

Government of Meghalaya



Detail Project Report

on

IWMP-V

under

Integrated Watershed Management Programme

2011-2012

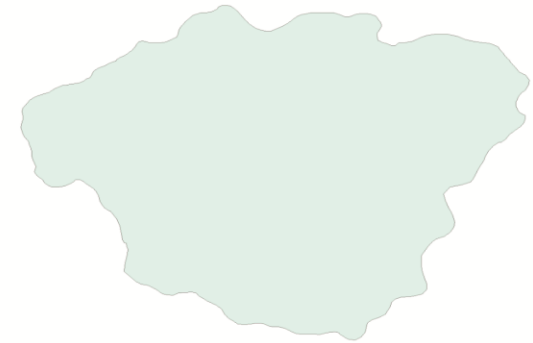
*Baghmara Soil & Water Conservation Cash Crop Division
South Baro Hills
Meghalaya*

Index Map of IWMP-V
South Garo Hills District

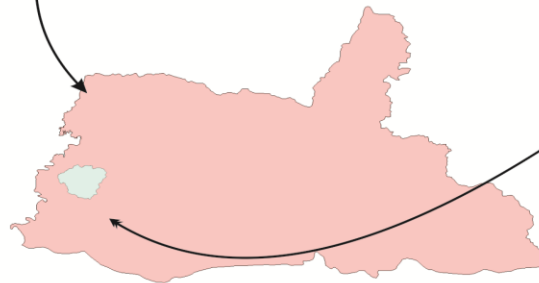
Meghalaya



IWMP V



South Garo Hills District



SUMMARY

| | | |
|-----------------------------|---|--|
| Name of the State | : | Meghalaya |
| Name of the District | : | South Garo Hills District |
| Name of the C&RD Block | : | Chokpot |
| Name of the Villages | : | 1. Rangmai Songmong 2. Inchrage 3. Aruakgre 4. Rengguagre 5. Jongjang gittim |
| Name of the Project | : | South Garo Hills – IWMP – V |
| Total Geographical Area | : | 2,337 Ha |
| Total Treatment Area | : | 2000 Ha |
| Total Project Cost | : | 300 Lakhs |
| Project Duration | : | 5 Years |
| Project Implementing Agency | : | Soil & Water Conservation (Cash Crop) Division, Baghmara. |

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CHAPTER I
INTRODUCTION AND BACKGROUND

CHAPTER I

INTRODUCTION AND BACKGROUND

1.1 Project Background:

The IWMP–V Project is located in Chokpot C&RD Block, South Garo Hills District of Meghalaya. Consisting of 2 (two) micro-watersheds, the project areas are drained by the Reso and Rompa river and their tributaries flowing in a north-east to south-west direction. The total area is 2,337 ha. with 2000 ha. to be treated under the Integrated Watershed Management Programme (IWMP-V).

The Project area is located at a distance of about 20 km from Chokpot C&RD Block and about 73 km from Baghmara. The total number of villages covered under the project is 5 (five) nos. They are –

| Name of Villages | Name of Micro Watershed |
|---|-------------------------|
| 1) Rangmai Songmong 2) Inchrage | Reso |
| 3) Aruakgre, 4) Jongjang Gittim & 5) Rengguagre | Rompa |

1.2 Micro-watershed Information:

The micro-watershed is yet to be codified by the North East Space Application Centre (NESAC). The total geographical area of the micro-watershed is 2,337 ha. out of which a total of 2000 hectares to be treated under the Integrated Watershed Management Programme (IWMP-V).

1.3 Need and Scope for Watershed Development:

The IWMP-V project falls under the High Priority category as per the prioritization of watersheds by the North East Space Application Centre (NESAC). The village do not have pucca or (all weathered road) connectivity. The farmers are all marginal and 133 households are below the poverty line, which is 100% of the total households. Jhum cultivation is practiced by most of the inhabitants in the village on the slopes.

Even though the area receives ample rainfall during the monsoons, there is still acute shortage of water during the dry seasons and the villagers have to travel long distances for fetching water even for domestic use.

1.4 Other developmental projects/schemes running in the Project Area:

The other developmental projects/schemes undertaken in the Project Area are:-

- i. MGNREGS

CHAPTER II
BASIC INFORMATION OF THE PROJECT AREA

CHAPTER II

BASIC INFORMATION OF THE PROJECT AREA

2.1 Location: The Project area is located under the Chokpot C&RD Block, South Garo Hills District. It is situated at a distance of about 20 km from Chokpot and 73 km from Baghmara. It lies between 25° 16' 0"N to 25° 19' 15"N and 90° 18' 08"E to 90° 22' 15" E. There are total of 5 (five) villages within the Watershed i.e 1. Rangmai Songmong 2. Inchrage, 3. Aruakgre, 4. Jongjang gittim 5. Rengguagre. At present, these villages are connected to kuccha road only.

2.2 Physiography:

The topography of the micro-watershed is highly undulating table land tracts with gentle to moderate slopes. The slopes vary from 10% to 15 % and 15% to 35%. The lower reaches of the Watershed is relatively flat and suitable for agriculture. The altitude ranges from 38m to 119m above mean sea level.

Table 2.1: Physiographic details

| Elevation (metres) | Slope Range (%) | Order of watershed Sub/Micro-watershed | Major streams | Topography |
|--------------------|----------------------------|---|----------------------|--------------------|
| 38 m to 119 m | 10% to 15% and 15% to 35 % | 1. Reso Micro Watershed 2. Rompa Micro Watershed | Reso and Rompa River | moderately Sloping |

2.3 Drainage: The major stream draining the micro-watershed is the Reso and Rompa rivers which is a 4th order stream flowing in a north-east to south-west direction. The slopes of the micro-watershed are dissected by numerous small tributaries flowing to the Reso and Rompa rivers.

2.4 Soil: The soils are ranging from sandy loam skeletal to loamy types in texture with p^H value ranging from 4.6 to 6.1. Soil depth varies from very shallow to deep. Soils are permeable and generally acidic in nature. Owing to highly undulating land form and absence of good vegetation cover, the area is exposed to erosion hazards. The soil nutrient status in the area shows a general trend of low phosphorous content.

Table 2.2: Details of soil erosion in the project areas:

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
|--------------|----------------|-------------------|---------------------------|----------------|------------------|--------------------|--------------------|--------------------------------------|--|
| Sl. No. | Names of State | Names of District | Names of Projects | Cause | Types of erosion | Area affected (ha) | Run-off (mm/ year) | Average soil loss (Tonnes/ ha/ year) | |
| 1 | Meghalaya | South Garo Hills | South Garo Hills – IWMP V | Water erosion: | | | | | |
| | | | | a | Sheet | 2000 | 2500-4000 | 10-15 | |
| | | | | b | Rill | | | | |
| | | | | c | Gully | | | | |
| | | | | Sub total | | 2000 | | | |
| Wind erosion | | Nil | Nil | Nil | | | | | |

2.5 Climate: The area in the foothills or low lying areas and mid-slopes are hot in summer and remain warm throughout the winter. The area on the higher reaches is warm during summer and cold during winter. The average annual rainfall is 4000mm.

Table 2.3: Agro-climatic zones of the project areas, soil types, average rainfall and major crops.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | |
|--------------|---------------|--------------------------------|--------------|------------------------|-----------------------------|--|--------------|--|----------------|---------------|
| Sl. No. | Name of State | Name of the Agro-climatic zone | Area (in ha) | Names of the districts | Names of the Projects | Major soil types | | Average annual rainfall in mm (preceding 5 years' average) | Major crops | |
| | | | | | | a) Type | b) Area (ha) | | a) Name | b) Area (ha) |
| 1 | Meghalaya | Southern Slopes and Valley | 2,337 Ha | South Garo Hills | South Garo Hills – IWMP – V | Moderate shallow, excessively drained, fine – loamy soil on moderately steep side slopes of hills having loamy surfaces with severe erosion hazard and strong stoniness associated with moderately Shallow, excessively drained, loamy skeletal soils on gently sloping hill tops with very severe erosion hazard and slight stoniness | 2,337 Ha | 4000 mm | Arecanut | 27 |
| | | | | | | | | | Cashewnut | 27 |
| | | | | | | | | | Rice (lowland) | 41 |
| | | | | | | | | | Rice (Jhum) | 24.63 |
| | | | | | | | | | Ginger | 24.63 |
| | | | | | | | | | Brinjal | 24.63 |
| | | | | | | | | | Colocassia | 24.63 |
| | | | | | | | | | Millet | 24.63 |
| | | | | | | | | | Tapioca | 24.63 |
| | | | | | | | | | Maize | 24.63 |
| | | | | | | | | | Pumpkin | 24.63 |
| | | | | | | | | | Cowpea | 24.63 |
| | | | | | | | | | Turmeric | 24.63 |
| | | | | | | | | | Cucumber | 24.63 |
| | | | | | | | | | Ashgourd | 24.63 |
| Bottle Gourd | 24.63 | | | | | | | | | |
| Chilli | 24.63 | | | | | | | | | |
| Beans | 24.63 | | | | | | | | | |
| Bitter gourd | 24.63 | | | | | | | | | |
| | | | | | | | | Total | | 489 Ha |

2.6 Agriculture: Agriculture is the primary occupation of the people of the area. The people of Reso and Rompa Watershed practices jhum cultivation. The jhum plots vary from 3.0 to 3.5 Ha, and are cultivated for 2-3 years. The principal agricultural crops grown of the jhum fields are Chilli, Ginger, Rice, Brinjal, Colocasia, Turmeric, Tapioca, Maize etc. Among the Fruit crops they grow Cashewnut and Arecanut in the watershed area. The slopes of the watershed area are also very suitable for betel leaf, rubber, black pepper, which contribute to the income of the people.

Table 2.4: Crop yield and production

| Crops | Area (ha) | Average Yield (Qtl) per ha. | Total Production (Qtl.) |
|--------------|------------------|------------------------------------|--------------------------------|
| Brinjal | 24.63 | 20 | 492.6 |
| Rice | 65.63 | 15 | 984.45 |
| Turmeric | 24.63 | 30 | 738.9 |
| Colocassia | 24.63 | 35 | 862.05 |
| Ginger | 24.63 | 25 | 615.75 |
| Tapioca | 24.63 | 30 | 378.9 |
| Arecanut | 27 | 12 | 324 |
| Maize | 24.63 | 6 | 147.78 |
| Chilli | 24.63 | 4 | 98.52 |
| Cow pea | 24.63 | 15 | 369.45 |
| Pumpkin | 24.63 | 40 | 985.2 |
| Cucumber | 24.63 | 35 | 862.05 |
| Ashguord | 24.63 | 20 | 492.6 |
| Bottleguord | 24.63 | 20 | 492.6 |
| Cashewnut | 27 | 25 | 675 |
| Millet | 24.63 | 15 | 369.45 |
| Beans | 24.63 | 8 | 197.04 |
| Bittergourd | 24.63 | 10 | 246.3 |
| Total | 489 | 365 | 9332.64 |

2.7 Natural Vegetation: The tree species common to the watershed area includes – *Tectona grandis*, *Gmelina arborea*, *Mangifera indica*, *Delonix regia*, *Hollarteuna antidysentrica*, *Bombax cieba*, *Jacrinda mimosofoli* , *Shorea robusta*, *Bamboo spp* etc.

2.8 Socio-Economic Profile: Economically, the area is perhaps the most backward in the district. The main reason is due to the absence of pucca road communication, primitive way of agricultural practices like jhumming and the difficult terrain of the area.

Demographic Status: The total household in the watershed project is 133 with a total population of 686 of which 368 are male and 318 are female. The detail of the household in each of the villages in the watershed project is as follows:

| Village | No. of Households | No. of Male | No. of Female | Total | Average No. per family |
|---------------------|--------------------------|--------------------|----------------------|--------------|-------------------------------|
| 1. Rangmai Songmong | 39 | 92 | 81 | 173 | 4 |
| 2. Inchrage | 45 | 119 | 112 | 231 | 5 |
| 3. Aruakgre | 21 | 70 | 54 | 124 | 5 |
| 4. Jongjang gittim | 06 | 15 | 12 | 27 | 5 |
| 5. Rengguagre | 22 | 72 | 59 | 131 | 5 |
| TOTAL | 133 | 368 | 318 | 686 | |

Infrastructure facilities:

2.1.1 *Roads:* The villages within the Project Areas is not connected by all weathered pucca road. The Project area depend entirely on the kutcha road connected either to Chokpot or to Dimapara.

2.1.2 *School:* There are 5 L.P School (Govt.) and 2 U.P (SSA) within the Project Area.

2.1.3 *Electricity:* There is no electricity facility in the Project area.

2.1.4 *Health:* There is no Community Health Centre in the project area and the local population have to either depend on facilities available at Dimapara or at Chokpot.

2.1.5 *Water Supply:* No Drinking water supply system has been provided by the PHE Deptt., the entire population have to depend on the springs available in the area to meet the daily requirement.

2.1.6 *Market:* There is a weekly market held once in a week at Doni Bazar. However, the main market where the people sell their produce is at Dimapara or at Rimrangpara.

Table 2.5: Infrastructure Status.

| 1 | 2 | 3 | | 4 | | | |
|------------------|--|-------------|--|----------|-----|------|------|
| Name of District | Name of Project | Parameters: | | Status | | | |
| South Garo Hills | South Garo Hills- IWMP V | (i) | No. of villages connected to the main road by an all-weather road. | Nil | | | |
| | | (ii) | No. of village provided with electricity | Nil | | | |
| | | (iii) | No. of households without access to drinking water | 133 nos. | | | |
| | | (iv) | No. of educational institutions: Primary (P)/ Secondary (S)/ Higher Secondary (HS)/ Vocational institution (VI) | (P) | (S) | (HS) | (VI) |
| | | | | 5 | 2 | - | - |
| | | (v) | No. of village with access to Primary Health Centre | Nil | | | |
| | | (vi) | No. of village with access Veterinary Dispensary | Nil | | | |
| | | (vii) | No. of village with access Post Office | Nil | | | |
| | | (viii) | No. of village with access Banks | Nil | | | |
| | | (ix) | No. of village with access Markets/ mandis | Nil | | | |
| | | (x) | No. of village with access Agro-Industries | Nil | | | |
| | | (xi) | Total quantity of surplus milk | Nil | | | |
| | | (xii) | No. of milk collection centres (e.g. Union (U)/ Society (S)/ Private agency (PA)/ Others (O)) | (U) | (S) | (PA) | (O) |
| | | | | Nil | Nil | Nil | Nil |
| (xiii) | No. of villages with access to Aganwadi Centres | 4 Nos. | | | | | |
| (xiv) | Any other facilities with no. of villages (please specify) | Nil | | | | | |

2.9 Livestock: There are only 4 kinds of livestock farming being farmed in the project area viz. Piggery, Poultry, Cattle and Goat.

Table 2.6: Existing livestock population

| Type of Animal | Population |
|----------------|-------------|
| Piggery | 380 |
| Poultry | 1980 |
| Cattle | 512 |
| Goat | 167 |
| Total:- | 3039 |

2.10 Land ownership: There are only two types of land holding system, namely private lands and community lands.

2.11 Table 2.7: Land Holding:

| 1 | 2 | 3 | 4 | 5 | 6 | | |
|------------------|---------------------------|-----------------|-------------------|-----------------------|-------------------|---------|--------|
| Name of District | Name of the Project | Types of Farmer | No. of households | No. of BPL households | Land holding (ha) | | |
| | | | | | Irrigated | Rainfed | Total |
| South Garo Hills | South Garo Hills – IWMP V | (i) Large | - | - | | | |
| | | (ii) Small | - | - | | | |
| | | (iii) Marginal | 133 | 133 | - | 489 Ha | 489 Ha |
| | | (iv) Landless | - | - | - | - | - |
| | | Sub - Total | 133 | 133 | | 489 Ha | 489 Ha |

Table 2.5: Common Property Resources in the Project Area

| 1 | 2 | 3 | 4 | | | | 5 | | | |
|------------------|---------------------------|--------------------------------|---|------------------------|-----|-----------------------|-----------------------------------|------------------------|-----|-----------------------|
| Name of District | Name of the Projects | CPR Particulars | Total Area (ha) Area owned/ In possession of | | | | Area available for treatment (ha) | | | |
| | | | Pvt. Person | Govt. (specify deptt.) | PRI | Any other (Community) | Pvt. Person | Govt. (specify deptt.) | PRI | Any other (Community) |
| South Garo Hills | South Garo Hills – IWMP V | (i) Wasteland/ degraded land | - | - | - | 9 Ha | - | - | - | 9 Ha |
| | | (ii) Pastures | - | - | - | - | - | - | - | - |
| | | (iii) Private Agriculture land | 65.63 Ha | - | - | - | 65.63 Ha. | | | |
| | | (iv) Village woodlot | - | - | - | - | | | | |
| | | (v) Forest | - | - | - | 1347 Ha | | | | 1300 Ha. |
| | | (vi) Village Ponds/ Tanks | - | - | - | - | | | | |
| | | (vii) Community Buildings | - | - | - | - | | MNREGS | | |
| | | (viii) Weekly Markets | - | - | - | Doni Bazar | | | | |
| | | (ix) Permanent Markets | - | - | - | Dimapara | | | | |
| | | (x) Temples/ Places of worship | - | - | - | Church- 4 nos. | | | | |
| | | (xi) Others (Pl. specify) | - | - | - | 915.37 Ha | - | | | 625.37 Ha |
| | | Total | 65.63 Ha | - | - | 2271.37 Ha | 65.63 Ha. | - | - | 1934.37 Ha |

2.12 Land use and land cover : As per the land use land cover map generated by NESAC, Meghalaya from Satellite Image taken during 2005 – 2006 (LISS – III, Image) the Watershed area has been broadly classified into the following land uses.

| | | |
|--|---|-----------------|
| a) Built-up Area | = | 56 Ha |
| b) Agricultural land-crop land-kharif crop | = | 41 Ha |
| c) Tree clad Area-close | = | 739 Ha |
| d) Tree clad Area-open | = | 608 Ha |
| e) Wasteland | = | 9 Ha. |
| f) Arecanut plantation | = | 27 Ha. |
| g) Cashewnut plantation | = | 27 Ha. |
| h) Other Shifting Cultivation Current | = | 394 Ha. |
| i) Other Shifting Cultivation Abandoned | = | <u>436 Ha..</u> |
| Total | = | 2337.00 Ha |

2.13 Problems of the Area: The primary problem of the area is Jhumming. Majority of the population depend on Jhum Cultivation for their livelihood. Vast tracks of abandoned Jhum areas are converted to vegetable and seasonal crops cultivation areas which has further degraded the capability of the land. In other words, unscientific method of cultivation has not only reduced the Jhum cycle, low crop yield but had adversely affected the ecological balance within the area. Road communication is another infrastructural problem that the area is facing where large volume crops like Arecanut, jackfruits etc. do not find their way into the market which has resulted in poor socio-economic status of the people. However, to control or to overcome the said problems, an innovative approach has been formulated and documented in the Action Plan or the Treatment Plan in the Detailed Project Report. The method of identification of the problems is through the Participatory Rural Appraisal Exercises conducted in all the villages within the Project.

CHAPTER III

PROJECT PLANNING & INSTITUTION BUILDING

CHAPTER III

PROJECT PLANNING & INSTITUTION BUILDING

3.1 Scientific Planning

- i) Base Line Survey: To establish a benchmark for assessing the impact of any intervention (pre-project & post project) a baseline survey is essential. The baseline survey included household census & socio-economic survey by using structured and semi –structured questionnaires, bio-physical survey to identify and assess the status of natural resources in the project area.
- ii) Participatory Rural Appraisal: To further obtain information on the project area, the people, resources, various PRA techniques like resource mapping, social mapping, seasonal calendars, matrix ranking, Venn diagrams were used.
- iii) GIS & Remote Sensing: To facilitate the process of prioritization and planning Geographic Information System was use. The land use and land cover (LULC) maps were prepared by the North Eastern Space Application Centre (NESAC) using the LISS III images (2006). The activities were located on the field by using GPS and accordingly transferred to the maps on GIS platform.

Table 3.1: Details of Scientific Planning and Inputs in IWMP projects:

| 1 | 2 | 2 |
|-----------|---|--|
| Sl.No. | Scientific criteria/ inputs used | No. of projects in which scientific criteria were used |
| A. | Planning | |
| | Cluster approach | Yes, |
| | Whether technical back-stopping for the project has been arranged? If yes, mention the name of the Institute. | Yes, NESAC, Nongsder |
| | Baseline survey | No |
| | Hydro-geological survey | No |
| | Contour mapping | No |
| | Participatory Net Planning (PNP) | Yes |

| | | |
|-----------|--|-----|
| | Remote sensing data-especially soil/ crop/ run-off cover | Yes |
| | Ridge to Valley treatment | Yes |
| | 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 | |
| | 1. Cadastral map | No |
| | 2. Village boundaries | Yes |
| | 3. Drainage | Yes |
| | 4. Soil (Soil nutrient status) | Yes |
| | 5. Land use | Yes |
| | 6. Ground water status | No |
| | 7. Watershed boundaries | Yes |
| | 8. 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)# | Yes |
| | Weather Stations | No |
| B. | Inputs | |
| | 1. Bio-pesticides | No |
| | 2. Organic manures | Yes |
| | 3. Vermi-compost | Yes |
| | 4. Bio-fertilizer | Yes |
| | 5. Water saving devices | Yes |
| | 6. Mechanized tools/ implements | No |
| | 7. Bio-fencing | Yes |
| | 8. Nutrient budgeting | Yes |
| | 9. Automatic water level recorders & sediment samplers | No |
| | Any other (please specify) | - |

3.2 Project Implementing Agency:

The PIA is the Soil & Water Conservation (C.C) Division , Bagmara District of Meghalaya. The Project Manager will be the Divisional Soil and Water Conservation Officer and will be assisted by an Asst. Soil & Water Conservation Officer along with WDT members in which expertise is drawn from the relevant fields for achieving smooth and successful implementation of the project.

| 1 | 2 | 3 | |
|--------------------|-----------------------------|-----------------------------|---|
| Names of Districts | Names of projects | Details of PIA | |
| South Garo Hills | South Garo Hills– IWMP V | (i) Type of organization# | Government |
| | | (ii) Name of organization | Soil & Water Conservation (C.C) Division, Bagmara |
| | | (iii) Designation & Address | Divisional Soil & Water Conservation Officer, (C.C) Division Bagmara |
| | | (iv) Telephone | 03639-222139 |
| | | (v) Fax | 03639-222139 |
| | | (vi) E-mail | Baghmarasoil@gmail.com |

3.3 Institution Building

i) Watershed Committee (WC)

The Watershed Committee of the 2 (two) micro-watersheds of IWMP Project V was constituted with the active involvement of the villagers with strong support of the Traditional Institutions (Village Nokma/Council). Both the Watershed Committees of IWMP-Project V has been registered under the Society Registration Act 1860.

Table 3.2: Details of Watershed Committees (WC):

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | | |
|---------------------------|-------------------------------------|--------------------------------|--|-------------|-----|----|----|----|----|----|-----------|----|-----|----|-----------|---------------------------|----------------------|--------|--------|
| Names of the Districts | Names of projects | Names of WCs | Date of Registration as a Society (dd/mm/yyyy) | Designation | M/F | SC | ST | SF | MF | LF | Land-less | UG | SHG | GP | Any other | Educational qualification | Function/s assigned# | | |
| South Garo Hills District | South Garo Hills District – IWMP –V | Reso Micro watershed (IWMP-V) | Registered | Chairman | M | - | ST | | 1 | | | | | | | Cl – X | A to I | | |
| | | | | Secretary | M | - | ST | | | | | | | 1 | HSSLC | A to I | | | |
| | | | | Member | 5M | - | ST | | 5 | | | | | | | Class: V to X | Do | | |
| | | | | Member | 2F | - | ST | | 2 | | | | | | | | Do | | |
| | | | | Member | M | | ST | | | | | | | | 1 | BCA | | | |
| | | Rompa Micro Watershed (IWMP-V) | Registered | Chairman | M | - | ST | | 1 | | | | | | | | | Cl – X | A to I |
| | | | | Secretary | M | - | ST | | | | | | | | | 1 | HSSLC | A to I | |
| | | | | Member | 5M | - | ST | | 5 | | | | | | | | Class: V to X | Do | |
| | | | | Member | 2F | - | ST | | 2 | | | | | | | | Do | | |
| | | | | Member | M | | ST | | | | | | | | | 1 | BCA | | |

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

ii) Self Help Group

Awareness programmes were organized in the villages to inform and sensitize the people on the essence of organizing themselves in to homogenous groups for uplifting their livelihood especially for the women. Discussions were held at length with the WDT on the scope and procedure of group formation, availing credit, grading of the groups and so on.

Table 3.3: Details of Self Help Groups (SHGs) in the project areas:

| 1 | 2 | 3 | | | | 4 | | | | 5 | | | 6 | | |
|------------------------|-------------------|------------------------------|-----------------|----------|-------|----------------|----|----|-------|-------------------------------|----|-------|-----------------------------|----|-------|
| Names of the Districts | Names of projects | Total no. of registered SHGs | | | | No. of members | | | | No. of SC/ST in each category | | | No. of BPL in each category | | |
| | | With only Men | With only Women | With all | Total | Categories | M | F | Total | M | F | Total | M | F | Total |
| South Garo Hills | SGH. IWMP V | 1 | 2 | - | 3 | (i) Landless | | | | | | | | | |
| | | | | | | (ii) SF | | | | | | | | | |
| | | | | | | (iii) MF | 12 | 25 | 37 | 12 | 25 | 37 | 12 | 25 | 37 |
| | | | | | | (iv) LF | | | | | | | | | |
| | | | | | | Total | 12 | 25 | 37 | 12 | 25 | 37 | 12 | 25 | 37 |

iii) User Group

To manage the assets created and ensure their sustainability User Groups will be formed. The people have been sensitized on the importance of ensuring that the assets created are sustainably used and the essentiality of having User Groups for maintenance and operation of their assets.

Table 3.4: User Group Details

| 1 | 2 | 3 | | | | 4 | | | | 5 | | | 6 | | |
|--------------------|-------------------------|------------------|-------|-----|-------|----------------|---|-----|-------|-------------------------------|-----|-------|-----------------------------|-----|-------|
| Names of Districts | Names of Projects | Total no. of UGs | | | | No. of members | | | | No. of SC/ST in each category | | | No. of BPL in each category | | |
| | | Men | Women | All | Total | Categories | M | F | Total | M | F | Total | M | F | Total |
| South Garo Hills | South Garo Hills-IWMP-V | | | | | (i) Landless | | | | | | | | | |
| | | | | | | (ii) SF | | | | | | | | | |
| | | | | | | (iii) MF | | | | | | | | | |
| | | | | | | (iv) LF | | | | | | | | | |
| Total | | Nil | Nil | Nil | Nil | | | Nil | | | Nil | | | Nil | |

CHAPTER IV
PROJECT ACTIVITIES

4.1 Preparatory Phase:

i) Entry Point Activities (EPA)

(Financial – Rs. in lakh)

| 1 | 2 | 3 | 4 |
|---------------------------|--------------------------|--------------------------------|--|
| Names of Project | Amount earmarked for EPA | Entry Point Activities planned | Geographical Location |
| South Garo Hills – IWMP-V | 12.00 | Spring Chamber with Tank | Latitude 25 ⁰ 16' 0"N to 25 ⁰ 19' 15"N Longitude 90 ⁰ 18' 08"E to 90 ⁰ 22' 15" E. |

ii) Other activities of Preparatory Phase:

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|--|-------------------|----------------|--------------------------------|-------------------------|--|----------------------|
| Initiation of village level institution | Capacity building | IEC activities | Baseline survey | Hydro-geological survey | Identifying technical support agencies | Resource agree-ments |
| 2 no. W/C and 2 no. of watershed association | 4 nos. | 2 nos. | Participatory Rural Appraisals | N.A | Done | Done |

4.2 Watershed Works Phase:

4.2.1 Activities related to surface water resources in the project areas:

| 1 | 2 | 3 | | | 4 | | | | | | | | | | | | |
|---------------------------|-----------------------------------|-------------|---------------------|------------------|---|-------------------------|------------------|---------------------------|--------------------------------|-------------------------|-----------------------------|---------------------------|------------------------------|-------------------------|------------------------------------|----------------|---------------|
| | | Pre Project | | | Proposed Project | | | | | | | | | | | | |
| | | No | Area irrigated (ha) | Storage capacity | Augmentation/ repair of existing structures | | | | Construction of new structures | | | | Total target | | | | |
| | | | | | No | Area to be treated (ha) | Storage capacity | Estimated cost (in lakhs) | No | Area to be treated (ha) | Storage capacity (per unit) | Estimated cost (in lakhs) | No | Area to be treated (ha) | Storage capacity (m ³) | Estimated cost | |
| South Garo Hills – IWMP V | (i) Tank | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | (ii) Pond | - | - | - | - | - | - | - | 32 Nos | - | - | 24.0 | 32 Nos. | - | - | - | 24.0 |
| | (iii) Lake | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | (iv) Check Dam | - | - | - | - | - | - | - | 20 Nos | - | - | 24.0 | 20 Nos. | - | - | - | 24.0 |
| | (v) Percolation Tank | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | (vi) Diversion Channel | - | - | - | - | - | - | - | 1500 Rm | - | - | 6.21 | 1500 Rm | - | - | - | 6.21 |
| | (vii) Any others (please specify) | | | | | | | | | | | | | | | | |
| | Protection wall | - | - | - | - | - | - | - | 26 Nos | - | - | 31.2 | 26 Nos | - | - | - | 31.2 |
| | Water Harvesting structure | - | - | - | - | - | - | - | 16 Nos | - | - | 48 | 16 Nos | - | - | - | 48 |
| Total | | | | | - | - | - | - | 78 Nos & 1500 Rm | - | - | 133.41 | 78 nos. & 1500 Rm | - | - | - | 133.41 |

4.2.2 Activities related to recharging ground water resources in the project areas:

| 1 | 2 | 3 | | 4 | | | | | | | | | |
|---------------------------|---|-------------|---------------------|--|-----|---------------------------|---|---------------------------|----------------|--------------|--|--|--|
| | | Pre-project | | Proposed target | | | | | | | | | |
| | | No. | Area irrigated (ha) | Augmentation/ repair of existing recharging structures | | | Construction of new recharging structures | | | Total target | | | |
| No. | Area to be irrigated (ha) | | | Estimated cost | No. | Area to be irrigated (ha) | Estimated cost | Area to be irrigated (ha) | Estimated cost | | | | |
| South Garo Hills - IWMP-V | (i)Open wells | | Nil | | Nil | | 32 16 | - - | 24.0 48.0 | Nil | | | |
| | (ii)Bore wells | | | | | | | | | | | | |
| | (iii)Any others (Pl. specify) 1 Dug Out Pond 2 Water Harvesting | | | | | | | | | | | | |
| | Total for the project | | | | | | | | | | | | |

4.2.3 Activities executed by User Groups in the Project Areas.

The Watershed Committee (WC) has constituted the User Groups in the Watershed area with the help of WDT. These User Groups are homogenous groups of persons most affected by each work/ activity and include only those having land holdings within the watershed areas. Each User Group consist of those who are likely to derive direct benefits from a particular watershed work or activity. The Watershed Committee (WC) with the help of the WDT shall facilitate resource-use agreements among the User Groups based on the principles of equity and sustainability. These agreements shall be worked out before the concerned work is undertaken. It must be regarded as a pre-condition for that activity. The User Groups will be responsible for the operation and maintenance.

4.2.4 Activities executed by User Groups in the Project Areas:

The Watershed Committee has constituted SHGs in the watershed area with the help of WDT from amongst poor, small and marginal farmer households,landless/asset less poor agricultural labourers, women, and SC/ST persons. These Groups are homogenous groups having common identity and interest who are dependent on the watershed area for their livelihood. Each Self Help Group will be provided with a revolving fund of an amount to be decided by the Nodal Ministry.

4.2.5 Other activities of watershed works phase:

| 1 | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | |
|-------------------|----------------------|------------|-------------------------|-------------|-----------------|-----------|------------------|-----|---------------------|-----|---------------------|-----|---------------------|-------------|---------------------|-----------|-------------------------|-----|----------------------------|-------------|----------------------|--------------|
| Names of projects | Ridge area treatment | | Drainage line treatment | | Nursery raising | | Land development | | Crop demonstrations | | Pasture development | | Veterinary services | | Fishery development | | Non-conventional energy | | Any other (please specify) | | Total Estimated Cost | |
| | (a) | (b) | (a) | (b) | (a) | (b) | (a) | (b) | (a) | (b) | (a) | (b) | (a) | (b) | (a) | (b) | (a) | (b) | (a) | (b) | (a) | (b) |
| SGH IWMP -V | 370 Ha | 32.87 lakh | 94 nos. | 133.41 lakh | 80 ha. | 6.88 lakh | - | - | - | - | - | - | 158 units | 23.64 lakhs | 52 Units | 7.6 lakhs | - | - | 274 Units | 27.48 Lakhs | 450 ha. | 231.88 lakhs |

4.2.6 Details of engineering structures in watershed works:

| 1 | 2 | 3 | | | 4 | | | 5 | | | | | |
|---------------------------|----------------------------|--------------------|------------------------|---------------------|--------------|-----------------|----------------------------|-------------------------------|------------------------------|----|---------|---|--|
| | | Type of treatment | | | Type of land | | | Target | | | | Expected month & year of completion (mm/yyyy) | |
| | | (i) Ridge area (R) | (ii) Drainage line (D) | (iii) Land Dev. (L) | (i) Pri-vate | (ii) Com-munity | (iii) Others (pl. specify) | No. of units (No./ cum./ rmt) | Estimated cost (Rs. in lakh) | | | | |
| M | W | | | | | | | | O | T | | | |
| South Garo Hills- IWMP -V | Staggered trenching | | | | | | | | | | | | |
| | Loose boulder Contour bund | | | | | | | | | | | | |
| | Graded bunding | | | | | | | | | | | | |
| | Protection wall | | D | L | P | C | 32 Nos. | 12.48 | 18.72 | | 31.2 | 2015-16 | |
| | Earthen checks dams | | | | | | | | | | | | |
| | Masonary stop Dams | | | | | | | | | | | | |
| | Gully plug | | | | | | | | | | | | |
| | Gabion structures | | | | | | | | | | | | |
| | Underground dykes | | | | | | | | | | | | |
| | Field bunds | | | | | | | | | | | | |
| | Any others (pl. specify) | | | | | | | | | | | | |
| | 1.CC Check Dam | R | D | | P | C | 20 Nos. | 9.6 | 14.4 | | 24 | 2015-16 | |
| 2.Water Harvesting | | | | P | C | 16 Nos. | 19.2 | 28.8 | | 48 | 2015-16 | | |

Contd.

