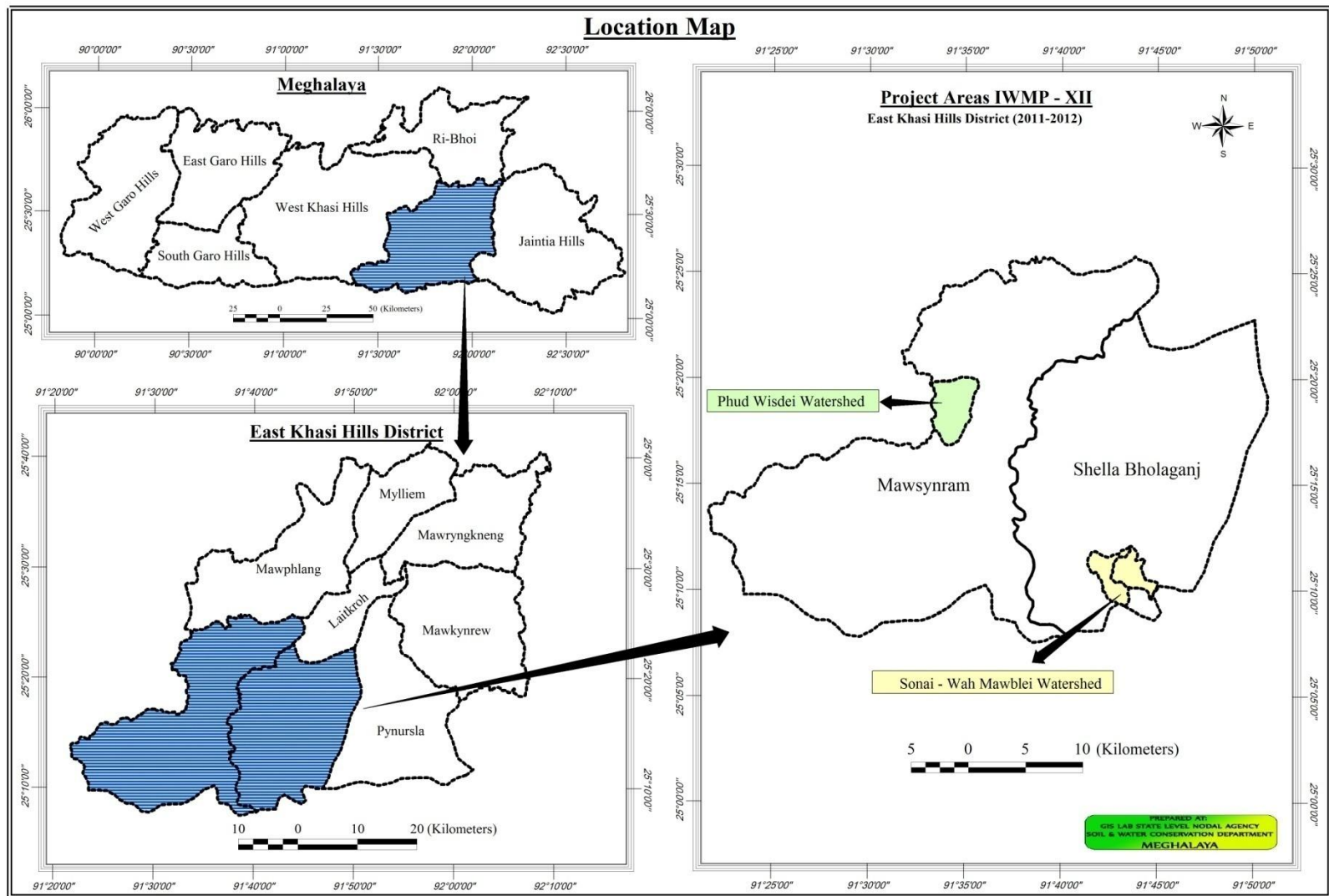


DETAILED PROJECT REPORT
OF INTEGRATED WATERSHED MANAGEMENT PROGRAMME
(IWMP PROJECT XII-2011-12)
SONAI – WAHMAWBLEI & PHUDWISDEI MICRO WATERSHEDS
UNDER SHELLA BHOLAGANJ C & RD BLOCK & MAWSYNRAM C&RD BLOCK
EAST KHASI HILLS DISTRICT
MEGHALAYA



SUMMARY

Name of the State	:	Meghalaya
Name of the District	:	East Khasi Hills District
Name of the C&RD Block	:	Shella Bholaganj & Mawsynram
Name of the Villages	:	Umsaw, Mawbang, Tyllap, Tharia, Majai, Domskong, Mawkaphan, Kenbah, Syntein, Kynbah Mynsaw & Jympiat
Name of the Project	:	East Khasi Hills – IWMP – XII
Total Geographical Area	:	3388 Ha
Total Treatment Area	:	2000 Ha
Total Project Cost	:	300 lakhs
Project Duration	:	5 Years
Project Implementing Agency	:	Soil & Water Conservation Territorial Division, Shillong.

