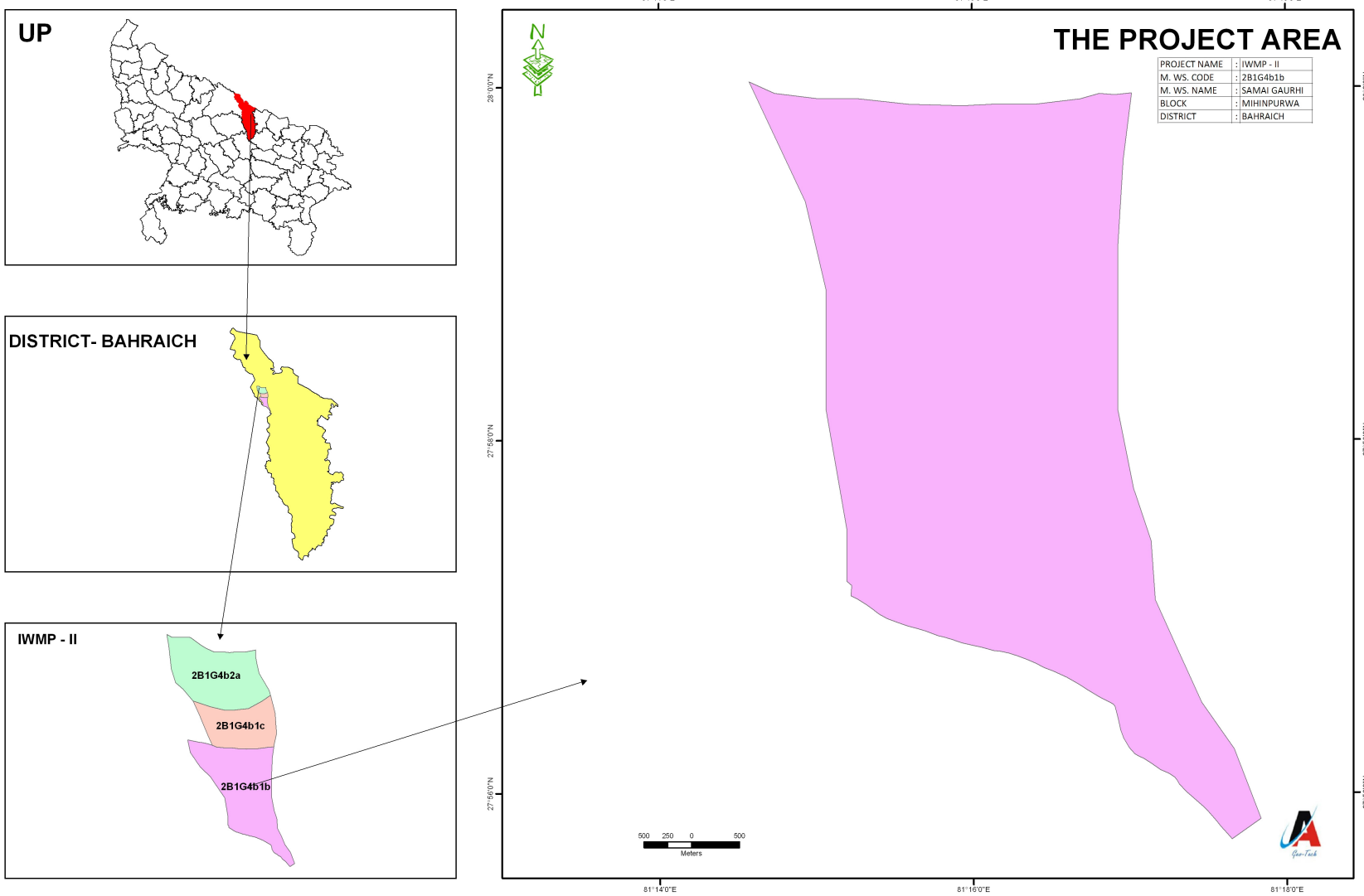

TRANSPORT NETWORK MAP OF THE PROJECT AREA
IWMP-II
DISTRICT- BAHRAICH
N
2B1G4b2a
2B1G4b1c
2B1G4b1b
Legend
Major Road
Minor Road
M. WS. Boundary
0 0.5 1 2 3 4
Kilometers
81°10'0"E
81°12'0"E
81°14'0"E
81°16'0"E
81°18'0"E
81°20'0"E
81°22'0"E
28°2'0"N
28°0'0"N
27°58'0"N
27°56'0"N