4.2.7 Details of activities connected with vegetative cover in watershed works:

| 1 | 2 | 3 | | | 4 | | | 5 | | | |
|-------------------------|-------------------------|--------------------|------------------------|---------------------|--------------|----------------|----------------------------|-----------|---------------|------------------------------|--|
| | | Type of treatment | | | Type of land | | | Target | | | |
| Project | Name of structure/ work | (i) Ridge area (R) | (ii) Drainage line (D) | (iii) Land dev. (L) | (i) Private | (ii) Community | (iii) Others (pl. specify) | Area (ha) | No. of plants | Estimated cost (Rs. in lakh) | Expected month & year of completion (mm/ yyyy) |
| South Garo Hills IWMP-V | Afforestation | ✓ | | | | ✓ | | 70 | 28,000 | 7.07 | 2015-16 |
| | Regeneration | | | | | | | | | | |
| | Agro-forestry | | | | | | | | | | |
| | Fuel wood | | | | | | | | | | |
| | Fodder | | | | | | | | | | |
| | Agro- Horticulture | | | | | | | | | | |
| | Pasture dev. | | | | | | | | | | |
| | Nursery raising | | | | | ✓ | | 80 Ha | 96,000 | 6.88 | 2015-16 |
| Others (Coffee) | | | | | | | | | | | |

in case two or more activities are executed over same area, the figures in area treated should be accounted only once and should reflect only the actual watershed area treated.

4.2.8 Details of allied / other activities:

| 1 Project | 2 Name of activity@ | 3 | | | 4 | |
|-----------------------------|-------------------------|----------------|----------------|----------------------------|------------------------------------|--|
| | | Type of land | | | Target | |
| | | (i) Private | (ii) Community | (iii) Others (landless) | Estimated cost (Rs. in lakh) | Expected month & year of completion (mm/yyyy) |
| South Garo Hills- IWMP-V | Carpentry | | | 28 units | 1.4 | 2015-16 |
| | Bee keeping(Apiculture) | | | 32 units | 2.56 | 2015-16 |
| | Poultry | | | 90 units | 12.92 | 2015-16 |
| | Pisciculture | | | 52 units | 7.6 | 2015-16 |
| | Piggery Farming | | | 68 units | 10.72 | 2015-16 |
| | Compost pit | | | 40 units | 1.0 | 2015-16 |
| | Kitchen gardening | | | 40 units | 1.0 | 2015-16 |
| | Tailoring | | | 20 units | 1.6 | 2015-16 |
| | Agricultural implements | | | 44 units | 2.2 | 2015-16 |
| | Weaving | | | 60 units | 11.0 | 2015-16 |
| | Betel nut Processing | | | 10 units | 5.0 | 2015-16 |
| | | | | | | |

* from column no. 2, no. of States; from column no. 3, no. of Districts; from column no. 4, total no. of Projects; from column no. 5, activity-wise totals, from column no. 6, type-wise totals, from column no. 7, agency-wise totals, from column no. 8, total estimated cost, from column no. 9, total expenditure incurred, structure-wise no. of completed works, from column no. 10, item-wise totals, for the entire country may be indicated at the end of the table

@The activities given in this column are merely indicative and States are free to choose any other activity suited to the project area.

4.3 Consolidation and withdrawal phase

Details of activities in the CPRs in the project areas:

| 1 | 2 | 3 | 4 | 5 | | | |
|-------------------------|--|--|--|-------------------------------------|-----------------------------|--------------------------------|--------------------------------------|
| Names of projects | Name(s) of the villages | CPR particulars | Activity proposed | Target | | | |
| | | | | Target area under the activity (ha) | Estimated expenditure (Rs.) | Expected no. of beneficia-ries | Estimated contri-bution to WDF (Rs.) |
| South Garo Hills-IWMP-V | 1.Rangmai Songmong 2.Inchragre 3.Aruakgre 4.Jongjang gittim 5.Rengguagre | a) Dug out Pond b) Protection Wall/Retaining Wall c) Water Harvesting structure d) CC Check Dam | a) Dug out Pond b) Protection Wall/Retaining Wall c) Water Harvesting structure d) CC Check Dam | - | 9.0 | 171 | 0.45 |

CHAPTER V
PROJECT PHASING & BUDGETING

**ACTION PLAN
OF
IWMP PROJECT – V**

ACTION PLAN OF IWMP-V (2011-12) Batch - III PROJECT, SOUTH GARO HILLS DISTRICT

Fin. Rs.in Lakh.

| | Activities | TOTAL | | | | 1st Year | | | | 2nd Year | | | | 3rd Year | | | | 4th Year | | | | 5th Year | | | |
|------------|--|------------|-----------|-------------|---------------|----------|------|------|-----|-------------|------------|-------------|-----|---------------|------------|--------------|-----|-------------|------------|--------------|-----|----------|------|------|-----|
| | | Physical | | | Fin | Physical | | | Fin | Physical | | | Fin | Physical | | | Fin | Physical | | | Fin | Physical | | | Fin |
| | | Ha. | Nos. | Rmt. | | Ha. | Nos. | Rmt. | | Ha. | Nos. | Rmt. | | Ha. | Nos. | Rmt. | | Ha. | Nos. | Rmt. | | Ha. | Nos. | Rmt. | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | Administrative Cost | | | | 30 | | | | | | | 6 | | | 15 | | | | 9 | | | | | | |
| II | Monitoring & Evaluation | | 12 | | 6 | | | | | 4 | | 1.5 | | 4 | | 3 | | 4 | | 1.5 | | | | | |
| | Sub Total (I+II) | | 12 | | 36 | | | | | 4 | | 7.5 | | 4 | | 18 | | 4 | | 10.5 | | | | | |
| III | Preparatory Phase | | | | | | | | | | | | | | | | | | | | | | | | |
| | EPA | | | | | | | | | | | | | | | | | | | | | | | | |
| | i. Drinking Well/ Spring tapped chamber | | 12 | | 12 | | 12 | | 12 | | | | | | | | | | | | | | | | |
| | ii. | | | | | | | | | | | | | | | | | | | | | | | | |
| | DPR | | 2 | | 3 | | 2 | | 3 | | | | | | | | | | | | | | | | |
| | Institutional & Capacity Building | | 28 | | 15 | | 4 | | 3 | | 12 | | 6 | | 6 | | 3 | | 6 | | 3 | | | | |
| | Sub-Total of III | | 42 | | 30 | | 18 | | 18 | | 12 | | 6 | | 6 | | 3 | | 6 | | 3 | | | | |
| IV | Works Phase | | | | | | | | | | | | | | | | | | | | | | | | |
| | A. Arable Land Treatment | | | | | | | | | | | | | | | | | | | | | | | | |
| | Vegetative Barriers | | | | | | | | | | | | | | | | | | | | | | | | |
| | Contours Bunds | | | | | | | | | | | | | | | | | | | | | | | | |
| | Horticulture Development | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sub-Total of A | | | | | | | | | | | | | | | | | | | | | | | | |
| | B. Non- Arable Land | | | | | | | | | | | | | | | | | | | | | | | | |
| | Afforestation | 70 | | | 7.07 | | | | | 13.8 | | 1.19 | | 44.76 | | 3.85 | | 11.4 | | 2.03 | | | | | |
| | Agro-Forestry | | | | | | | | | | | | | | | | | | | | | | | | |
| | Nursery Establishment | 80 | | | 6.88 | | | | | | | | 80 | | 6.88 | | | | | | | | | | |
| | Black Pepper Plantation | 20 | | | 1.72 | | | | | | | | 20 | | 1.72 | | | | | | | | | | |
| | Mango Plantation | 70 | | | 6.02 | | | | | | | | 70 | | 6.02 | | | | | | | | | | |
| | Rubber Plantation | 150 | | | 12.9 | | | | | 22.7 | | 1.95 | | 80.23 | | 6.9 | | 47.1 | | 4.05 | | | | | |
| | Sub Total of B | 390 | | | 34.59 | | | | | 36.5 | | 3.14 | | 294.99 | | 25.37 | | 58.5 | | 6.08 | | | | | |
| | C. Drainage Line Treatment | | | | | | | | | | | | | | | | | | | | | | | | |
| | Farm Ponds / Dug Out Ponds | | 32 | | 24 | | | | | 6 | | 4.5 | | 16 | | 12 | | 10 | | 7.5 | | | | | |
| | Water Harvesting Structures | | 16 | | 48 | | | | | 2 | | 6 | | 12 | | 36 | | 2 | | 6 | | | | | |
| | CC Check Dam | | 20 | | 24 | | | | | 2 | | 2.4 | | 16 | | 19.2 | | 2 | | 2.4 | | | | | |
| | Loose Boulder Check Dam | | | | | | | | | | | | | | | | | | | | | | | | |
| | CC Protection Wall/ Retaining Wall | | 26 | | 31.2 | | | | | 4 | | 4.8 | | 14 | | 16.8 | | 8 | | 9.6 | | | | | |
| | Drip Irrigation | | | | | | | | | | | | | | | | | | | | | | | | |
| | Runoff Disposal Channel | | | 1500 | 6.21 | | | | | | 490 | 1.66 | | | 460 | 1.63 | | | 550 | 2.92 | | | | | |
| | Sub Total of C | | 94 | 1500 | 133.41 | | | | | 14 | 490 | 19.4 | | 58 | 460 | 85.63 | | 22 | 550 | 28.42 | | | | | |

**ACTION PLAN
OF
RESO MICRO-WATERSHED
UNDER
IWMP PROJECT – V**

ACTION PLAN OF RESO MICRO-WATERSHED IWMP-V (2011-12) Batch - III PROJECT, SOUTH GARO HILLS DISTRICT

Fin. Rs.in Lakh.

| | Activities | TOTAL | | | | 1st Year | | | | 2nd Year | | | | 3rd Year | | | | 4th Year | | | | 5th Year | | | |
|------------|--|------------|-----------|------------|---------------|----------|------|------|--------------|----------|-------------|---------------|-------|--------------|--------------|--------------|-------------|-----------|------------|--------------|------|----------|------|------|-----|
| | | Physical | | | Fin | Physical | | | Fin | Physical | | | Fin | Physical | | | Fin | Physical | | | Fin | Physical | | | Fin |
| | | Ha. | Nos. | Rmt. | | Ha. | Nos. | Rmt. | | Ha. | Nos. | Rmt. | | Ha. | Nos. | Rmt. | | Ha. | Nos. | Rmt. | | Ha. | Nos. | Rmt. | |
| I | Administrative Cost | | | | 15 | | | | | | | 3 | | | 7.5 | | | | 4.5 | | | | | | |
| II | Monitoring & Evaluation | | 3 | | 3 | | | | | | 1 | | 0.75 | | 1 | | 1.5 | | 1 | | 0.75 | | | | |
| | Sub Total (I+II) | | 3 | | 18 | | | | | | 1 | | 3.75 | | 1 | | 9 | | 1 | | 5.25 | | | | |
| III | Preparatory Phase | | | | | | | | | | | | | | | | | | | | | | | | |
| | EPA | | | | | | | | | | | | | | | | | | | | | | | | |
| | i. Drinking Well/ Spring tapped chamber | | 6 | | 6 | 6 | | 6 | | | | | | | | | | | | | | | | | |
| | ii. | | | | | | | | | | | | | | | | | | | | | | | | |
| | DPR | | 1 | | 1.5 | 1 | | 1.5 | | | | | | | | | | | | | | | | | |
| | Institutional & Capacity Building | | 14 | | 7.5 | 2 | | 1.5 | 6 | | 3 | | 3 | | 1.5 | | 3 | | 1.5 | | | | | | |
| | Sub-Total of III | | 21 | | 15 | 9 | | 9 | 6 | | 3 | | 3 | | 1.5 | | 3 | | 1.5 | | | | | | |
| IV | Works Phase | | | | | | | | | | | | | | | | | | | | | | | | |
| | A. Arable Land Treatment | | | | | | | | | | | | | | | | | | | | | | | | |
| | Vegetative Barriers | | | | | | | | | | | | | | | | | | | | | | | | |
| | Contours Bunds | | | | | | | | | | | | | | | | | | | | | | | | |
| | Horticulture Development | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sub-Total of A | | | | | | | | | | | | | | | | | | | | | | | | |
| | B. Non- Arable Land | | | | | | | | | | | | | | | | | | | | | | | | |
| | Afforestation | 35 | | | 3.535 | | | | 5.89 | | 0.595 | | 19.06 | | 1.925 | 10.05 | | 1.015 | | | | | | | |
| | Agro-Forestry | | | | | | | | | | | | | | | | | | | | | | | | |
| | Nursery Establishment | 40 | | | 3.44 | | | | | | | 40 | | 3.44 | | | | | | | | | | | |
| | Black Pepper Plantation | 10 | | | 0.86 | | | | | | | 10 | | 0.86 | | | | | | | | | | | |
| | Mango Plantation | 35 | | | 3.01 | | | | | | | 35 | | 3.01 | | | | | | | | | | | |
| | Rubber Plantation | 75 | | | 6.45 | | | | 11.34 | | 0.975 | 40.12 | | 3.45 | 23.54 | | 2.025 | | | | | | | | |
| | Sub Total of B | 195 | | | 17.295 | | | | 17.23 | | 1.57 | 144.18 | | 12.69 | 33.59 | | 3.04 | | | | | | | | |
| | C. Drainage Line Treatment | | | | | | | | | | | | | | | | | | | | | | | | |
| | Farm Ponds / Dug Out Ponds | | 16 | | 12 | | | | | 3 | 2.25 | | 8 | 6 | 5 | 3.75 | | | | | | | | | |
| | Water Harvesting Structures | | 8 | | 24 | | | | | 1 | 3 | | 6 | 18 | 1 | 3 | | | | | | | | | |
| | CC Check Dam | | 10 | | 12 | | | | | 1 | 1.2 | | 8 | 9.6 | 1 | 1.2 | | | | | | | | | |
| | Loose Boulder Check Dam | | | | | | | | | | | | | | | | | | | | | | | | |
| | CC Protection Wall/ Retaining Wall | | 13 | | 15.6 | | | | | 2 | 2.4 | | 7 | 8.4 | 4 | 4.8 | | | | | | | | | |
| | Runoff Disposal Channel | | | 795 | 3.105 | | | | | | 245 | 0.83 | | 230 | 0.815 | | 320 | 1.46 | | | | | | | |
| | Sub Total of C | | 47 | 795 | 66.705 | | | | | 7 | 245 | 9.68 | | 29 | 230 | 42.82 | | 11 | 320 | 14.21 | | | | | |

VILLAGE PLAN
OF
RESO MICRO WATERSHED
UNDER IWMP – V

VILLAGE PLAN OF INTEGRATED WATERSHED MANAGEMENT PROGRAMME-V

| | |
|---------------------|----------------------|
| Name of Watershed | Reso Micro Watershed |
| Name of District: | South Garo Hills |
| Name of C&RD Block: | Chokpot |

| | |
|------------------------|-----------|
| Name of Village | Inchragre |
| Total No. of Household | 45 |

Rs. in Lakh

| Sl No. | Activities | 1st Year | | 2nd Year | | 3rd Year | | 4th Year | | 5th Year | | Total | |
|--------|--|--------------|-------------|---------------|-------------|--------------|-------------|-----------|-------------|-------------|-----|----------------|-------------|
| | | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | PREPARATORY PHASE 2.00 % | 2.00 % | | | | | | | | | | 2 % | |
| B | Entry Point Activities: | | | | | | | | | | | | |
| i | Construction of Drinking Water System Spring Chamber with Tank @ Rs. 1,00,000 | 3 Nos | 3.00 | | | | | | | | | 3 Nos. | 3.00 |
| | Total of B | 3 Nos | 3.00 | | | | | | | | | 3 Nos. | 3.00 |
| II | PROJECT COST/ WATERSHED WORKS PHASE | | | 3.17 % | | 18.94 % | | 6.68 % | | | | 29 % | |
| A. | Non-Arable Land Treatment 28.79 % | | | | | | | | | | | | |
| i | Nursery Establishment-Arecanut @ Rs. 8,600 / No. | | | | | 20 Ha | 1.72 | | | | | 20 Ha | 1.72 |
| ii | Black Pepper Plantation @ Rs. 8,600 /- per Ha | | | | | 5 Ha | 0.43 | | | | | 5 Ha | 0.43 |
| iii | Mango Plantation @ Rs. 8,600 /- per Ha | | | | | 20 Ha | 1.72 | | | | | 20 Ha | 1.72 |
| iv | Afforestation (Non Pine) @ Rs. 10,100/- | | | | | | | | | | | | |
| | a) Preliminary Year @ Rs. 1,700 /- per Ha | | | 20 Ha. | 0.34 | | | | | | | 20 Ha. | 0.34 |
| | b) 1st Year Planting @ Rs. 5,500 /- per Ha | | | | | Mntce | 1.10 | | | | | | 1.10 |
| | c) 2nd Year Planting @ Rs. 2,900 /- per Ha | | | | | | | Mntce | 0.58 | | | | 0.58 |
| v | Rubber Plantation . @ Rs. 8,600 | | | | | | | | | | | | |
| | a) Pre-Work @ Rs. 1,300 /- per Ha. | | | 40 Ha | 0.52 | | | | | | | 40 Ha | 0.52 |
| | b) 1st Year Planting including cost of Rubber Stump @ Rs. 4,600 /- per Ha. | | | | | Mntce | 1.84 | | | | | | 1.84 |
| | c) 2nd Year Planting @ Rs. 2,700 /- per Ha. | | | | | | | Mntce | 1.08 | | | | 1.08 |
| | Total of A | | | 60 Ha. | 0.86 | 45 Ha | 6.81 | 20 | 1.66 | Nos. | | 105 Ha. | 9.33 |
| | | | | | | | | | | | | 20 | Nos. |

| | | | | | | | | | | | | | |
|----------|---|----------|------|-----------|-------|----------|--------|----------|-------|--|--|----------|--------|
| B | Drainage Line Treatment | | | | | | | | | | | | |
| i | Small Dug-Out Pond @ Rs. 75,000 | | | 2 Nos. | 1.50 | 4 Nos. | 3.00 | 2 Nos | 1.50 | | | 8 Nos. | 6.00 |
| ii | Protect/ Retaining Wall @ Rs. 1,20,000 | | | 1 No. | 1.20 | 4 Nos. | 4.80 | 2 Nos | 2.40 | | | 7 Nos. | 8.40 |
| iii | Water Harvesting Structure @ Rs. 3,00,000 | | | | - | 3 Nos. | 9.00 | 1 No | 3.00 | | | 4 Nos. | 12.00 |
| iv | C.C Check Dam @ Rs. 1,20,000 | | | 1 No. | 1.20 | 4 Nos. | 4.80 | | - | | | 5 Nos. | 6.00 |
| v | Run-off Disposal/ Diversion Channel as per Estimate | | | | | | | 320 Rm | 1.46 | | | 320 Rm. | 1.460 |
| | Total of B | | | 4 No. | 3.90 | 15 Nos. | 21.60 | 5 Nos. | 8.36 | | | 24 Nos | 33.860 |
| | Total of A+ B | 29 % | | 60 Ha. | 4.76 | | 28.41 | 320 Rm | 10.02 | | | 320 Rm. | 43.19 |
| | | | | 4 Nos. | | 15 Nos. | | 5 Nos. | | | | 24 Nos | |
| C | Livelihood Activities | 4.55 % | | 0.51667 % | | 1.510 % | | 2.53 % | | | | 4.55 % | |
| | for the asset less persons | | | | | | | | | | | | |
| i | Tailoring @ Rs 8,000 /- Unit | | | 2 Units | 0.16 | 1 Unit | 0.08 | 2 Units | 0.16 | | | 5 Units | 0.40 |
| ii | Carpentry @ Rs 5,000 /- Unit | | | 1 Unit | 0.05 | 1 Unit | 0.05 | 5 Units | 0.25 | | | 7 Units | 0.35 |
| iii | Kitchen Gardening @ Rs 2,500 /- Unit | | | 2 Units | 0.05 | 2 Units | 0.05 | 6 Units | 0.15 | | | 10 Units | 0.25 |
| iv | Weaving @ Rs 12,500 /- Unit | | | 1 Unit | 0.125 | 4 Units | 0.50 | 5 Units | 0.625 | | | 10 Units | 1.25 |
| v | Piggery @ Rs 8,000 /- Unit | | | 1 Unit | 0.08 | 5 Units | 0.40 | 5 Units | 0.40 | | | 11 Units | 0.88 |
| vi | Poultry @ Rs 8,000 /- Unit | | | 1 Unit | 0.08 | 5 Units | 0.40 | 10 Units | 0.80 | | | 16 Units | 1.28 |
| vii | Apiculture @ Rs 8,000 /- Unit | | | 1 Unit | 0.08 | 2 Units | 0.16 | 6 Units | 0.48 | | | 9 Units | 0.72 |
| viii | Pisciculture @ Rs 10,000 /- Unit | | | 1 Unit | 0.10 | 2 Units | 0.20 | 6 Units | 0.60 | | | 9 Units | 0.90 |
| ix | Compost Pit @ Rs 2,500 /- Unit | | | 2 Units | 0.05 | 3 Units | 0.075 | 5 Units | 0.125 | | | 10 Units | 0.25 |
| x | Agricultural implements @ Rs 5,000 /- Unit | | | | | 7 Units | 0.35 | 4 Units | 0.20 | | | 11 Units | 0.55 |
| | | | | 12 Units | 0.775 | 32 Units | 2.265 | 54 Units | 3.79 | | | 98 Units | 6.83 |
| D | Production System | 5.2667 % | | 0.60 % | | 1.50 % | | 3.1667 % | | | | 5.2667 % | |
| i | Piggery @ Rs 30,000 /- Unit | | | 1 Unit | 0.30 | 2 Units | 0.60 | 3 Units | 0.90 | | | 6 Units | 1.80 |
| ii | Poultry @ Rs 30,000 /- Unit | | | 1 Unit | 0.30 | 1 Unit | 0.30 | 5 Units | 1.50 | | | 7 Units | 2.10 |
| iii | Weaving/Handloom @ Rs 30,000 /- Unit | | | 1 Unit | 0.30 | 2 Units | 0.60 | 2 Units | 0.60 | | | 5 Units | 1.50 |
| iv | Betel Nut Processing @ Rs 50,000 /- Unit | | | | | 1 Unit | 0.50 | 2 Units | 1.00 | | | 3 Units | 1.50 |
| v | Pisciculture @ Rs 25,000 /- Unit | | | | | 1 Unit | 0.25 | 3 Units | 0.75 | | | 4 Units | 1.00 |
| | Total of D | | | 3 Units | 0.90 | 7 Units | 2.25 | 15 Units | 4.75 | | | 25 Units | 7.90 |
| | Grand Total | | 3.00 | | 6.435 | | 32.925 | | 18.56 | | | | 60.92 |

VILLAGE PLAN OF INTEGRATED WATERSHED MANAGEMENT PROGRAMME-V

| | |
|---------------------|----------------------|
| Name of Watershed | Reso Micro Watershed |
| Name of District: | South Garo Hills |
| Name of C&RD Block: | Chokpot |

| | |
|------------------------|------------------|
| Name of Villages | Rangmai Songmong |
| Total No. of Household | 39 |

Rs. in Lakh

| Sl No. | Activities | 1st Year | | 2nd Year | | 3rd Year | | 4th Year | | 5th Year | | Total | |
|--------|--|----------|------|-----------|-------|-----------|-------|-----------|-------|----------|-----|------------|-------|
| | | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | PREPARATORY PHASE 2.00 % | 2.00 % | | | | | | | | | | 2 % | |
| B | Entry Point Activities: | | | | | | | | | | | | |
| i | Construction of Drinking Water System Spring Chamber with Tank @ Rs. 1,00,000 | 3 Nos | 3.00 | | | | | | | | | 3 Nos. | 3.00 |
| | Total of B | 3 Nos | 3.00 | | | | | | | | | 3 Nos. | 3.00 |
| II | PROJECT COST/ WATERSHED WORKS PHASE | | | 4.32667 % | | 18.0600 % | | 4.82000 % | | | | 27.20667 % | |
| A. | Non-Arable Land Treatment 27.21 % | | | | | | | | | | | | |
| i | Nursery Establishment-Arecanut @ Rs. 8,600 / No. | | | | | 20 Ha | 1.72 | | | | | 20 Ha | 1.72 |
| ii | Black Pepper Plantation @ Rs. 8,600 /- per Ha | | | | | 5 Ha | 0.43 | | | | | 5 Ha | 0.43 |
| iii | Mango Plantation @ Rs. 8,600 /- per Ha | | | | | 15 Ha | 1.29 | | | | | 15 Ha | 1.29 |
| iv | Afforestation (Non Pine) @ Rs. 10,100/- | | | | | | | | | | | | |
| | a) Preliminary Year @ Rs. 1,700 /- per Ha | | | 15 Ha. | 0.255 | | | | | | | 15 Ha. | 0.255 |
| | b) 1st Year Planting @ Rs. 5,500 /- per Ha | | | | | Mntce | 0.825 | | | | | | 0.825 |
| | c) 2nd Year Planting @ Rs. 2,900 /- per Ha | | | | | | | Mntce | 0.435 | | | | 0.435 |
| v | Rubber Plantation @ Rs. 8,600 | | | | | | | | | | | | |
| | a) Pre-Work @ Rs. 1,300 /- per Ha. | | | 35 Ha | 0.455 | | | | | | | 35 Ha | 0.455 |
| | b) 1st Year Planting including cost of Rubber Stump @ Rs. 4,600 /- per Ha. | | | | | Mntce | 1.61 | | | | | | 1.61 |
| | c) 2nd Year Planting @ Rs. 2,700 /- per Ha. | | | | | | | Mntce | 0.945 | | | | 0.945 |
| | Total of A | | | 50 Ha. | 0.71 | 40 Ha | 5.875 | | 1.38 | | | 90 Ha. | 7.965 |

| | | | | | | | | | | | | | |
|----------|---|----------------|------|----------------------------|-------|-------------------|--------|----------|-------|----------|--|-----------------------------|-------|
| B | Drainage Line Treatment | | | | | | | | | | | | |
| i | Small Dug-Out Pond @ Rs. | 75,000 | | 1 No | 0.75 | 4 Nos. | 3.00 | 3 Nos | 2.25 | | | 8 Nos. | 6.00 |
| ii | Protect/ Retaining Wall @ Rs. | 1,20,000 | | 1 No | 1.20 | 3 Nos. | 3.60 | 2 Nos | 2.40 | | | 6 Nos. | 7.20 |
| iii | Water Harvesting Structure @ Rs. | 3,00,000 | | 1 No. | 3.00 | 3 Nos. | 9.00 | | - | | | 4 Nos. | 12.00 |
| iv | C.C Check Dam @ Rs. | 1,20,000 | | | - | 4 Nos. | 4.80 | 1 No | 1.20 | | | 5 Nos. | 6.00 |
| v | Run-off Disposal/ Diversion Channel as per Estimate | | | 245 Rm | 0.83 | 230 Rm | 0.815 | | | | | 475 Rm. | 1.65 |
| | Total of B | | | 3 No. 245 Rm | 5.78 | 14 Nos. 230 Rm | 21.215 | 6 Nos. | 5.85 | | | 23 Nos 475 Rm. | 32.85 |
| | Total of A+ B | 27 % | | 245 Rm 50 Ha. 3 Nos. | 6.49 | 230 Rm 14 Nos. | 27.09 | 6 Nos. | 7.23 | | | 475 Rm. 90 Ha. 23 Nos | 40.81 |
| C | Livelihood Activities | | | 4.45 % | | 0.4833 % | | 1.4900 % | | 2.47 % | | 4.45 % | |
| | for the asset less persons | | | | | | | | | | | | |
| i | Tailoring @ Rs | 8,000 /- Unit | | 2 Units | 0.16 | 1 Unit | 0.08 | 2 Units | 0.16 | | | 5 Units | 0.40 |
| ii | Carpentry @ Rs | 5,000 /- Unit | | 1 Unit | 0.05 | 1 Unit | 0.05 | 5 Units | 0.25 | | | 7 Units | 0.35 |
| iii | Kitchen Gardening @ Rs | 2,500 /- Unit | | 1 Unit | 0.025 | 3 Units | 0.075 | 6 Units | 0.15 | | | 10 Units | 0.25 |
| iv | Weaving @ Rs | 12,500 /- Unit | | 1 Unit | 0.125 | 4 Units | 0.50 | 5 Units | 0.625 | | | 10 Units | 1.25 |
| v | Piggery @ Rs | 8,000 /- Unit | | 1 Unit | 0.08 | 5 Units | 0.40 | 5 Units | 0.40 | | | 11 Units | 0.88 |
| vi | Poultry @ Rs | 8,000 /- Unit | | 1 Unit | 0.08 | 5 Units | 0.40 | 10 Units | 0.80 | | | 16 Units | 1.28 |
| vii | Apiculture @ Rs | 8,000 /- Unit | | 1 Unit | 0.08 | 1 Unit | 0.08 | 5 Units | 0.40 | | | 7 Units | 0.56 |
| viii | Pisciculture @ Rs | 10,000 /- Unit | | 1 Unit | 0.10 | 2 Units | 0.20 | 6 Units | 0.60 | | | 9 Units | 0.90 |
| ix | Compost Pit @ Rs | 2,500 /- Unit | | 1 Unit | 0.025 | 4 Units | 0.10 | 5 Units | 0.125 | | | 10 Units | 0.25 |
| x | Agricultural implements @ Rs | 5,000 /- Unit | | | | 7 Units | 0.35 | 4 Units | 0.20 | | | 11 Units | 0.55 |
| | | | | 10 Units | 0.725 | 33 Units | 2.235 | 53 Units | 3.71 | | | 96 Units | 6.67 |
| D | Production System | | | 4.733 % | | 0.40 % | | 1.50 % | | 2.8333 % | | 4.7333 % | |
| i | Piggery @ Rs | 30,000 /- Unit | | 1 Unit | 0.30 | 1 Unit | 0.30 | 4 Units | 1.20 | | | 6 Units | 1.80 |
| ii | Poultry @ Rs | 30,000 /- Unit | | 1 Unit | 0.30 | 2 Units | 0.60 | 3 Units | 0.90 | | | 6 Units | 1.80 |
| iii | Weaving/Handloom @ Rs | 30,000 /- Unit | | | - | 2 Units | 0.60 | 3 Units | 0.90 | | | 5 Units | 1.50 |
| iv | Betel Nut Processing @ Rs | 50,000 /- Unit | | | | 1 Unit | 0.50 | 1 Unit | 0.50 | | | 2 Units | 1.00 |
| v | Pisciculture @ Rs | 25,000 /- Unit | | | | 1 Unit | 0.25 | 3 Units | 0.75 | | | 4 Units | 1.00 |
| | Total of D | | | 2 Units | 0.60 | 7 Units | 2.25 | 14 Units | 4.25 | | | 23 Units | 7.10 |
| | Grand Total | | 3.00 | | 7.815 | | 31.575 | | 15.19 | | | | 57.58 |

**ACTION PLAN
OF
ROMPA MICRO-WATERSHED
UNDER
IWMP PROJECT – V**

ACTION PLAN OF ROMPA MICRO-WATERSHED IWMP-V (2011-12) Batch - III PROJECT, SOUTH GARO HILLS DISTRICT

Fin. Rs.in Lakh.

| | Activities | TOTAL | | | | 1st Year | | | | 2nd Year | | | | 3rd Year | | | | 4th Year | | | | 5th Year | | | |
|------------|--|------------|-----------|------------|---------------|----------|------|------|-----|--------------|----------|-------------|---------------|----------|--------------|--------------|--------------|----------|-----------|-------------|--------------|----------|------|------|-----|
| | | Physical | | | Fin | Physical | | | Fin | Physical | | | Fin | Physical | | | Fin | Physical | | | Fin | Physical | | | Fin |
| | | Ha. | Nos. | Rmt. | | Ha. | Nos. | Rmt. | | Ha. | Nos. | Rmt. | | Ha. | Nos. | Rmt. | | Ha. | Nos. | Rmt. | | Ha. | Nos. | Rmt. | |
| I | Administrative Cost | | | | 15 | | | | | | | 3 | | | | 7.5 | | | | 4.5 | | | | | |
| II | Monitoring & Evaluation | | 3 | | 3 | | | | | 1 | | 0.75 | | 1 | | 1.5 | | 1 | | 0.75 | | | | | |
| | Sub Total (I+II) | | 3 | | 18 | | | | | 1 | | 3.75 | | 1 | | 9 | | 1 | | 5.25 | | | | | |
| III | Preparatory Phase | | | | | | | | | | | | | | | | | | | | | | | | |
| | EPA | | | | | | | | | | | | | | | | | | | | | | | | |
| | i. Drinking Well/ Spring tapped chamber | | 6 | | 6 | | 6 | | 6 | | | | | | | | | | | | | | | | |
| | ii. | | | | | | | | | | | | | | | | | | | | | | | | |
| | DPR | | 1 | | 1.5 | | 1 | | 1.5 | | | | | | | | | | | | | | | | |
| | Institutional & Capacity Building | | 14 | | 7.5 | | 2 | | 1.5 | | 6 | | 3 | | 3 | | 1.5 | | 3 | | 1.5 | | | | |
| | Sub-Total of III | | 21 | | 15 | | 9 | | 9 | | 6 | | 3 | | 3 | | 1.5 | | 3 | | 1.5 | | | | |
| IV | Works Phase | | | | | | | | | | | | | | | | | | | | | | | | |
| | A. Arable Land Treatment | | | | | | | | | | | | | | | | | | | | | | | | |
| | Vegetative Barriers | | | | | | | | | | | | | | | | | | | | | | | | |
| | Contours Bunds | | | | | | | | | | | | | | | | | | | | | | | | |
| | Horticulture Development | | | | | | | | | | | | | | | | | | | | | | | | |
| | Sub-Total of A | | | | | | | | | | | | | | | | | | | | | | | | |
| | B. Non- Arable Land | | | | | | | | | | | | | | | | | | | | | | | | |
| | Afforestation | 35 | | | 3.535 | | | | | 5.89 | | 0.595 | 19.06 | | 1.925 | 10.05 | | | | 1.015 | | | | | |
| | Agro-Forestry | | | | | | | | | | | | | | | | | | | | | | | | |
| | Nursery Establishment | 40 | | | 3.44 | | | | | | | | 40 | | 3.44 | | | | | | | | | | |
| | Black Pepper Plantation | 10 | | | 0.86 | | | | | | | | 10 | | 0.86 | | | | | | | | | | |
| | Mango Plantation | 35 | | | 3.01 | | | | | | | | 35 | | 3.01 | | | | | | | | | | |
| | Rubber Plantation | 75 | | | 6.45 | | | | | 11.34 | | 0.975 | 40.12 | | 3.45 | 23.54 | | | | 2.025 | | | | | |
| | Sub Total of B | 195 | | | 17.295 | | | | | 17.23 | | 1.57 | 144.18 | | 12.69 | 33.59 | | | | 3.04 | | | | | |
| | C. Drainage Line Treatment | | | | | | | | | | | | | | | | | | | | | | | | |
| | Farm Ponds / Dug Out Ponds | | 16 | | 12 | | | | | | 3 | 2.25 | | 8 | 6 | 5 | | | | 3.75 | | | | | |
| | Water Harvesting Structures | | 8 | | 24 | | | | | | 1 | 3 | | 6 | 18 | 1 | | | | 3 | | | | | |
| | CC Check Dam | | 10 | | 12 | | | | | | 1 | 1.2 | | 8 | 9.6 | 1 | | | | 1.2 | | | | | |
| | Loose Boulder Check Dam | | | | | | | | | | | | | | | | | | | | | | | | |
| | CC Protection Wall/ Retaining Wall | | 13 | | 15.6 | | | | | | 2 | 2.4 | | 7 | 8.4 | 4 | | | | 4.8 | | | | | |
| | Runoff Disposal Channel | | | 795 | 3.105 | | | | | | | 245 | 0.83 | | 230 | 0.815 | | | | 320 | 1.46 | | | | |
| | Sub Total of C | | 47 | 795 | 66.705 | | | | | | 7 | 245 | 9.68 | | 29 | 230 | 42.82 | | 11 | 320 | 14.21 | | | | |