TABLE OF CONTENTS

CHAPTER 1.....	5
INTRODUCTION AND BACKGROUND.....	6
CHAPTER II.....	8
BASIC INFORMATION OF THE PROJECT AREA.....	9
CHAPTER III.....	18
PROJECT PLANNING & INSTITUTION BUILDING	19
CHAPTER IV.....	24
PROJECT ACTIVITIES.....	25
CHAPTER V.....	32
PROJECT PHASING & BUDGETING.....	33
CHAPTER VI	52
CAPACITY BUILDING	53
CHAPTER VII.....	56
EXPECTED OUTCOME.....	57
ANNEXURE I	65
MAPS	66
ANNEXURE II	81
SOCIO ECONOMIC SURVEY DETAILS.....	82
ANNEXURE III.....	105
COST ESTIMATES.....	106
ANNEXURE IV.....	130
MOA, NOC,REGISTRATION CERTIFICATES, PHOTOS, ETC.....	131

CHAPTER I

INTRODUCTION AND BACKGROUND

CHAPTER I

INTRODUCTION AND BACKGROUND

1.1 Background:

The Sonai - Wah Mawblei & Phudwisdei Micro Watersheds (IWMP-XII) are located in Shella Bholaganj & Mawsynram C&RD Block, East Khasi Hills District of Meghalaya, Consisting of a three micro-watersheds. The total area is 3388 Ha out of which 2000 Ha is to be treated under the Integrated Watershed Management Programme (IWMP) Project XII.

The Project areas are located at a distance of about 90 Km and about 70 Km from Shillong and also the State Capital. A total of ten villages are covered under the project. The following villages are under Shella Bholaganj C&RD Block

1) Umsaw (ii) Mawbang (iii) Tyllap (iv) Tharia (v) Majai

The Following villages are under Mawsynram C&RD Block

(i) Domskong (ii) Mawkaphan (iii) Kenbah Syntein (iv) Kenbah Mynsaw (v) Jympiat

1.2 Micro-watershed Information:

The micro-watershed code is 3C1B5b3e for Sonai Watershed and 3C1B5b3f for Wah Mawblei and 3C1B4a4j for Phudwisdei Watershed as codified by the North East Space Application Centre (NESAC).

1.3 Need and Scope for Watershed Development:

The three Micro Watersheds fall under the High Priority category as per the prioritization of watersheds by the North East Space Application Centre (NESAC). Located on the slopes of the deep gorges of the Mawsynram Plateau the 2 villages do not have any road connectivity. The farmers are all marginal and 176 households are below the poverty line, which is 22.9% of the total households. Jhum cultivation is practiced by most of the inhabitants of these villages on the slopes.

Even though the area receives ample rainfall during the monsoons, there is 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
- ii. Border Area Development Programme (BADP)
- iii. Indira Awas Yojana (IAY)

CHAPTER II

BASIC INFORMATION OF THE PROJECT AREA

CHAPTER II

BASIC INFORMATION OF THE PROJECT AREA

2.1 Location:

The Project area is located within the area of Shella Bholaganj C&RD Block of Sohra Civil Sub-Division & Mawsynram C & RD Block of East Khasi Hills District. It is situated at a distance of about 90 km from Shillong the District Headquarter which is also the State Capital. The geographical location of Sonai – Wah Mawblei Watershed is between E 91°41.30' to 91°45.00' Longitude and N 25°09.30' to 25°12.00' Latitude and for Phudwisdei watershed is E 91°33.00' to 91°35.30' and N 25°17.00' to 25°20.00' Latitude and N. There are 10 villages under two Micro Watersheds which are as follows –

SONAI WAH MAWBLEI WATERSHED

1) Umsaw (ii) Mawbang (iii) Tyllap (iv) Tharia (v) Majai

PHUDWISDEI WATERSHED

(i) Domskong (ii) Mawkaphan (iii) Kenbah Syntein (iv) Kenbah Mynsaw (v) Jympiat

At present two villages are not yet connected to any motorable road, Kenbah Syntein and Kenbah Mynsaw.

2.2 Physiography:

The physiography of the micro-watershed is highly undulating. The altitude ranges from a minimum of 300m to a high of 1300m above mean sea level. In the lower reaches (valley lands) the slope ranges from 25% to 35%, however, in the middle and upper reaches it is greater than 45 %, and can reach up to 180%.

Table 2.1: Physiographic details

Elevation (Meter)	Slope Range (%)	Order of watershed Sub/Micro-watershed	Major streams	Topography
50 m to 500 m	8% to 80%	Micro Watershed	Sonai – Wah Mawblei	Undulating
500 m to 1300 m	35% to 180%	Micro Watershed	Phudwisdei	Very steep

2.3 Drainage: The major streams draining the micro-watershed is the Sonai – Wah Mawblei and Phudwisdei flowing in a north-south direction. The slopes of the micro-watershed are dissected by numerous small tributaries flowing to these three streams.

2.4 Soil: Soil Texture is coarse on the sloping lands. 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	East Khasi Hills	East Khasi Hills – IWMP XII	Water erosion:				
				a	Sheet	2000	2500-4000	10.5 to 32.5
				b	Rill		2500-4000	
				c	Gully		2500-4000	
				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 11451mm due to proximity with Cherapunjee and Mawsynram .

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	3388 Ha	East Khasi Hills	East Khasi Hills – IWMP – XII	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	3388 Ha	11451 mm	Betel nut	190
									Betel leaf	180
									Oranges	90
									Bay leaf	110
									Broom stick	290
									Black pepper	4
									Tapioca	190
									Banana	80
									Pineapple	15
								Total		1309 Ha

2.6 Agriculture: Agriculture is the primary occupation of the people of the area. The people mostly practice jhum. The jhum plots vary from 0.5 to 1.0 Ha, and are cultivated for 3-4 years. The principal agricultural crops grown of the jhum fields are millet, maize, yam and vegetables. Fruit crops are well suited in the lower reaches which include Lemon, orange, pineapple, jackfruit and litchi. The slopes of the Sonai - Wahmawblei & Phudwisdei are also very suitable for betel nut, betel leaf, black pepper, broomstick, 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.)
Yam	30	15	450
Tapioca	190	40	7600
Betel nut	190	9	1710
Betel leaf	180	5	900
Black Pepper	4	6	24
Oranges	90	32	2880
Bay Leaf	110	27	2970
Paddy	120	16	1920
Pine Apple	15	13	195
Banana	80	35	2800
Broom Stick	290	65	18850
Millet	40	6	240

2.7 Natural Vegetation: The tree species common to the watershed area includes – *Terminalia*, *Quercus* spp. *Castanopsis* spp. *Toona ciliata*, *Albizia* spp. *Aporosa* spp. *Bahunia variegata* *Duabanga* spp and *bamboo*. However, due to jhum cultivation and Timber extraction the forest cover of the area has reduced considerably.