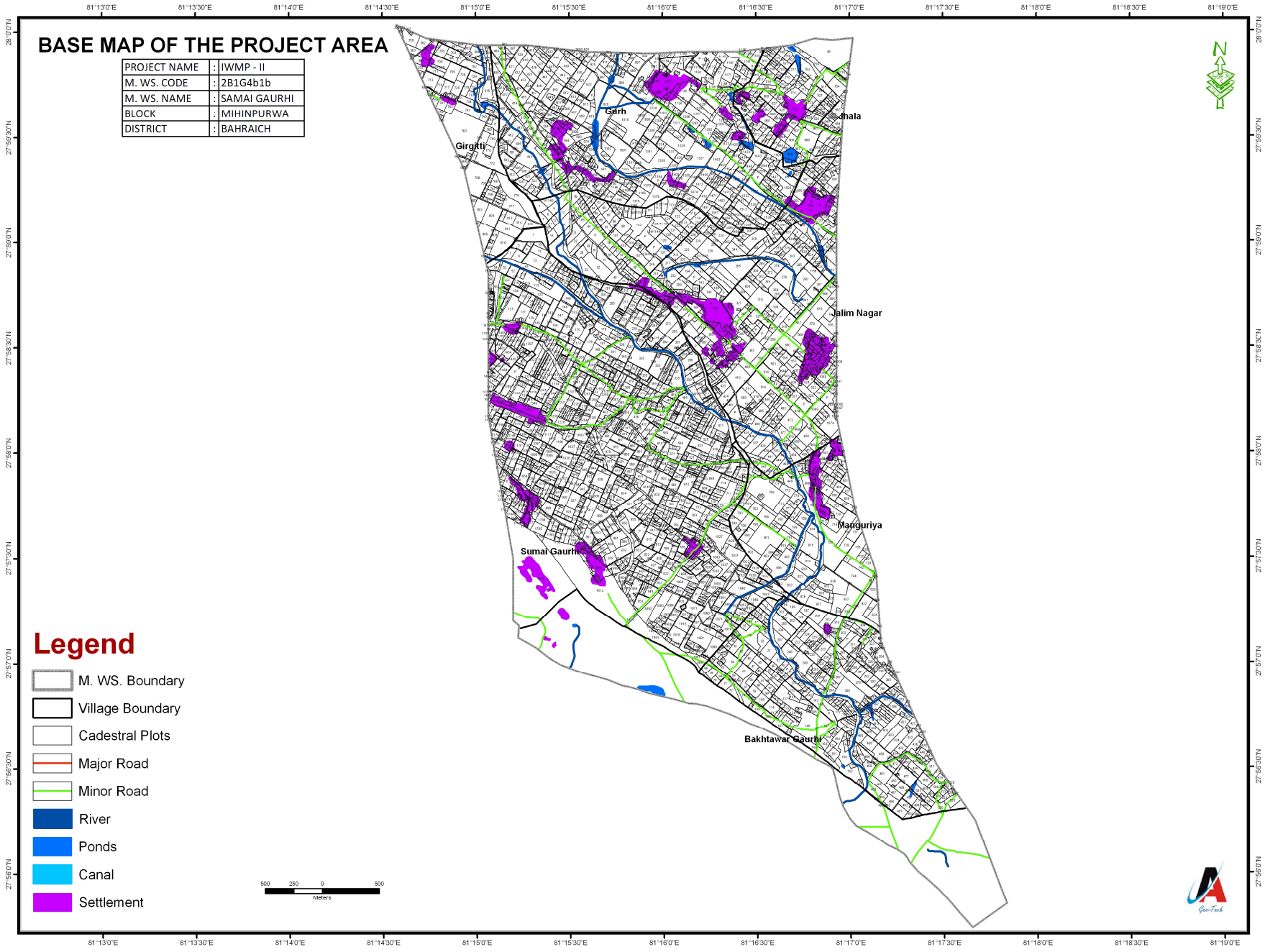

SLOPE MAP OF THE PROJECT AREA
IWMP-II
DISTRICT- BAHRAICH
N
2B1G4b2a
2B1G4b1c
2B1G4b1b
81°10'0"E
81°12'0"E
81°14'0"E
81°16'0"E
81°18'0"E
81°20'0"E
81°22'0"E
28°4'0"N
28°2'0"N
28°0'0"N
27°58'0"N
27°56'0"N
Legend
Watershed Boundary
SLOPE
0 % to 1% (Nearly Level)
1 % to 3% (Very Gentle Sloping)
3 % to 5% (Gentle Sloping)
5 % to 10% (Moderate Sloping)
10 % to 15% (Strong Sloping)
15 % to 35% (Moderate Steep to Steep Sloping)
> 35% (Very Steep Sloping)
0 0.5 1 2 3 4
Kilometers