VILLAGE PLAN
OF
ROMPA MICRO WATERSHED
UNDER IWMP – V

VILLAGE PLAN OF INTEGRATED WATERSHED MANAGEMENT PROGRAMME-V

| | |
|---------------------|-----------------------|
| Name of Watershed | Rompa Micro Watershed |
| Name of District: | South Garo Hills |
| Name of C&RD Block: | Chokpot |

| | |
|------------------------|-----------------|
| Name of Villages | Jongjang Gittim |
| Total No. of Household | 6 |

Rs. in Lakh

| Sl No. | Activities | 1st Year | | 2nd Year | | 3rd Year | | 4th Year | | 5th Year | | Total | |
|--------|--|--------------|-------------|---------------|-------------|--------------|--------------|----------|--------------|----------|-----|---------------|--------------|
| | | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | PREPARATORY PHASE 0.67 % | 0.67 % | | | | | | | | | | 0.67 % | |
| B | Entry Point Activites: | | | | | | | | | | | | |
| i | Construction of Drinking Water System Spring Chamber with Tank @ Rs. 1,00,000 | 1 No | 1.00 | | | | | | | | | 1 Nos. | 1.00 |
| | Total of B | 1 Nos | 1.00 | | | | | | | | | 1 Nos. | 1.00 |
| II | PROJECT COST/ WATERSHED WORKS PHASE | | | 1.24 % | | 10.39 % | | 0.87 % | | | | 12 % | |
| A. | Non-Arable Land Treatment 12 % | | | | | | | | | | | | |
| i | Nursery Establishment-Arecanut @ Rs. 8,600 / No. | | | | | 6 Ha | 0.516 | | | | | 6 Ha | 0.516 |
| ii | Black Pepper Plantation @ Rs. 8,600 /- per Ha | | | | | 2 Ha | 0.172 | | | | | 2 Ha | 0.172 |
| iii | Mango Plantation @ Rs. 8,600 /- per Ha | | | | | 5 Ha | 0.43 | | | | | 5 Ha | 0.43 |
| iv | Afforestation (Non Pine) @ Rs. 10,100/- | | | | | | | | | | | | |
| | a) Preliminary Year @ Rs. 1,700 /- per Ha | | | 5 Ha. | 0.085 | | | | | | | 5 Ha. | 0.085 |
| | b) 1st Year Planting @ Rs. 5,500 /- per Ha | | | | | Mntce | 0.275 | | | | | | 0.275 |
| | c) 2nd Year Planting @ Rs. 2,900 /- per Ha | | | | | | | Mntce | 0.145 | | | | 0.145 |
| v | Rubber Plantation @ Rs. 8,600 | | | | | | | | | | | | |
| | a) Pre-Work @ Rs. 1,300 /- per Ha. | | | 15 Ha | 0.195 | | | | | | | 15 Ha | 0.195 |
| | b) 1st Year Planting including cost of Rubber Stump @ Rs. 4,600 /- per Ha. | | | | | Mntce | 0.69 | | | | | | 0.69 |
| | c) 2nd Year Planting @ Rs. 2,700 /- per Ha. | | | | | | | Mntce | 0.405 | | | | 0.405 |
| | Total of A | | | 20 Ha. | 0.28 | 13 Ha | 2.083 | | 0.550 | | | 33 Ha. | 2.913 |

| | | | | | | | | | | | | | |
|----------|---|--------|------|----------------------------|--------|-----------------|--------|----------|--------|--|--|-----------------------------|--------|
| B | Drainage Line Treatment | | | | | | | | | | | | |
| i | Small Dug-Out Pond @ Rs. 75,000 | | | 1 No. | 0.75 | 2 Nos. | 1.50 | 1 No | 0.75 | | | 4 Nos. | 3.00 |
| ii | Protect/ Retaining Wall @ Rs. 1,20,000 | | | | - | 3 Nos. | 3.60 | | - | | | 3 Nos. | 3.60 |
| iii | Water Harvesting Structure @ Rs. 3,00,000 | | | | - | 2 Nos. | 6.00 | | | | | 2 Nos. | 6.00 |
| iv | C.C Check Dam @ Rs. 1,20,000 | | | | - | 2 Nos. | 2.40 | | - | | | 2 Nos. | 2.40 |
| v | Run-off Disposal/ Diversion Channel as per Estimate | | | 245 Rm | 0.83 | | | | | | | 245 Rm. | 0.83 |
| | Total of B | | | 1 Nos. 245 Rm | 1.58 | 9 Nos. | 13.50 | 1 Nos. | 0.75 | | | 11 Nos 245 Rm. | 15.83 |
| | Total of A+ B | 12 % | | 245 Rm 20 Ha. 1 Nos. | 1.86 | 13 Ha 9 Nos. | 15.583 | 1 Nos. | 1.30 | | | 245 Rm. 33 Ha. 11 Nos | 18.743 |
| C | Livelihood Activities | 1.87 % | | | 0.23 % | | 0.75 % | | 0.89 % | | | | 1.87 % |
| | for the asset less persons | | | | | | | | | | | | |
| i | Tailoring @ Rs 8,000 /- Unit | | | 1 Unit | 0.08 | | - | 1 Unit | 0.08 | | | 2 Units | 0.16 |
| ii | Carpentry @ Rs 5,000 /- Unit | | | 1 Unit | 0.05 | 1 Unit | 0.05 | 1 Unit | 0.05 | | | 3 Units | 0.15 |
| iii | Kitchen Gardening @ Rs 2,500 /- Unit | | | 1 Unit | 0.025 | 1 Units | 0.025 | 2 Units | 0.05 | | | 4 Units | 0.10 |
| iv | Weaving @ Rs 12,500 /- Unit | | | | - | 2 Units | 0.25 | 2 Units | 0.25 | | | 4 Units | 0.50 |
| v | Piggery @ Rs 8,000 /- Unit | | | | - | 2 Units | 0.16 | 2 Units | 0.16 | | | 4 Units | 0.32 |
| vi | Poultry @ Rs 8,000 /- Unit | | | 1 Unit | 0.08 | 1 Unit | 0.08 | 4 Units | 0.32 | | | 6 Units | 0.48 |
| vii | Apiculture @ Rs 8,000 /- Unit | | | 1 Unit | 0.08 | 1 Unit | 0.08 | 1 Unit | 0.08 | | | 3 Units | 0.24 |
| viii | Pisciculture @ Rs 10,000 /- Unit | | | | - | 2 Units | 0.20 | 2 Units | 0.20 | | | 4 Units | 0.40 |
| ix | Compost Pit @ Rs 2,500 /- Unit | | | 1 Unit | 0.025 | 3 Units | 0.075 | 2 Units | 0.05 | | | 6 Units | 0.15 |
| x | Agricultural implements @ Rs 5,000 /- Unit | | | | | 4 Units | 0.20 | 2 Units | 0.10 | | | 6 Units | 0.30 |
| | Total of C | | | 6 Units | 0.34 | 17 Units | 1.12 | 19 Units | 1.34 | | | 42 Units | 2.80 |
| D | Production System | 1.67 % | | | 0.20 % | | 0.40 % | | 1.07 % | | | | 1.67 % |
| i | Piggery @ Rs 30,000 /- Unit | | | | - | 1 Unit | 0.30 | 1 Unit | 0.30 | | | 2 Units | 0.60 |
| ii | Poulty @ Rs 30,000 /- Unit | | | | - | 1 Unit | 0.30 | | - | | | 1 Units | 0.30 |
| iii | Weaving/Handloom @ Rs 30,000 /- Unit | | | 1 Unit | 0.30 | | - | 1 Unit | 0.30 | | | 2 Units | 0.60 |
| iv | Betel Nut Processing @ Rs 50,000 /- Unit | | | | | | - | 1 Unit | 0.50 | | | 1 Units | 0.50 |
| v | Pisciculture @ Rs 25,000 /- Unit | | | | | | - | 2 Units | 0.50 | | | 2 Units | 0.50 |
| | Total of D | | | 1 Units | 0.30 | 2 Units | 0.60 | 5 Units | 1.60 | | | 8 Units | 2.50 |
| | Grand Total | | 1.00 | | 2.50 | | 17.303 | | 4.24 | | | | 25.043 |

VILLAGE PLAN OF INTEGRATED WATERSHED MANAGEMENT PROGRAMME-V

| | |
|---------------------|-----------------------|
| Name of Watershed | Rompa Micro Watershed |
| Name of District: | South Garo Hills |
| Name of C&RD Block: | Chokpot |

| | |
|------------------------|-----------|
| Name of Villages | Renguagre |
| Total No. of Household | 22 |

Rs. in Lakh

| Sl No. | Activities | 1st Year | | 2nd Year | | 3rd Year | | 4th Year | | 5th Year | | Total | |
|--------|--|----------|------|----------|-------|----------|-------|----------|-------|----------|-----|-------------|-------|
| | | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | PREPARATORY PHASE 1.33 % | 1.33 | % | | | | | | | | | 1.333333333 | % |
| B | Entry Point Activites: | | | | | | | | | | | | |
| i | Construction of Drinking Water System Spring Chamber with Tank @ Rs. 1,00,000 | 2 Nos | 2.00 | | | | | | | | | 2 Nos. | 2.00 |
| | Total of B | 2 Nos | 2.00 | | | | | | | | | 2 Nos. | 2.00 |
| II | PROJECT COST/ WATERSHED WORKS PHASE | | | 3.73 | % | 13.58 | % | 4.23 | % | | | 22 | % |
| A. | Non-Arable Land Treatment 22 % | | | | | | | | | | | | |
| i | Nursery Establishment-Arecanut @ Rs. 8,600 / No. | | | | | 17 Ha | 1.462 | | | | | 17 Ha | 1.462 |
| ii | Black Pepper Plantation @ Rs. 8,600 /- per Ha | | | | | 4 Ha | 0.344 | | | | | 4 Ha | 0.344 |
| iii | Mango Plantation @ Rs. 8,600 /- per Ha | | | | | 15 Ha | 1.29 | | | | | 15 Ha | 1.29 |
| iv | Afforestation (Non Pine) @ Rs. 10,100/- | | | | | | | | | | | | |
| | a) Preliminary Year @ Rs. 1,700 /- per Ha | | | 15 Ha. | 0.255 | | | | | | | 15 Ha. | 0.255 |
| | b) 1st Year Planting @ Rs. 5,500 /- per Ha | | | | | Mntce | 0.825 | | | | | | 0.825 |
| | c) 2nd Year Planting @ Rs. 2,900 /- per Ha | | | | | | | Mntce | 0.435 | | | | 0.435 |
| v | Rubber Plantation @ Rs. 8,600 | | | | | | | | | | | | |
| | a) Pre-Work @ Rs. 1,300 /- per Ha. | | | 30 Ha | 0.39 | | | | | | | 30 Ha | 0.39 |
| | b) 1st Year Planting including cost of Rubber Stump @ Rs. 4,600 /- per Ha. | | | | | Mntce | 1.38 | | | | | | 1.38 |
| | c) 2nd Year Planting @ Rs. 2,700 /- per Ha. | | | | | | | Mntce | 0.810 | | | | 0.81 |
| | Total of A | | | 45 Ha. | 0.645 | 36 Ha | 5.301 | | 1.245 | | | 81 Ha. | 7.191 |

| | | | | | | | | | | | | | |
|----------|---|--|--------|------------------|--------|-----------------------------|--------|----------|--------|--|--|-----------------------------|--------|
| B | Drainage Line Treatment | | | | | | | | | | | | |
| i | Small Dug-Out Pond @ Rs. 75,000 | | | 1 No. | 0.75 | 3 Nos. | 2.25 | 2 Nos | 1.50 | | | 6 Nos. | 4.50 |
| ii | Protect/ Retaining Wall @ Rs. 1,20,000 | | | 1 No. | 1.20 | 2 Nos. | 2.40 | 2 Nos | 2.40 | | | 5 Nos. | 6.00 |
| iii | Water Harvesting Structure @ Rs. 3,00,000 | | | 1 No. | 3.00 | 2 Nos. | 6.00 | | - | | | 3 Nos. | 9.00 |
| iv | C.C Check Dam @ Rs. 1,20,000 | | | | - | 3 Nos. | 3.60 | 1 No | 1.20 | | | 4 Nos. | 4.80 |
| v | Run-off Disposal/ Diversion Channel as per Estimate | | | | | 230 Rm. | 0.815 | | | | | 230 Rm. | 0.815 |
| | Total of B | | | 3 Nos. | 4.95 | 10 Nos. 230 Rm. | 15.065 | 5 Nos. | 5.10 | | | 18 Nos 230 Rm. | 25.115 |
| | Total of A+ B | | 22 % | 45 Ha. 3 Nos. | 5.595 | 230 Rm. 36 Ha 10 Nos. | 20.366 | 5 Nos. | 6.345 | | | 230 Rm. 81 Ha. 18 Nos | 32.306 |
| C | Livelihood Activities | | 3.52 % | | 0.38 % | | 1.08 % | | 2.06 % | | | | 3.52 % |
| | for the asset less persons | | | | | | | | | | | | |
| i | Tailoring @ Rs 8,000 /- Unit | | | 1 Unit | 0.08 | 1 Unit | 0.08 | 2 Units | 0.16 | | | 4 Units | 0.32 |
| ii | Carpentry @ Rs 5,000 /- Unit | | | 1 Unit | 0.05 | | - | 4 Units | 0.20 | | | 5 Units | 0.25 |
| iii | Kitchen Gardening @ Rs 2,500 /- Unit | | | 1 Unit | 0.025 | 2 Units | 0.05 | 5 Units | 0.125 | | | 8 Units | 0.20 |
| iv | Weaving @ Rs 12,500 /- Unit | | | 1 Unit | 0.125 | 3 Units | 0.375 | 4 Units | 0.50 | | | 8 Units | 1.00 |
| v | Piggery @ Rs 8,000 /- Unit | | | 1 Unit | 0.08 | 4 Units | 0.32 | 4 Units | 0.32 | | | 9 Units | 0.72 |
| vi | Poultry @ Rs 8,000 /- Unit | | | 1 Unit | 0.08 | 4 Units | 0.32 | 8 Units | 0.64 | | | 13 Units | 1.04 |
| vii | Apiculture @ Rs 8,000 /- Unit | | | | - | 1 Unit | 0.08 | 5 Units | 0.40 | | | 6 Units | 0.48 |
| viii | Pisciculture @ Rs 10,000 /- Unit | | | 1 Unit | 0.10 | 1 Unit | 0.10 | 5 Units | 0.50 | | | 7 Units | 0.70 |
| ix | Compost Pit @ Rs 2,500 /- Unit | | | 1 Unit | 0.025 | 2 Units | 0.05 | 4 Units | 0.10 | | | 7 Units | 0.175 |
| x | Agricultural implements @ Rs 5,000 /- Unit | | | | | 5 Units | 0.25 | 3 Units | 0.15 | | | 8 Units | 0.40 |
| | Total of C | | | 8 Units | 0.565 | 23 Units | 1.625 | 44 Units | 3.095 | | | 75 Units | 5.285 |
| D | Production System | | 4.17 % | | 0.40 % | | 1.30 % | | 2.47 % | | | | 4.17 % |
| i | Piggery @ Rs 30,000 /- Unit | | | 1 Unit | 0.30 | 1 Unit | 0.30 | 3 Units | 0.90 | | | 5 Units | 1.50 |
| ii | Poultry @ Rs 30,000 /- Unit | | | 1 Unit | 0.30 | 1 Units | 0.30 | 4 Unit | 1.20 | | | 6 Units | 1.80 |
| iii | Weaving/Handloom @ Rs 30,000 /- Unit | | | | - | 2 Units | 0.60 | 2 Units | 0.60 | | | 4 Units | 1.20 |
| iv | Betel Nut Processing @ Rs 50,000 /- Unit | | | | | 1 Unit | 0.50 | 1 Unit | 0.50 | | | 2 Units | 1.00 |
| v | Pisciculture @ Rs 25,000 /- Unit | | | | | 1 Unit | 0.25 | 2 Units | 0.50 | | | 3 Units | 0.75 |
| | Total of D | | | 2 Units | 0.60 | 6 Units | 1.95 | 12 Units | 3.70 | | | 20 Units | 6.25 |
| | Total of II (A+B+C+D+E) | | 2.00 | | 6.76 | | 23.941 | | 13.14 | | | | 45.841 |

VILLAGE PLAN OF INTEGRATED WATERSHED MANAGEMENT PROGRAMME-V

| | |
|---------------------|-----------------------|
| Name of Watershed | Rompa Micro Watershed |
| Name of District: | South Garo Hills |
| Name of C&RD Block: | Chokpot |

| | |
|------------------------|----------|
| Name of Villages | Aruakgre |
| Total No. of Household | 21 |

Rs. in Lakh

| Sl No. | Activities | 1st Year | | 2nd Year | | 3rd Year | | 4th Year | | 5th Year | | Total | |
|--------|--|--------------|-------------|---------------|--------------|--------------|--------------|----------|--------------|----------|-----|---------------|--------------|
| | | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin | Phy | Fin |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | PREPARATORY PHASE 2.00 % | 2.00 % | | | | | | | | | | 2 % | |
| B | Entry Point Activites: | | | | | | | | | | | | |
| i | Construction of Drinking Water System Spring Chamber with Tank @ Rs. 1,00,000 | 3 Nos | 3.00 | | | | | | | | | 3 Nos. | 3.00 |
| | Total of B | 3 Nos | 3.00 | | | | | | | | | 3 Nos. | 3.00 |
| II | PROJECT COST/ WATERSHED WORKS PHASE | | | 2.53 % | | 13.03 % | | 6.40 % | | | | 22 % | |
| A. | Non-Arable Land Treatment 22 % | | | | | | | | | | | | |
| i | Nursery Establishment-Arecanut @ Rs. 8,600 / No. | | | | | 17 Ha | 1.462 | | | | | 17 Ha | 1.462 |
| ii | Black Pepper Plantation @ Rs. 8,600 /- per Ha | | | | | 4 Ha | 0.344 | | | | | 4 Ha | 0.344 |
| iii | Mango Plantation @ Rs. 8,600 /- per Ha | | | | | 15 Ha | 1.29 | | | | | 15 Ha | 1.29 |
| iv | Afforestation (Non Pine) @ Rs. 10,100/- | | | | | | | | | | | | |
| | a) Preliminary Year @ Rs. 1,700 /- per Ha | | | 15 Ha. | 0.255 | | | | | | | 15 Ha. | 0.255 |
| | b) 1st Year Planting @ Rs. 5,500 /- per Ha | | | | | Mntce | 0.825 | | | | | | 0.825 |
| | c) 2nd Year Planting @ Rs. 2,900 /- per Ha | | | | | | | Mntce | 0.435 | | | | 0.435 |
| v | Rubber Plantation @ Rs. 8,600 | | | | | | | | | | | | |
| | a) Pre-Work @ Rs. 1,300 /- per Ha. | | | 30 Ha | 0.390 | | | | | | | 30 Ha | 0.39 |
| | b) 1st Year Planting including cost of Rubber Stump @ Rs. 4,600 /- per Ha. | | | | | Mntce | 1.38 | | | | | | 1.38 |
| | c) 2nd Year Planting @ Rs. 2,700 /- per Ha. | | | | | | | Mntce | 0.81 | | | | 0.81 |
| | Total of A | | | 45 Ha. | 0.645 | 36 Ha | 5.301 | | 1.245 | | | 81 Ha. | 7.191 |

| | | | | | | | | | | | | | |
|----------|---|---------------|-------------|----------------|---------------|-----------------|---------------|-----------------|---------------|--|--|-----------------|---------------|
| B | Drainage Line Treatment | | | | | | | | | | | | |
| i | Small Dug-Out Pond @ Rs. 75,000 | | | 1 No. | 0.75 | 3 Nos. | 2.25 | 2 Nos | 1.50 | | | 6 Nos. | 4.50 |
| ii | Protect/ Retaining Wall @ Rs. 1,20,000 | | | 1 No. | 1.20 | 2 Nos. | 2.40 | 2 Nos | 2.40 | | | 5 Nos. | 6.00 |
| iii | Water Harvesting Structure @ Rs. 3,00,000 | | | | - | 2 Nos. | 6.00 | 1 No | 3.00 | | | 3 Nos. | 9.00 |
| iv | C.C Check Dam @ Rs. 1,20,000 | | | 1 No. | 1.20 | 3 Nos. | 3.60 | | - | | | 4 Nos. | 4.80 |
| v | Run-off Disposal/ Diversion Channel as per Estimate | | | | | | | 320 Rm | 1.46 | | | 320 Rm. | 1.460 |
| | Total of B | | | 3 Nos. | 3.15 | 10 Nos. | 14.25 | 5 Nos. | 8.36 | | | 18 Nos | 25.76 |
| | Total of A+ B | | | 45 Ha. | 3.795 | 36 Ha | 19.551 | 320 Rm | 9.605 | | | 320 Rm. | 32.951 |
| | | | | 3 Nos. | | 10 Nos. | | 5 Nos. | | | | 18 Nos | |
| C | Livelihood Activities | 3.61 % | | | 0.40 % | | 1.17 % | | 2.04 % | | | | 3.61 % |
| | for the asset less persons | | | | | | | | | | | | |
| i | Tailoring @ Rs 8,000 /- Unit | | | 2 Units | 0.16 | 1 Unit | 0.08 | 1 Unit | 0.08 | | | 4 Units | 0.32 |
| ii | Carpentry @ Rs 5,000 /- Unit | | | | - | 1 Unit | 0.05 | 5 Units | 0.25 | | | 6 Units | 0.30 |
| iii | Kitchen Gardening @ Rs 2,500 /- Unit | | | 1 Unit | 0.025 | 2 Units | 0.05 | 5 Units | 0.125 | | | 8 Units | 0.20 |
| iv | Weaving @ Rs 12,500 /- Unit | | | 1 Unit | 0.125 | 3 Units | 0.375 | 4 Units | 0.50 | | | 8 Units | 1.00 |
| v | Piggery @ Rs 8,000 /- Unit | | | 1 Unit | 0.08 | 4 Units | 0.32 | 4 Units | 0.32 | | | 9 Units | 0.72 |
| vi | Poultry @ Rs 8,000 /- Unit | | | | - | 5 Units | 0.40 | 8 Units | 0.64 | | | 13 Units | 1.04 |
| vii | Apiculture @ Rs 8,000 /- Unit | | | 1 Unit | 0.08 | 1 Unit | 0.08 | 5 Units | 0.40 | | | 7 Units | 0.56 |
| viii | Pisciculture @ Rs 10,000 /- Unit | | | 1 Unit | 0.10 | 1 Unit | 0.10 | 5 Units | 0.50 | | | 7 Units | 0.70 |
| ix | Compost Pit @ Rs 2,500 /- Unit | | | 1 Unit | 0.025 | 2 Units | 0.05 | 4 Units | 0.10 | | | 7 Units | 0.175 |
| x | Agricultural implements @ Rs 5,000 /- Unit | | | | | 5 Units | 0.25 | 3 Units | 0.15 | | | 8 Units | 0.40 |
| | Total of C | | | 8 Units | 0.595 | 25 Units | 1.755 | 44 Units | 3.065 | | | 77 Units | 5.415 |
| D | Production System | 4.17 % | | | 0.40 % | | 1.30 % | | 2.47 % | | | | 4.17 % |
| i | Piggery @ Rs 30,000 /- Unit | | | 1 Unit | 0.30 | 1 Unit | 0.30 | 3 Units | 0.90 | | | 5 Units | 1.50 |
| ii | Poultry @ Rs 30,000 /- Unit | | | 1 Unit | 0.30 | 1 Unit | 0.30 | 4 Unit | 1.20 | | | 6 Units | 1.80 |
| iii | Weaving/Handloom @ Rs 30,000 /- Unit | | | | - | 2 Units | 0.60 | 2 Units | 0.60 | | | 4 Units | 1.20 |
| iv | Betel Nut Processing @ Rs 50,000 /- Unit | | | | | 1 Unit | 0.50 | 1 Unit | 0.50 | | | 2 Units | 1.00 |
| v | Pisciculture @ Rs 25,000 /- Unit | | | | | 1 Unit | 0.25 | 2 Units | 0.50 | | | 3 Units | 0.75 |
| | Total of D | | | 2 Units | 0.60 | 6 Units | 1.95 | 12 Units | 3.70 | | | 20 Units | 6.25 |
| | Total of II (A+B+C+D+E) | | 3.00 | | 4.99 | | 23.256 | | 16.37 | | | | 47.616 |

CONVERGENCE OF IWMP - V

**ABSTRACT OF PERSPECTIVE PLAN FOR CONVERGENCE OF NREGS WITH IWMP 2011-12
UNDER IWMP-V**

| | |
|--------------------------------|------------------------------|
| Name of Watershed | IWMP V |
| Name of Watershed | Reso & Rompa Micro Watershed |
| Name of C&RD Block | Chokpot |
| Name of the District | South Garo Hills |
| Total No. of Job Card Holder : | 133 Household |

| | |
|---|----------------------|
| Total Wage Component @ Rs 117/- per annum in the 1st year | Rs. 1,54,800 |
| Total Wage Component @ Rs 117/- per annum in the 2nd year | Rs. 39,20,400 |
| Total Wage Component @ Rs 117/- per annum in the 3rd year | Rs. 1,54,800 |
| Total Wage Component @ Rs 117/- per annum in the 4th year | Rs. 0 |
| Total Wage Component | Rs. 42,30,000 |

| SI No. | Activities | Units | PROJECT PERIOD | | | | | | | | | | | | Total | | | Mandays to be Generated | |
|--------|---|-------|----------------|-----------|----------|---------|-----------|-----------|---------|-----------|----------|---------|-----------|----------|-----------|-----------|-----------|-------------------------|--------|
| | | | 2012-13 | | | 2013-14 | | | 2014-15 | | | 2015-16 | | | Financial | | | | |
| | | | Phy | Financial | | Phy | Financial | | Phy | Financial | | Phy | Financial | | Phy | Financial | | | Total |
| | | | | Wages | Material | | Wages | Material | | Wages | Material | | Wages | Material | | Wages | Material | | |
| 1 | Small Dug out Pond @ Rs. 75000 /- | Nos. | | | | 10 | 4,50,000 | 3,00,000 | | | | | | | 10 | 4,50,000 | 3,00,000 | 7,50,000 | 3,846 |
| 2 | Rubber Plantation @ Rs. 8,600 / Ha. | Ha. | 30 | 1,54,800 | 1,03,200 | 40 | 2,06,400 | 1,37,600 | 30 | 1,54,800 | 1,03,200 | | | | 100 | 5,16,000 | 3,44,000 | 8,60,000 | 4,410 |
| 3 | Protection Wall/Retaining Wall @ Rs. 1,20,000 /- | Nos. | | | | 12 | 8,64,000 | 5,76,000 | | | | | | | 12 | 8,64,000 | 5,76,000 | 14,40,000 | 7,385 |
| 4 | Water Harvesting @ Rs. 3,00,000 /- | | | | | 8 | 14,40,000 | 9,60,000 | | | | | | | 8 | 14,40,000 | 9,60,000 | 24,00,000 | 12,308 |
| 5 | CC Check Dam @ Rs. 2,00,000 /- | | | | | 8 | 9,60,000 | 6,40,000 | | | | | | | 8 | 9,60,000 | 6,40,000 | 16,00,000 | 8,205 |
| | Total | | | 1,54,800 | 1,03,200 | 38 | 39,20,400 | 26,13,600 | | 1,54,800 | 1,03,200 | | | | 38 | 42,30,000 | 28,20,000 | 70,50,000 | 36,154 |
| | | | 30 | Ha | | 40 | Ha | | 30 | Ha. | | | | 100 | Ha. | | | | |

Amount Allocated for Coverage for the period 2012-13 to 2015-16

1. Wage Component Rs 42,30,000.00
2. Material Component Rs. 28,20,000.00

Grand Total Rs. 70,50,000.00

Grand Total (Rupees Seventy Lakhs fifty Thousand) only

(L.N.Marak)
Divisional Officer, & Project Manager
Baghmara Soil & Water Cons. (CC) Division
South Garo Hills.

Deputy Commissioner & Chairman (WCDC)
South Garo Hills,
Baghmara.

**CONVERGENCE
OF
RESO MICRO WATERSHED
UNDER IWMP - V**

**ABSTRACT OF PERSPECTIVE PLAN FOR CONVERGENCE OF NREGS WITH IWMP 2011-12
UNDER RESO MICRO WATERSHED IWMP-V**

| | |
|--------------------------------|------------------------------|
| Name of Watershed | Reso Micro Watershed |
| Name of Village | Inchragre & Rongmai Songmong |
| Name of C&RD Block | Chokpot |
| Name of the District | South Garo Hills |
| Total No. of Job Card Holder : | 84 Household |

| | |
|---|----------------------|
| Total Wage Component @ Rs 117/- per annum in the 1st year | Rs. 77,400 |
| Total Wage Component @ Rs 117/- per annum in the 2nd year | Rs. 19,60,200 |
| Total Wage Component @ Rs 117/- per annum in the 3rd year | Rs. 77,400 |
| Total Wage Component @ Rs 117/- per annum in the 4th year | Rs. 0 |
| Total Wage Component | Rs. 21,15,000 |

| Sl No. | Activities | Units | PROJECT PERIOD | | | | | | | | | | | | Total | | | Mandays to be Generated | |
|--------|--|-------|----------------|-----------|----------|---------|-----------|-----------|---------|-----------|----------|---------|-----------|----------|-------|-----------|-----------|-------------------------|--------|
| | | | 2012-13 | | | 2013-14 | | | 2014-15 | | | 2015-16 | | | Total | | | | |
| | | | Phy | Financial | | Phy | Financial | | Phy | Financial | | Phy | Financial | | Phy | Financial | | | Total |
| | | | | Wages | Material | | Wages | Material | | Wages | Material | | Wages | Material | | Wages | Material | | |
| 1 | Small Dug out Pond @ Rs. 75000 /- | Nos. | | | | 5 | 2,25,000 | 1,50,000 | | | | | | | 5 | 2,25,000 | 1,50,000 | 3,75,000 | 1,924 |
| 2 | Rubber Plantation @ Rs. 8,600 / Ha. | Ha. | 15 | 77,400 | 51,600 | 20 | 1,03,200 | 68,800 | 15 | 77,400 | 51,600 | | | | 50 | 2,58,000 | 1,72,000 | 4,30,000 | 2,205 |
| 3 | Protection Wall/Retaining Wall @ Rs. 1,20,000 /- | Nos. | | | | 6 | 4,32,000 | 2,88,000 | | | | | | | 6 | 4,32,000 | 288000 | 7,20,000 | 3,692 |
| 4 | Water Harvesting @ Rs. 3,00,000 /- | | | | | 4 | 7,20,000 | 4,80,000 | | | | | | | 4 | 720000 | 480000 | 12,00,000 | 6,154 |
| 5 | CC Check Dam @ Rs. 2,00,000 /- | | | | | 4 | 480000 | 3,20,000 | | | | | | | 4 | 480000 | 320000 | 8,00,000 | 4,102 |
| | Total | | | 77,400 | 51,600 | 19 | 19,60,200 | 13,06,800 | | 77,400 | 51,600 | | | | 19 | 21,15,000 | 14,10,000 | 35,25,000 | 18,077 |
| | | | 15 | Ha | | 20 | Ha | | 15 | Ha. | | | | | 50 | Ha. | | | |

Amount Allocated for Coverage for the period 2012-13 to 2015-16

1. Wage Component Rs 21,15,000.00
2. Material Component Rs. 14,10,000.00

Grand Total Rs. 35,25,000.00

Grand Total (Rupees Thirty Five Lakhs Twenty Five Thousand) only

President
Inchragre & Rangmai Songmong VEC
Chokpot C&RD Block
South Garo Hills.

Deputy Commissioner
South Garo Hills,
Baghmara.

Secretary
Inchragre & Rangmai Songmong VEC
Chokpot C&RD Block
South Garo Hills.