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 road communication, primitive way of agricultural practices like jhumming and the difficult terrain of the area.

Demographic Status: The total households of both the watersheds in the watershed project is 770 with a total population of 4466, of which 2345 are male and 2121 are female. The detail of the household in each of the villages in the watershed project is as follows:

MICRO - WATERSHED

SONAI WAH MAWBLEI WATERSHED

1) Umsaw	50
(ii) Mawbang	91
(iii) Tyllap	59
(iv) Tharia	25
(v) Majai	66

291

PHUDWISDEI WATERSHED

(i) Domskong	64
(ii) Mawkaphan	82
(iii) Kenbah Syntein	119
(iv) Kenbah Mynsaw	186
(v) Jympiat	28

479

Infrastructure facilities :

2.1.1 *Roads:* Many villages within the Project Area are connected by road. The Project area depends entirely on the Sohra & Mawsynram road connected to the villages.

2.1.2 *School:* there are only 10 L.P Schools and 3 U.P Schools within the Project Area run either by the Mission or by the Government.

2.1.3 *Electricity :* Connections have been provided to all the Ten villages.

2.1.4 *Health :* There are two Health Centre at Sohra & Mawsynram which are nearest to the Villages.

2.1.4.1 *Water Supply* : Drinking Water supply have been provided by the PHE Deptt but not upto the mark. However, during lean season the entire population have to depend on springs available in the area as the supply is not sufficient to meet the daily requirement.

2.1.5 *Market* : There are weekly markets held once in a week at Shella and Mawsynram. However, the main market where the people sell their produces is at Shillong.

Table 2.5: Infrastructure Status.

1	2	3		4			
Name of District	Name of Project	Parameters:		Status			
East Khasi Hills	East Khasi Hills – IWMP XII	(i)	No. of villages connected to the main road by an all-weather road.	8 villages connected by road motorable and 2 villges have to travelled half and hour to reach to the road junction			
		(ii)	No. of village provided with electricity	All villages are electrified			
		(iii)	No. of households without access to drinking water	Nil			
		(iv)	No. of educational institutions: Primary (P)/ Secondary (S)/ Higher Secondary (HS)/ Vocational institution (VI)	(P)	(S)	(HS)	(VI)
				10 Nos.	-	-	-
		(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	6 Nos			
		(xiv)	Any other facilities with no. of villages (please specify)	Nil			

2.9 Livestock: there are only 3 kinds of livestock farming being farmed in the area viz. Piggery, Poultry and Bee-Keeping or Apiculture.

Table 2.6: Existing livestock population

Type of Animal	Population
Piggery	254
Poultry	2240
Apiculture in unit	65
Total	2559

2.10 Land ownership: There are primarily two types of land holding system, namely private lands (Ri Kynti i.e. individually owned land) and community lands (Ri Kur i.e. clan land and Ri Raid i.e. village community land).

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
East Khasi Hills	East Khasi Hills – IWMP VI	(i) Large	-	-			
		(ii) Small	110	-	-	195 Ha	195 Ha
		(iii) Marginal	359	35	-	712 Ha	712 Ha
		(iv) Landless	301	141	-	-	-
		Sub - Total	770	176		907 Ha	907 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)
East Khasi Hills	East Khasi Hills – IWMP VI	(i) Wasteland/ degraded land		-		273		-	-	273 Ha
		(ii) Pastures	-	-	-	-	-	-	-	-
		(iii) Private Agriculture land	907 Ha	-	-	-	907 Ha			
		(iv) Village woodlot	-	-	-	-				
		(v) Forest	1220	-	-	814 Ha				820 ha
		(vi) Village Ponds/ Tanks	-	-	-	-				
		(vii) Community Buildings	-	-	-	-				
		(viii) Weekly Markets	-	-	-	Mawsynram & Shella				
		(ix) Permanent Markets	-	-	-	Mawsynram /Sohra				
		(x) Temples/ Places of worship	-	-	-	Church- 8 nos				
		(xi) Others (Pl. specify)								
		(a) Built up	103	-	-					
		(b) Streams				71				
		Total	2230 Ha	-	-	1158 ha	907Ha	-	-	1093 Ha-

2.11 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.

Area Discription

	Sonai-Wahmawblei	Phudwisdei
a) Built-up Area	= 28 ha	75 ha
b) Water bodies-River/Stream-Perennial	= 29ha	42 ha
c) Agricultural land – crop land	= 165 ha	-
d) Tree clad Area-close	= 1153 ha	881 ha
e) Tree clad Area-open	= 254 ha	488 ha
f) Wastelands	= 51 ha	214 ha
g) Sandy Riverine	= 8 ha	-
Total	1688 Ha	1700 Ha

2.12 Problems of the Area: The primary problem of the area is jhumming. Majority of the population depends on Jhum Cultivation for their livelihood. Vast tracks of abandoned Jhum areas are converted to Broomstick cultivation areas which has further degraded the capability of the land. Mention may also be made here that the land use categorized as Tree-clad Area-open in the land used land cover map generated using Satellite Images of 2005 – 2006 are actually Broom-stick cultivation areas. 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 pineapple, 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 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 Watershed.