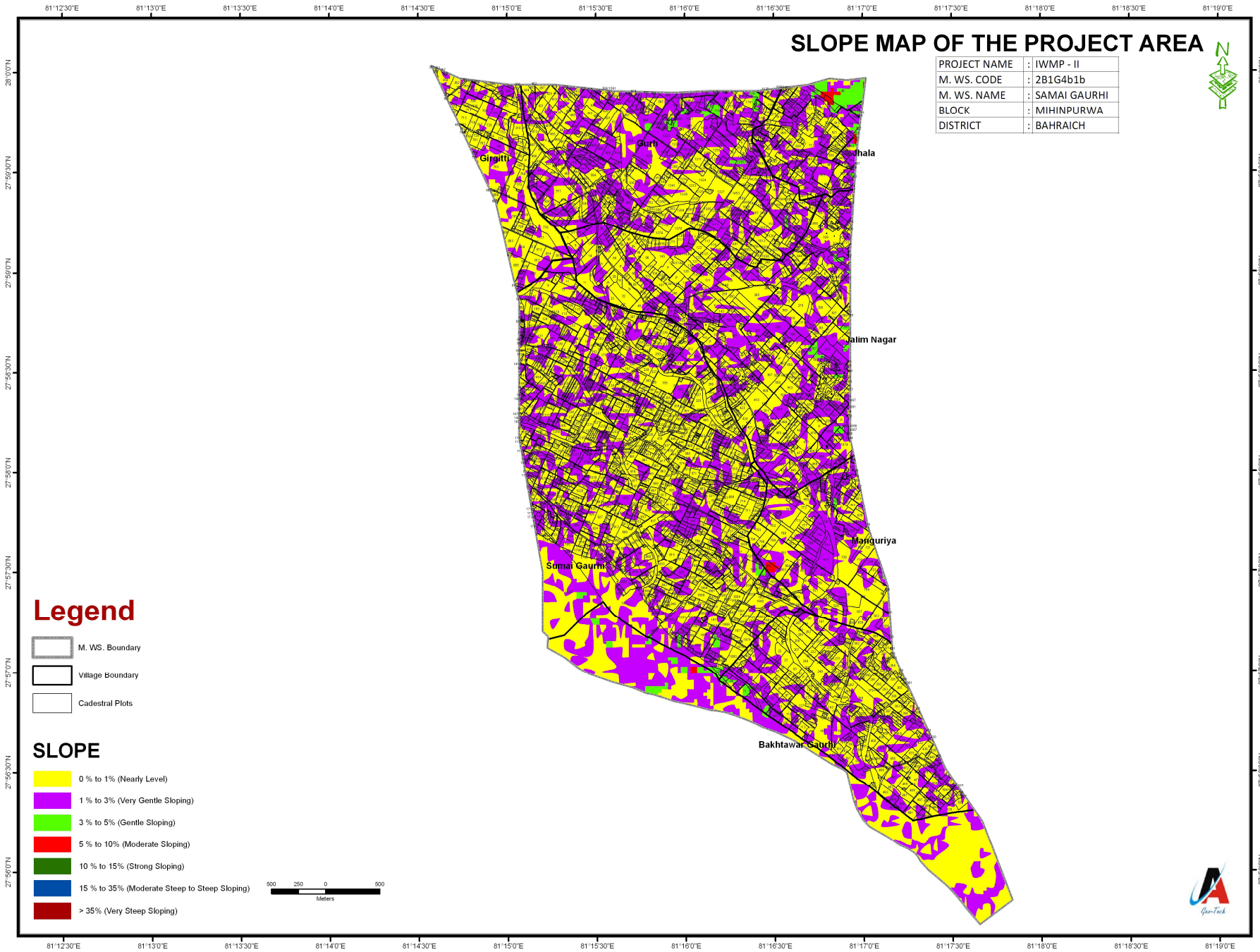

CONTOUR MAP OF THE PROJECT AREA
IWMP-II
DISTRICT- BAHRAICH
N
2B1G4b2a
2B1G4b1c
2B1G4b1b
81°10'0"E
81°12'0"E
81°14'0"E
81°16'0"E
81°18'0"E
81°20'0"E
28°2'0"N
28°0'0"N
27°58'0"N
27°56'0"N
Legend
Contour 5 m interval
WS Boundary
0 0.5 1 2 3 4
Kilometers