**CONVERGENCE (VILLAGE PLAN)
OF
RESO MICRO WATERSHED
UNDER IWMP - V**

UNDER RESO MICRO WATERSHED IWMP-V

| | |
|--------------------------------|----------------------|
| Name of Watershed | Reso Micro Watershed |
| Name of Village | Inchragre |
| Name of C&RD Block | Chokpot |
| Name of the District | South Garo Hills |
| Total No. of Job Card Holder : | 45 Household |

| | |
|---|----------------------|
| Total Wage Component @ Rs 117/- per annum in the 1st year | Rs. 77,400 |
| Total Wage Component @ Rs 117/- per annum in the 2nd year | Rs. 10,02,600 |
| Total Wage Component @ Rs 117/- per annum in the 3rd year | Rs. 0 |
| Total Wage Component @ Rs 117/- per annum in the 4th year | Rs. 0 |
| Total Wage Component | Rs. 10,80,000 |

| SI No. | Activities | Units | PROJECT PERIOD | | | | | | | | | | | | Total | | | Mandays to be Generated | |
|--------|---|-------|----------------|-----------|----------|---------|-----------|----------|---------|-----------|----------|---------|-----------|----------|-------|-----------|----------|-------------------------|-------|
| | | | 2012-13 | | | 2013-14 | | | 2014-15 | | | 2015-16 | | | Total | | | | |
| | | | Phy | Financial | | Phy | Financial | | Phy | Financial | | Phy | Financial | | Phy | Financial | | | |
| | | | | Wages | Material | | Wages | Material | | Wages | Material | | Wages | Material | | Total | | | |
| 1 | Small Dug out Pond @ Rs. 75000 /- | Nos. | | | | 3 | 1,35,000 | 90,000 | | | | | | | 3 | 1,35,000 | 90,000 | 2,25,000 | 1,154 |
| 2 | Rubber Plantation @ Rs. 8,600 / Ha. | Ha. | 15 | 77,400 | 51,600 | 10 | 51,600 | 34,400 | | | | | | | 25 | 1,29,000 | 86,000 | 2,15,000 | 1,102 |
| 3 | Protection Wall/Retaining Wall @ Rs. 1,20,000 /- | Nos. | | | | 3 | 2,16,000 | 1,44,000 | | | | | | | 3 | 2,16,000 | 144000 | 3,60,000 | 1,846 |
| 4 | Water Harvesting @ Rs. 3,00,000 /- | | | | | 2 | 3,60,000 | 2,40,000 | | | | | | | 2 | 360000 | 240000 | 6,00,000 | 3,077 |
| 5 | CC Check Dam @ Rs. 2,00,000 /- | | | | | 2 | 240000 | 1,60,000 | | | | | | | 2 | 240000 | 160000 | 4,00,000 | 2,051 |
| | Total | | | 77,400 | 51,600 | 10 | 10,02,600 | 6,68,400 | | | | | | | 10 | 10,80,000 | 7,20,000 | 18,00,000 | 9,230 |
| | | | 15 | Ha | | 10 | Ha | | | | | | | | 25 | Ha. | | | |

Amount Allocated for Covergence for the period 2012-13 to 2015-16

| | | |
|-----------------------|------------|---------------------|
| 1. Wage Component | Rs | 10,80,000.00 |
| 2. Material Component | Rs. | 7,20,000.00 |
| Grand Total | Rs. | 18,00,000.00 |

Grand Total (Rupees Eighteen Lakhs) only

President
Inchragre VEC
Chokpot C&RD Block
South Garo Hills.

Deputy Commissioner
South Garo Hills,
Baghmara.

Secretary
Inchragre VEC
Chokpot C&RD Block
South Garo Hills.

**ABSTRACT OF PERSPECTIVE PLAN FOR CONVERGENCE OF NREGS WITH IWMP 2011-12
UNDER RESO MICRO WATERSHED IWMP-V**

| | |
|--------------------------------|----------------------|
| Name of Watershed | Reso Micro Watershed |
| Name of Village | Rongmai Songmong |
| Name of C&RD Block | Chokpot |
| Name of the District | South Garo Hills |
| Total No. of Job Card Holder : | 39 Household |

| | |
|---|----------------------|
| Total Wage Component @ Rs 117/- per annum in the 1st year | Rs. 0 |
| Total Wage Component @ Rs 117/- per annum in the 2nd year | Rs. 9,57,600 |
| Total Wage Component @ Rs 117/- per annum in the 3rd year | Rs. 77,400 |
| Total Wage Component @ Rs 117/- per annum in the 4th year | Rs. 0 |
| Total Wage Component | Rs. 10,35,000 |

| Sl No. | Activities | Units | PROJECT PERIOD | | | | | | | | | | | | Total | | | Mandays to be Generated | |
|--------|---|-------|----------------|-----------|----------|---------|-----------|----------|---------|-----------|----------|---------|-----------|----------|-------|-----------|----------|-------------------------|-------|
| | | | 2012-13 | | | 2013-14 | | | 2014-15 | | | 2015-16 | | | | | | | |
| | | | Phy | Financial | | Phy | Financial | | Phy | Financial | | Phy | Financial | | Phy | Financial | | | |
| | | | | Wages | Material | | Wages | Material | | Wages | Material | | Wages | Material | | Wages | Material | | Total |
| 1 | Small Dug out Pond @ Rs. 75000 /- | Nos. | | | | 2 | 90,000 | 60,000 | | | | | | | 2 | 90,000 | 60,000 | 1,50,000 | 769 |
| 2 | Rubber Plantation @ Rs. 8,600 / Ha. | Ha. | | | | 10 | 51,600 | 34,400 | 15 | 77,400 | 51,600 | | | | 25 | 1,29,000 | 86,000 | 2,15,000 | 1,102 |
| 3 | Protection Wall/Retaining Wall @ Rs. 1,20,000 /- | Nos. | | | | 3 | 2,16,000 | 1,44,000 | | | | | | | 3 | 2,16,000 | 144000 | 3,60,000 | 1,846 |
| 4 | Water Harvesting @ Rs. 3,00,000 /- | | | | | 2 | 3,60,000 | 2,40,000 | | | | | | | 2 | 360000 | 240000 | 6,00,000 | 3,077 |
| 5 | CC Check Dam @ Rs. 2,00,000 /- | | | | | 2 | 240000 | 1,60,000 | | | | | | | 2 | 240000 | 160000 | 4,00,000 | 2,051 |
| | Total | | | | | 9 | 9,57,600 | 6,38,400 | | 77,400 | 51,600 | | | | 9 | 10,35,000 | 6,90,000 | 17,25,000 | 8,845 |
| | | | | | | 10 | Ha | | 15 | Ha. | | | | | 25 | Ha. | | | |

Amount Allocated for Coverage for the period 2012-13 to 2015-16

1. Wage Component Rs 10,35,000.00

2. Material Component Rs. 6,90,000.00

Grand Total Rs. 17,25,000.00

Grand Total (Rupees Seventeen Lakhs Twenty Five Thousand) only

President
Rangmai Songmong VEC
Chokpot C&RD Block
South Garo Hills.

Deputy Commissioner
South Garo Hills,
Baghmara.

Secretary
Rangmai Songmong VEC
Chokpot C&RD Block
South Garo Hills.

**CONVERGENCE
OF
ROMPA MICRO WATERSHED
UNDER IWMP - V**

**ABSTRACT OF PERSPECTIVE PLAN FOR CONVERGENCE OF NREGS WITH IWMP 2011-12
UNDER ROMPA MICRO WATERSHED IWMP-V**

| | |
|--------------------------------|---------------------------------------|
| Name of Watershed | Rompa Micro Watershed |
| Name of Village | Aruakgre, Renguagre & Jongjang Gittim |
| Name of C&RD Block | Chokpot |
| Name of the District | South Garo Hills |
| Total No. of Job Card Holder : | 49 Household |

| | |
|---|----------------------|
| Total Wage Component @ Rs 117/- per annum in the 1st year | Rs. 77,400 |
| Total Wage Component @ Rs 117/- per annum in the 2nd year | Rs. 19,60,200 |
| Total Wage Component @ Rs 117/- per annum in the 3rd year | Rs. 77,400 |
| Total Wage Component @ Rs 117/- per annum in the 4th year | Rs. 0 |
| Total Wage Component | Rs. 21,15,000 |

| Sl No. | Activities | Units | PROJECT PERIOD | | | | | | | | | | | | Total | | | Mandays to be Generated | | |
|--------|---|----------|----------------|-----------|----------|---------|-----------|-----------|---------|-----------|----------|---------|-----------|----------|-----------|-----------|-----------|-------------------------|----------|-------|
| | | | 2012-13 | | | 2013-14 | | | 2014-15 | | | 2015-16 | | | Financial | | | | | |
| | | | Phy | Financial | | Phy | Financial | | Phy | Financial | | Phy | Financial | | Phy | Wages | Material | | Total | |
| | Wages | Material | | Wages | Material | | Wages | Material | | Wages | Material | | Wages | Material | Total | | | | | |
| 1 | Small Dug out Pond @ Rs. 75000 /- | Nos. | | | | 5 | 2,25,000 | 1,50,000 | | | | | | | | 5 | 2,25,000 | 1,50,000 | 3,75,000 | 1,924 |
| 2 | Rubber Plantation @ Rs. 8,600 / Ha. | Ha. | 15 | 77,400 | 51,600 | 20 | 1,03,200 | 68,800 | 15 | 77,400 | 51,600 | | | | 50 | 2,58,000 | 1,72,000 | 4,30,000 | 2,205 | |
| 3 | Protection Wall/Retaining Wall @ Rs. 1,20,000 /- | Nos. | | | | 6 | 4,32,000 | 2,88,000 | | | | | | | 6 | 4,32,000 | 288000 | 7,20,000 | 3,692 | |
| 4 | Water Harvesting @ Rs. 3,00,000 /- | | | | | 4 | 7,20,000 | 4,80,000 | | | | | | | 4 | 720000 | 480000 | 12,00,000 | 6,154 | |
| 5 | CC Check Dam @ Rs. 2,00,000 /- | | | | | 4 | 480000 | 3,20,000 | | | | | | | 4 | 480000 | 320000 | 8,00,000 | 4,102 | |
| | Total | | | 77,400 | 51,600 | 19 | 19,60,200 | 13,06,800 | | 77,400 | 51,600 | | | | 19 | 21,15,000 | 14,10,000 | 35,25,000 | 18,077 | |
| | | | 15 | Ha | | 20 | Ha | | 15 | Ha. | | | | 50 | Ha. | | | | | |

Amount Allocated for Coverage for the period 2012-13 to 2015-16

1. Wage Component Rs 21,15,000.00

2. Material Component Rs. 14,10,000.00

Grand Total Rs. 35,25,000.00

Grand Total (Rupees Thirty Five Lakhs Twenty Five Thousand) only

President
Aruakgre, Renguagre & Jongjang Gittim VEC
Chokpot C&RD Block
South Garo Hills.

Deputy Commissioner
South Garo Hills,
Baghmara.

Secretary
Aruakgre, Renguagre & Jongjang Gittim VEC
Chokpot C&RD Block
South Garo Hills.

**ABSTRACT OF PERSPECTIVE PLAN FOR CONVERGENCE OF NREGS WITH IWMP 2011-12
UNDER ROMPA MICRO WATERSHED IWMP-V**

| | |
|--------------------------------|-----------------------|
| Name of Watershed | Rompa Micro Watershed |
| Name of Village | Aruakgre |
| Name of C&RD Block | Chokpot |
| Name of the District | South Garo Hills |
| Total No. of Job Card Holder : | 21 Household |

| | |
|---|---------------------|
| Total Wage Component @ Rs 117/- per annum in the 1st year | Rs. 25,800 |
| Total Wage Component @ Rs 117/- per annum in the 2nd year | Rs. 7,55,280 |
| Total Wage Component @ Rs 117/- per annum in the 3rd year | Rs. 25,800 |
| Total Wage Component @ Rs 117/- per annum in the 4th year | Rs. 0 |
| Total Wage Component | Rs. 8,06,880 |

| Sl No. | Activities | Units | PROJECT PERIOD | | | | | | | | | | | | Total | | | Mandays to be Generated | |
|--------|--|-------|----------------|-----------|----------|---------|-----------|----------|---------|-----------|----------|---------|-----------|----------|-----------|-----------|----------|-------------------------|-------|
| | | | 2012-13 | | | 2013-14 | | | 2014-15 | | | 2015-16 | | | Financial | | | | |
| | | | Phy | Financial | | Phy | Financial | | Phy | Financial | | Phy | Financial | | Phy | Financial | | | |
| | | | | Wages | Material | | Wages | Material | | Wages | Material | | Wages | Material | | Wages | Material | | Total |
| 1 | Small Dug out Pond @ Rs. 75000 /- | Nos. | | | | 2 | 90,000 | 60,000 | | | | | | | 2 | 90,000 | 60,000 | 1,50,000 | 769 |
| 2 | Rubber Plantation @ Rs. 8,600 / Ha. | Ha. | 5 | 25,800 | 17,200 | 8 | 41,280 | 27,520 | 5 | 25,800 | 17,200 | | | | 18 | 92,880 | 61,920 | 1,54,800 | 794 |
| 3 | Protection Wall/Retaining Wall @ Rs. 1,20,000 /- | Nos. | | | | 2 | 1,44,000 | 96,000 | | | | | | | 2 | 1,44,000 | 96,000 | 2,40,000 | 1,231 |
| 4 | Water Harvesting @ Rs. 3,00,000 /- | | | | | 2 | 3,60,000 | 2,40,000 | | | | | | | 2 | 360,000 | 240,000 | 6,00,000 | 3,077 |
| 5 | CC Check Dam @ Rs. 2,00,000 /- | | | | | 1 | 120,000 | 80,000 | | | | | | | 1 | 120,000 | 80,000 | 2,00,000 | 1,026 |
| | Total | | | 25,800 | 17,200 | 7 | 7,55,280 | 5,03,520 | | 25,800 | 17,200 | | | | 7 | 8,06,880 | 5,37,920 | 13,44,800 | 6,897 |
| | | | 5 | Ha | | 8 | Ha | | 5 | Ha. | | | | | 18 | Ha. | | | |

Amount Allocated for Coverage for the period 2012-13 to 2015-16

1. Wage Component Rs 8,06,880.00

2. Material Component Rs. 5,37,920.00

Grand Total Rs. 13,44,800.00

Grand Total (Rupees Thirteen Lakhs Forty Four Thousand Eight Hundred) only

President
Aruakgre VEC
Chokpot C&RD Block
South Garo Hills.

Deputy Commissioner
South Garo Hills,
Baghmara.

Secretary
Aruakgre VEC
Chokpot C&RD Block
South Garo Hills.

**ABSTRACT OF PERSPECTIVE PLAN FOR CONVERGENCE OF NREGS WITH IWMP 2011-12
UNDER ROMPA MICRO WATERSHED IWMP-V**

| | |
|--------------------------------|-----------------------|
| Name of Watershed | Rompa Micro Watershed |
| Name of Village | Renguagre |
| Name of C&RD Block | Chokpot |
| Name of the District | South Garo Hills |
| Total No. of Job Card Holder : | 22 Household |

| | |
|---|---------------------|
| Total Wage Component @ Rs 117/- per annum in the 1st year | Rs. 25,800 |
| Total Wage Component @ Rs 117/- per annum in the 2nd year | Rs. 6,95,280 |
| Total Wage Component @ Rs 117/- per annum in the 3rd year | Rs. 25,800 |
| Total Wage Component @ Rs 117/- per annum in the 4th year | Rs. 0 |
| Total Wage Component | Rs. 7,46,880 |

| Sl No. | Activities | Units | PROJECT PERIOD | | | | | | | | | | | | Total | | | Mandays to be Generated | |
|--------|---|-------|----------------|-----------|----------|---------|-----------|----------|---------|-----------|----------|---------|-----------|----------|-------|-----------|----------|-------------------------|-------|
| | | | 2012-13 | | | 2013-14 | | | 2014-15 | | | 2015-16 | | | Total | | | | |
| | | | Phy | Financial | | Phy | Financial | | Phy | Financial | | Phy | Financial | | Phy | Financial | | | |
| | | | | Wages | Material | | Wages | Material | | Wages | Material | | Wages | Material | | Total | | | |
| 1 | Small Dug out Pond @ Rs. 75000 /- | Nos. | | | | 2 | 90,000 | 60,000 | | | | | | | 2 | 90,000 | 60,000 | 1,50,000 | 769 |
| 2 | Rubber Plantation @ Rs. 8,600 / Ha. | Ha. | 5 | 25,800 | 17,200 | 8 | 41,280 | 27,520 | 5 | 25,800 | 17,200 | | | | 18 | 92,880 | 61,920 | 1,54,800 | 794 |
| 3 | Protection Wall/Retaining Wall @ Rs. 1,20,000 /- | Nos. | | | | 2 | 1,44,000 | 96,000 | | | | | | | 2 | 1,44,000 | 96,000 | 2,40,000 | 1,231 |
| 4 | Water Harvesting @ Rs. 3,00,000 /- | | | | | 1 | 1,80,000 | 1,20,000 | | | | | | | 1 | 180000 | 120000 | 3,00,000 | 1,538 |
| 5 | CC Check Dam @ Rs. 2,00,000 /- | | | | | 2 | 240000 | 1,60,000 | | | | | | | 2 | 240000 | 160000 | 4,00,000 | 2,051 |
| | Total | | | 25,800 | 17,200 | 7 | 6,95,280 | 4,63,520 | | 25,800 | 17,200 | | | | 7 | 7,46,880 | 4,97,920 | 12,44,800 | 6,383 |
| | | | 5 | Ha | | 8 | Ha | | 5 | Ha. | | | | | 18 | Ha. | | | |

Amount Allocated for Coverage for the period 2012-13 to 2015-16

1. Wage Component Rs 7,46,880.00

2. Material Component Rs. 4,97,920.00

Grand Total Rs. 12,44,800.00

Grand Total (Rupees Twelve Lakhs Forty Four Thousand Eight Hundred) only

President
Renguagre VEC
Chokpot C&RD Block
South Garo Hills.

Deputy Commissioner
South Garo Hills,
Baghmara.

Secretary
Renguagre VEC
Chokpot C&RD Block
South Garo Hills.

**ABSTRACT OF PERSPECTIVE PLAN FOR CONVERGENCE OF NREGS WITH IWMP 2011-12
UNDER ROMPA MICRO WATERSHED IWMP-V**

| | |
|--------------------------------|-----------------------|
| Name of Watershed | Rompa Micro Watershed |
| Name of Village | Jongjang Gittim |
| Name of C&RD Block | Chokpot |
| Name of the District | South Garo Hills |
| Total No. of Job Card Holder : | 6 Household |

| | |
|---|---------------------|
| Total Wage Component @ Rs 117/- per annum in the 1st year | Rs. 25,800 |
| Total Wage Component @ Rs 117/- per annum in the 2nd year | Rs. 5,09,640 |
| Total Wage Component @ Rs 117/- per annum in the 3rd year | Rs. 25,800 |
| Total Wage Component @ Rs 117/- per annum in the 4th year | Rs. 0 |
| Total Wage Component | Rs. 5,61,240 |

| Sl No. | Activities | Units | PROJECT PERIOD | | | | | | | | | | | | Total | | | Mandays to be Generated | | |
|--------|--|----------|----------------|-----------|----------|---------|-----------|----------|---------|-----------|----------|---------|-----------|----------|-------|-----------|----------|-------------------------|--------|-----|
| | | | 2012-13 | | | 2013-14 | | | 2014-15 | | | 2015-16 | | | Total | | | | | |
| | | | Phy | Financial | | Phy | Financial | | Phy | Financial | | Phy | Financial | | Phy | Financial | | | | |
| | Wages | Material | | Wages | Material | | Wages | Material | | Wages | Material | | Wages | Material | Total | | | | | |
| 1 | Small Dug out Pond @ Rs. 75000 /- | Nos. | | | | 1 | 45,000 | 30,000 | | | | | | | | 1 | 45,000 | 30,000 | 75,000 | 385 |
| 2 | Rubber Plantation @ Rs. 8,600 / Ha. | Ha. | 5 | 25,800 | 17,200 | 4 | 20,640 | 13,760 | 5 | 25,800 | 17,200 | | | | 14 | 72,240 | 48,160 | 1,20,400 | 617 | |
| 3 | Protection Wall/Retaining Wall @ Rs. 1,20,000 /- | Nos. | | | | 2 | 1,44,000 | 96,000 | | | | | | | 2 | 1,44,000 | 96,000 | 2,40,000 | 1,231 | |
| 4 | Water Harvesting @ Rs. 3,00,000 /- | | | | | 1 | 1,80,000 | 1,20,000 | | | | | | | 1 | 180,000 | 120,000 | 3,00,000 | 1,538 | |
| 5 | CC Check Dam @ Rs. 2,00,000 /- | | | | | 1 | 120,000 | 80,000 | | | | | | | 1 | 120,000 | 80,000 | 2,00,000 | 1,026 | |
| | Total | | | 25,800 | 17,200 | 5 | 5,09,640 | 3,39,760 | | 25,800 | 17,200 | | | | 5 | 5,61,240 | 3,74,160 | 9,35,400 | 4,797 | |
| | | | 5 | Ha | | 4 | Ha | | 5 | Ha. | | | | | 14 | Ha. | | | | |

Amount Allocated for Covergence for the period 2012-13 to 2015-16

1. Wage Component Rs 5,61,240.00
2. Material Component Rs. 3,74,160.00

Grand Total Rs. 9,35,400.00

Grand Total (Rupees Nine Lakhs Thirty Five Thousand Four Hundred) only

President
Jongjang Gittim VEC
Chokpot C&RD Block
South Garo Hills.

Deputy Commissioner
South Garo Hills,
Baghmara.

Secretary
Jongjang Gittim VEC
Chokpot C&RD Block
South Garo Hills.

Details of the types of areas covered under the IWMP Programme:

| 1 | 2 | 3 | | 4 | 5 | 6 | 7 | | | | 8 | | | | |
|---------------------------|------------------|-------------------------------|---------|---|----------------------------|---|-----------------------------------|---------------------------|------------------------|--------------|--|-------------|----------------|----------------------|-----------------|
| Names of Projects | Year of sanction | Project duration (dd/mm/yyyy) | | Area of the projects to be treated (Treatable Area) | Project cost (Rs. In lakh) | Names of Micro watersheds & Code nos. (as per DoLR's unique codification) | Treatable Area (ha) (As per LULC) | | | | Area details (ha) (falling within the projects) (As per ownership) | | | | |
| | | From | To | | | | Cultivated rainfed area | Cultivated irrigated area | Uncultivated wasteland | | Pvt. Agri. Land | Forest land | Community land | Others (pl. specify) | Total area (ha) |
| | | | | | | | | | a) Temporary fallow | b) Permanent | | | | | |
| South Garo Hills – IWMP V | 2011-12 | 2011-12 | 2015-16 | 2000 Ha | 300 Lakhs | IWMP-V Reso & Rompa WC | 489 Ha | Nil | 1511 Ha | - | 65.63 | 1300 | 9 | 625.37 | 2,000 |

Fund provision for the IWMP projects from all sources:

| 1 | 2 | | 3 | | | | | | | | | | 4 |
|---------------------------|---------------|-------------|--|----------------|------------------------|-------------------------|-----------|-------------------------|-----------------------|-------------------------|----------------------|-------------------------|-------------|
| Name of Projects | IWMP Fund | | Funds from other sources in addition to IWMP funds | | | | | | | | | | Total |
| | | | Convergence funds | | PPP | | Community | | Institutional finance | | Others (Pl. specify) | | |
| | Central Share | State Share | Name of Scheme | Amount (Lakhs) | Name of private sector | Financial contri-bution | Name | Financial contri-bution | Name | Financial contri-bution | Name | Financial contri-bution | |
| South Garo Hills – IWMP V | 270 lakhs | 30 lakhs | NREGS | 42.30 | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | 342.3 lakhs |

Details of Project Fund Accounts of Distt. Agency and Watershed Committees:

| 1 | 2 | | | | 3 | | | | |
|---------------------------|---|--|---|---|---|---|--|--|---|
| Names of Projects | Distt. Agency's Project Account details | | | | Watershed Committee (WC) account details: | | | | |
| | Name of the Bank and Branch where project account has been opened | Account Number (to be obtained confidentially) | Account type (Savings/ Current/ Others) | Name & Designation of authorized persons who operate the account. | Name of Watershed Committee | Name of the Bank and Branch where project account has been opened | Account number (to be obtained confidentially) | Account type (Savings/ current others) | Name & Designation of authorized persons who operate the account. |
| South Garo Hills – IWMP V | State Bank of India, Baghmara Branch | - | Saving | Shri L.N Marak, DS&WCO | Reso Micro Watershed Committee | SBI, Baghmara | - | Saving | Chairman W.C, Secretary W.C, Project Leader / WDT |
| | | | | | Rompa Micro Watershed Committee | | | | |

Details of Convergence of IWMP with other Schemes:

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---------|------------------|---------------------------|--|--|---|--|---|
| Sl. No. | District | Names of projects | Names of Departments with Schemes converging with IWMP | Fund to be made available to IWMP due to convergence (Rs. in lakh) | 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 ^{\$} |
| | | | | | (a) Structures (b) livelihoods (c) Any other (pl. specify) [#] | | |
| 1 | South Garo Hills | South Garo Hills – IWMP-V | * Community Rural Development Department NREGS | 42.30 | (a)Dug-out Pond 10 Nos. (b)Rubber Plantation 100 Ha (c)Protection Wall/Retaining Wall 12 Nos (d) C.C Check Dam 8 Nos. (e) Water Harvesting 8 Nos. | - | Block Level & District Level |
| 2 | | | | | | | |

Note: Rongmai Songmong, Inchrage, Aruakgre, Jongjanggre and Rengguagre Villages

| | | |
|--|-------------------|-----------------------|
| (a)Dug-out pond 10 No.s | Wages-4.50 Lakhs; | Material-3.0 Lakhs; |
| (b)Rubber Plantation 100 Ha | Wages-5.16 Lakhs; | Material-3.44 Lakhs; |
| (c)Protection Wall/Retaining Wall 12 nos | Wages-8.64 Lakhs; | Material-5.76 Lakhs; |
| (d)CC. Check Dam 8 nos | Wages-9.60 Lakhs; | Material-6.40 Lakhs; |
| (e)Water Harvesting 8 nos | Wages-1.44 Lakhs; | Material- 9.60 Lakhs; |

CHAPTER VI
CAPACITY BUILDING

CHAPTER VI CAPACITY BUILDING

Capacity Building is a process to systematically upgrade the skill of individuals or groups for achieving a specific target. Capacity building in the project has been planned for all the stake holders involved i.e. State Level, District Level, Project Level and Village Level. The relevant details pertaining to Capacity Building has been shown below.

Table 6.1: List of approved Training Institutes for Capacity Building:

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-------|-----------|--------------------------------|---|---|--------------------------------|--|
| S. No | State | Name of the Training Institute | Full Address with contact no., website & e-mail | Name & Designation of the Head of Institute | Type of Institute [#] | Area(s) of specialization ^{\$} |
| 1 | Meghalaya | NIRD (NER) | Guwahati | Director | Central Govt. | Remote Sensing, Rural Devt. |
| 2 | | SIRD | Nongsder | Director | State Govt. | Capacity Building |
| 3 | | RRTC | Umran | Director | Don-Bosco | Agri-Horti, Animal Husbandry, Entrepreneurship |
| 4 | | ICAR | Umiam | Director | Central Govt. | Do |
| 5 | | NEHU | Tura, Campus | Director | State Govt. | Academic & Research |
| 6 | | CTI | Byrnihat | Jt. Director | State Govt. | Watershed Management |

- From Column no. 2, total no. of States implementing the programme, from Column no. 3, no. of training institutes, from column No. 9, total no. of category-wise trainings and trainees may be given at the end of the table for the entire country
- # Central govt. Dept./ State govt. Dept./ Autonomous Body/ Research Institutes/ Universities/ Others (pl. specify)

\$ Capacity Building/ Agriculture/ Horticulture/ Animal Husbandry/ Pisciculture/ Remote Sensing/ Water conservation/ Ground water/ Forestry/ livelihoods/ entrepreneurship development/ others (pl. specify)

@ The training institutes must fulfill the conditions mentioned in the operations guidelines.

- (i) Technical experts in fields required by IWMP
- (ii) Past experiences
- (iii) Annual Turnover
- (iv) Receives funds either from the Central or State Government
- (v) Publications
- (vi) Not blacklisted by any Govt. organizations
- (vii) Audited accounts
- (viii) Organizational structure

Table 6.2: Capacity Building activities for the 5 (Five) years.

| 1 | 2 | 3 | 4 | | | | | 5 |
|-------------------------|---|--|--|----------------------|----------------------|----------------------|----------------------|------------|
| Project | Type of Training/ Capacity Building | Agency/Institution to provide training | No. of Trainings targeted during each financial year | | | | | Total |
| | | | 1 st Year | 2 nd Year | 3 rd Year | 4 th Year | 5 th Year | |
| PIAs | GIS, Watershed management etc. | NIRD, Guwahati, Hyderabad | 3 | 3 | 3 | 1 | - | 10 |
| WDTs | GIS, Watershed management etc. | NIRD, Guwahati | 2 | 2 | 1 | - | - | 5 |
| UGs | Watershed Management, Forming of UGs etc. | MRDS, Baghmara SIRD, Nongsder, Baghmara Soil | 4 | 4 | 4 | 4 | 4 | 20 |
| SHGs | Watershed Management, Livestock Management Forming of SHGs etc. | MRDS, Baghmara SIRD, Nongsder, Bethany Society Tebronggre, Baghmara Soil | 6 | 6 | 6 | 6 | 6 | 30 |
| WCs | Watershed Management, Livestock Management, Forming of UGs etc. | MRDS, Baghmara SIRD, Nongsder, Bethany Society Tebronggre, Baghmara Soil | 4 | 4 | 4 | 4 | 4 | 20 |
| GPs | Watershed Management, Forming of UGs etc. | MRDS, Baghmara SIRD, Nongsder, Baghmara Soil | 3 | 3 | 3 | 3 | 3 | 15 |
| Community | Watershed Management, Forming of UGs etc. | MRDS, Baghmara SIRD, Nongsder, Baghmara Soil | 30 | 30 | 30 | 30 | 30 | 150 |
| Others (Pl. specify) | | | | | | | | |

Table 6.3: Information, Education & Communication (IEC) activities for the year 2011-12 as on 31/11/2011 (dd/mm/yyyy)*

| Sl. No. | 1 | 2 | 3 |
|---------|---|--|---|
| | Activity | Executing agency | Estimated expenditure (Rs. in Lakhs) |
| 1. | Distribution of Pamphlets, Translation & Distribution of IWMP Guidelines, Videos Shows of Success Stories/Good Practices etc. | PIA, Bagahmara Soil & water Conservation | 3.0 |
| | | | |

CHAPTER VII
EXPECTED OUTCOME

CHAPTER VII EXPECTED OUTCOME

Table 7.1 Employment related outcomes:

| Sl No | Name of Villages | 1 | | | | | | | | | | 2 | | | | |
|-------|------------------|-----------------|-------|-----|-------|-------|----------------------|-------|-----|-------|-------|----------------------|-------|-----|-------|-------|
| | | Wage employment | | | | | | | | | | Self employment | | | | |
| | | No. of mandays | | | | | No. of beneficiaries | | | | | No. of beneficiaries | | | | |
| | | SC | ST | Men | Women | Total | SC | ST | Men | Women | Total | SC | ST | Men | Women | Total |
| 1. | Rangmai Songmong | | 100 % | | | | | 100 % | | | | | 100 % | | | |
| 2. | Inchragre | | 100% | | | | | 100 % | | | | | 100 % | | | |
| 3 | Aruakgre | | 100 % | | | | | 100 % | | | | | 100 % | | | |
| 4 | Jongjang gittim | | 100% | | | | | 100 % | | | | | 100 % | | | |
| 5 | Rengguagre | | 100% | | | | | 100 % | | | | | 100 % | | | |

Table 7.2 Migration Details:

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
|------------------------|-------------------|-----------------|--------------------------|-----------------------------------|-------------------------------|--|-----------------------------|---|---|-----------------|
| Names of the Districts | Names of Projects | Name of village | No. of persons migrating | No. of days per year of migration | Major reason(s) for migrating | Distance of destination of migration from the village (km) | Occupation during migration | Income from such occupation (Rs. in lakh) | For reduced migration identify major activities of IWMP responsible | |
| | | | | | | | | | (a) Structures | (b) Livelihoods |
| | | | | N | I | L | | | | |

* From column no. 2, total number of States; from column no. 3, total no. of Districts; from column no. 4, total no. of projects; from column no. 5, total no. of villages; from column no. 6, total no. of persons migrating; from column no. 7, average no. of days for annual migration; from column no. 9, average distance of migration from the village and from column no. 11, average income from occupation during migration, for the entire country may be given at the end of the Table.

Table 7.5.2 Status of Drinking water:

| 1 | | | 2 | | | 3 |
|--------------------------------|--------------|------------------------|---------------------------|--------------|-------------------|----------|
| Availability of drinking water | | | Quality of drinking water | | | Comments |
| Pre-project | Post-project | Change in availability | Pre-project | Post-project | Change in quality | |
| Insufficient | Sufficient | 10 – 12 months | Moderate | Improved | Improved | - |
| | | | | | | |

* From column no. 2, total number of States implementing the programme, from column no. 3, total no. of Districts; from column no. 4, category-wise no. of projects, from column no. 5, average no. of months may be given at the end of the table for the entire country.

Table 7.5.3 Water Use efficiency:

| 1 | 2 | 3 | | | |
|---------------------|--------------------|---|---|------------------------|-------|
| Name of the project | Name of major crop | Water savings in cu.m. | | | |
| | | through water saving devices [§] | through water conserving agronomic practices [#] | Any other (pl specify) | Total |
| SGH-IWMP-V | | | | - | - |
| | | | | | |

* From column no. 2, total number of States implementing the programme, from column no. 3, total no. of Districts; from column no. 4, total no. of projects, from column no. 6, practice-wise totals may be mentioned at the end of the table for the entire country.

[§] Sprinkler, Drip, PVC pipe, etc.

[#] Vermi-compost, organic manuring, Mulching, Check basin, Alternate furrow, Ridges & furrow & other scientific practices.