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, and 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 GIS Lab State Level Nodal Agency, Soil & Water Conservation Department, Meghalaya 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	3
	Whether technical back-stopping for the project has been arranged? If yes, mention the name of the Institute.	Yes, NESAC, Nongsder
	Baseline survey	Yes
	Hydro-geological survey	No
	Contour mapping	Yes
	Participatory Net Planning (PNP)	Yes

1	2	2
	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	No
	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	Yes
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	Yes
	Any other (please specify)	-

3.2 Project Implementing Agency:

The PIA is the Soil & Water Conservation Territorial Division, Shillong, East Khasi Hills 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	
East Khasi Hills	East Khasi Hills – IWMP XII	(i) Type of organization#	Government
		(ii) Name of organization	Soil & Water Conservation (T) Division, Shillong
		(iii) Designation & Address	Divisional Soil & Water Conservation Officer, Polo, Shillong
		(iv) Telephone	0364 – 2591085
		(v) Fax	Do
		(vi) E-mail	shg(T) Divn@yahoo.com

3.3 Institution Building

i) Watershed Committee (WC)

Three Watersheds Committees had been formed Sonai, Wah Mawblei & Phudwisdei, IWMP XII 2011 - 2012 with the active involvement of the villagers with strong support of the Traditional Institutions (Village Durbar/Council). The three Watersheds Committees have 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#
East Khasi Hills District	East Khasi Hills District – IWMP – XII	1. Sonai 2. Wahmawblei 3. Phudwisdei		Chairman	3M	-	ST							2		Cl – X & B.A	A to I
				Secretary	3 M	-	ST								1	XII & B.A	A to I
				Member	10 M	-	ST				6	6	4	6		Cl – VI to B.A	Do
				Member	6 F	-	ST					3	2				Do
				Member													

- | | |
|---|---|
| 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 and the landless. 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. In some villages Meghalaya Rural Development Society (MRDS) had initiated and adopted the villages to form Self Help Group (SHGs).

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 both	Total	Categories	M	F	Total	M	F	Total	M	F	Total
East Khasi Hills	EKH. IWMP XII	-	6 nos		6 Nos	(i) Landless									
						(ii) SF									
						(iii) MF	-	12	12		12	12	NA	NA	NA
						(iv) LF									

ii) 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	Both	Total	Categories	M	F	Total	M	F	Total	M	F	Total
						(i) Landless									
						(ii) SF									
						(iii) MF									
						(iv) LF									
Total		Nil	Nil	Nil	Nil				Nil			Nil			Nil

CHAPTER IV

PROJECT ACTIVITIES

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
East Khasi Hills – IWMP XII	12.00 Lakhs	Construction of Water Harvesting Structures (10 Nos)	Wah Mawblei Watershed (91°41.30' to 91°45.00' Longitude and 25°09.30' to 25°12.00' Latitude) Phudwisdei watershed (91°33.00' to 91°35.30' and 25°17.00' to 25°20.00' Latitude)

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 agreements
3 nos W/C and 10 nos sub watershed Committee at each benefiting village	12 nos.	8 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											
Name of Project s	Type of structures	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
	(i) Check Dam	-	-	-	-	-	-	-	56 nos	393 ha	5280 m ³	37.14	56 nos	393 ha	5280 m ³	37.14
	(ii) Water harvesting	-	-	-	-	-	-	-	95 nos	297 ha	13500 m ³	29.64	95 nos	297 ha	13500 m ³	29.64
	(iii) Drinking Well	-	-	-	6 nos	-	24m ³	12.00	-	-	-	-	6 nos	-	24 ³	12.00
Total		-	-	-	6 nos	-	24m³	12.00	151 Nos	690 Ha	18780 m³	66.78	157 Nos	690 Ha	18780 m³	78.78

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

1	2		3	4							
Names of project	Type of structures		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
EKH IWMP XII	(i)Open wells		Nil		Nil			Nil		Nil	
	(ii)Bore wells										
	(iii)Any others (Pl. specify)										
	Total for the project										

4.2.3 Activities executed by User Groups in the Project Areas.

User Groups will be formed accordingly for operation and maintenance of community assets created under the project, like community drinking water source, . The capacity of the user groups will be built through awareness and training programmes. User fees will be charged accordingly and fixed by the User Groups as per the requirement for maintenance of the assets created.

4.2.4 Activities related to livelihoods by Self Help Groups (SHGs) in the project areas:

Awareness programmes will be conducted to sensitize the people on various aspects of SHGs. Training programmes shall be from time to time to further build the capacity of the SHGs. Besides, skill development training shall also be conducted for promoting income generation of the SHGs such as Piggery, handicrafts, poultry, integrated farming system, fruit processing etc.