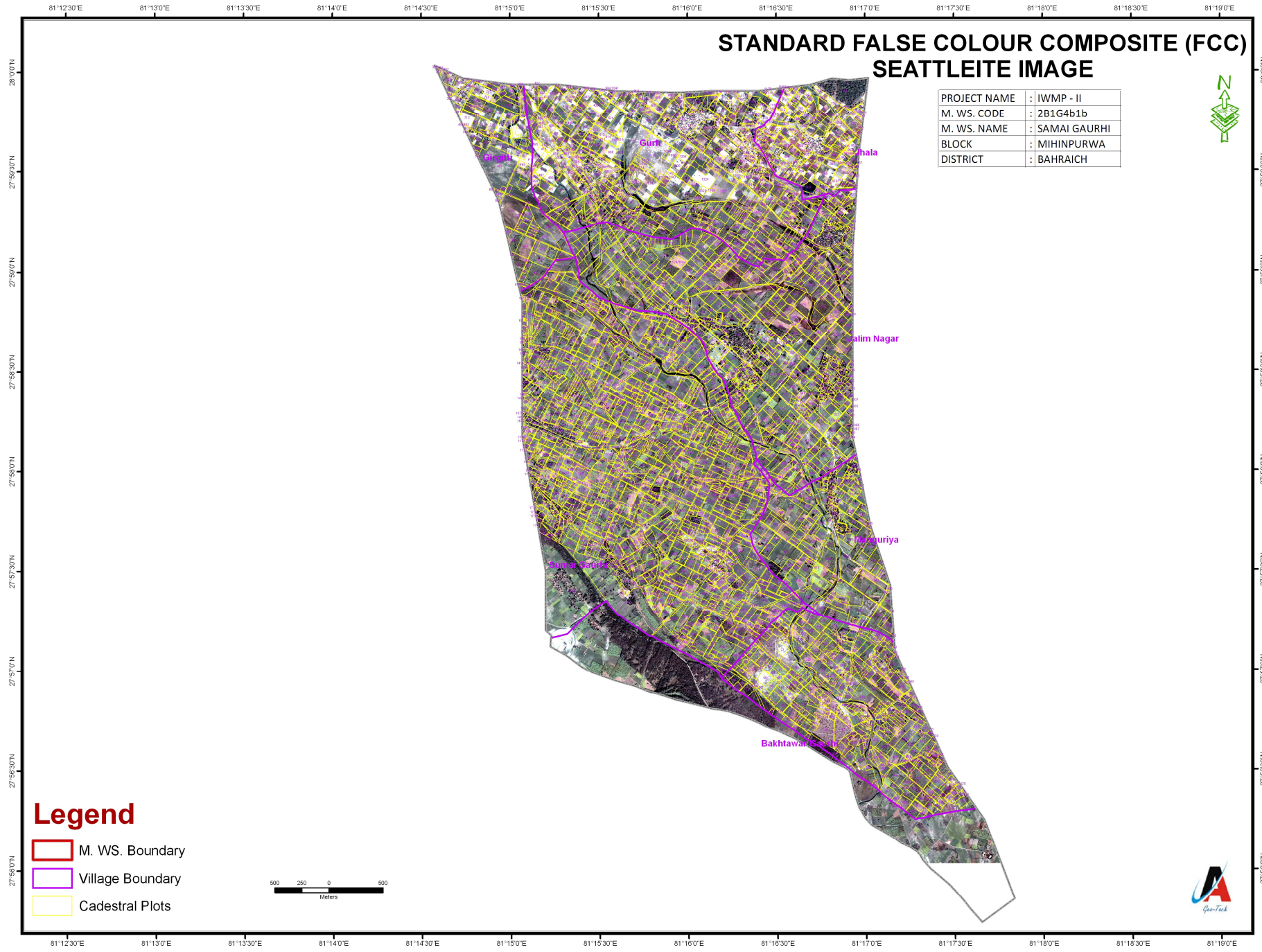
# LOCATION MAP OF THE PROJECT AREA

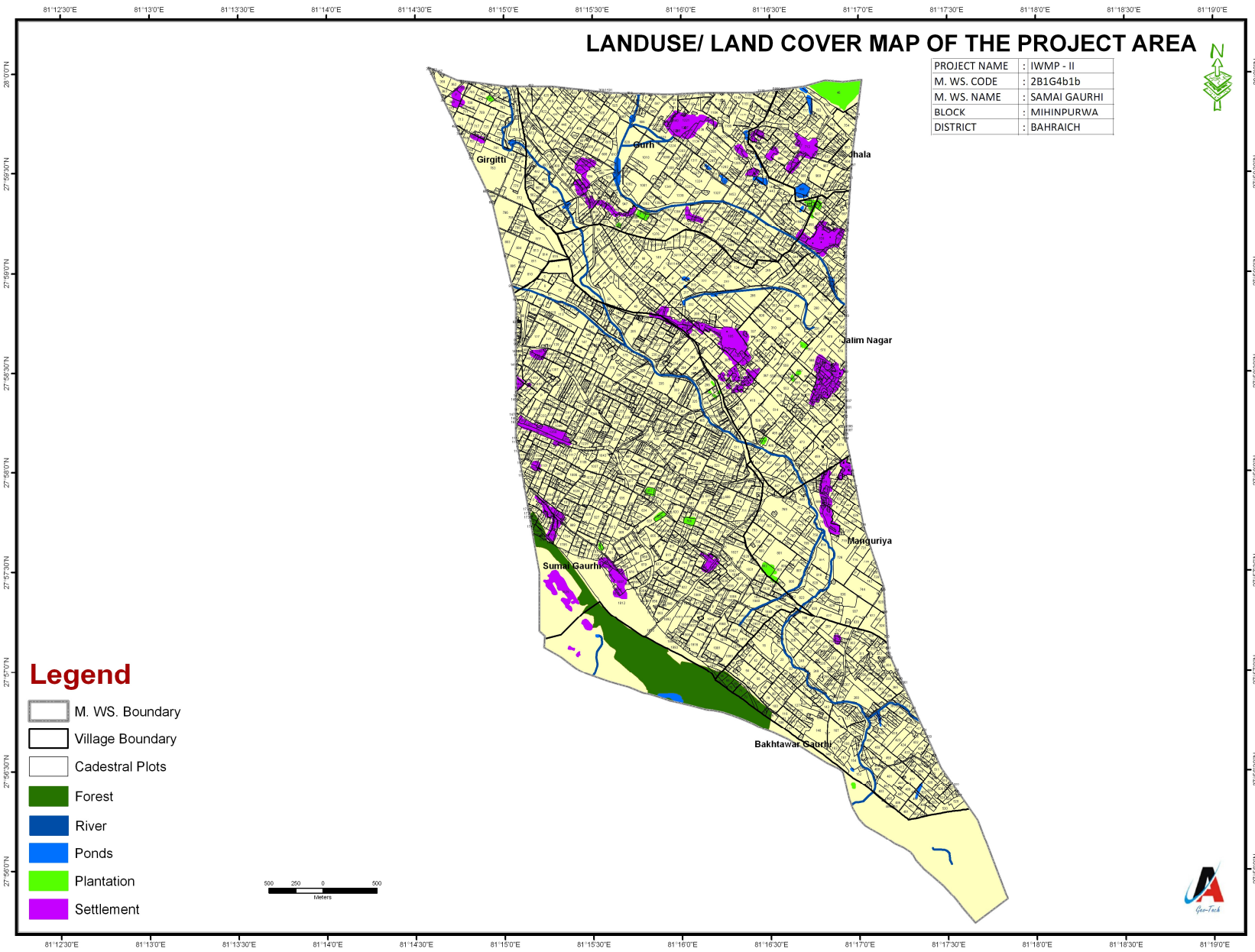
## DISTRICT - BAHRAICH




BASE MAP OF THE PROJECT AREA
PROJECT NAME : IWMP - II
M. WS. CODE : 2B1G4b1b
M. WS. NAME : SAMAI GAURHI
BLOCK : MIHINPURWA
DISTRICT : BAHRAICH
Girgitti
Garh
Jalim Nagar
Manguriya
Sumai Gaurhi
Bakhtawar Gaurhi
N
Legend
M. WS. Boundary
Village Boundary
Cadestral Plots
Major Road
Minor Road
River
Ponds
Canal
Settlement
500 250 0 500
Meters