Table 7.6: Vegetation/ crop related outcomes:

Table 7.6.1 Details of Kharif crop area and yield in the project areas:

| 1 | 2 | 3 | | | | | | 4 | | | | | | 5 | | | | | |
|-------------|-------------|-------------|-------|-----------------------------|-----|------------------------|--------|-----------|-----|----------------------------|-----|------------------------|------|--------------|-----|----------------------------|-----|------------------------|------|
| | | Pre-project | | | | | | Mid-term | | | | | | Post-project | | | | | |
| | | Area (ha) | | Average Yield (Qtl) per ha. | | Total Production (Qtl) | | Area (ha) | | Average Yield per ha (Qtl) | | Total Production (Qtl) | | Area (ha) | | Average Yield per ha (Qtl) | | Total Production (Qtl) | |
| Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. |
| SGH-IWMP-V | Brinjal | - | 24.63 | - | 20 | - | 492.6 | - | 22 | - | 24 | - | 528 | - | 16 | - | 26 | - | 416 |
| | Rice | - | 65.63 | - | 15 | - | 984.45 | - | 60 | - | 18 | - | 1080 | - | 55 | - | 20 | - | 1100 |
| | Turmeric | - | 24.63 | - | 30 | - | 738.9 | - | 22 | - | 35 | - | 778 | - | 16 | - | 38 | - | 608 |
| | Colocassia | - | 24.63 | - | 35 | - | 862.05 | - | 21 | - | 38 | - | 588 | - | 15 | - | 40 | - | 600 |
| | Ginger | - | 24.63 | - | 25 | - | 615.75 | - | 23 | - | 28 | - | 644 | - | 17 | - | 30 | - | 510 |
| | Tapioca | - | 24.63 | - | 30 | - | 738.9 | - | 23 | - | 35 | - | 805 | - | 17 | - | 39 | - | 663 |
| | Arecanut | - | 27 | - | 12 | - | 324 | - | 30 | - | 14 | - | 420 | - | 40 | - | 17 | - | 680 |
| | Maize | - | 24.63 | - | 6 | - | 147.78 | - | 22 | - | 9 | - | 198 | - | 16 | - | 12 | - | 192 |
| | Chilli | - | 24.63 | - | 4 | - | 98.52 | - | 22 | - | 8 | - | 176 | - | 16 | - | 12 | - | 192 |
| | Cowpea | - | 24.63 | - | 15 | - | 369.45 | - | 22 | - | 18 | - | 396 | - | 16 | - | 22 | - | 352 |
| | Pumpkin | - | 24.63 | - | 40 | - | 985.2 | - | 22 | - | 44 | - | 968 | - | 16 | - | 50 | - | 240 |
| | Cucumber | - | 24.63 | - | 35 | - | 862.05 | - | 22 | - | 38 | - | 836 | - | 16 | - | 42 | - | 672 |
| | Ashgourd | - | 24.63 | - | 20 | - | 492.6 | - | 23 | - | 25 | - | 575 | - | 17 | - | 30 | - | 510 |
| | Bottlegourd | - | 24.63 | - | 20 | - | 492.6 | - | 23 | - | 25 | - | 575 | - | 17 | - | 30 | - | 510 |
| | Cashewnut | - | 27 | - | 25 | - | 675 | - | 33 | - | 28 | - | 924 | - | 50 | - | 45 | - | 2250 |
| Millet | - | 24.63 | - | 15 | - | 369.45 | - | 21 | - | 18 | - | 378 | - | 15 | - | 22 | - | 300 | |
| Beans | - | 24.63 | - | 8 | - | 197.04 | - | 21 | - | 12 | - | 252 | - | 15 | - | 15 | - | 225 | |
| Bittergourd | - | 24.63 | - | 10 | - | 246.3 | - | 23 | - | 12 | - | 276 | - | 16 | - | 15 | - | 240 | |

Note : The Area of Jhum crops decreases in the Mid- term and Post project because of converting it to Permanent Plantation (Rubber & arecanut).

* From column no. 2, total number of States; from column no. 3, total no. of Districts; from column no. 4, total no. of projects, from column no. 5, total no. of crops; from column no. 6 to 8, the totals for the area, average yield per ha and total production, category-wise, for the entire country may be given at the end of the Table.

Irri. – Irrigated Rf – Rainfed

Table 7.6.2 Details of Rabi crop area and yield in the project areas:

| 1 | 2 | 3 | | | | | | 4 | | | | | | 5 | | | | | |
|------------------------|-------------|-------------|-----|-----------------------------|-----|------------------------|-----|-----------|-----|----------------------------|-----|------------------------|-----|--------------|-----|----------------------------|-----|------------------------|-----|
| | | Pre-project | | | | | | Mid-term | | | | | | Post-project | | | | | |
| | | Area (ha) | | Average Yield (Qtl) per ha. | | Total Production (Qtl) | | Area (ha) | | Average Yield per ha (Qtl) | | Total Production (Qtl) | | Area (ha) | | Average Yield per ha (Qtl) | | Total Production (Qtl) | |
| Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. |
| Name of Projects | Cabbage | - | - | - | - | - | - | 5 | - | 10 | - | 50 | - | 7 | - | 15 | - | 105 | - |
| | Knol khol | - | - | - | - | - | - | 4 | - | 90 | - | 360 | - | 6 | - | 95 | - | 570 | - |
| | Mustard | - | - | - | - | - | - | 4 | - | 8 | - | 32 | - | 6 | - | 10 | - | 60 | - |
| | Raddish | - | - | - | - | - | - | 5 | - | 80 | - | 400 | - | 7 | - | 86 | - | 602 | - |
| | Cauliflower | - | - | - | - | - | - | 6 | - | 10 | - | 60 | - | 6 | - | 57 | - | 342 | - |
| | | | | | | | | | | | | | | | | | | | |
| Total for the District | | | | | | | | 24 | | 198 | | 902 | | 32 | | 263 | | 1679 | |

* From column no. 2, total number of States; from column no. 3, total no. of Districts; from column no. 4, total no. of projects, from column no. 5, total no. of crops; from column no. 6 to 8, the totals for the area, average yield per ha and total production, category-wise, for the entire country may be given at the end of the Table.

Irri. – Irrigated Rf – Rainfed

Table 7.6.3 Details of Zaid crop area and yield in the project areas of the Country: State-wise:

| 1 Name of Projects | 2 Name of crops | 3 Pre-project | | | | | | 4 Mid-term | | | | | | 5 Post-project | | | | | |
|------------------------|--------------------|------------------|-------|-----------------------------|-----|------------------------|-----|---------------|-----|----------------------------|-----|------------------------|-----|-------------------|-----|----------------------------|-----|------------------------|-----|
| | | Area (ha) | | Average Yield (Qtl) per ha. | | Total Production (Qtl) | | Area (ha) | | Average Yield per ha (Qtl) | | Total Production (Qtl) | | Area (ha) | | Average Yield per ha (Qtl) | | Total Production (Qtl) | |
| | | Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. | Irri | Rf. |
| SGH-IWMP-V | Maize | | 24.63 | | 6 | | 147 | 3 | 15 | 8 | 7 | 24 | 105 | 5 | 7 | 9 | 8 | 45 | 56 |
| | | | | | | | | | | | | | | | | | | | |
| Total for the District | | | | | | | | | | | | | | | | | | | |

* From column no. 2, total number of States; from column no. 3, total no. of Districts; from column no. 4, total no. of projects, from column no. 5, total no. of crops; from column no. 6 to 8, the totals for the area, average yield per ha and total production, category-wise, for the entire country may be given at the end of the Table.

Irri. – Irrigated Rf – Rainfed

Table 7.6.4 Availability of Fodder:

| 1 | 2 | 3 | | | 4 | | |
|-----------------|---------------------|-----------------------|-------------------|---------------------------|---|---|-----------------------------|
| Name of project | Duration of Project | Pre project,tonnes/ha | | | Post project, tonnes/ha | | |
| | | Source/Name of report | Year of reference | Area already under fodder | Area under fodder proposed to be covered through IWMP | Area under fodder actually covered through IWMP | Change in area under fodder |
| SGH-IWMP V | 5 yrs | NA | NA | NA | Nil | Nil | Nil |
| | | | | | | | |

* From column no. 2, total number of States implementing the programme, from column no. 3, total no. of Districts; from column no. 4, total no. of projects, from column nos. 6 & 7, total area in ha may be given at the end of the table for the entire country.

Table 7.6.5 Increase/ Decrease in Forest/vegetation cover:

| 1 | 2 | 3 | | | 4 | | |
|-----------------|---------------------|-------------------------------|-------------------|--|--|--|--|
| Name of project | Duration of Project | Existing area tree cover (ha) | | | Expected Outcome (ha) | | |
| | | Source/Name of report | Year of reference | Area already under forest/vegetative cover | Forest/vegetative cover area proposed to be covered under IWMP | Forest/vegetative cover area actually covered under IWMP | Change in forest/vegetative cover area |
| SGH-IWMP-V | 5 yrs | LULC Map, NESAC, Umiam | 2005 - 06 | 739 Ha | 850 Ha | 850Ha | 850 Ha |
| | | | | | | | |

* From column no. 2, total number of States implementing the programme, from column no. 3, total no. of Districts; from column no. 4, total no. of projects, from column nos. 6 & 7, total area in ha may be given at the end of the table for the entire country.

Table 7.6.6 Increase/ Decrease in area under horticulture:

| 1 | 2 | 3 | | | 4 | | |
|-----------------|---------------------|-----------------------|-------------------|---------------------------------|---|---|-----------------------------------|
| Name of project | Duration of Project | Pre Project Area (ha) | | | Expected outcome Area (ha.) | | |
| | | Source/Name of report | Year of reference | Area already under horticulture | Area under horticulture proposed to be covered through IWMP | Area under horticulture actually covered through IWMP | Change in area under horticulture |
| SGH-IWMP-V | 5 yrs | | | 54 | 340 | 340 | 340 |
| | | | | | | | |

* From column no. 2, total number of States implementing the programme, from column no. 3, total no. of Districts; from column no. 4, total no. of projects, from column nos. 6 & 7, total area in ha may be given at the end of the table for the entire country.

Table 7.6.7 Increase/ Decrease in area under fuel-wood:

| 1 | 2 | 3 | | | 4 | | |
|-----------------|---------------------|-----------------------|-------------------|------------------------------|--|--|--------------------------------|
| Name of project | Duration of Project | Pre Project Area (ha) | | | Post Project Area (ha) | | |
| | | Source/Name of report | Year of reference | Area already under fuel-wood | Area under fuel-wood proposed to be covered under IWMP | Area under fuel-wood actually covered under IWMP | Change in area under fuel-wood |
| SGH-IWMP V | - | - | - | - | - | - | - |
| | | | | | | | |

* From column no. 2, total number of States implementing the programme, from column no. 3, total no. of Districts; from column no. 4, total no. of projects, from column nos. 6 & 7, total area in ha may be given at the end of the table for the entire country.

Table 7.7 Livelihood related outcomes:

Table 7.7.1 Details of livestock in the project areas (for fluids please mention in liters, for solids please mention in kgs. and income in Rs.):

| 1 Name of Projects | 2 Type of Animal | 3 | | | 4 | | | 5 | | | 6 Remarks |
|------------------------|---------------------|-------------|--------------|------------|----------|-------------|------------|--------------|-------------|-------------|--------------|
| | | Pre-project | | | Mid-term | | | Post-project | | | |
| | | No. | Yield | Income | No. | Yield | Income | No. | Yield | Income | |
| SGH-IWMP V | Cattle | 512 | 24,57,600 kg | 24.58 lakh | 520 | 24,96,000kg | 24.96 lakh | 550 | 26,40,000kg | 26.4 Lakhs | |
| | Goat | 167 | 2,67,200 Kg | 2.67 lakh | 190 | 3,04,000 kg | 3.04 lakh | 210 | 3,36,000kg | 3.36 Lakhs | |
| | Poultry | 1980 | 4,45,500 kg | 4.45 lakh | 2000 | 4,50,000 kg | 4.5 lakh | 2100 | 4,72,500kg | 4.73 Lakhs | |
| | Piggery | 380 | 14,25,000 kg | 14.25 lakh | 400 | 15,00,000kg | 15 lakh | 420 | 15,75,000kg | 15.75 Lakhs | |
| Total for all projects | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

* From column no. 2, total number of States; from column no. 3, total no. of Districts; from column no. 4, total no. of projects, from column nos. 5 to 8, the total nos. of animals and the average yield and incomes, category-wise, for the entire country may be given at the end of the Table.

Table 7.10 Benefit Cost Analysis

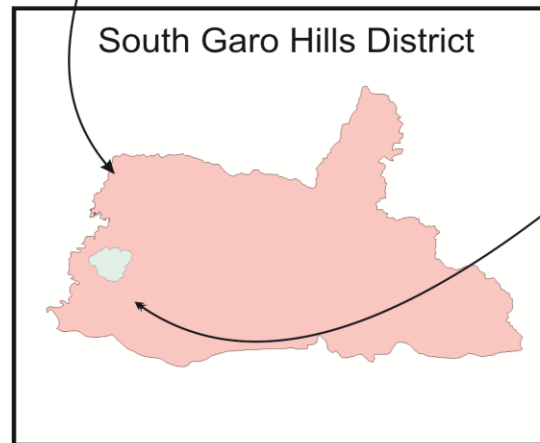
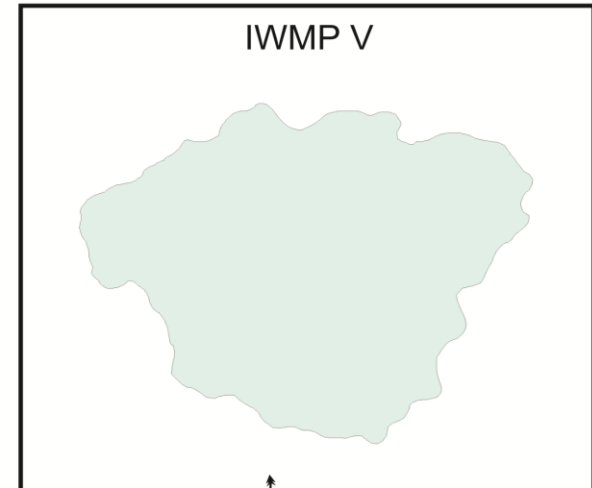
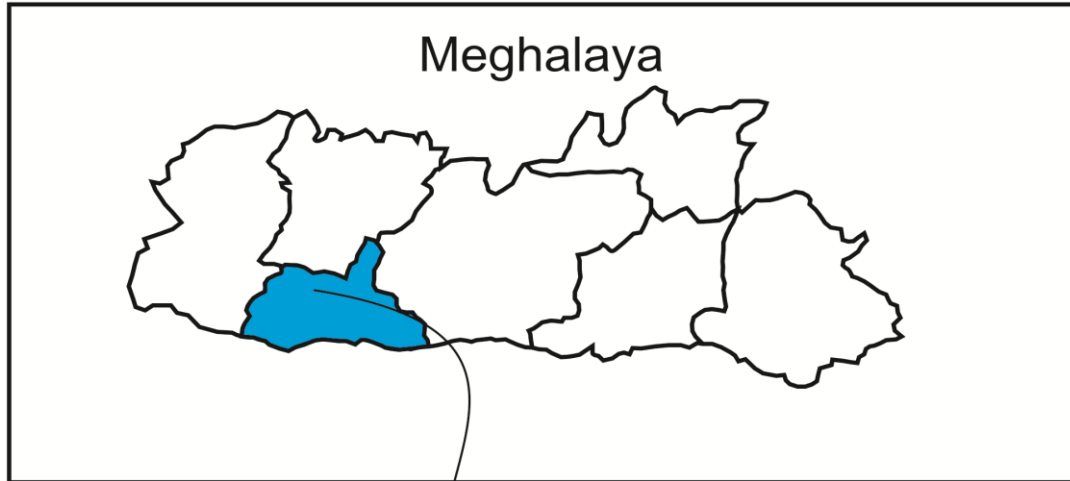
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---------------------------|-----------------|---------------------------|--------------------------------|----------------------------------|---|-------------------------------------|
| District | Name of project | Name of WC | Name of structure/ activity | Estimated cost (Rs. In lakhs) | Expected quantifiable benefits (Rs.) | Benefit: Cost ratio [#] |
| South Garo Hills District | SGH-IWMP-V | IWMP-V Reso & Rompa WC | As per Treatment Plan | 245 lakhs | 363 lakhs | 1 : 1.48 |

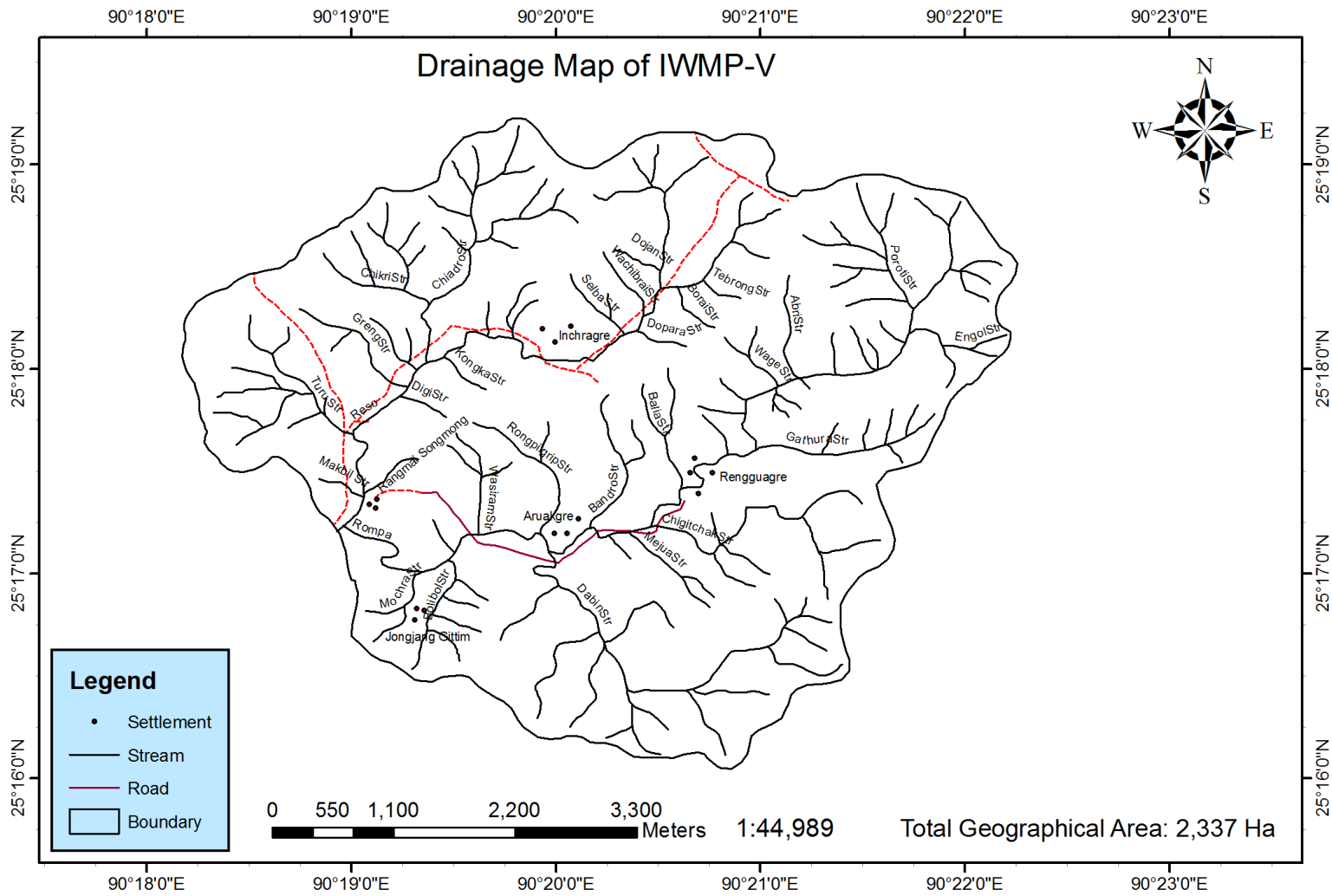
* from column no. 2, total no. of States implementing the programme, from column no. 3, total no. of Districts; from Column no. 4, no. of projects, from column no. 5, no. of WCs, from column no. 6, no. of structures/ activities, from column no. 7 to 10, category-wise# totals, may be mentioned at the end of the table for the entire country.

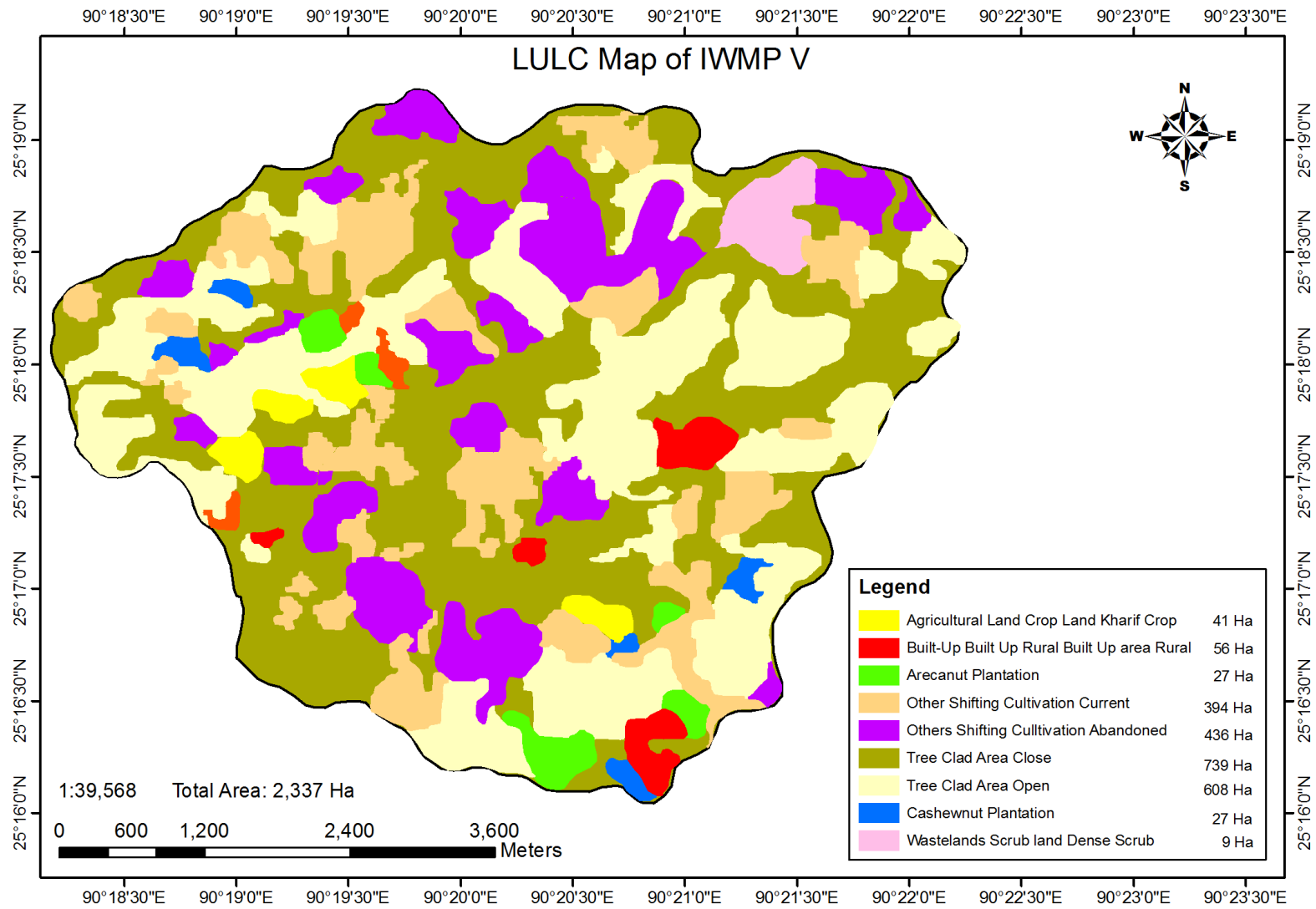
[#] B:C ratio more than 1 – cost effective
less than 1 – Not cost effective

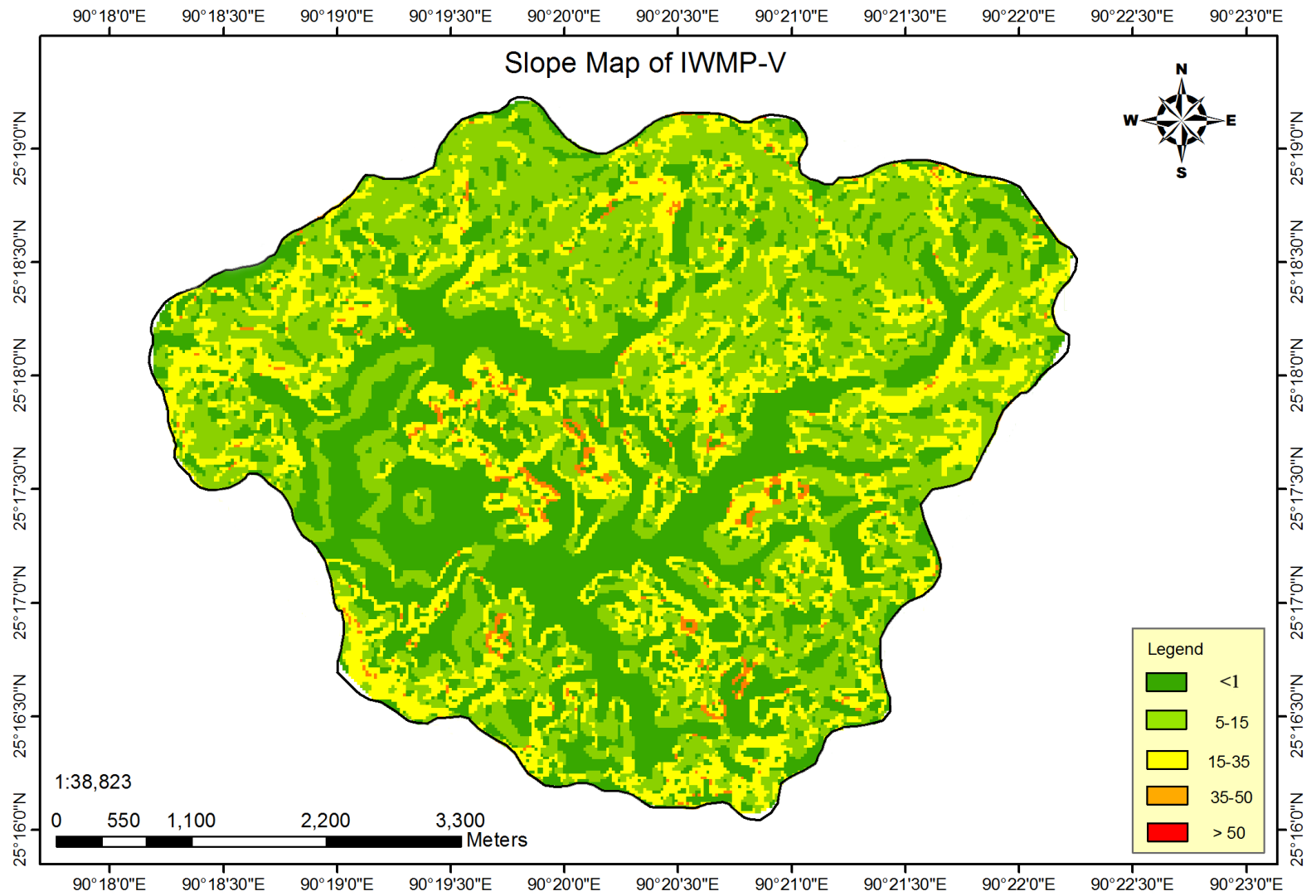
ANNEXURE I
MAPS

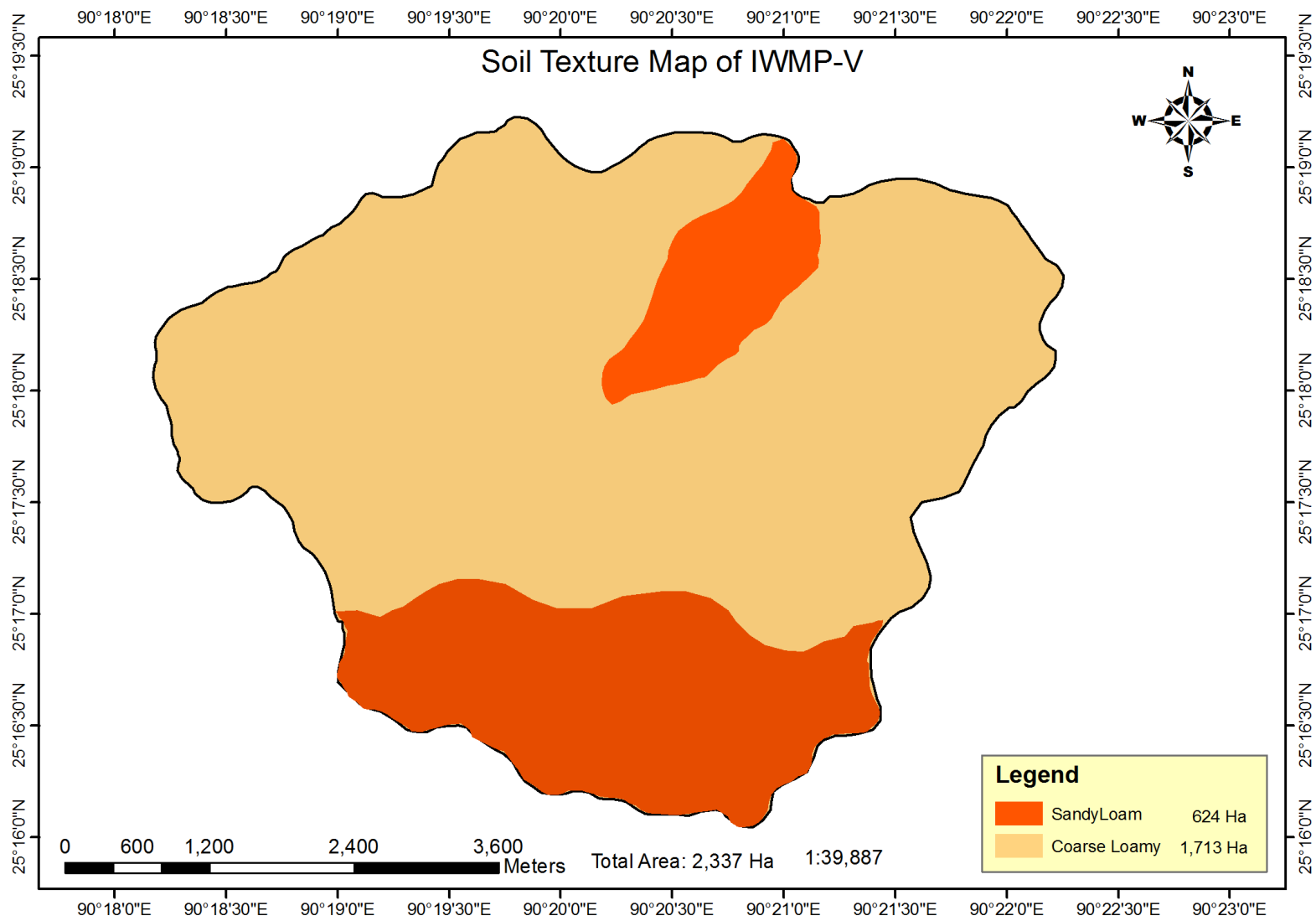
Index Map of IWMP-V
South Garo Hills District