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 others (Off Farm services)		Total Estimated Cost
	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	-	-	(a)	(b)	
IWMP XII	880 ha	63.00	1060 ha	93.00	-	-	60 Ha	12.00	660 units	16.50			40 units	12.00	8 nos	2.00			224 Nos	26.5	

4.2.6 Details of engineering structures in watershed works:

1	2	3			4			5						
Project	Name of structures	Type of treatment			Type of land			Target						
		(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 (₹ in lakh)				Expected month & year of completion (mm/yyyy)	
									M	W	O	T		
	Staggered trenching													
	Loose boulder Contour bund	R	-	-	P	-	-	180Ha						March 2016
	Half moon terrace	R	-	-	P	-	-	60 ha						March 2016
	Water harvesting		D		P	-	-	95 nos						March 2016
	Checks dams		D		P	-	--	56 nos						March 2016
	Protection wall		D		P			114nos						March 2016
	Any others (pl. specify)													March 2016

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

1	2	3			4			5			
Project	Name of structure/ work	Type of treatment			Type of land			Target			
		(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 (₹ in lakh)	Expected month & year of completion (mm/yyyy)
EKH IWMP XII	Afforestation					✓		220 Ha		22.22	March 2016
	Regeneration					✓		280 ha		10.08	March 2016
	Agro-Horticulture				✓			200 ha		17.20	March 2016
											March 2016

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	2	3			4	
Project	Name of activity@	Type of land			Target	
		(i) Private	(ii) Community	(iii) Others (landless)	Estimated cost (Rs. in lakh)	Expected month & year of completion (mm/yyyy)
East Khasi Hills IWMP XII 1) Sonai 2) Wah Mawblei 3) Phudwisdei	Tailoring @50 units	✓			4.00	March 2016
	Carpentry/ Agri-implements/ Basket making etc. @ 130 units	✓		✓	6.50	March 2016
	Piggery Farming @40 units			✓	2.40	March 2016
	Fruits Processing @20 units	✓			10.00	March 2016
	Kitchen gardening @660 units	✓			16.58	March 2016
	Hollow block making @21 units			✓	6.00	March 2016
	Canes & handicrafts.	✓				March 2016
	Pisciculture@ 8 Units	✓			2.00	March 2016

* 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. in lakhs)	Expected no. of beneficiaries	Estimated contribution to WDF (Rs. in lakhs)
EKH IWMPXII	Umsaw	Drinking Well	Maintainance		0.515		
	Mawbang				0.938		
	Tyllap				0.608		
	Tharia				0.259		
	Majai				0.680		
	Domskong				0.400		
	Mawkaphan				0.514		
	Kenbah				0.745		
	Kenmynsaw				1.165		
	Jympiat				0.177		
Total					6.00		

CHAPTER V
PROJECT PHASING & BUDGETING

CHAPTER V

PROJECT PHASING & BUDGETING

ACTION PLAN OF IWMP PROJECT XII (SONAI & WAHMAWBLEI WATERSHED UNDER SHELLA-BHOLAGANJ CRD BLOCK)

Name of District: East Khasi Hills
Name of C&RD Block: Shella Bholaganj

No. of villages – 5Nos.
Project Area – 1000 Ha.

Sl. No	Activities	I st Year		II nd Year		III rd Year		IV th Year		V th 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
I	MANAGEMENT COST:												
A.	Administrative cost:			2%	3.00	5%	7.50	3%	4.50			10%	15.0
i.	Honourarium of WDT Members @ ₹5000/ month – 1 no.			12 Months	0.6	12 months	0.6	12 months	0.6	-		3 yrs	1.8
ii.	Hon ^{rm} of Watershed Volunteers @ ₹2500/- month – 2 nos.			12 Months	0.6	12 months	0.6	12 months	0.6	-		3 yrs	1.8
iii.	Hon ^{rm} WCO's @ ₹750/ month.			12 Months	0.09	12 months	0.09	12 months	0.09	-		3 yrs	0.27
iv.	Hon ^{rm} WCM @ ₹100/members/ month for 25 nos.			12 Months	0.30	12 months	0.3	12 months	0.3	-		3 yrs	0.9
v	Hon ^{rm} Office assistance @ ₹3000/- month.			12 Months	0.36	12 months	0.36	12 months	0.36	-		3 yrs	1.08
vi	Hon ^{rm} Chartered Accountant			12 Months	0.15	12 months	0.15	12 months	0.15	-		3 yrs	0.45
vii	TA/DA of Field Asstt. @ ₹5000/ month			6 months	0.30	12 months	0.6	12 months	0.6	-		2.5 yrs	1.50
viii	Hiring charges of office building @ ₹1000			-	-	12 months	0.12	12 months	0.12	-		2 yrs	0.24
ix.	Hiring charges of vehicle @ ₹5000/ month			6 months	0.30	12 months	0.60	12 months	0.60	-		2.5 yrs	1.5
x	Office expenses, POL, Stationeries, printing of SHG's books, pamphlets, tea, snacks etc, cost of camera.			-	0.30	-	4.08	-	1.08	-		-	5.46
	Total of A:			2.00%	3.00	5.00%	7.50	3.00%	4.5	0.00%	0	10.00%	15