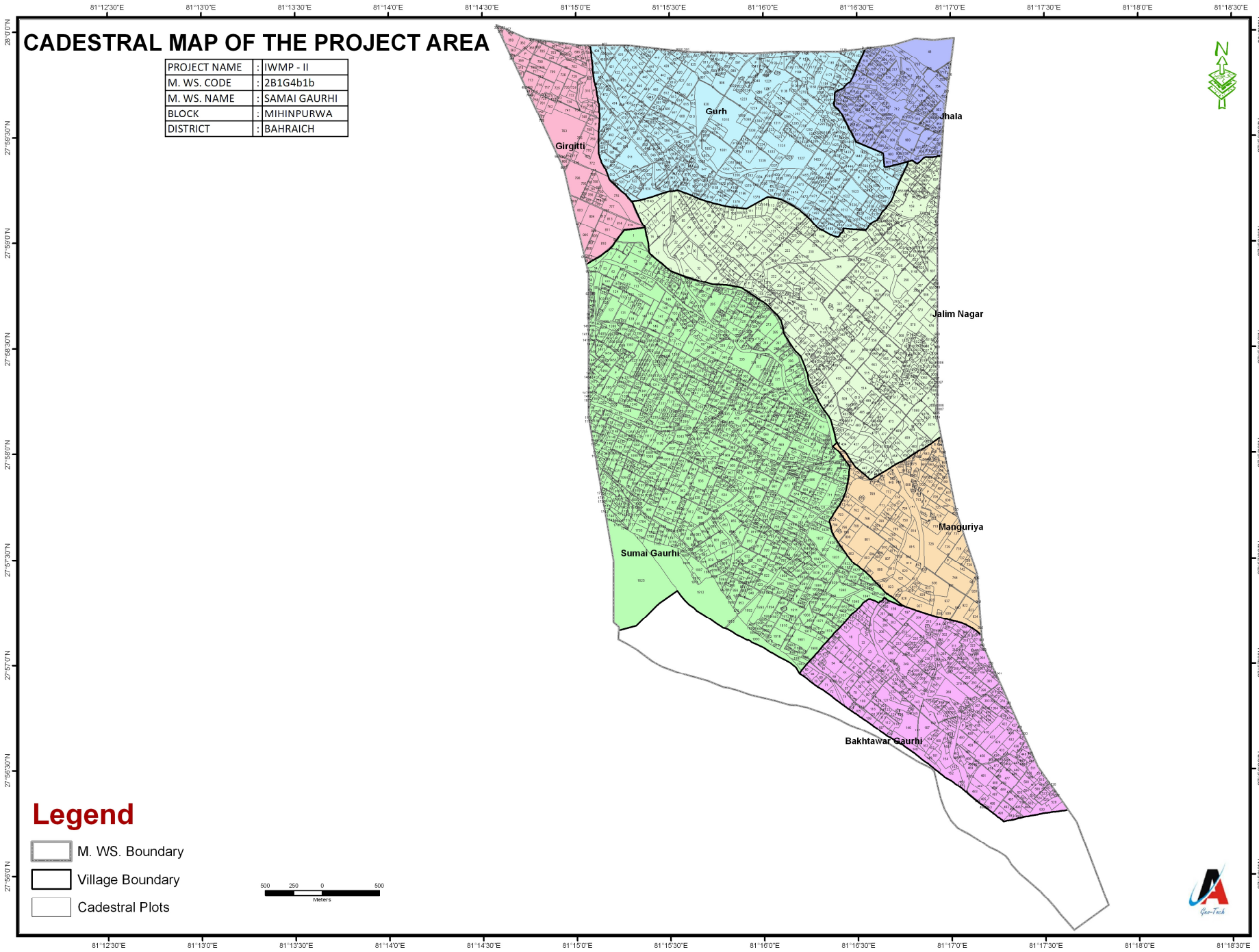

SLOPE MAP OF THE PROJECT AREA
PROJECT NAME : IWMP - II
M. WS. CODE : 2B1G4b1b
M. WS. NAME : SAMAI GAURHI
BLOCK : MIHINPURWA
DISTRICT : BAHRAICH
N
Girgitti
Gurh
Dalim Nagar
Manguriya
Sumai Gaurhi
Bakhtawar Gahdiy
Legend
M. WS. Boundary
Village Boundary
Cadestral Plots
SLOPE
0 % to 1% (Nearly Level)
1 % to 3% (Very Gentle Sloping)
3 % to 5% (Gentle Sloping)
5 % to 10% (Moderate Sloping)
10 % to 15% (Strong Sloping)
15 % to 35% (Moderate Steep to Steep Sloping)
> 35% (Very Steep Sloping)
500 250 0 500
Meters
81°12'30"E
81°13'0"E
81°13'30"E
81°14'0"E
81°14'30"E
81°15'0"E
81°15'30"E
81°16'0"E
81°16'30"E
81°17'0"E
81°17'30"E
81°18'0"E
81°18'30"E
81°19'0"E
28°0'0"N
27°59'30"N
27°59'0"N
27°58'30"N
27°58'0"N
27°57'30"N
27°57'0"N
27°56'30"N
27°56'0"N