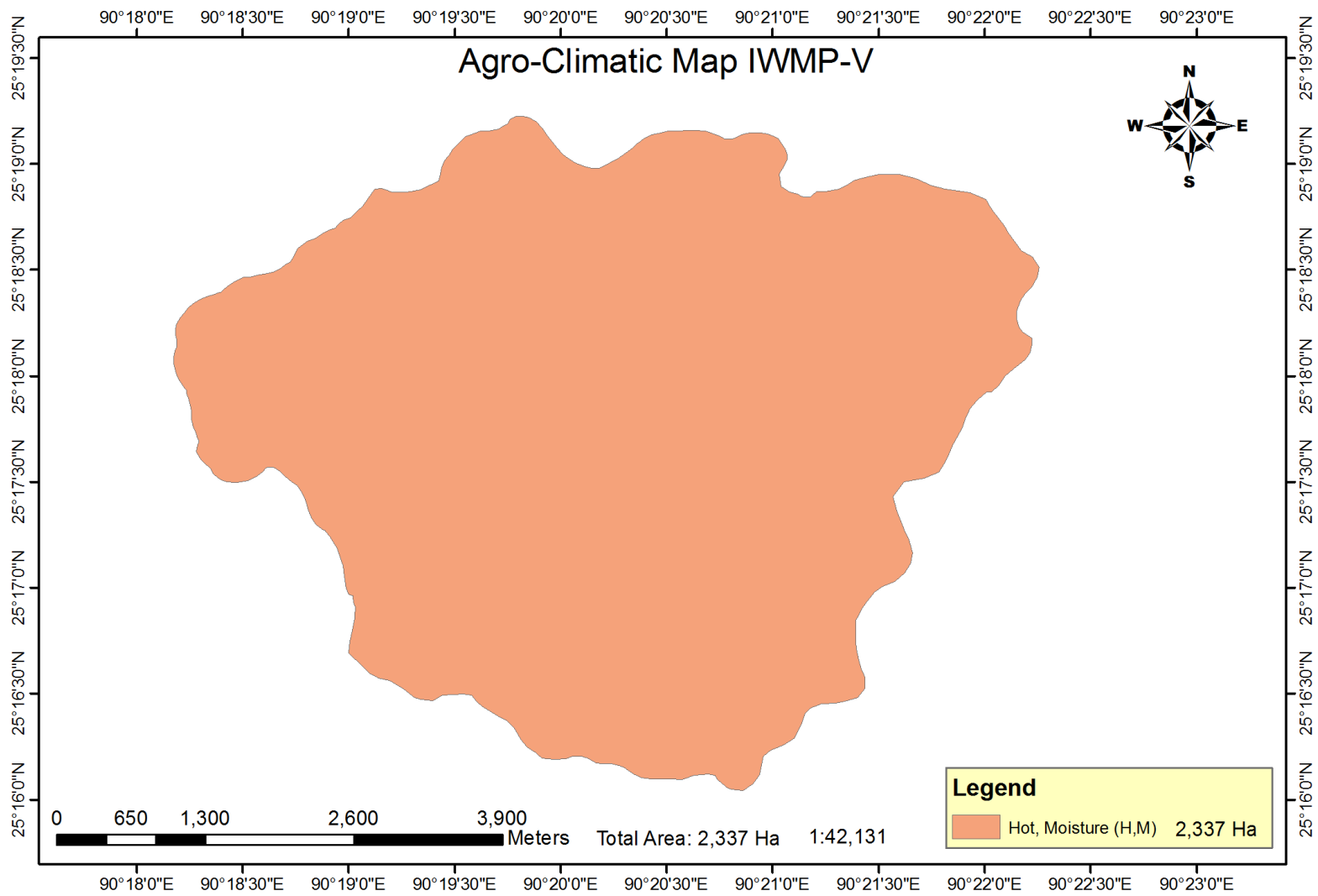


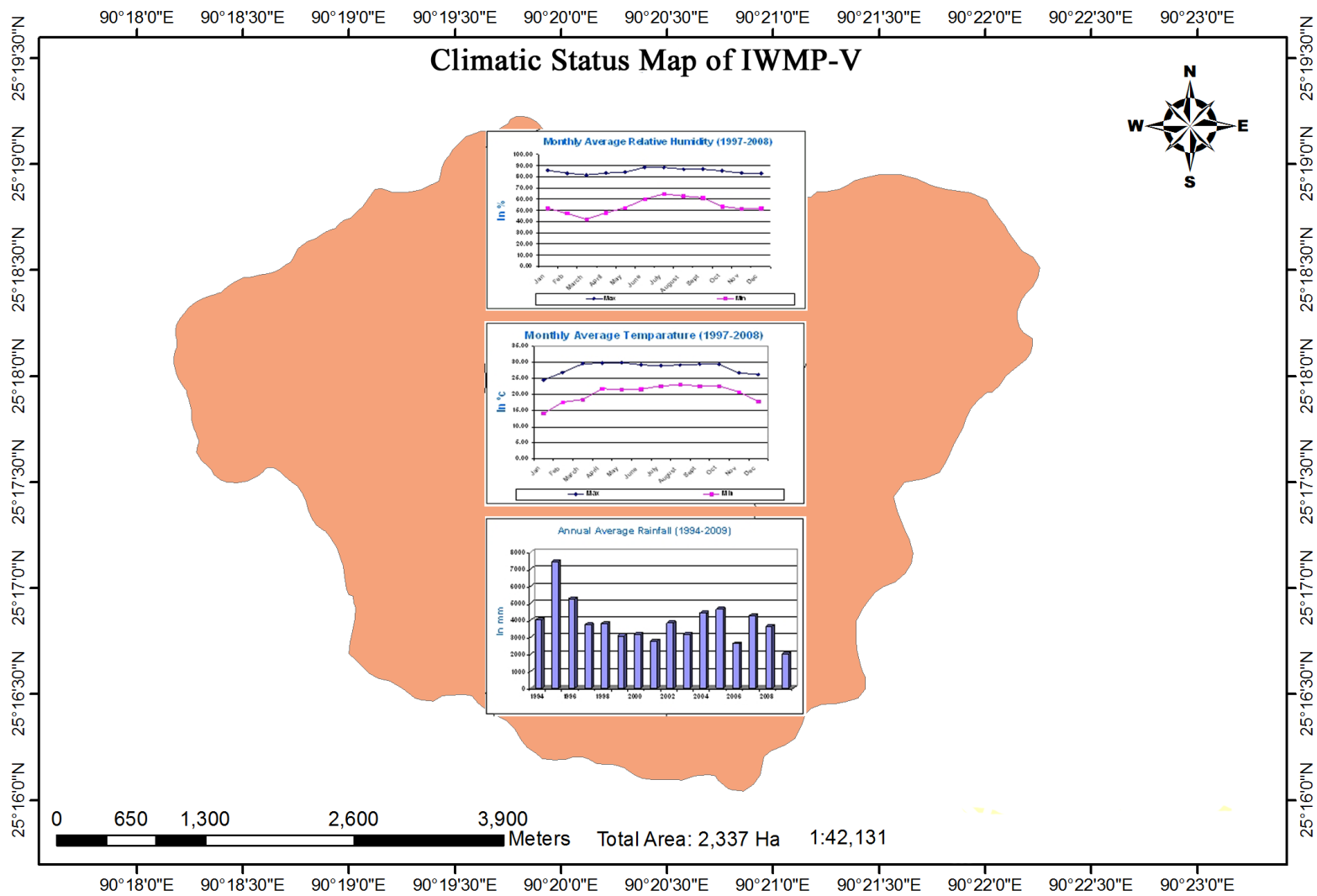


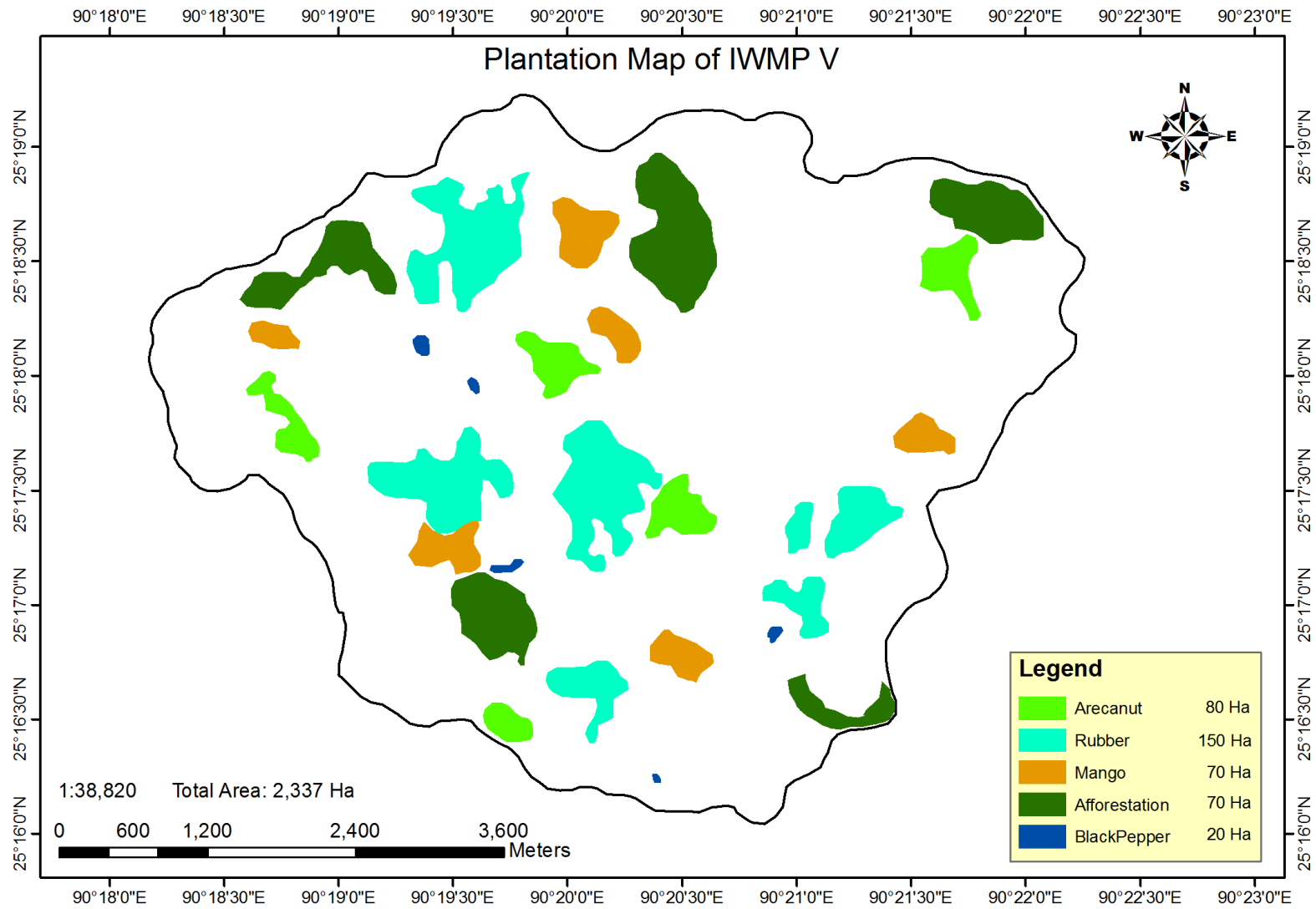


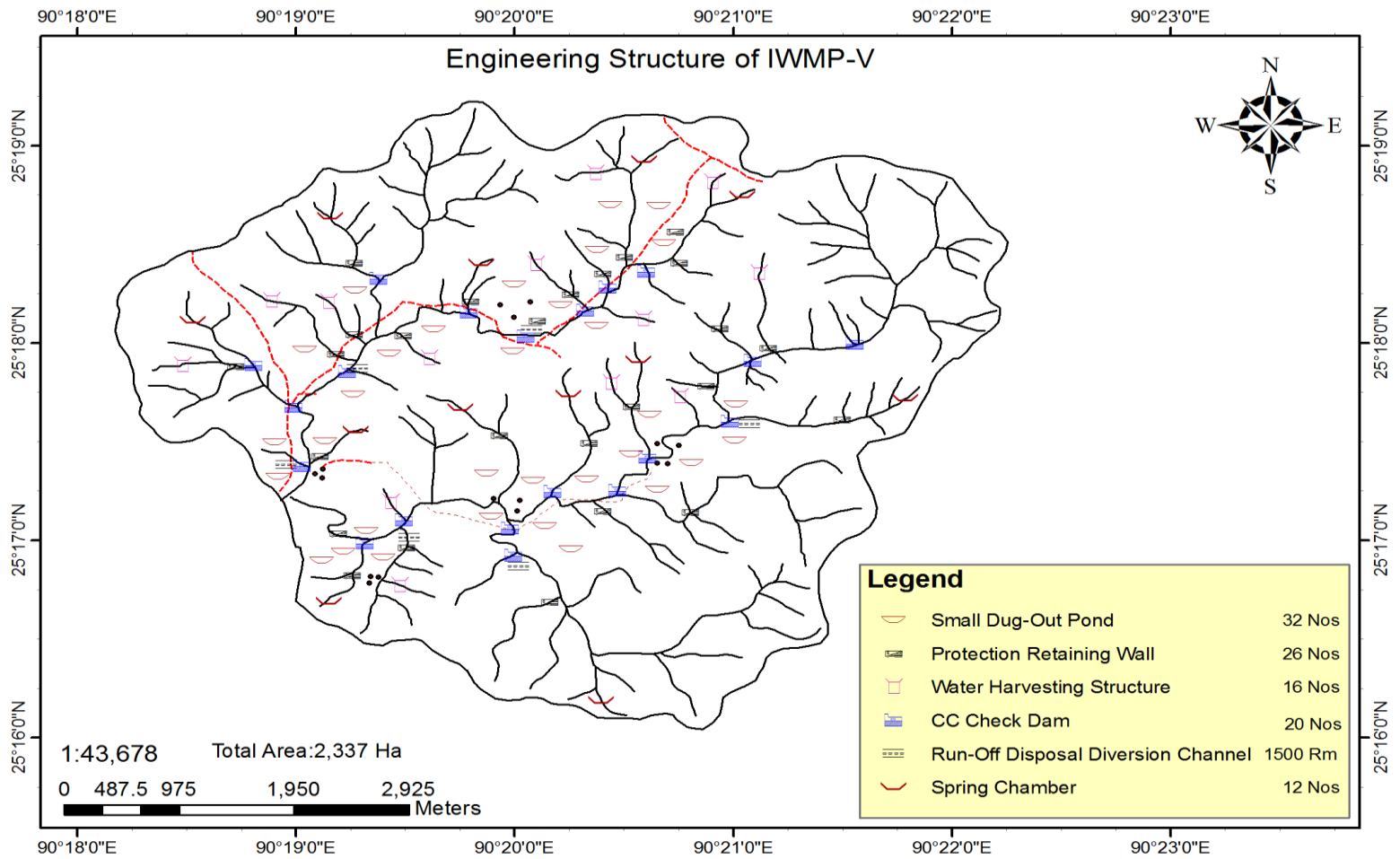












ANNEXURE II
SOCIO-ECONOMIC SURVEY DETAILS

SOCIO ECONOMIC SURVEY
NAME OF THE
VILLAGE:INCHRAGRE

| Sl.No | Name of the Head of the Family | Male | Female | Total | Occupation | Land Holding (Area in Ha) | Live Stock | | | | Total Annual Income |
|----------|--------------------------------|----------|----------|----------|------------|---------------------------|------------|----------|-----------|-----------|---------------------|
| | | | | | | | | | | | |
| | | | | | | | Cattle | Piggery | Goat | Poultry | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 12 | 13 |
| 1 | Shri. Albath R. Marak | 3 | 3 | 6 | Farmer | 1 | 4 | 2 | 0 | 6 | 54,000.00 |
| 2 | Shri. Meru K. Sangma | 2 | 4 | 6 | Farmer | 1.5 | 4 | 3 | 0 | 8 | 55,000.00 |
| 3 | Shri. Bobon M. Sangma | 3 | 2 | 5 | Farmer | 0.5 | 2 | 1 | 5 | 16 | 50,000.00 |
| 4 | Shri. Mangan Ch. Momin | 1 | 1 | 2 | Farmer | 1.2 | 3 | 2 | 0 | 14 | 60,000.00 |
| 5 | Shri. Sobon K. Sangma | 0 | 1 | 1 | Farmer | 0.5 | 3 | 1 | 0 | 7 | 56,000.00 |
| 6 | Shri. Mojib Ch. Marak | 4 | 1 | 5 | Farmer | 1.2 | 4 | 2 | 0 | 13 | 54,000.00 |
| 7 | Shri. Sintush K. Sangma | 3 | 5 | 8 | Farmer | 1.3 | 6 | 1 | 0 | 9 | 60,000.00 |
| 8 | Shri. Imkingston Ch. Marak | 2 | 2 | 4 | Farmer | 1.1 | 4 | 3 | 0 | 13 | 55,000.00 |
| 9 | Shri. Odit Ch. Momin | 1 | 2 | 3 | Farmer | 0.5 | 7 | 2 | 0 | 16 | 62,000.00 |
| 10 | Shri. Posonji Ch. Momin | 3 | 4 | 7 | Farmer | 2 | 4 | 6 | 0 | 14 | 61,000.00 |

| | | | | | | | | | | | |
|----|-----------------------|---|---|----|--------|-----|----|---|----|----|-----------|
| 11 | Shri. Wenrol Sangma | 3 | 5 | 8 | Farmer | 1.5 | 11 | 6 | 3 | 0 | 54,000.00 |
| 12 | Shri. Polinson Sangma | 1 | 2 | 3 | Farmer | 0.5 | 2 | 4 | 10 | 6 | 52,000.00 |
| 13 | Shri. Medison Sangma | 3 | 2 | 5 | Farmer | 1.4 | 6 | 4 | 1 | 15 | 58,000.00 |
| 14 | Shri. Mogen Sangma | 6 | 5 | 11 | Farmer | 2 | 4 | 1 | 0 | 17 | 62,000.00 |
| 15 | Shri. Monus Marak | 2 | 5 | 7 | Farmer | 1 | 3 | 3 | 2 | 5 | 48,000.00 |
| 16 | Smt. Timor Ch. Momin | 6 | 3 | 9 | Farmer | 1.3 | 6 | 3 | 0 | 18 | 56,000.00 |
| 17 | Shri. Dolin Marak | 4 | 1 | 5 | Farmer | 1.5 | 4 | 1 | 2 | 13 | 64,000.00 |
| 18 | Shri. Dimison Sangma | 7 | 2 | 9 | Farmer | 0.5 | 5 | 3 | 0 | 6 | 49,000.00 |
| 19 | Shri. Balin Sangma | 2 | 1 | 3 | Farmer | 0.7 | 11 | 2 | 0 | 13 | 57,000.00 |
| 20 | Shri. Aran Sangma | 3 | 3 | 6 | Farmer | 0.5 | 5 | 0 | 0 | 10 | 61,000.00 |
| 21 | Shri. Silit Marak | 2 | 3 | 5 | Farmer | 1.2 | 6 | 3 | 0 | 18 | 60,000.00 |
| 22 | Shri. Dik Sangma | 2 | 3 | 5 | Farmer | 1.2 | 13 | 5 | 2 | 12 | 57,000.00 |
| 23 | Shri. Rajesh Sangma | 3 | 1 | 4 | Farmer | 1.2 | 10 | 2 | 0 | 5 | 62,000.00 |
| 24 | Shri. Dipson Sangma | 1 | 1 | 2 | Farmer | 0.5 | 0 | 4 | 0 | 10 | 60,000.00 |

| | | | | | | | | | | | |
|----|------------------------|---|---|---|--------|-----|---|---|---|----|------------|
| 25 | Shri. Bitarson Momin | 2 | 2 | 4 | Farmer | 0.8 | 0 | 2 | 5 | 20 | 80,000.00 |
| 26 | Shri. Rengran Sangma | 4 | 1 | 5 | Farmer | 1.2 | 6 | 2 | 2 | 30 | 70,000.00 |
| 27 | Shri. Bikash Marak | 2 | 3 | 5 | Farmer | 0.6 | 4 | 3 | 0 | 10 | 65,000.00 |
| 28 | Shri. Albath Marak | 3 | 4 | 7 | Farmer | 1.4 | 2 | 2 | 0 | 10 | 80,000.00 |
| 29 | Shri. Meru Sangma | 2 | 4 | 6 | Farmer | 1.2 | 2 | 0 | 0 | 7 | 70,000.00 |
| 30 | Shri. Manggan Marak | 1 | 1 | 2 | Farmer | 0.5 | 0 | 1 | 0 | 20 | 90,000.00 |
| 31 | Shri. Bobon Sangma | 3 | 2 | 5 | Farmer | 2 | 1 | 2 | 1 | 13 | 70,000.00 |
| 32 | Shri. Takil Sangma | 2 | 2 | 4 | Farmer | 1.4 | 8 | 7 | 3 | 30 | 80,000.00 |
| 33 | Shri. Lething Sangma | 1 | 1 | 2 | Farmer | 0.5 | 0 | 2 | 3 | 0 | 60,000.00 |
| 34 | Shri. Huring Sangma | 3 | 2 | 5 | Farmer | 1 | 1 | 3 | 4 | 20 | 75,000.00 |
| 35 | Shri. Aran Marak | 3 | 3 | 6 | Farmer | 1.3 | 1 | 0 | 2 | 6 | 80,000.00 |
| 36 | Shri. Bokalson Momin | 5 | 2 | 7 | Farmer | 1.2 | 2 | 2 | 2 | 30 | 70,000.00 |
| 37 | Shri. Silbath Sangma | 1 | 1 | 2 | Farmer | 1.4 | 0 | 1 | 1 | 20 | 60,000.00 |
| 38 | Shri. Babarsing Sangma | 1 | 1 | 2 | Farmer | 2 | 3 | 3 | 2 | 35 | 100,000.00 |
| 39 | Shri. Dinas Momin | 6 | 3 | 9 | Farmer | 0.3 | 6 | 1 | 3 | 20 | 60,000.00 |

| | | | | | | | | | | | |
|----|------------------------|------------|------------|------------|--------|-------------|------------|------------|-----------|------------|---------------------|
| 40 | Shri. Lotipson Marak | 2 | 3 | 5 | Farmer | 0.7 | 1 | 9 | 1 | 17 | 70,000.00 |
| 41 | Shri. Mobudini Sangma | 2 | 2 | 4 | Farmer | 0.9 | 0 | 1 | 1 | 20 | 45,000.00 |
| 42 | Shri. Captain Sangma | 1 | 2 | 3 | Farmer | 1 | 3 | 3 | 2 | 35 | 80,000.00 |
| 43 | Shri. Sengmath Marak | 1 | 2 | 3 | Farmer | 0.6 | 0 | 3 | 0 | 0 | 70,000.00 |
| 44 | Goparson Marak | 5 | 6 | 11 | Farmer | 0.8 | 5 | 3 | 4 | 40 | 80,000.00 |
| 45 | Shri. Withnarson Marak | 2 | 3 | 5 | Farmer | 1 | 1 | 0 | 1 | 30 | 75,000.00 |
| | Total:- | 119 | 112 | 231 | | 47.6 | 173 | 114 | 62 | 677 | 28,97,000.00 |

**NAME OF THE VILLAGE: Rangmai
Songmong**

| Sl.No | Name of the Head of the Family | Male | Female | Total | Occupation | Land Holding (Area in Ha) | Live Stock | | | | Total Annual Income |
|----------|--------------------------------|----------|----------|----------|------------|---------------------------|------------|----------|-----------|-----------|---------------------|
| | | | | | | | | | | | |
| | | | | | | | Cattle | Piggery | Goat | Poultry | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 12 | 13 |
| 1 | Shri. Bimson Sangma | 6 | 5 | 11 | Farmer | 1.6 | 4 | 2 | 0 | 33 | 95,000.00 |
| 2 | Shri. Unilson Marak | 4 | 1 | 5 | Farmer | 1.5 | 4 | 3 | 0 | 8 | 75,000.00 |
| 3 | Smt. Santa Marak | 5 | 3 | 8 | Farmer | 0.5 | 2 | 0 | 5 | 16 | 69,000.00 |
| 4 | Shri. Mathias Sangma | 3 | 2 | 5 | Farmer | 1.2 | 3 | 0 | 0 | 14 | 60,000.00 |

| | | | | | | | | | | | |
|----|------------------------|---|---|----|--------|-----|----|---|---|----|-----------|
| 5 | Shri. Supply Marak | 1 | 0 | 1 | Farmer | 0.5 | 0 | 0 | 1 | 29 | 54,000.00 |
| 6 | Shri. Juleth Sangma | 2 | 2 | 4 | Farmer | 1.5 | 4 | 2 | 0 | 13 | 69,000.00 |
| 7 | Shri. Rakbath Marak | 2 | 1 | 3 | Farmer | 1.2 | 6 | 1 | 0 | 9 | 77,000.00 |
| 8 | Smt. Padilla Marak | 2 | 4 | 6 | Farmer | 1.1 | 4 | 3 | 0 | 13 | 80,000.00 |
| 9 | Shri. Madop Marak | 1 | 0 | 1 | Farmer | 0.5 | 0 | 0 | 2 | 16 | 48,000.00 |
| 10 | Shri. Misorsing Sangma | 3 | 3 | 6 | Farmer | 0.6 | 4 | 1 | 2 | 14 | 63,000.00 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 11 | Shri. Soijo Marak | 2 | 4 | 6 | Farmer | 0.5 | 10 | 2 | 0 | 0 | 77,000.00 |
| 12 | Shri. Devanand Marak | 5 | 6 | 11 | Farmer | 1.4 | 6 | 2 | 3 | 10 | 91,000.00 |
| 13 | Shri. Silbath Sangma | 1 | 1 | 2 | Farmer | 1.7 | 5 | 0 | 0 | 17 | 72,000.00 |
| 14 | Shri. Jetar Sangma | 2 | 1 | 3 | Farmer | 1 | 4 | 0 | 2 | 0 | 68,000.00 |
| 15 | Smt. Rajendro Marak | 2 | 2 | 4 | Farmer | 0.9 | 0 | 4 | 0 | 10 | 66,000.00 |
| 16 | Shri. Jonning Marak | 4 | 2 | 6 | Farmer | 1.5 | 0 | 4 | 2 | 13 | 73,000.00 |
| 17 | Shri. Dolai Sangma | 5 | 4 | 9 | Farmer | 0.5 | 7 | 3 | 0 | 16 | 89,000.00 |

| | | | | | | | | | | | |
|----|-----------------------|---|---|---|--------|-----|----|---|---|----|-----------|
| 18 | Shri. Lodin Marak | 2 | 2 | 4 | Farmer | 1.2 | 3 | 0 | 0 | 21 | 79,000.00 |
| 19 | Shri. Batri Sangma | 3 | 4 | 7 | Farmer | 0.5 | 5 | 0 | 1 | 20 | 85,000.00 |
| 20 | Shri. Aplang Momin | 2 | 2 | 4 | Farmer | 1.2 | 1 | 3 | 0 | 18 | 69,000.00 |
| 21 | Shri. Damen Momin | 3 | 3 | 6 | Farmer | 2 | 4 | 0 | 0 | 30 | 79,000.00 |
| 22 | Shri. Sotorsing Marak | 3 | 4 | 7 | Farmer | 1.2 | 10 | 0 | 4 | 13 | 88,000.00 |
| 23 | Shri. Susil Sangma | 4 | 1 | 5 | Farmer | 0.5 | 0 | 0 | 0 | 40 | 61,000.00 |
| 24 | Shri. Punitson Marak | 1 | 2 | 3 | Farmer | 1 | 4 | 1 | 1 | 0 | 69,000.00 |
| 25 | Smt. Gonji Momin | 3 | 0 | 3 | Farmer | 1.2 | 0 | 3 | 0 | 37 | 64,000.00 |
| 26 | Smt. Sorella Momin | 4 | 3 | 7 | Farmer | 0.6 | 0 | 2 | 4 | 17 | 52,000.00 |
| 27 | Shri. Wilson Sangma | 2 | 4 | 6 | Farmer | 1.4 | 4 | 1 | 0 | 28 | 85,000.00 |
| 28 | Shri. Megansing Marak | 3 | 1 | 4 | Farmer | 1.2 | 2 | 0 | 0 | 16 | 72,000.00 |
| 29 | Shri. Genoram Sangma | 2 | 2 | 4 | Farmer | 0.5 | 5 | 2 | 0 | 19 | 77,000.00 |
| 30 | Shri. Degret Momin | 2 | 1 | 3 | Farmer | 0.8 | 2 | 4 | 0 | 37 | 69,000.00 |
| 31 | Smt. Pumi Momin | 3 | 1 | 4 | Farmer | 1.4 | 3 | 0 | 1 | 39 | 74,000.00 |
| 32 | Smt. Derela Momin | 1 | 0 | 1 | Farmer | 0.5 | 1 | 3 | 0 | 3 | 55,000.00 |

| | | | | | | | | | | | |
|----|-----------------------|-----------|-----------|------------|--------|-----------|------------|-----------|-----------|------------|---------------------|
| 33 | Shri. Manik Sangma | 2 | 2 | 4 | Farmer | 1 | 3 | 0 | 0 | 38 | 69,000.00 |
| 34 | Smt. Bitina Momin | 1 | 1 | 2 | Farmer | 1 | 1 | 0 | 0 | 27 | 56,000.00 |
| 35 | Smt. Maria Momin | 0 | 2 | 2 | Farmer | 0.2 | 0 | 4 | 3 | 29 | 54,000.00 |
| 36 | Shri. Chingseng Marak | 1 | 1 | 2 | Farmer | 1.4 | 0 | 5 | 0 | 14 | 57,000.00 |
| 37 | Shri. Second Momin | 1 | 1 | 2 | Farmer | 0.4 | 10 | 3 | 0 | 23 | 65,000.00 |
| 38 | Shri. Punit Momin | 1 | 0 | 1 | Farmer | 0.5 | 0 | 0 | 5 | 23 | 52,000.00 |
| 39 | Shri. Nidit Momin | 1 | 0 | 1 | Farmer | 0.6 | 0 | 4 | 0 | 29 | 59,000.00 |
| | Total:- | 95 | 78 | 173 | | 38 | 121 | 62 | 36 | 752 | 27,16,000.00 |

NAME OF THE VILLAGE: - Aruakgre

| Sl.No | Name of the Head of the Family | Male | Female | Total | Occupation | Land Holding (Area in Ha) | Live Stock | | | | Total Annual Income |
|-------|--------------------------------|------|--------|-------|------------|---------------------------|------------|---------|------|---------|---------------------|
| | | | | | | | Cattle | Piggery | Goat | Poultry | |
| | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 13 |
| 1 | Shri. Moniram R. Marak | 4 | 1 | 5 | Farmer | 1.33 | 4 | 12 | - | 4 | 68,000.00 |
| 2 | Shri. Wailesh R. Marak | 5 | 3 | 8 | Farmer | 1.07 | 3 | 1 | 1 | 6 | 52,000.00 |
| 3 | Shri. Darwin R. Marak | 6 | 4 | 10 | Farmer | 1.33 | 6 | 12 | - | 12 | 55,000.00 |

| | | | | | | | | | | | |
|----|---------------------------|---|---|---|--------|------|----|----|---|----|-----------|
| 4 | Shri. Senosh R. Marak | 3 | 2 | 5 | Farmer | 0.93 | 2 | 5 | 0 | 10 | 50,000.00 |
| 5 | Shri. Kalsin D. Sangma | 3 | 2 | 5 | Farmer | 0.40 | - | - | 2 | 5 | 45,000.00 |
| 6 | Shri. Joseng R. Marak | 4 | 3 | 7 | Farmer | 0.53 | 4 | 17 | 0 | 4 | 51,000.00 |
| 7 | Shri. Boas R. Marak | 3 | 2 | 5 | Farmer | 0.40 | - | 5 | 0 | 6 | 42,000.00 |
| 8 | Shri. Ronen Ch. Marak | 2 | 2 | 4 | Farmer | 0.27 | - | 9 | - | - | 40,000.00 |
| 9 | Shri. Pereng Ch. Momin | 5 | 4 | 9 | Farmer | 1.07 | 2 | 5 | 2 | 15 | 53,000.00 |
| 10 | Shri. Esim Ch. Momin | 3 | 4 | 7 | Farmer | 0.53 | 13 | 2 | 0 | 10 | 51,000.00 |
| 11 | Shri. Artrik R. Marak | 1 | 1 | 2 | Farmer | 0.27 | 2 | 2 | 3 | 5 | 40,000.00 |
| 12 | Shri. Emerson Ch. Momin | 3 | 2 | 5 | Farmer | 0.53 | 3 | 7 | 5 | 12 | 43,000.00 |
| 13 | Shri. Lewin Ch. Momin | 4 | 2 | 6 | Farmer | 0.13 | 1 | 5 | 0 | 5 | 40,000.00 |
| 14 | Shri. Katik Ch. Momin | 3 | 4 | 7 | Farmer | 0.53 | 5 | 9 | 6 | 15 | 50,000.00 |
| 15 | Shri. Nekorsing Ch. Momin | 2 | 5 | 7 | Farmer | 0.53 | 3 | 7 | 5 | 12 | 48,000.00 |
| 16 | Smt. Debendro Ch. Momin | 5 | 2 | 7 | Farmer | 1.07 | 16 | 10 | 3 | 15 | 52,000.00 |
| 17 | Shri. Salprish R. Marak | 2 | 3 | 5 | Farmer | 0.40 | 6 | 3 | 0 | 10 | 45,000.00 |
| 18 | Shri. Mejing Ch. Marak | 3 | 4 | 7 | Farmer | 0.40 | 12 | 4 | 0 | 15 | 40,000.00 |
| 19 | Shri. Alet Ch. Momin | 4 | 2 | 6 | Farmer | 0.80 | 6 | 15 | 0 | 12 | 42,000.00 |
| 20 | Shri. Depil Ch. Marak | 3 | 1 | 4 | Farmer | 0.13 | 0 | 2 | - | 7 | |

| | | | | | | | | | | | |
|----|-------------------------|-----------|-----------|------------|--------|--------------|-----------|------------|-----------|------------|--------------------|
| | | | | | | | | | | | 40,000.00 |
| 21 | Shri. Griting Ch. Momin | 2 | 1 | 3 | Farmer | 0.13 | 0 | 0 | 0 | 0 | 40,000.00 |
| | Total:- | 70 | 54 | 124 | | 12.78 | 88 | 132 | 27 | 180 | 9,87,000.00 |

NAME OF THE VILLAGE: - Renguagre

| Sl.No | Name of the Head of the Family | Male | Female | Total | Occupation | Land Holding (Area in Ha) | Live Stock | | | | Total Annual Income |
|-------|--------------------------------|----------|----------|----------|------------|---------------------------|------------|----------|-----------|-----------|---------------------|
| | | | | | | | | | | | |
| | | | | | | | Cattle | Piggery | Goat | Poultry | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 13 |
| 1 | Shri. Jedin M. Sangma | 3 | 1 | 4 | Farmer | 1 | 12 | 4 | 2 | 12 | 100,000.00 |
| 2 | Shri. Thomas M. Sangma | 3 | 2 | 5 | Farmer | 0.6 | 16 | 5 | 0 | 20 | 100,000.00 |
| 3 | Shri. Hamil Momin | 3 | 2 | 5 | Farmer | 0.5 | - | 3 | 1 | 20 | 60,000.00 |
| 4 | Shri. Jarong Sangma | 3 | 2 | 5 | Farmer | 0.9 | 2 | - | 1 | 20 | 60,000.00 |
| 5 | Shri. Keben Sangma | 5 | 3 | 8 | Farmer | 0.5 | 1 | 7 | 1 | 15 | 65,000.00 |
| 6 | Shri. Simon Sangma | 3 | 2 | 5 | Farmer | 0.5 | 4 | 12 | 0 | 7 | 90,000.00 |
| 7 | Shri. Kaning . Marak | 4 | 1 | 5 | Farmer | 0.4 | 4 | 1 | 3 | 10 | 50,000.00 |
| 8 | Shri. Green Sangma | 3 | 2 | 5 | Farmer | 1 | 3 | 2 | - | - | 50,000.00 |

| | | | | | | | | | | | |
|----|-----------------------|-----------|-----------|------------|--------|-------------|------------|-----------|-----------|------------|---------------------|
| 9 | Shri. Belluram Marak | 3 | 2 | 5 | Farmer | 1.7 | 1 | 1 | - | 7 | 80,000.00 |
| 10 | Shri. Welson Sangma | 1 | 3 | 4 | Farmer | 1.4 | - | 1 | 4 | 30 | 60,000.00 |
| 11 | Shri. Diren Sangma | 5 | 2 | 7 | Farmer | 0.7 | 20 | - | 5 | 10 | 100,000.00 |
| 12 | Shri. Sengban Sangma | 1 | 1 | 2 | Farmer | 1.7 | 2 | 1 | 2 | 4 | 50,000.00 |
| 13 | Shri. Etwil Sangma | 3 | 4 | 7 | Farmer | 0.8 | 1 | - | 1 | 5 | 50,000.00 |
| 14 | Shri. Meru Marak | 3 | 3 | 6 | Farmer | 0.5 | 1 | - | - | 7 | 60,000.00 |
| 15 | Shri. Walsin Marak | 3 | 2 | 5 | Farmer | 0.6 | 3 | 1 | - | 4 | 70,000.00 |
| 16 | Smt. Palsing Marak | 4 | 4 | 8 | Farmer | 0.5 | 3 | - | - | 40 | 55,000.00 |
| 17 | Shri. Dinen . Marak | 2 | 8 | 10 | Farmer | 2 | 9 | 2 | 0 | 20 | 70,000.00 |
| 18 | Shri. Asendro Sangma | 3 | 2 | 5 | Farmer | 0.6 | - | 2 | 0 | 10 | 50,000.00 |
| 19 | Shri. Enderson Sangma | 3 | 2 | 5 | Farmer | 0.7 | 5 | 4 | 5 | 15 | 60,000.00 |
| 20 | Shri. Errar Marak | 4 | 3 | 7 | Farmer | 0.9 | 2 | - | 1 | 10 | 55,000.00 |
| 21 | Shri. Jepben Marak | 6 | 4 | 10 | Farmer | 1 | 3 | 3 | 3 | 15 | 80,000.00 |
| 22 | Shri. Baster Sangma | 4 | 3 | 7 | Farmer | 2 | 22 | 2 | 3 | 30 | 70,000.00 |
| | Total:- | 72 | 59 | 131 | | 20.5 | 114 | 51 | 32 | 311 | 21,15,000.00 |

NAME OF THE VILLAGE: - Jongjanggre

| Sl.No | Name of the Head of the Family | Male | Female | Total | Occupation | Land Holding (Area in Ha) | Live Stock | | | | Total Annual Income |
|----------|--------------------------------|-----------|-----------|-----------|------------|---------------------------|------------|-----------|-----------|-----------|---------------------|
| | | | | | | | | | | | |
| | | | | | | | Cattle | Piggery | Goat | Poultry | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 13 |
| 1 | Shri. Santonath R, Marak | 2 | 2 | 4 | Farmer | 2 | 7 | 3 | 4 | 12 | 60,000.00 |
| 2 | Shri. Kiton Momin | 4 | 6 | 10 | Farmer | 1 | 4 | 2 | 1 | 14 | 56,000.00 |
| 3 | Shri. Subindro Ch. Marak | 1 | 0 | 1 | Farmer | 0.5 | 0 | 2 | 0 | 8 | 60,000.00 |
| 4 | Shri. Adison Momin | 4 | 2 | 6 | Farmer | 1 | 2 | 4 | 2 | 9 | 54,000.00 |
| 5 | Shri. Jingjang M. Sangma | 2 | 1 | 3 | Farmer | 1 | 1 | 2 | 3 | 5 | 62,000.00 |
| 6 | Smt. Edin Ch. Marak | 2 | 1 | 3 | Farmer | 1 | 2 | 2 | 1 | 12 | 48,000.00 |
| | Total:- | 15 | 12 | 27 | | 6.5 | 16 | 15 | 10 | 60 | |

ANNEXURE III
COST ESTIMATES

ESTIMATE FOR THE CONSTRUCTION OF SPRING CHAMBER WITH WATER RESERVOIR
(Rates as per P.W.D scheduled of rates for building works for the year 2010-2011)

1/1.1 Earthwork on excavation in foundation trenches including dressing of sides and ramming of the bottom etc.