	PREPARATORY PHASE:												
B.	Entry Point Activities:	4%	6.00	-	-	-	-	-	-	-	-	4%	6.00
i.	Construction of check dam/Water harvesting	4 Units	6.00	-	-	-	-	-	-	-	-	4 Units	6.00
	Total of B:	4 %	6.0							-	-	4%	6.00
C.	Training:	1%	1.50	2%	3.00	1%	1.50	1%	1.50	-	-	5%	7.50
i.	Awareness Campaign & Capacity building	2 nos	0.6	-	-	-	-	-	-	-	-	2 nos	0.6
ii.	Exposure visits – off. Campus			2 nos	0.6	-	-	1 no.	0.3	-	-	3 nos	0.9
iii.	Capacity building of SHG's/ UG's.	2 nos.	0.3	2 nos.	1.0	4 nos.	1.0	2 nos.	0.6	-	-	9 nos.	2.9
iv.	Capacity building of WC Members.	2 nos.	0.3	4 nos.	0.75	2 nos.	0.25	2 nos.	0.3	-	-	10 nos.	1.6
v.	Capacity of WDT/WV	2 nos.	0.3	4 nos.	0.65	2 nos.	0.25	2 nos.	0.3	-	-	10nos.	1.5
	Total of C:	1%	1.5	2.00%	3.00	1.00%	1.50	1%	1.50	-	-	5%	7.50
D.	Detailed Project Report:	1 %	1.50	-	-	-	-	-	-	-	-	1 %	1.50
i.	Cost of Resources Inventories works	-	0.25	-	-	-	-	-	-	-	-	-	0.25
ii.	Cost of PRA Exercises	-	0.50	-	-	-	-	-	-	-	-	-	0.50
iii.	Cost of Land use Survey works	-	0.25	-	-	-	-	-	-	-	-	-	0.25
iv.	Cost of formulating	-	0.50	-	-	-	-	-	-	-	-	-	0.50
	Total of D:	1 %	1.50	-	-	-	-	-	-	-	-	1 %	1.50
E.	Monitoring & Evaluation:												
i.	Cost of Honorarium to evaluator.			0.20%	0.3	0.50%	0.75	0.3%	0.45			1%	1.50
ii.	Cost of printing report etc.	-	-	0.30%	0.45	0.50%	0.75	0.20%	0.3	-	-	1%	1.50
	Total of E:			0.50%	0.75	1%	1.50	0.50%	0.75	-	-	2.00%	3.00
	Total of I (A to E)	6.00%	9.00	4.50%	6.75	7.00%	10.50	4.50%	6.75			22.00%	33.00
II	PROJECT COST:	-	-			-	-	-	-	-	-	-	-
A.	Arable Land Treatment:	-	-	-	-	-	-	-	-	-	-	-	-
i.	Bench Terrace @ □ 20,000/Ha	-		22.75 ha	4.55	17.25 Ha	3.45	-	-	-	-	40 ha	8.00
ii.	Contour Bunds @ □ 7500/Ha	-	-	40 ha	3.00	40 Ha	3.00	-	-	-	-	80 Ha	6.00
iii.	Peripheral bunding @ □ 26/ RM	-	-	-	-	-	-	-	-	-	-	-	-
	Total of A:				7.55		6.45		-				14.00
B.	Non- Arable Land Treatment:												
i.	Afforestation			100 ha	1.70	100 ha (M)	5.50	100 ha(M)	2.90	-	-	100 ha	10.10
i	Agro- Horticulture @ □ 8600/Ha	-	-	100 ha	1.30	100ha (M)	4.60	100 ha(M)	2.70	-	-	100 ha	8.60
ii	Improvement of existing Degraded Forest @ □ 3600/ ha for 200 ha	-	-	100 Ha	0.70	100 ha	1.90	100 Ha	1.00	-	-	100Ha	3.60
	Total of B:	-	-		3.70		12.00		6.60				22.30

C	Drainage Line Treatment:	-	-										
i.	Water Harvesting Structures as per estimate for 170 ha	-	-			56 nos	17.16		-			56 nos	17.16
ii.	Check Dam for Water Distribution Works @ ₹32,000 benefited area: 120 Ha	-	-			22 nos	15.02					22 nos	15.02
iii.	Protection Wall @ ₹22,830 Benefited area:220 ha	-	-			21 Nos	4.87	35 Nos	10.65			56Nos	15.52
	Total of C :	-	-		-	-	37.05	-	10.65	-		-	47.70
	Total of A + B + C	-	-	7.5%	11.25	37%	55.50	11.50%	17.25	-	-	56%	84.00
D	Livelihood Activities for landless persons:												
i.	Tailoring @ ₹8,000/-	-	-	-	-	-	-	24 Units	1.92			24 Units	1.92
ii.	Carpentry/ Agri- Implements/ Basket Making etc @ ₹5000/-	-	-	-	-	40 Units	2.00					40 Units	2.00
iii.	Apiculture @ ₹8000/unit	-	-	-	-	-	-	-	-	-	-	-	-
iv.	Kitchen Gardening with Compost Pit @ ₹2500/unit	-	-	60 Units	1.50	100 Units	2.50	224 Units	5.58	-	-	384 Units	9.58
	Total of D:			1 %	1.50	3 %	4.50	5 %	7.50			9%	13.50
E.	Production System and Micro Enterprises (SHG's):												
i.	Piggery Farming @ ₹30,000/Unit	-	-	5	1.50	15	4.50	-	-			20 Units	6.00
ii	Poultry Farming @ ₹30,000/ unit	-	-				-	-	-	-	-	-	-
iii	Food Processing including Materials, Equipments,Shed,etc @ ₹30,000/ unit	-	-	-	-	-	-	16 Units	4.80			16 Units	4.80
iv	Floriculture @ ₹30,000/ unit	-	-	-	-	-	-	-	-	-	-	-	-
v	Stabilized Mud Block Making/Shop Keeping/Foos Stalls @ ₹30,000/ unit	-	-					7 Units	2.10			7 units	2.10
vi	Pisciculture @ ₹30,000	-	-	-	-	-	-	7 Units	2.10	-	-	7 units	2.10
	Total of E :	-	-	1 %	1.50	3%	4.50	6%	9.00	-	-	10%	15.00
	Total of II (A +B+C+D+E)			9.5%	14.25	43%	64.50	22.50%	33.75	-	-	75%	112.50