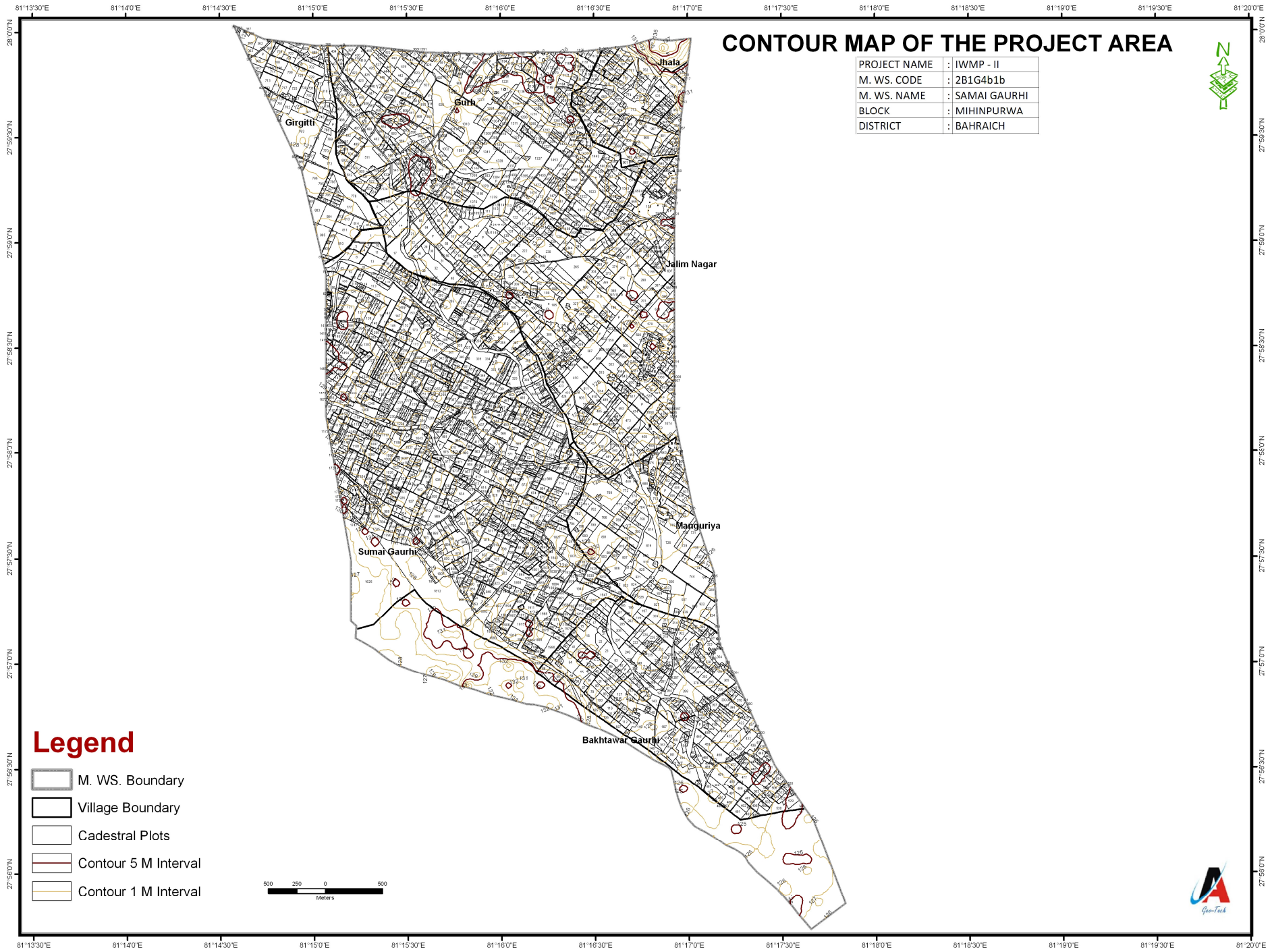

STANDARD FALSE COLOUR COMPOSITE (FCC)
SEATTLEITE IMAGE
PROJECT NAME : IWMP - II
M. WS. CODE : 2B1G4b1b
M. WS. NAME : SAMAI GAURHI
BLOCK : MIHINPURWA
DISTRICT : BAHRAICH
N
Legend
M. WS. Boundary
Village Boundary
Cadestral Plots
500 250 0 500
Meters
81°12'30"E
81°13'0"E
81°13'30"E
81°14'0"E
81°14'30"E
81°15'0"E
81°15'30"E
81°16'0"E
81°16'30"E
81°17'0"E
81°17'30"E
81°18'0"E
81°18'30"E
81°19'0"E
28°0'0"N
27°59'30"N
27°59'0"N
27°58'30"N
27°58'0"N
27°57'30"N
27°57'0"N
27°56'30"N
27°56'0"N

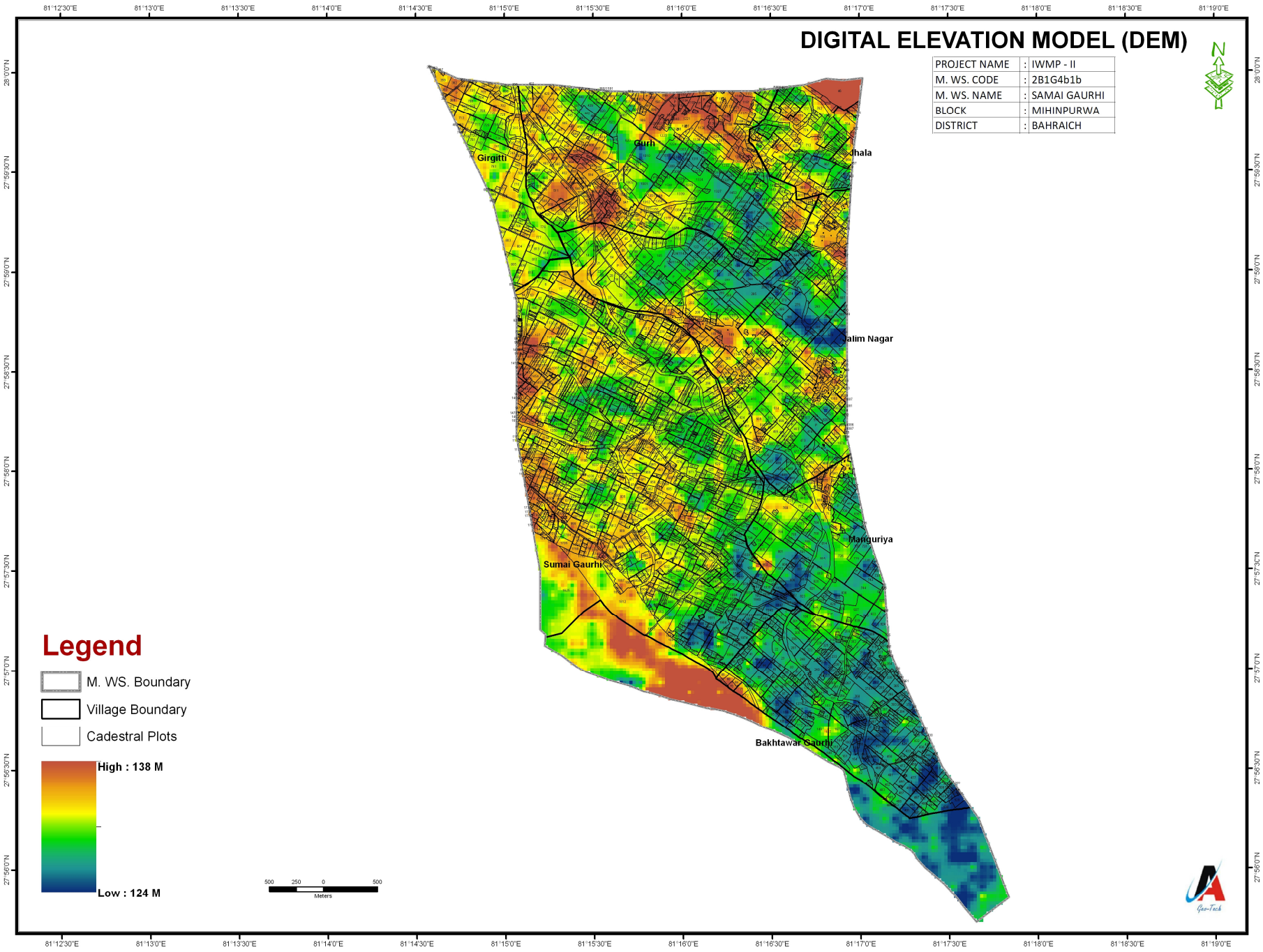

LANDUSE/ LAND COVER MAP OF THE PROJECT AREA
PROJECT NAME : IWMP - II
M. WS. CODE : 2B1G4b1b
M. WS. NAME : SAMAI GAURHI
BLOCK : MIHINPURWA
DISTRICT : BAHRAICH
N
Girgitti
Gurh
Jalim Nagar
Manguriya
Sumai Gaurhi
Bakhtawar Gaurhi
Legend
M. WS. Boundary
Village Boundary
Cadestral Plots
Forest
River
Ponds
Plantation
Settlement
500 250 0 500
Meters