(d) Soft laminated rock or medium shale

For Spring Chamber:

| | | | | | | | | | | | | | | |
|---|---|--|---|---|--|-----|---|--|---|---|--|-----|--|----------------|
| 1 | x | | 3 | x | | 0.8 | x | | 1 | = | | 2.4 | | m ³ |
| 2 | x | | 3 | x | | 0.8 | x | | 1 | = | | 4.8 | | m ³ |

For Reservoir:

| | | | | | | | | | | | | | | |
|---|---|--|-----|---|--|-----|---|--|-----|---|--|------|--|----------------|
| 2 | x | | 1.5 | x | | 0.3 | x | | 0.5 | = | | 0.45 | | m ³ |
| 2 | x | | 1.3 | x | | 0.3 | x | | 0.5 | = | | 0.39 | | m ³ |

For Pipe
Pedestals:

| | | | | | | | | | | | | | | |
|---|---|--|-----|---|--|-----|--|--|-----|-------|---|-------|--|----------------|
| 1 | x | | 1.5 | x | | 1.5 | | | 0.3 | = | | 0.675 | | m ³ |
| | | | | | | | | | | Total | = | 8.715 | | m ³ |

@ 122 /m³ = Rs 1063.23

2/4.5 Providing 100mm thick solling with approved quality of stones etc.

For Spring Chamber:

| | | | | | | | | | | | |
|---|---|--|---|---|--|-----|---|--|-----|--|----------------|
| 1 | x | | 3 | x | | 0.8 | = | | 2.4 | | m ² |
| 2 | x | | 3 | x | | 0.8 | = | | 4.8 | | m ² |

For Reservoir:

| | | | | | | | | | | | |
|---|---|--|-----|---|--|-----|---|--|------|--|----------------|
| 2 | x | | 1.5 | x | | 0.3 | = | | 0.9 | | m ² |
| 2 | x | | 1.3 | x | | 0.3 | = | | 0.78 | | m ² |
| 1 | x | | 1.4 | x | | 1.2 | = | | 1.68 | | m ² |

For Pipe
Pedestals:

| | | | | | | | | | |
|---|-----|---|-----|-----------------|-----|-------|----|---------|----------------|
| | 1 | x | 1.5 | x | 1.5 | | = | 2.25 | m ² |
| | | | | | | Total | = | 12.81 | m ² |
| @ | 166 | | | /m ² | | = | Rs | 2126.46 | |

3/2.1

Providing and laying cement concrete in proportion 1:4:8 etc.

For Spring Chamber:

| | | | | | | | | | |
|---|---|---|---|-----|---|-----|---|------|----------------|
| 1 | x | 3 | x | 0.8 | x | 0.1 | = | 0.24 | m ³ |
| 2 | x | 3 | x | 0.8 | x | 0.1 | = | 0.48 | m ³ |

For Reservoir:

| | | | | | | | | | |
|---|---|-----|---|-----|---|-----|---|-------|----------------|
| 2 | x | 1.5 | x | 0.3 | x | 0.1 | = | 0.09 | m ³ |
| 2 | x | 1.3 | x | 0.3 | x | 0.1 | = | 0.078 | m ³ |

For Pipe
Pedestals:

| | | | | | | | | | | |
|---|------|---|-----|-----------------|-----|---|-----|---------|---------|----------------|
| | 1 | x | 1.5 | x | 1.5 | x | 0.1 | = | 0.24 | m ³ |
| | | | | | | | = | Rs | 4352.95 | |
| @ | 3859 | | | /m ³ | | = | Rs | 4352.95 | | |

4/2.2

Providing and laying cement concrete in proportion 1:3:6 etc

For Spring Chamber:

| | | | | | | | | | |
|---|---|-----|---|-------------------------|---|-----|---|-------|----------------|
| 1 | x | 3 | x | 0.6 | x | 0.9 | = | 1.62 | m ³ |
| 2 | x | 3 | x | 0.6 | x | 0.9 | = | 3.24 | m ³ |
| 1 | x | 3 | x | $\frac{0.30 + 0.6}{2}$ | x | 1 | = | 1.35 | m ³ |
| 2 | x | 0.5 | x | $\frac{0.3 + 0.60}{2}$ | x | 0.7 | = | 0.315 | m ³ |
| 2 | x | 2 | x | $\frac{0.25 + 0.30}{2}$ | x | 0.3 | = | 0.33 | m ³ |

For Reservoir:

| | | | | | | | | | |
|---|---|-----|---|-----|---|-----|---|-------|----------------|
| 2 | x | 1.5 | x | 0.3 | x | 0.1 | = | 0.09 | m ³ |
| 2 | x | 1.3 | x | 0.3 | x | 0.1 | = | 0.078 | m ³ |
| 1 | x | 1.2 | x | 1 | x | 0.1 | = | 0.12 | m ³ |

For Pipe

Pedestals:

| | | | | | | | | | | |
|---|---|-----|---|-----|---|-----|---|------|----------------|----------------|
| 2 | x | 1.5 | x | 0.1 | x | 0.1 | = | 0.03 | m ³ | |
| 2 | x | 1.5 | x | 0.1 | x | 0.1 | = | 0.03 | m ³ | |
| | | | | | | | | = | 7.203 | m ³ |

@ 4209 /m³ = Rs 30317.4

5/2.9(a)

Providing shuttering including centering for flat surfaces such as slabs ,shelves,chajja and for vertical faces such as column etc.

For Spring Chamber:

| | | | | | | | |
|---|---|---|---|-----|---|-----|----------------|
| 1 | x | 3 | x | 1.1 | = | 3.3 | m ² |
| 1 | x | 3 | x | 1.1 | = | 3.3 | m ² |
| 1 | x | 1 | x | 1.1 | = | 1.1 | m ² |
| 2 | x | 3 | x | 1.1 | = | 6.6 | m ² |
| 2 | x | 3 | x | 1.1 | = | 6.6 | m ² |
| 1 | x | 1 | x | 1.1 | = | 1.1 | m ² |
| 2 | x | 2 | x | 1.1 | = | 4.4 | m ² |

For Reservoir:

| | | | | | | | |
|---|---|-----|---|-----|---|-----|----------------|
| 2 | x | 1.5 | x | 2 | = | 6 | m ² |
| 2 | x | 1.3 | x | 2 | = | 5.2 | m ² |
| 2 | x | 2 | x | 1.5 | = | 6 | m ² |

For Pipe

Pedestals:

| | | | | | | | |
|---|---|-----|---|-----|---|------|----------------|
| 1 | x | 1.5 | x | 0.5 | = | 0.75 | m ² |
| 2 | x | 2.5 | x | 1.5 | = | 7.5 | m ² |

| | | | | |
|---|---------------------|---|----|----------------------|
| @ | 217 /m ³ | = | Rs | 51.85 m ² |
| | | | | 11251.5 |

6/2.3 Providing and laying cement concrete in proportion 1:2:4 etc.
For Reservoir:

| | | | | | | | | |
|---|---|-----|---|-----|---|---|---|---------------------|
| 2 | x | 1.5 | x | 0.2 | x | 2 | = | 0.9 m ³ |
| 2 | x | 1.3 | x | 0.2 | x | 2 | = | 0.78 m ³ |

For Pipe
Pedestals:

| | | | | | | | | |
|---|---|-----|---|-----|---|-----|---|----------------------|
| 1 | x | 1.5 | x | 1.5 | x | 0.3 | = | 0.405 m ³ |
| | | | | | | | | <hr/> |
| | | | | | | | | 2.085 m ³ |

| | | | | |
|---|----------------------|---|----|---------|
| @ | 4738 /m ³ | = | Rs | 9878.73 |
|---|----------------------|---|----|---------|

7/6.2(a) Providing to steel reinforcement in R.C.C works including cutting , bending, cranking, and tying in position etc..

For Spring Chamber using 10mm dia @15cm c/c

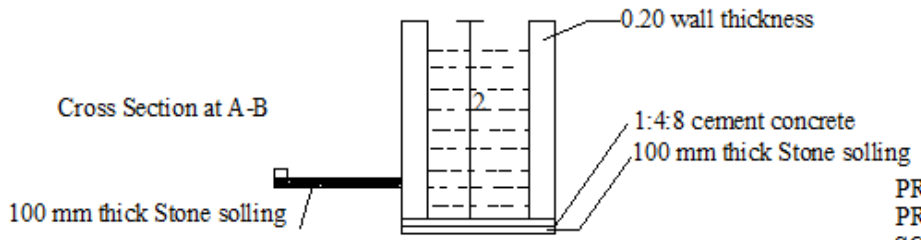
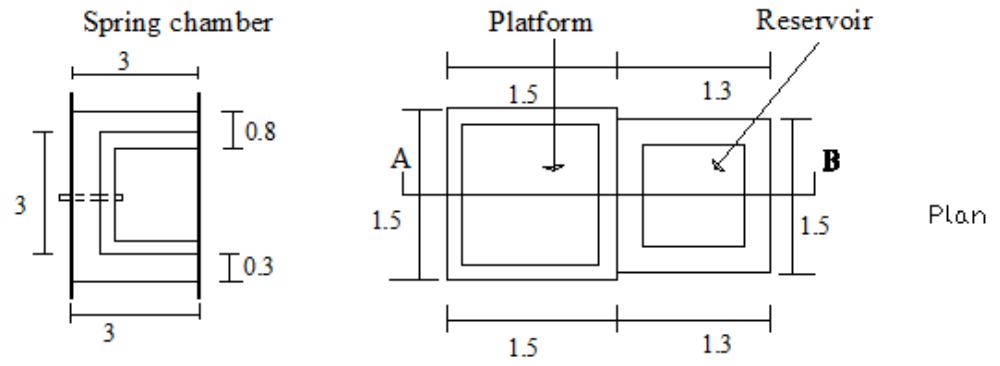
| | | | | | | |
|---|---|----|---|-------|---|-----------|
| 3 | x | 20 | x | 0.618 | = | 37.08 Kg |
| 6 | x | 40 | x | 0.618 | = | 148.32 Kg |
| 1 | x | 7 | x | 0.618 | = | 4.326 Kg |
| 2 | x | 14 | x | 1.618 | = | 45.304 Kg |

For Reservoir using 10mm dia @ 15cm c/c

| | | | | | | |
|-----|---|----|---|-------|---|-------------------|
| 3 | x | 20 | x | 0.618 | = | 37.08 Kg |
| 2.6 | x | 18 | x | 0.618 | = | 28.9224 Kg |
| 4 | x | 27 | x | 0.618 | = | 65.7552 Kg |
| 4 | x | 27 | x | 0.618 | = | 66.744 Kg |
| | | | | | | <hr/> |
| | | | | | | 433.532 Kg |
| | | | | | | = 4.33532 Quintal |

| | | | | | |
|---|--|---------------------------|-----|----|---------|
| | @ | 7089 /qtl | = | Rs | 30733.1 |
| 8 | Providing and fixing G.I pipes including necessary sockets, bends, jamnuts , elbows , tees complete. (Rates as per market rates) | | | | |
| | (a)75mm G.I Pipes | | | | |
| | | Length-2.6 Rm @ Rs 490/Rm | = | Rs | 1274 |
| | (b) 50mm G.I pipes | | | | |
| | | Length 50 Rm @ Rs 180/-Rm | = | Rs | 9,000 |
| | | GRAND TOTAL | = | Rs | 99,997 |
| | | | Say | Rs | 100,000 |
| | (Rupees One lakh only) | | | | |

PLAN AND SECTION OF SPRING CHAMBER WITH WATER RESERVOIR



PREPARED BY
 PROJECT FORMULATION CELL SHILLONG
 SCALE : NOT TO SCALE
 ALL DIMENSIONS ARE IN METRES

ESTIMATE FOR THE CONSTRUCTION OF SMALL DUG-OUT POND AS PER
SCHEDULED OF RATES FOR ROADS, BRIDGES AND E & D WORKS FOR THE YEAR
2009-2010 IN TURA CIRCLE AND WILLIAMNAGAR CIRCLE

1/3. Cleaning and removal of rubbish upto a distance of 30 m outside the periphery of the area
Area = Rs 0.048 Ha

@ 5040 /Ha = Rs 241.9

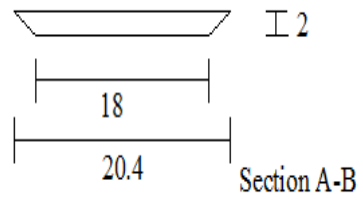
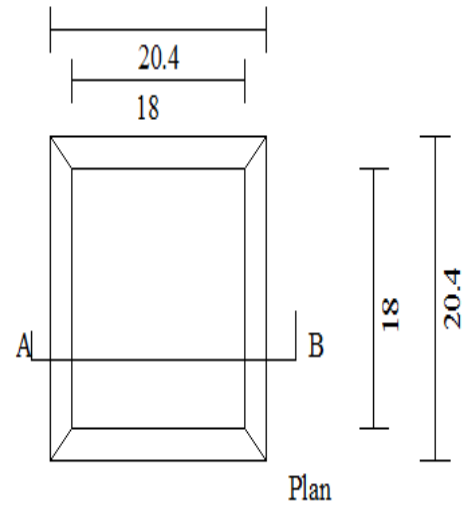
2/67. Earthwork in excavation for foundation of structures upto 3m depth as per drawing and technical specification etc.

$$1 \times \frac{(20.4 \times 20.4) + (18 \times 18)}{2} \times 2 = 740.16 \text{ m}^3$$

@ Rs 101 /m³ = Rs 74756.16
Total = Rs. 74,998.08
Say Rs. 75,000.00

(Rupees seventy five thousand) Only

PLAN FOR SMALL DUG OUT POND



PREPARED BY
PROJECT FORMULATION CELL SHILLONG
ALL DIMENSIONS ARE IN METRE
SCALE : NOT TO SCALE

ESTIMATE FOR THE CONSTRUCTION OF CEMENT CONCRETE RETAINING WALL
AS PER SCHEDULED OF RATES FOR ROADS AND BRIDGES AND E&D WORKS FOR THE YEAR
2009-2010 IN TURA AND WILLIAMNAGAR CIRCLE

1/134(i) Excavation of structures (earthwork in excavation of foundation of Structures as per drawing and technical specification including setting out etc

$$1 \times 17.69 \times 0.9 \times 0.8 = 12.7368 \text{ m}^3$$

$$@ 47 /\text{m}^3 = \text{Rs } 598.6296$$

2/137 Plain Cement Concrete 1:3:6 nominal mixed in foundation with crushed stone aggregates 40 mm nominal size mechanically mixed etc including curing for 14 days

$$1 \times 17.69 \times 0.9 \times 0.8 = 12.737 \text{ m}^3$$

$$1 \times 17.69 \times \left(\frac{0.9 + 0.4}{2} \right) \times 1.8 = 20.697 \text{ m}^3$$

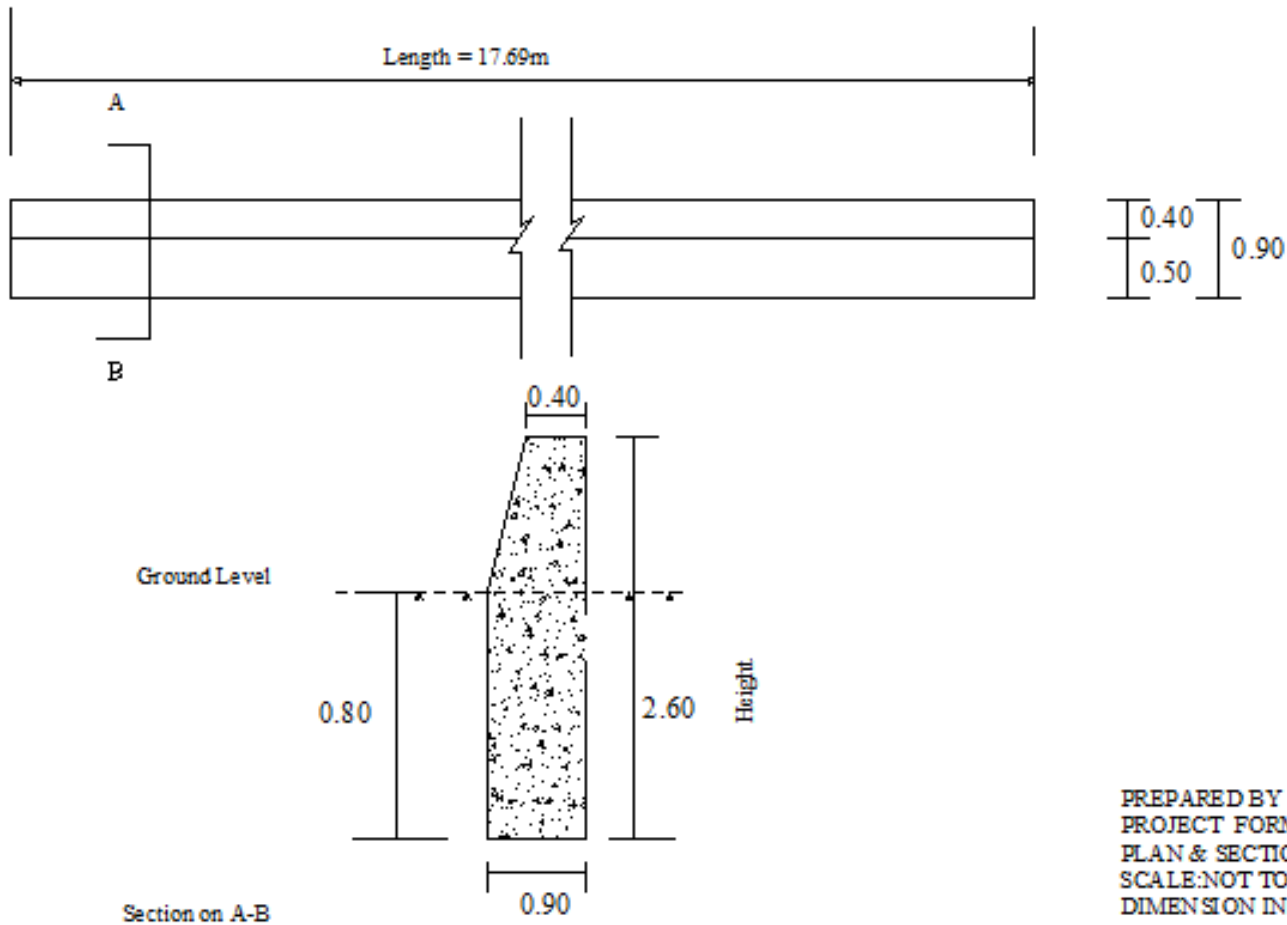
$$33.434 \text{ m}^3$$

$$@ 3571 /\text{m}^3 = \text{Rs } 119,393.17$$

| | | | |
|-------------|-----|----|------------|
| Grand total | = | Rs | 119,991.80 |
| | Say | Rs | 1,20,000 |

(Rupees One lakh and twenty thousand only)

PLAN & SECTION OF C.C RETAINING WALL



ESTIMATE FOR THE CONSTRUCTION OF WATER HARVESTING STRUCTURE
RATES ARE AS PER P.W.D SCHEDULED OF RATES FOR ROADS BRIDGES AND E & D WORKS
FOR THE YEAR 2009-10 FOR TURA AND WILLIAMNAGAR CIRCLE

1/3. Cleaning and removal of rubbish upto a distance of 30 m outside the periphery of the area

Area = 0.155 Ha

@ 5040 /Ha = Rs 781.2

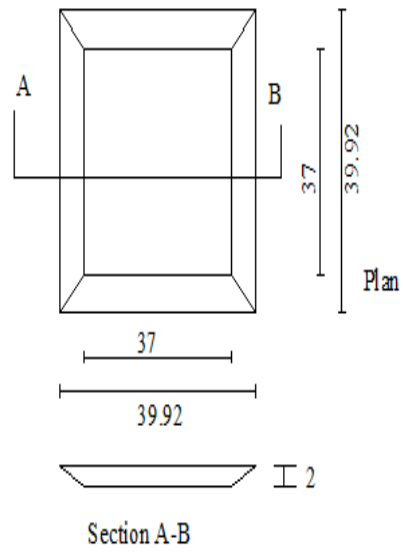
2/3(a) Earthwork in excavation to the proper grade including light, dressing providing cambering and super elevation as directed and removal of spoils upto 30m lead and all lift

$$1 \times \left(\frac{39.92 \times 39.92}{2} + \left(\frac{37 \times 37}{2} \right) \right) \times 2 = 2962.606 \text{ m}^3$$

@ Rs 101 /m³ = Rs 299223.2
Total = Rs 300,004.45
Say Rs 3,00,000

(Rupees Three Lakhs) Only

PLAN AND SECTION FOR WATER HARVESTING STRUCTURE



PREPARED BY
PROJECT FORMULATION CELL SHILLONG
DIMENSION IN METRE
SCALE : NOT TO SCALE

ESTIMATE FOR THE CONSTRUCTION OF CEMENT CONCRETE CHECK DAM AS PER
SCHEDULED OF RATES FOR ROADS , BRIDGES AND E & D WORKS FOR 2009-10
FOR TURA AND WILLIAMNAGAR CIRCLE

1/62(i) Earthwork in excavation for structures (construction of retaining walls in cement concrete 1:5 as per drawing and technical specifications).

| | | | | | | | | | |
|--------------|----|---|------|---|-----|---|-----|---|----------------------|
| Dam | 12 | x | 1.1 | x | 1 | = | | | 13.2 m ³ |
| Curtain Wall | 8 | x | 0.15 | x | 0.4 | = | | | 0.48 m ³ |
| Apron | 9 | x | 3 | x | 0.4 | = | | | 10.8 m ³ |
| Wing wall | 2 | x | 3.5 | x | 1 | x | 1.1 | = | 7 m ³ |
| | | | | | | | | = | 31.48 m ³ |

@ 101 /m³ = Rs 3179.48

2/97. Providing and laying of boulder Apron for bed protection with stone boulder of size 15cm size and 6cm wide as per drawing and technical specifications .

| | | | | | | | | | |
|-------|---|---|---|---|------|---|--|--|---------------------|
| Apron | 9 | x | 3 | x | 0.25 | = | | | 6.75 m ³ |
|-------|---|---|---|---|------|---|--|--|---------------------|

@ 1086 /m³ = Rs 7330.5

3/137 Plain Cement Concrete in proportion 1:3:6 nominal mixed in foundation with crushed stone aggregates 40mm mechanically mixed etc.

| | | | | | | | | | | | |
|-----------|----|---|-----|---|-----|---|------|---|--|--|-----------------------|
| Wing Wall | 2 | x | 3.5 | x | 1 | x | 0.1 | = | | | 0.7 m ³ |
| Dam | 1 | x | 12 | x | 1.1 | x | 0.1 | = | | | 1.32 m ³ |
| | 1 | x | 12 | x | 1.1 | x | 1 | = | | | 13.2 m ³ |
| | 12 | x | 0.5 | + | 1.1 | x | 1.69 | = | | | 16.224 m ³ |

| | | | | | | | | | |
|--------------|---|---|-------|----------------|------|---|-----|---|------------------------|
| | 2 | | | | | | | | |
| | 2 | x | 4 | x | 0.6 | x | 0.3 | = | 1.44 m ³ |
| Apron | 9 | x | 3 | x | 0.15 | | | = | 4.05 m ³ |
| Curtain Wall | 8 | x | 0.15 | x | 0.55 | | | = | 0.66 m ³ |
| C.C Channel | 1 | x | 11.52 | x | 0.7 | x | 0.1 | = | 0.8064 m ³ |
| | 2 | x | 11.52 | x | 0.6 | x | 0.1 | = | 1.3824 m ³ |
| | | | | | | | | = | 39.7828 m ³ |
| | @ | | 3571 | m ³ | | | | = | Rs 142064.3788 |

4/62(iii) Construction of retaining walls /breast walls in cement mortar 1:5 as per drawing and technical specifications etc.

Wing Wall

| | | | | | | | | | |
|-----|-----|------|----------------|---|---|---|-----|---|-----------------------|
| | 2 | x | 3.5 | x | 1 | x | 1 | = | 7 m ³ |
| 2 X | 3.5 | X | 0.5 | + | 1 | X | 1.7 | = | 8.925 m ³ |
| | | | 2 | | | | | = | 15.925 m ³ |
| | @ | 2536 | m ³ | | | | | = | Rs 40385.8 |

5/176 Plastering with cement mortar 1:3 on brick work in sub structure as per technical specification.

Dam

| | | | | | | | |
|--|----|---|----|---|-----|---|---------------------|
| | 2 | x | 12 | x | 1.7 | = | 40.8 m ² |
| | 12 | x | 4 | x | 0.3 | = | 14.4 m ² |

| | | | | | | | | |
|-------------|---|---|-------|---|-----|---|---------------|----------------|
| | 2 | x | 0.6 | x | 0.3 | = | 0.36 | m ² |
| | 1 | x | 6 | x | 0.6 | = | 3.6 | m ² |
| C.C Channel | 2 | x | 11.52 | x | 0.6 | = | 13.824 | m ² |
| | 1 | x | 11.52 | x | 0.7 | = | 8.064 | m ² |
| | | | | | | = | <u>81.048</u> | m ² |

@ 83 m³ = Rs 6726.984

6/134 Excavation of structures (earthwork in excavation of foundation of structures as per drawing and technical specification including setting out and construction of shoring etc.

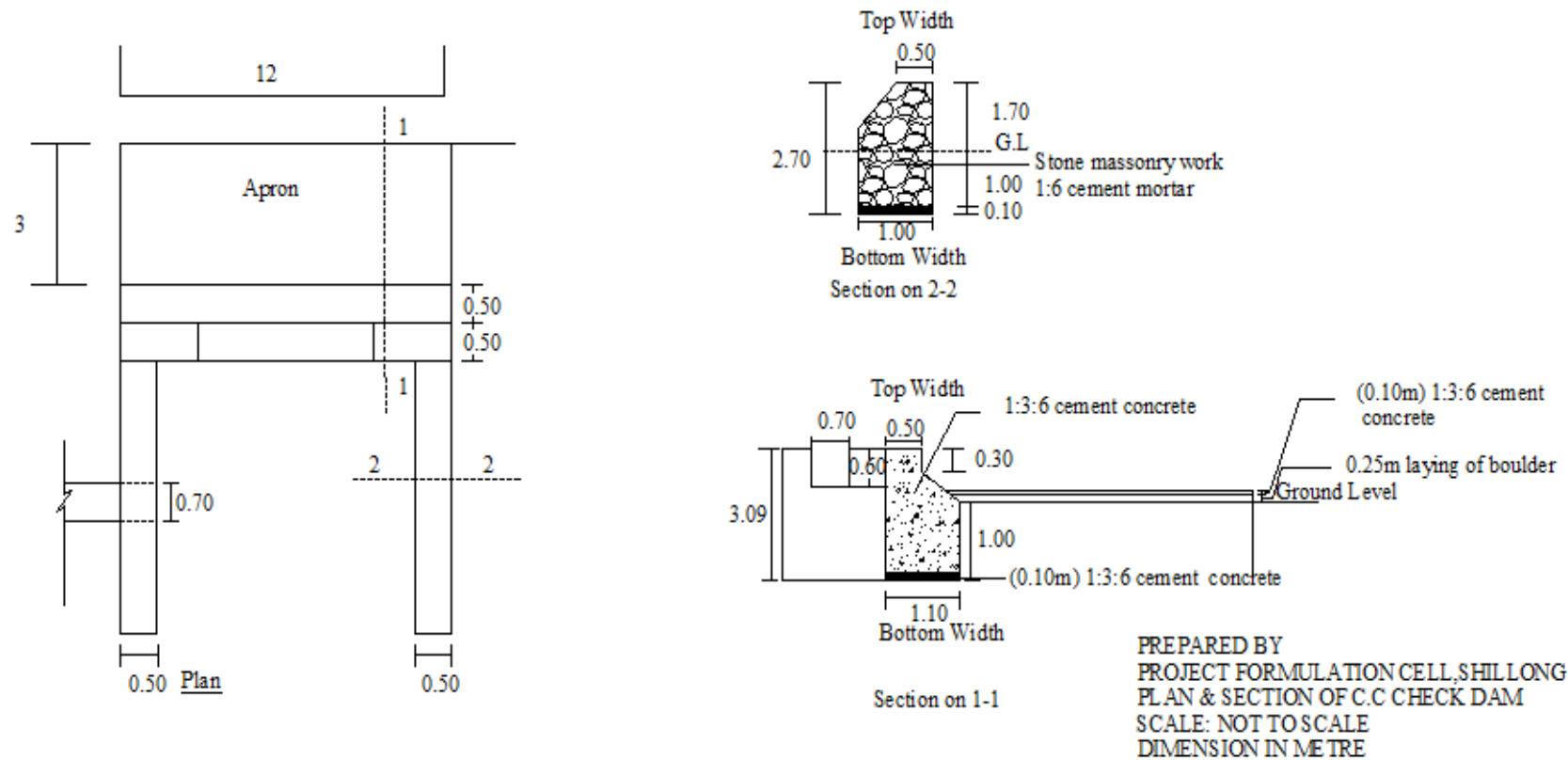
11.52 x 0.8 x 0.7 = 6.4512 m³

@ 47 m³ = Rs 303.2064

Total = Rs 199,991.79
say Rs 2,00,000

(Rupees Two Lakhs) only

PLAN AND SECTION OF CEMENT CONCRETE CHECK DAM



ESTIMATE FOR THE CONSTRUCTION OF CEMENT CONCRETE DIVERSION CHANNEL AS PER
SCHEDULED OF RATES FOR ROADS , BRIDGES E & D WORKS FOR THE YEAR 2009-2010
IN TURA AND WILLIAMNAGAR CIRCLE

1/134(1) Excavation for structures (earthwork in excavation of foundation of structures as per drawing and technical specifications, including setting out etc.

$$1 \times 53.20 \times \frac{1.50 + 1.00}{2} \times 1.19 = 79.14 \text{ m}^3$$

Rs. 47 /m³ Rs 3,719.35

2/103. Providing and laying of dry rubble flooring completed as per drawing and technical specifications etc.

$$1 \times 53.20 \times 1 = 53.20 \text{ m}^3$$

Rs. 1065 /m³ Rs 56,658.00

3/141A Plain /reinforced cement concrete in open foundation as per drawing and technical specifications

Cement
procured

$$1 \times 53.20 \times 1 \times 0.1 = 5.32 \text{ m}^3$$

$$2 \times 53.20 \times 1.22 \times 0.1 = 12.98 \text{ m}^3$$

18.30 m³

Rs. 4090 /m³

Rs 74,850.27

4/176 Plastering with cement mortar (1:3) on brick work in super structure as per drawing and technical specification

$$2 \times 53.20 \times 1.22 = 129.8 \text{ m}^2$$

Rs. 83 /m²

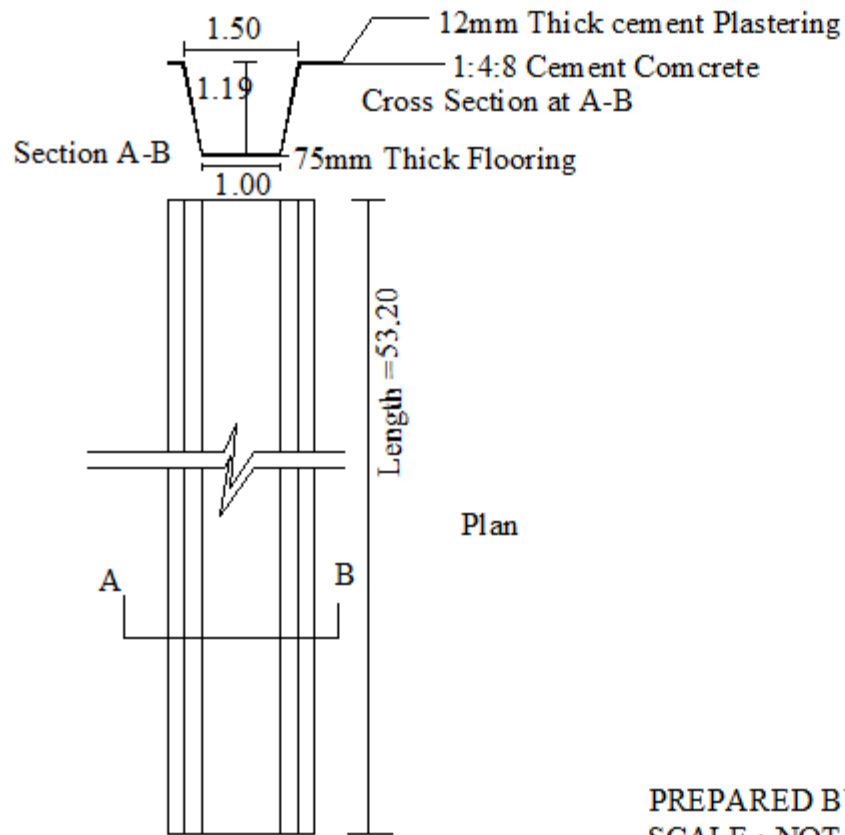
Rs. 10,774.06

Total = Rs. 1,46,001.68

Say Rs. 1,46,000.00

(Rupees one lakh and forty six thousand) only.