F.	Consolidation & Exit Phase:	-	-	-	-	-	-	-	-	-	-	-	-
i.	Repairs, Maintenance of CPR's.	-	-	-	-	-	-	-	-	2%	3.00	2%	3.00
ii.	Improving the sustainability of various Interventions	-	-	-	-	-	-	-	-	-	-	-	-
iii.	Documentation of successful experiences & Preparation of Completion Report	-	-	-	-	-	-	-	-	1%	1.50	1%	1.50
	Total of F:	-	-	-	-	-	-	-	-	3%	4.50	3%	4.50
	Total of II (A+B+C+D+E+F)			9.5%	14.25	43%	64.50	22.50%	33.75	3%	4.50	78%	117.00
	Grand Total (I + II)	6%	9.00	14%	21.00	50%	75.00	27%	40.50	3%	4.50	100%	150.00

ACTION PLAN OF IWMP PROJECT XII (PHUD WISDEI WATERSHED UNDER MAWSYNRAM C&RD BLOCK)

Name of District: East Khasi Hills
Name of C&RD Block: Mawsynram

No. of villages – 5 Nos.
Project Area – 1000 Ha.

Sl. No	Activities	I st Year		II nd Year		III rd Year		IV th Year		V th 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
I	MANAGEMENT COST:												
A.	Administrative cost:			2%	3.00	5%	7.5	3%	4.50	-	-	10%	15.0
i.	Honourarium of WDT Members @ ₹.5000/ month – 1 no.			12 Months	0.6	12 months	0.6	12 months	0.6	-		3 yrs	1.8
ii.	Hon ^{rm} of Watershed Volunteers @ ₹. 2500/- month – 2 nos.			12 Months	0.6	12 months	0.6	12 months	0.6	-		3 yrs	1.8
iii.	Hon ^{rm} WCO's @ ₹. 750/ month.			12 Months	0.09	12 months	0.09	12 months	0.09	-		3 yrs	0.27
iv.	Hon ^{rm} WCM @ ₹ 100/members/ month for 25 nos.			12 Months	0.30	12 months	0.3	12 months	0.3	-		3 yrs	0.9
v	Hon ^{rm} Office assistance @ ₹3000/- month.			12 Months	0.36	12 months	0.36	12 months	0.36	-		3 yrs	1.08
vi	Hon ^{rm} Chartered Accountant			12 Months	0.15	12 months	0.15	12 months	0.15	-		3 yrs	0.45
vii	TA/DA of Field Asstt. @ ₹5000/ month			6 months	0.3	12 months	0.6	12 months	0.6	-		2.5 yrs	1.5
viii	Hiring charges of office building @ ₹1000			-	-	12 months	0.12	12 months	0.12	-		2 yrs	0.24
ix.	Hiring charges of vehicle @ ₹5000/ month			6 months	0.3	12 months	0.6	12 months	0.6	-		2.5 yrs	1.5
x	Office expenses, POL, Stationeries, printing of SHG's books, pamphlets, tea, snacks etc, cost of camera.			-	0.3	-	4.08	-	1.08	-		-	5.46
	Total of A:			2.00%	3.00	5.00%	7.50	3.00%	4.50	0.00%	0	10.00%	15.00
	PREPARATORY PHASE:												

B.	Entry Point Activities:	4%	6.00	-	-	-	-	-	-	-	-	4%	6.00
i.	Construction of check dam/Water harvesting	4 Units	6.00	-	-	-	-	-	-	-	-	4 Units	6.00
	Total of B:	4 %	6.0							-	-	4%	6.00
C.	Training:	1%	1.5	2%	3.00	1%	1.5	1%	1.5	-	-	5%	7.5
i.	Awareness Campaign & Capacity building	2 nos	0.6	-	-	-	-	-	-	-	-	2 nos	0.6
ii.	Exposure visits – off. Campus			2 nos	0.6	-	-	1 no.	0.3	-	-	3 nos	0.9
iii.	Capacity building of SHG's/ UG's.	2 nos.	0.3	2 nos.	1.0	4 nos.	1.0	2 nos.	0.6	-	-	9 nos.	2.9
iv.	Capacity building of WC Members.	2 nos.	0.3	4 nos.	0.75	2 nos.	0.25	2 nos.	0.3	-	-	10 nos.	1.6
v.	Capacity of WDT/WV	2 nos.	0.3	4 nos.	0.65	2 nos.	0.25	2 nos.	0.3	-	-	10nos.	1.5
	Total of C:	1%	1.5	2.00%	3.00	1.00%	1.5	1%	1.5	-	-	5%	7.5
D.	Detailed Project Report:	1 %	1.50	-	-	-	-	-	-	-	-	1 %	1.50
i.	Cost of Resources Inventories works	-	0.25	-	-	-	-	-	-	-	-	-	0.25
ii.	Cost of PRA Exercises	-	0.50	-	-	-	-	-	-	-	-	-	0.50
iii.	Cost of Land use Survey works	-	0.25	-	-	-	-	-	-	-	-	-	0.25
iv.	Cost of formulating	-	0.50	-	-	-	-	-	-	-	-	-	0.50
	Total of D:	1 %	1.50	-	-	-	-	-	-	-	-	1 %	1.50
E.	Monitoring & Evaluation:												
i.	Cost of Honorarium to evaluator.			0.20%	0.3	0.50%	0.75	0.3%	0.45			1%	1.50
ii.	Cost of printing report etc.	-	-	0.30%	0.45	0.50%	0.75	0.20%	0.3	-	-	1%	1.50
	Total of E:			0.50%	0.75	1.00%	1.5	0.50%	0.75	-	-	2.00%	3.00
	Total of I (A to E)	6.00%	9	4.50%	6.75	7.00%	10.50	4.50%	6.75			22.00 %	33.00
II	PROJECT COST:	-	-			-	-	-	-	-	-	-	-
A.	Arable Land Treatment:	-	-	-	-	-	-	-	-	-	-	-	-
i.	Bench Terrace @ □20,000/Ha	-		-	-	20 Ha	4.00	-	-	-	-	20 Ha	4.00
ii.	Contour Bunds @ □.7500/Ha	-	-	88.70 ha	6.65	11.30 Ha	0.85	-	-	-	-	100Ha	7.50
iii.	Peripheral bunding @□.26/ RM	-	-	-	-	-	-	-	-	-	-	-	-
	Total of A:				6.65		4.85		-				11.50