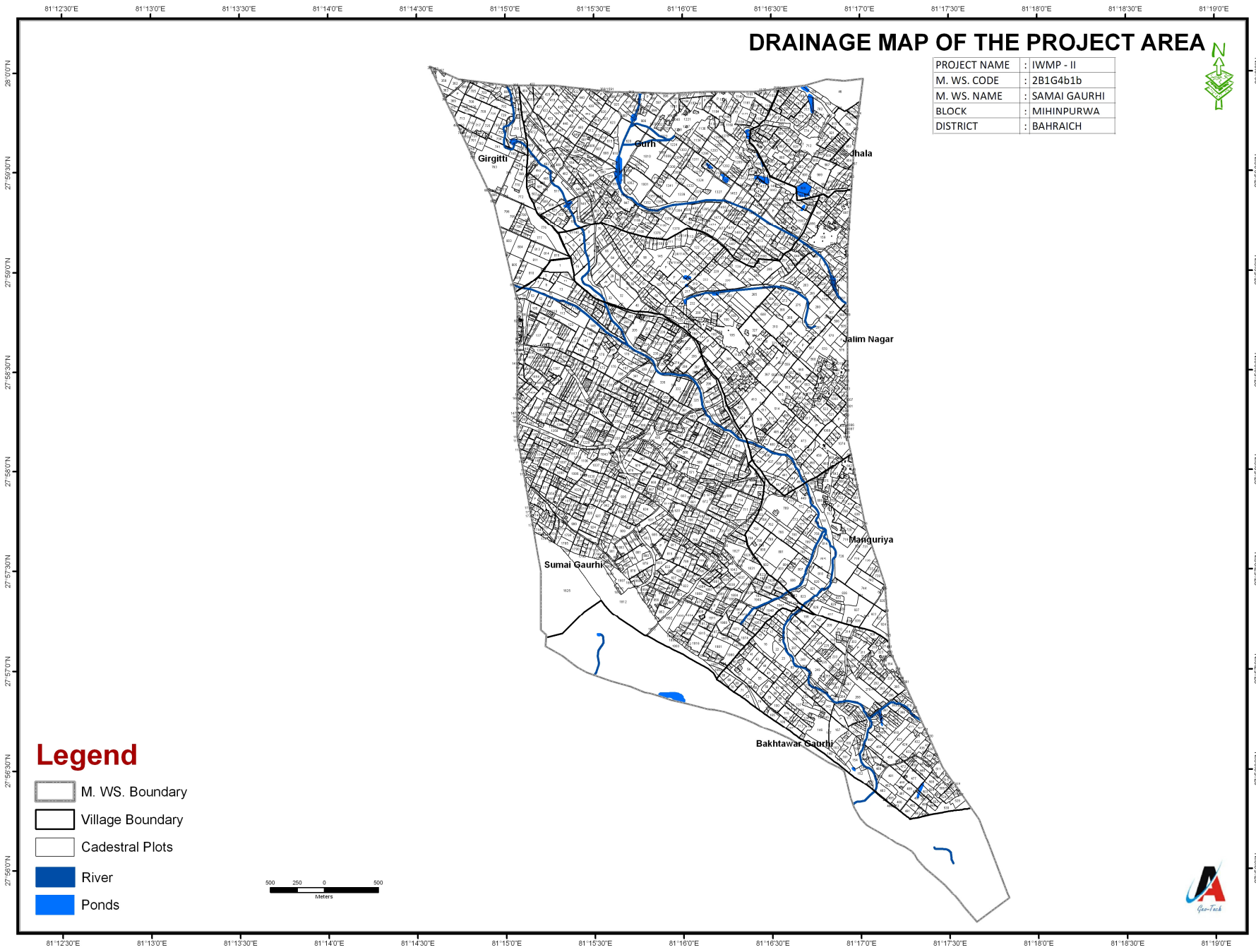
# CADESTRAL MAP OF THE PROJECT AREA

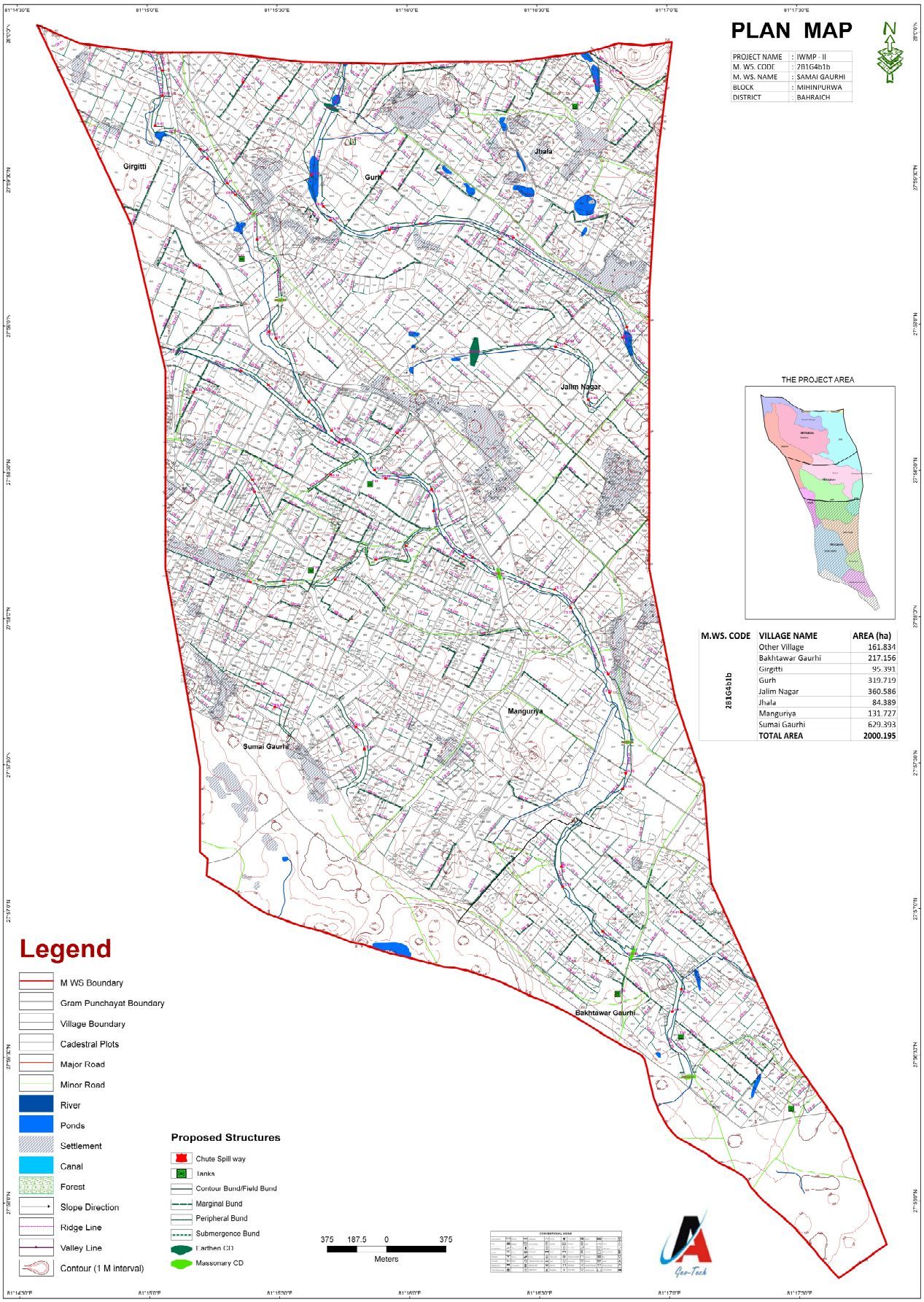
| | | |
|---|---|---|
| PROJECT NAME | : | IWMP - II |
| M. WS. CODE | : | 2B1G4b1b |
| M. WS. NAME | : | SAMAI GAURHI |
| BLOCK | : | MIHINPURWA |
| DISTRICT | : | BAHRAICH |