PLAN AND SECTION OF CEMENT CONCRETE DIVERSION CHANNEL



PREPARED BY PROJECT FORMULATION CELL SHILLONG
SCALE : NOT TO SCALE
ALL DIMENSIONS ARE IN METRES

ESTIMATE FOR THE CONSTRUCTION OF CEMENT CONCRETE DIVERSION CHANNEL AS PER

SCHEDULED OF RATES FOR ROADS , BRIDGES E & D WORKS FOR THE YEAR 2009-2010
IN TURA AND WILLIAMNAGAR CIRCLE

1/134(1) Excavation for structures (earthwork in excavation of foundation of structures as per drawing and technical specifications, including setting out etc.

$$1 \times 30.24 \times \frac{1.50 + 1.00}{2} \times 1.196 = 45.21 \text{ m}^3$$

Rs. 47 /m³ Rs. 2,124.81

2/103. Providing and laying of dry rubble flooring completed as per drawing and technical specifications etc.

$$1 \times 30.24 \times 1 = 30.24 \text{ m}^3$$

Rs. 1065 /m³ Rs. 32,205.60

3/141A Plain /reinforced cement concrete in open foundation as per drawing and technical specifications

Cement
procured

$$\begin{array}{rcl} 1 \times 30.24 \times 1 \times 0.1 & = & 3.024 \text{ m}^3 \\ 2 \times 30.24 \times 1.22 \times 0.1 & = & 7.379 \text{ m}^3 \\ \hline & & 10.40 \text{ m}^3 \end{array}$$

Rs. 4090 /m³ Rs. 42,546.47

4/176 Plastering with cement mortar (1:3) on brick work in super structure as per drawing and technical specification

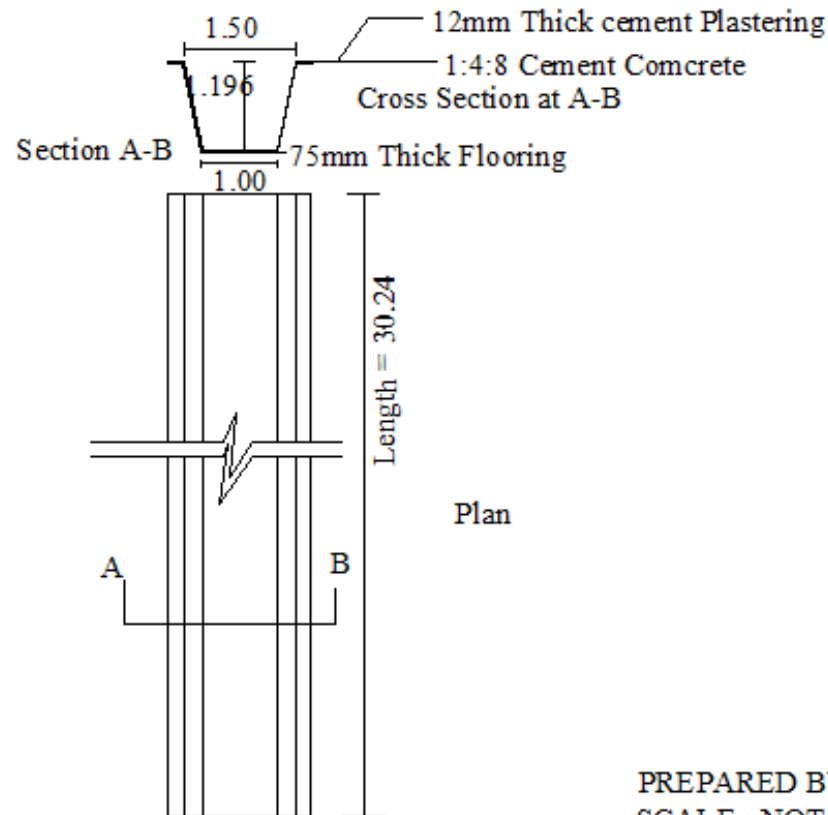
$$2 \times 30.24 \times 1.22 = 73.79 \text{ m}^2$$

Rs. 83 /m² Rs. 6,124.20

Total = Rs. 83,001.09

Say Rs. 83,000.00
(Rupees eighty three thousand) only.

PLAN AND SECTION OF CEMENT CONCRETE DIVERSION CHANNEL



PREPARED BY PROJECT FORMULATION CELL SHILLONG
SCALE : NOT TO SCALE
ALL DIMENSIONS ARE IN METRES

ESTIMATE FOR THE CONSTRUCTION OF CEMENT CONCRETE DIVERSION CHANNEL AS PER

SCHEDULED OF RATES FOR ROADS , BRIDGES E & D WORKS FOR THE YEAR 2009-2010
IN TURA AND WILLIAMNAGAR CIRCLE

1/134(1) Excavation for structures (earthwork in excavation of foundation of structures as per drawing and technical specifications, including setting out etc.

$$1 \times 29.87 \times \frac{1.50 + 1.00}{2} \times 1.2 = 44.81 \text{ m}^3$$

Rs. 47 /m³ Rs. 2,105.84

2/103. Providing and laying of dry rubble flooring completed as per drawing and technical specifications etc.

$$1 \times 29.87 \times 1 = 29.87 \text{ m}^3$$

Rs. 1065 /m³ Rs. 31,811.55

3/141A Plain /reinforced cement concrete in open foundation as per drawing and technical specifications

Cement
procured

$$1 \times 29.87 \times 1 \times 0.1 = 2.987 \text{ m}^3$$

$$2 \times 29.87 \times 1.22 \times 0.1 = 7.288 \text{ m}^3$$

10.28 m³

Rs. 4090 /m³ Rs. 42,025.90

4/176 Plastering with cement mortar (1:3) on brick work in super structure as per drawing and technical specification

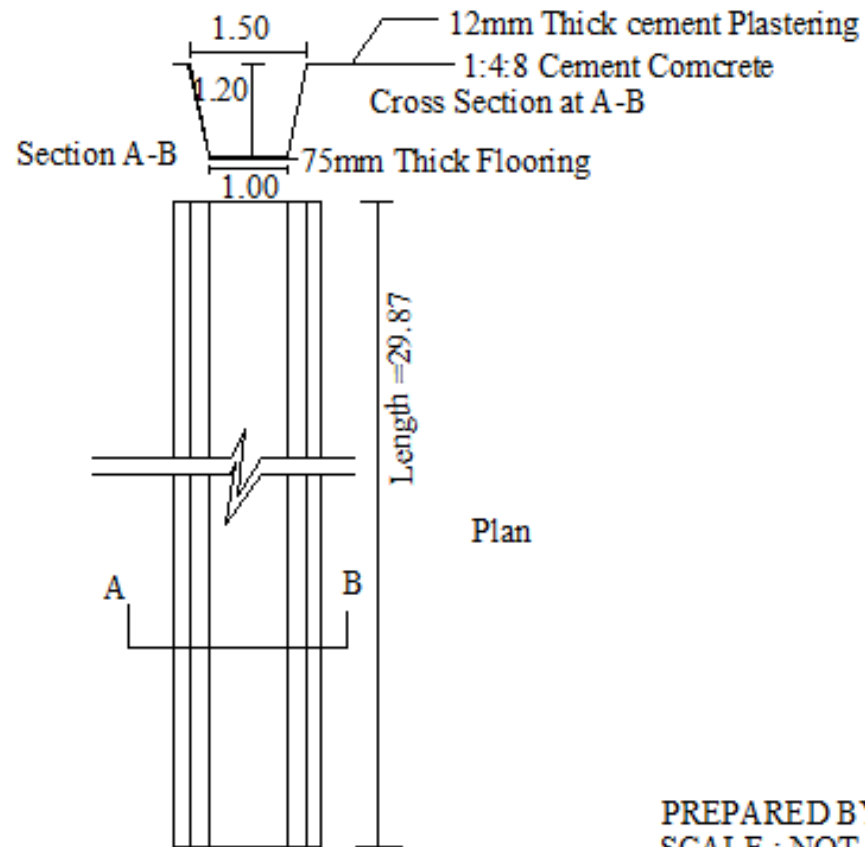
$$2 \times 29.87 \times 1.22 = 72.88 \text{ m}^2$$

$$\text{Rs. } 83 /\text{m}^2 \qquad \qquad \qquad \text{Rs. } 6,049.27$$

$$\text{Total} = \text{Rs. } 81,992.55$$

Say
(Rupees eighty two thousand) only. Rs. 82,000.00

PLAN AND SECTION OF CEMENT CONCRETE DIVERSION CHANNEL



PREPARED BY PROJECT FORMULATION CELL SHILLONG
SCALE : NOT TO SCALE
ALL DIMENSIONS ARE IN METRES

ANNEXURE IV

MoA, SUB COMMITTEE DETAILS ETC.

FORMATION OF WATERSHED DEVELOPMENT TEAM (WDT)

The P.I.A (Project Implementing Agency) Baghmara Soil & Water Conservation (C.C) Division, South Garo Hills has constituted 5 (five) W.D.T Members (Watershed Development Team) for the smooth functioning of the project on 20/12/2010 as per the Common Guidelines for Watershed Development Projects.

| Names of Districts | Names of projects | Names of WDT members | M/F# | Age | Qualification / Experience | Description of professional training |
|--------------------|-------------------|---------------------------|--------|--------|---|--|
| South Garo Hills | SGH-IWMP-V | Shri. Kai Raksal M Sangma | Male | 28 yrs | Bachelor of Computer Application | Bachelor of Computer Application (B.C.A) |
| | | Miss Ponobi R Marak | Female | 25 yrs | Bachelor of Science in Forestry | Bachelor of Science in Forestry |
| | | Shri. Bilcheng K. Marak | Male | 23 yrs | Diploma in Civil Engineering | Civil Engineering |
| | | Miss. Flewinda N Areng | Female | 26 yrs | B.V.Sc. & AH | Bachelor of Veterinary Science & Animal Husbandary |
| | | Shri. Reagan S. Momin | Male | 29 yrs | Bachelor in HM & Administrative Assistant | Bachelor in HM & Administrative Assistant |

FORMATION OF WATERSHED COMMITTEE AND THE REGISTRATION UNDER SOCIETY REGISTRATION ACT.

The Reso Micro Watershed under Integrated Watershed Management Programme (IWMP-V) has constituted Watershed Committee (W.C) for smooth implementation of the Watershed Project with the Technical support of the Watershed Development Team (WDT) in the Village. The Villagers of the Reso Micro-watershed unanimously selected the Chairman and the Members of the Watershed Committee in the meeting from the village itself and the Secretary from the Department of Soil & Water Conservation , Shri. Bladethone Ch. Marak (SCD Sr.) Baghmara Soil & Water Conservation (CC) Division . The Watershed Committee of Reso Micro-Watershed comprises of 10 members.

| Name of the District | Name of project | Names of Watershed Committee | Date of Registration as a Society (dd/mm/ yyyy) | Designation | M/F | ST | Educational qualification |
|----------------------|-----------------|------------------------------|---|-------------|-----|----|---------------------------|
| South Garo Hills | SGH-IWMP-V | 1. Shri. Bin Sangma | 29/11/2011 SGH/SR/717 of 2011 | Chairman | M | ST | Class VIII |
| | | 2. Shri. B. Ch. Marak (SWCR) | | Secretary | M | ST | H.S. S. L.C. |
| | | 3. Shri. Kai Raksal Sangma | | Member | M | ST | B.C.A |
| | | 4. Shri. Malthias Sangma | | Member | M | ST | Class VII |
| | | 5. Shri. Bitarson Marak | | Member | M | ST | Class V |
| | | 6. Shri. Albinth Marak | | Member | M | ST | Class VII |
| | | 7. Shri. Lotipson Marak | | Member | M | ST | Class X |
| | | 8. Smt. Isna Marak | | Member | F | ST | Class VIII |
| | | 9. Smt. Ledinna Momin | | Member | F | ST | Class IV |
| | | 10. Shri Dolai Sangma | | Member | M | ST | Class XII |

FORMATION OF WATERSHED COMMITTEE AND THE REGISTRATION UNDER SOCIETY REGISTRATION ACT.

The Rompa Micro Watershed under Integrated Watershed Management Programme (IWMP-V) has constituted Watershed Committee (W.C) for smooth implementation of the Watershed Project with the Technical support of the Watershed Development Team (WDT) in the Village. The Villagers of Rompa Micro-Watershed unanimously selected the Chairman and the Members of the Watershed Committee in the meeting from the village itself and the Secretary from the Department of Soil & Water Conservation, Shri. Bladethone Ch. Marak (SCD Sr.) Bagmara Soil & Water Conservation (CC) Division. The Watershed Committee of Rompa Micro-Watershed comprises of 10 members.

| Name of the District | Name of project | Names of Watershed Committee | Date of Registration as a Society (dd/mm/ yyyy) | Designation | M/F | ST | Educational qualification |
|----------------------|-----------------|------------------------------|---|-------------|-----|----|---------------------------|
| South Garo Hills | SGH-IWMP-V | 1. Shri. Senosh R. Marak | 29/11/2011 SGH/SR/718 of 2011 | Chairman | M | ST | Class VIII |
| | | 2. Shri. B. Ch. Marak (SWCR) | | Secretary | M | ST | H.S. S. L.C. |
| | | 3. Shri. Kai Raksal Sangma | | Member | M | ST | B.C.A |
| | | 4. Shri. Enderson Ch. Marak | | Member | M | ST | Class VII |
| | | 5. Shri. Hamil Ch. Marak | | Member | M | ST | Class V |
| | | 6. Shri. Denin Ch. Marak | | Member | M | ST | Class VII |
| | | 7. Shri. Darwin R. Marak | | Member | M | ST | Class X |
| | | 8. Shri. Kalsin D. Sangma | | Member | M | ST | Class VIII |
| | | 9. Smt. Sikmerina Ch. Marak | | Member | F | ST | Class IV |
| | | 10. Smt. Bargitha Ch. Marak | | Member | F | ST | Class XII |



सत्यमेव जयते

GOVERNMENT OF MEGHALAYA

**OFFICE OF THE REGISTRAR OF SOCIETIES
SOUTH GARO HILLS DISTRICT
MEGHALAYA**

Certificate for Registration of Societies

Regd No. SGH/SR/ 718 of 2011

I hereby certify that (Name of Society) ROMPA MICRO WATERSHED COMMITTEE VILLAGE ARUAKGRE(CHOKPOT) P.O. RUGA P.S. DIMAPARA, SOUTH GARO HILLS, MEGHALAYA has this day been Registered under the Meghalaya Societies Act, 1983 (Meghalaya Act XII of 1983).

Given under my hand and seal the TWENTY NINE day of NOVEMBER (month) two thousand ELEVEN

Place: - BAGHMARA

Date: - 29-11-11



JOINT REGISTRAR OF SOCIETIES
Joint Registrar of Societies
South Garo Hills District,
Baghmara



सत्यमेव जयते

GOVERNMENT OF MEGHALAYA
OFFICE OF THE REGISTRAR OF SOCIETIES
SOUTH GARO HILLS DISTRICT
MEGHALAYA

Certificate for Registration of Societies

Regd No. SGH/SR/ 717 OF 2011

I hereby certify that (Name of Society) RESO MICRO WATERSHED COMMITTEE VILLAGE RANGMAI SONGMONG(CHOKPOT) P.O. RUGA P.S. DIMAPARA, SOUTH GARO HILLS, MEGHALAYA has this day been Registered under the Meghalaya Societies Act, 1983 (Meghalaya Act XII of 1983).

Given under my hand and seal the TWENTY NINE day of NOVEMBER (month) two thousand ELEVEN

Place: - BAGHMARA

Date: - 29-11-11.



GOVT REGISTRAR OF SOCIETIES
SOUTH GARO HILLS DISTRICT
South Garo Hills District,
Baghmara

AGREEMENT FOR CONVERGENCE OF SCHEME

The Village Employment Council (VEC) and the Communities of Aruakgre Village, Chokpot Block, South Garo Hills, Meghalaya have no objection to the Convergence of NREGS with Integrated Watershed Management Project (IWMP) at Aruakgre village under Rompa Micro-Watershed, SGH-IWMP-V being implemented by Baghmara Soil & Water Conservation (C.C) Division, South Garo Hills.

We have also agreed and committed to allocate the Funds for wages as well as material components under NREGS in our Annual Work Plan for various Soil & Water Conservation Works which shall be taken up during the Project Period (2011-12 to 2016-16). The wage and material component under NREGS shall be utilized for following works:

1. Small Dug-out Pond
2. Rubber Plantation.
3. Protection Wall/ Retaining Wall.
4. Water Harvesting.
5. C.C Check Dam.



L. T. I of

*Shri Muniram
R.
Marak.*

President
Village Employment Council
Aruakgre
Gasuapara Block, SGH.

Wailets R. Morel

Secretary
Village Employment Council
Aruakgre
Gasuapara Block, SGH.

Chairman,
PEIC, Rangmai Aruak VEC
Gasuapara C & RD, Block
South Garo Hills.

Secretary,
PEIC, Rangmai Aruak VEC
Gasuapara C & RD, Block
South Garo Hills.

AGREEMENT FOR CONVERGENCE OF SCHEME

The Village Employment Council (VEC) and the Communities of Rengguagre Village, Chokpot Block, South Garo Hills, Meghalaya have no objection to the Convergence of NREGS with Integrated Watershed Management Project (IWMP) at Rengguagre village under Rompa Micro-Watershed, SGH-IWMP-V being implemented by Baghmara Soil & Water Conservation (C.C) Division, South Garo Hills.

We have also agreed and committed to allocate the Funds for wages as well as material components under NREGS in our Annual Work Plan for various Soil & Water Conservation Works which shall be taken up during the Project Period (2011-12 to 2016-16). The wage and material component under NREGS shall be utilized for following works:

1. Small Dug-out Pond
2. Rubber Plantation.
3. Protection Wall/ Retaining Wall.
4. Water Harvesting.
5. C.C Check Dam.

Jedim M. Sangma
President
Village Employment Council
Rengguagre
Gasuapara Block, SGH.

Chairman,
PEIC, Rengguagre VEC,
Gasuapara C & RD, Block
South Garo Hills.

gongkhin A. Sangma
Secretary
Village Employment Council
Rengguagre
Gasuapara Block, SGH.

Secretary
PEIC, Rengguagre VEC
Gasuapara C & RD, Block
South Garo Hills.

AGREEMENT FOR CONVERGENCE OF SCHEME

The Village Employment Council (VEC) and the Communities of Jongjang gittim Village, Chokpot Block, South Garo Hills, Meghalaya have no objection to the Convergence of NREGS with Integrated Watershed Management Project (IWMP) at Jongjang gittim village under Rompa Micro-Watershed, SGH-IWMP-V being implemented by Baghmara Soil & Water Conservation (C.C) Division, South Garo Hills.

We have also agreed and committed to allocate the Funds for wages as well as material components under NREGS in our Annual Work Plan for various Soil & Water Conservation Works which shall be taken up during the Project Period (2011-12 to 2016-16). The wage and material component under NREGS shall be utilized for following works:

1. Small Dug-out Pond
2. Rubber Plantation.
3. Protection Wall/ Retaining Wall.
4. Water Harvesting.
5. C.C Check Dam.

Kothon Ch. Moinin
President
Village Employment Council
Jongjang gittim
Gasuapara Block, SGH.
Chairman
Vill. Employment Council
Jongjang gittim, Ch. T. Chak
Gasuapara Block, South Garo Hills.

Lemur R. Marok
Secretary
Village Employment Council
Jongjang gittim
Gasuapara Block, SGH.
Secretary
PEIC, Pangmai Chigitchak + Jongjang gittim VEC
Gasuapara C & RD. Block
South Garo Hills.

AGREEMENT FOR CONVERGENCE OF SCHEME

The Village Employment Council (VEC) and the Communities of Rangmai Songmong Village, Chokpot Block, South Garo Hills, Meghalaya have no objection to the Convergence of NREGS with Integrated Watershed Management Project (IWMP) at Rangmai Songmong village under Reso Micro-Watershed, SGH-IWMP-V being implemented by Baghmara Soil & Water Conservation (C.C) Division, South Garo Hills.

We have also agreed and committed to allocate the Funds for wages as well as material components under NREGS in our Annual Work Plan for various Soil & Water Conservation Works which shall be taken up during the Project Period (2011-12 to 2016-16). The wage and material component under NREGS shall be utilized for following works:

1. Small Dug-out Pond
2. Rubber Plantation.
3. Protection Wall/ Retaining Wall.
4. Water Harvesting.
5. C.C Check Dam.

Bimson D. Sangma

President
Village Employment Council
Rangmai Songmong
Gasuapara Block, SGH.

Chairman,
Office Rangmai Songmitra - Songmon
Gasuapara C & RD, Block
South Garo Hills

Jani pal Syka

Secretary
Village Employment Council
Rangmai Songmong
Gasuapara Block, SGH.

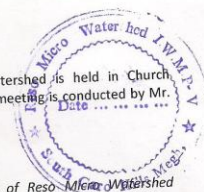
Secretary,
MEIC Rangmai Songmitra - Songmon VEC,
Gasuapara C & RD Block
South Garo Hills.

FORMATION OF WATERSHED DEVELOPMENT TEAM (WDT)

The P.I.A (Project Implementing Agency) Baghmara Soil & Water Conservation (C.C) Division, South Garo Hills has constituted 5 (five) W.D.T Members (Watershed Development Team) for the smooth functioning of the project on 20/12/2010 as per the Common Guidelines for Watershed Development Projects.

| Names of Districts | Names of projects | Names of WDT members | M/F# | Age | Qualification / Experience | Description of professional training |
|--------------------|-------------------|---------------------------|--------|--------|---|--|
| South Garo Hills | SGH-IWMP-VI | Shri. Kai Raksal M Sangma | Male | 28 yrs | Bachelor of Computer Application | Bachelor of Computer Application (B.C.A) |
| | | Miss Ponobi R Marak | Female | 25 yrs | Bachelor of Science in Forestry | Bachelor of Science in Forestry |
| | | Shri. Bilcheng K. Marak | Male | 23 yrs | Diploma in Civil Engineering | Civil Engineering |
| | | Miss. Flewinda N Areng | Female | 26 yrs | B.V.Sc. & AH | Bachelor of Veterinary Science & Animal Husbandary |
| | | Shri. Reagan S. Momin | Male | 29 yrs | Bachelor in HM & Administrative Assistant | Bachelor in HM & Administrative Assistant |

The Proceeding of the General Meeting of the Reso Micro Watershed is held in Church Compound, Rangmai Songmong on 23rd Sept' 2011 at 1:30 PM. The meeting is conducted by Mr. Mathew A. Sangma (SCD).
Date



Members in attendance: Enclose

The meeting is held in connection with the constitution of Reso Micro Watershed Committee which is being taken-up by the Central Schemes Integrated Watershed Management Programme (IWMP). Following are the resolution which have been adopted with the formation of the Watershed Committee.

Watershed Committee


- | | |
|------------------------------|-------------|
| 1. Shri. Bin Sangma | (Chairman) |
| 2. Shri. B. Ch. Marak (SWCR) | (Secretary) |
| 3. Shri. Kai Raksal Sangma | (Member) |
| 4. Shri. Malthias Sangma | (Member) |
| 5. Shri. Bitarson Marak | (Member) |
| 6. Shri. Albinth Marak | (Member) |
| 7. Shri. Lotipson Marak | (Member) |
| 8. Smt. Isna Marak | (Member) |
| 9. Smt. Ledinna Momin | (Member) |
| 10. Shri. Dalai Sangma | (Member) |


Resolution:

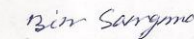
- (1) The Committee Members in a joint meeting are pleased to discuss and proposed the project for construction of Spring Chamber for supplying of drinking water to Rangmai Songmong and Inchragre villages.
- (2) The Committee Members are also pleased to discuss and proposed to take up the project for Community plantation of Rubber and Arecanut in Watershed area.

The Secretary are therefore asked to prepare and submit the proposal for above project to the ASWCO, I/c Watershed Management, Baghmara, South Garo Hills for necessary action.

The meeting adjourned with a vote of thanks from the chair-person.


Chairman/Secretary
RESO MICRO WATERSHED
IWMP- V.

Recorded by

(Smt. Ponobi R. Marak)


Chairman/Secretary
RESO MICRO WATERSHED
IWMP- V.

MEMBER PRESENT

TARIK : 23-09-2011

SOMDI : 2:00 PM

BI-AP : RANGMAI SONGMONG COMMUNITY C



SL. NO BIMUMG


| | | |
|----|-----------------------------|-----------------|
| 1 | Rakbath - Marak. | Jugra |
| 2 | Shri Genath | |
| 3 | Shri Kenneth Ch. Marak | Bhuk |
| 4 | Shri Mallish. Sangma | Bhuk |
| 5 | Shri Prinson Sangma | Bhuk |
| 6 | Shri Rakorso Marak | Bhuk |
| 7 | 4 Lotipson Marak | Mu |
| 8 | " Geptain Sangma | Jugra |
| 9 | " Bilhask Marak | Bhuk |
| 10 | Gilbath Marak | Bhuk |
| 11 | " Silbath Sangma | Bhuk |
| 12 | " Betop Marak | Bhuk |
| 13 | " Pijel Marak | Bhuk |
| 14 | Shri. Kelvingston Ch. Marak | Bhuk |
| 15 | Shri Henshing M. Sangma | Bhuk |
| 16 | " Demesh Marak | Bhuk |
| 17 | " Anan ch Marak | Bhuk |
| 17 | " Genigal N. Sangma | Bhuk |
| 18 | " Unilgan B. Marak | Bhuk |

SL.NO.

BINUNG

SOT KARAN

- 19 Shri. Sangbath M. Marak. Smt
- 20 Shri Suppley S. Marak, Marak
- 21 Shri Rengram M. Sangma Rngs,
- 22 Shri. Kudash LH Marak Rm
- 23 Shri Killonni Marak ^{KE} Marak
24. Mr Palinna Marak
25. Smt. Sadheva R. Marak. — Sn.
26. " Binna Ch. Marak. — ~~Sn.~~
27. Shri Haldi. Sr. Sangma — ~~Sn.~~
28. Shri Abath R. Marak ~~Sn.~~
- 29 Shri Bohan P. Sangma Sangma.
30. Shri Miesoksing Ch Sangma. ~~Sn.~~
31. Shri Babarsing M. Sangma ~~Sangma.~~
32. Shri Jaring R. Marak ~~R. Marak.~~
- 33 Shri Dinush Ch Monin ~~Sn.~~
34. Shri Men Sangma P. Sangma.
- 35 Smt. Jindha R. Marak ~~R. Marak.~~
- 36 Smt. Pray R. Marak ~~P. Marak.~~
- 37 Smt. Pashina R. Marak
- 38 Shri. Sangung R. Sangma. ~~Sn.~~

| SL. NO. | BIMUNG | SOL KARAN |
|---------|--------------------------|---|
| 39. | Shri Serranand Marah | Sh. |
| 40. | Shri, Mojib Ch, Makak | Mekak |
| 41. | Shri, Sankesh C. Sangra. | Sangra. |
| 42. | Smt. Leelima Ch. Momin | am |
| 43 | Shri Magen Sangma | M.M.S |
| 44 | Shri Timison K. Sangma | Sh |
| 45. | Shri, Ballin M. Marah | te. |
| 46. | " Medison M, Sangma | Sh, |
| 47 | " Ballin M. Sangma | Bingra |
| 48 | " Arcanding T. Sangma |  |
| 49 | " Rajesh H. Sangma | Sh |
| 50 | " Munish M, Marah | Sh. |
| 51 | " Pasangji Ch. Marah | Sh. |
| 52 | " Odith Ch. Momin | O.GM |
| 52 | " Kaita abel M. Sangma | Rm |
| 53 | " Emkingston Ch. Marah | Sh |
| 54 | " Dipson M. Sangma | Sh. |
| 55 | " Winrold Sangma. | Sh L |
| 56. | Dickson M. Sangma | Sh |
| 57 | " Pearti Ch. Momin | Sh Sangma |
| 58 | " Smt. Remilla Ch. Main | Sh |
| 59 | " Sri Pellinson Sangma | Sh |
| 60. | Smt. Prabha K. Marah | Sh |

Chitra S. Secretary
RESO MICRO WATERSHED
I.W.M.P. V.

Chitra S. Secretary
RESO MICRO WATERSHED
I.W.M.P. V.

Bimson Sangma
Nokma
Rangmai-songmang I-9(39)
P.O. Dimapara
Dist. South Garo Hills
Meghalaya.



Date



NO OBJECTION CERTIFICATE

Anga Bimson sangma Rangmai Songmang
Songmang Nokma anga.

Anga soil and water conservation
Department Bagmara South Garo Hills
Integrated watershed Management
Programme (Iwmp) project ko
angni akingo dingtang dingtang
kamrangko kama gita maomung
omongnita giam kusi anga
cha wo Nokchik Kumongu
Anga omanga.

Skri

B. Bimson Sangma
Nokma I-9 (39)
Rangmai-Songmang
South Garo Hills.

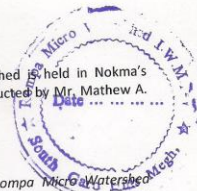
NO OBJECTION CERTIFICATE

Date 26/9/2011

Anga Shri, Bitharson Ch. Mewa
Imehragre Songui nokima unga.
Anga Soil and Water Conservation
Department, Baghmara
South Garo Hillsna Intyrated
Watershed Management programme
(I.W.M.P) projeko angui akengo
dinglang dinglang kamrangko kana
gita mameng nongwikiani grean
kusi onge onunga.

Bitharson Mewa
Bitharson Mewa
Bitharson Mewa
Bitharson Mewa
Bitharson Mewa

The Proceeding of the General Meeting of the Rompa Micro Watershed is held in Nokma's Resident, Aruakgre on 22nd Sept' 2011 at 1:30 PM. The meeting is conducted by Mr. Mathew A. Sangma (SCD).



Members in attendance: Enclose

The meeting is held in connection with the constitution of Rompa Micro Watershed Committee which is being taken-up by the Central Schemes Integrated Watershed Management Programme (IWMP). The resolution which have been adopted with the formation of the Watershed Committee are as follows.

Watershed Committee

- | | |
|------------------------------|-------------|
| 1. Shri. Senosh R. Marak | (Chairman) |
| 2. Shri. B. Ch. Marak (SWCR) | (Secretary) |
| 3. Shri. Kai Raksal Sangma | (Member) |
| 4. Shri. Enderson Ch. Marak | (Member) |
| 5. Shri. Hamil Ch. Momin | (Member) |
| 6. Shri. Denin Ch. Marak. | (Member) |
| 7. Shri. Darwin R. Marak | (Member) |
| 8. Shri. Kalsin D. Sangma | (Member) |
| 9. Smt. Sikmerina Ch. Marak. | (Member) |
| 10. Smt. Bargitha Ch. Marak. | (Member) |

Resolution:


- (1) The Committee Members in a joint meeting are pleased to discuss and proposed the project for construction of Spring Chamber for supplying of drinking water to Aruakgre and Renggua villages.
- (2) The Committee Members are also pleased to discuss and proposed to take up the project for Community plantation of Rubber and Arecanut in Watershed area.

The Secretary are therefore asked to prepare and submit the proposal for above project to the ASWCO, /c Watershed Management, Baghmara, South Garo Hills for necessary action.

The meeting adjourned with a vote of thanks from the chair-person.

Recorded by


(Smt. Ponobi R. Marak)


Chairman
ROMPA MICRO WATERSHED
IWMP- V.


Secretary
ROMPA MICRO WATERSHED
IWMP- V.

MEMBER PRESENT

TARIK: 22.09.2011

SOMOSI: 1:30 P.M

BIAP: RANGMAI ARUAKRE (NOKMA-NI NOK)



| SL. NO | BIMUNG | |
|--------|--------------------------|------|
| 1. | Mouiram Marak. | |
| 2 | Shri Joseseng R. Marak | Shri |
| 3. | Shri Kenneth Ch. Marak | Shri |
| 4. | Shri, Gaething Ch. Momin | Shri |
| 5. | Shri Tindash CH Marak . | Shri |
| 6. | " Simon Sangma | RTS |
| 7 | Shri perang Momin | Shri |
| 8 | Merue Ch Marak | Shri |
| 9 | Shri Kadinam Ch Marak | Shri |
| 10 | Shi, Jepsen eleret | Shri |
| 11 | " Wailak eleret | Shri |
| 12 | " Hikalasing Momi | Shri |
| 13 | " Londerom. Marak. | Shri |
| 14 | Shri. Hamil Ch. Momin. | Shri |
| 15 | Shri Rasendra Ch Marak | Shri |
| 16 | Shri Dalwin R. Marak | Shri |
| 17 | Sadpranish R. Marak | RTS |
| 18 | " Dipal Ch. Marak | RTI |
| 19 | Jiri. Ch Marak | RTI |

| Sl.No | BIMUNG | SOP K.A.NI |
|-------|-----------------------------|---------------|
| 20 | Smt. Subono Ch Marak. | |
| 21 | Smt. gatahol ch Marak. | |
| 22 | Semoh R Marak | Bukh |
| 23 | Sri Kalsin D. Sangma | Sangma |
| 24 | Sri Debendra Momin | Dowosiv |
| 25 | Sri Walhion Marak | Wakaral |
| 26 | Sri Dorendro Marak | Dwarak |
| 27 | Sri Hemaran Moring | Ding |
| 28 | Sri Gisel Sangma | Say. |
| 29 | Smt Balgetha Ch. Marak | Bhukh |
| 30 | " Sikurina " Marak. | Bhukh. |
| 31 | Sri Lewindra ch Momin | Dw |
| 32 | " Palsing R Marak | Dw |
| 33 | Sri. Kai Rakal M. Sangma | Uso |
| 34 | " B. U. Marak | L |
| 35 | " M. A. Sangma. | Sym. |
| 36 | " Jangeng D. Sangma | Wk. |
| 37 | Sri Bilbung K. Matak | Jom 2/9/11 |
| 38 | Smt. Pondri R. Mh | Duk 22/9/11 |
| 39 | Smt. Kreindharine N. Sangma | H. Du 22/9/11 |
| 40 | Sri Dikai Sangma. | |

Chairman/Secretary
ROMPA MICRO WATER
 IWMP - V.

Chairman/Secretary
ROMPA MICRO WATER
 IWMP - V.