CONTOUR MAP OF THE PROJECT AREA
PROJECT NAME : IWMP - II
M. WS. CODE : 2B1G4b1b
M. WS. NAME : SAMAI GAURHI
BLOCK : MIHINPURWA
DISTRICT : BAHRAICH
Jhala
Gurh
Girgitti
Jalim Nagar
Manguriya
Sumai Gaurhi
Bakhtawar Gaurhi
Legend
M. WS. Boundary
Village Boundary
Cadestral Plots
Contour 5 M Interval
Contour 1 M Interval
500 250 0 500
Meters
81°13'30"E
81°14'0"E
81°14'30"E
81°15'0"E
81°15'30"E
81°16'0"E
81°16'30"E
81°17'0"E
81°17'30"E
81°18'0"E
81°18'30"E
81°19'0"E
81°19'30"E
81°20'0"E
28°0'0"N
27°59'30"N
27°59'0"N
27°58'30"N
27°58'0"N
27°57'30"N
27°57'0"N
27°56'30"N
27°56'0"N


DIGITAL ELEVATION MODEL (DEM)
PROJECT NAME : IWMP - II
M. WS. CODE : 2B1G4b1b
M. WS. NAME : SAMAI GAURHI
BLOCK : MIHINPURWA
DISTRICT : BAHRAICH
N
Girgitti
Gurh
Jalim Nagar
Manguriya
Sumai Gaurhi
Bakhtawar Gaurhi
Legend
M. WS. Boundary
Village Boundary
Cadestral Plots
High : 138 M
Low : 124 M
500 250 0 500
Meters
81°12'30"E
81°13'0"E
81°13'30"E
81°14'0"E
81°14'30"E
81°15'0"E
81°15'30"E
81°16'0"E
81°16'30"E
81°17'0"E
81°17'30"E
81°18'0"E
81°18'30"E
81°19'0"E
28°0'0"N
27°59'30"N
27°59'0"N
27°58'30"N
27°58'0"N
27°57'30"N
27°57'0"N
27°56'30"N
27°56'0"N


DRAINAGE MAP OF THE PROJECT AREA
PROJECT NAME : IWMP - II
M. WS. CODE : 2B1G4b1b
M. WS. NAME : SAMAI GAURHI
BLOCK : MIHINPURWA
DISTRICT : BAHRAICH
N
Girgitti
Gurhi
Jhala
Jalim Nagar
Manguriya
Sumai Gaurhi
Bakhtawar Gaurhi
Legend
M. WS. Boundary
Village Boundary
Cadestral Plots
River
Ponds
500 250 0 500
Meters
81°12'30"E
81°13'0"E
81°13'30"E
81°14'0"E
81°14'30"E
81°15'0"E
81°15'30"E
81°16'0"E
81°16'30"E
81°17'0"E
81°17'30"E
81°18'0"E
81°18'30"E
81°19'0"E
28°0'0"N
27°59'30"N
27°59'0"N
27°58'30"N
27°58'0"N
27°57'30"N
27°57'0"N
27°56'30"N
27°56'0"N


PLAN MAP
PROJECT NAME : IWMP - II
M. WS. CODE : 7B1G4b1b
M. WS. NAME : SAMAI GAURHI
BLOCK : MIHINPURWA
DISTRICT : BAHRAICH
N
Girgitti
Gurh
Jhala
Jalim Nagar
Manguriya
Sumai Gaurhi
Bakhtawar Gaurhi
THE PROJECT AREA
M.WS. CODE
VILLAGE NAME
AREA (ha)
7B1G4b1b
Other Village 161.834
Bakhtawar Gaurhi 217.156
Girgitti 95.391
Gurh 319.719
Jalim Nagar 360.586
Jhala 84.389
Manguriya 131.727
Sumai Gaurhi 629.393
TOTAL AREA 2000.195
Legend
M WS Boundary
Gram Punchayat Boundary
Village Boundary
Cadestral Plots
Major Road
Minor Road
River
Ponds
Settlement
Canal
Forest
Slope Direction
Ridge Line
Valley Line
Contour (1 M interval)
Proposed Structures
Chute Spill way
Tanks
Contour Bund/Field Bund
Marginal Bund
Peripheral Bund
Submergence Bund
Earthen CD
Massonary CD
375 187.5 0 375
Meters
Geo-Tech