B.	Non- Arable Land Treatment:												
i.	Afforestation			120 ha	2.04	120 ha	6.60	120 Ha	3.48	-	-	120 Ha	12.12
i	Agro- Horticulture @ ₹.8600/Ha	-	-	100 ha	1.30	100ha (M)	4.60	100 ha(M)	2.70	-	-	100 ha	8.60
ii	Improvement of existing Degraded Forest @ ₹.3600/ ha for 200 ha	-	-	180 Ha	1.26	180 Ha	3.42	180 Ha	1.80	-	-	180 Ha	6.48
	Total of B:	-	-		4.6		14.62		7.98				27.20
C	Drainage Line Treatment:	-	-										
i.	Water Harvesting Structures as per estimate for 127 ha	-	-			40 nos	12.48	-	-	-	-	40 Nos	12.48
ii.	Check Dam for Water Distribution Works @₹.32,000 benefited area: 273 Ha	-	-			20 nos	13.12	14 Nos	9.00			34 Nos	22.12
iii.	Protection Wall @₹.22,830 Benefited area:150 ha	-	-			46 Nos	10.43	1 No	0.27	-	-	47 Nos	10.70
	Total of C :	-	-		-	-	36.03		9.27				45.30
	Total of A + B + C	-	-	7.5%	11.25	37%	55.50	11.55%	17.75	-	-	56%	84.00
D	Livelihood Activities for landless persons:												
i.	Tailoring @ ₹. 8,000/-	-	-	-	-	-	-	24 Units	1.92			24 Units	1.92
ii.	Carpentry/ Agri- Implements/ Basket Making etc @ ₹.5000/-	-	-	30 Units	1.50	30 Units	1.50	30 Units	1.50			90 Units	4.50
iii.	Apiculture @₹8000/unit	-	-	-	-	-	-	-	-	-	-	-	-
iv.	Kitchen Gardening with Compost Pit @ ₹.2500/ unit	-	-	-	-	120 Units	3.00	160 Units	4.00	-	-	280 Units	7.00
	Total of D:			1 %	1.50	3 %	4.50	5 %	7.50			9%	13.50
E.	Production System and Micro Enterprises (SHG's):												
i.	Piggery Farming @ ₹.30,000/Unit	-	-	5	1.50	15	4.50	-	-			20 Units	6.00
ii	Poultry Farming @ ₹.30,000/ unit	-	-				-	-	-	-	-	-	-
iii	Food Processing including Materials, Equipments,Shed,etc @ ₹30,000/ unit	-	-	-	-	-	-	16 units	4.80			16 units	4.80
iv	Floriculture @ ₹30,000/ unit	-	-	-	-	-	-	-	-	-	-	-	-
v	Stabilized Mud Block Making/Shop Keeping/Foos Stalls @₹.30,000/ unit	-	-					14 Units	4.20			14 Units	4.20
vi	Pisciculture @ ₹.30,000	-	-	-	-	-	-	-	-	-	-	-	-
	Total of E :	-	-	1 %	1.50	3%	4.50	6%	9.00	-	-	10%	15.00
	Total of II (A +B+C+D+E)			9.5%	14.25	43%	64.50	22.5%	33.75	-	-	75%	112.5

F.	Consolidation & Exit Phase:	-	-	-	-	-	-	-	-	-	-	-	-
i.	Repairs, Maintenance of CPR's.	-	-	-	-	-	-	-	-	2%	3.00	2%	3.00
ii.	Improving the sustainability of various Interventions	-	-	-	-	-	-	-	-	-	-	-	-
iii.	Documentation of successful experiences & Preparation of Completion Report	-	-	-	-	-	-	-	-	1%	1.50	1%	1.50
	Total of F:	-	-	-	-	-	-	-	-	3%	4.50	3%	4.50
	Total of II (A+B+C+D+E+F)			9.5%	14.25	43%	64.50	22.5%	33.75	3%	4.50	78%	117.00
	Grand Total (I + II)	6%	9.00	14%	21.00	50%	75.00	27%	40.50	3%	4.50	100%	150.00

**ABSTRACT ACTION PLAN OF IWMP PROJECT XII (SONAI , WAHMAWBLEI & PHUD WISDEI WATERSHED UNDER IWMP
PROJECT XII MICRO WATERSHEDS 2011-12)**

Name of District: East Khasi Hills
Name of C&RD Block: Shella Bholaganj & Mawsynram

No. of villages – 10 Nos.
Project Area – 2000 Ha.

Sl. No	Activities	I st Year		II nd Year		III rd Year		IV th Year		V th 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
I	MANAGEMENT COST:												
A.	Administrative cost:			2%	6.00	5%	15.00	3%	9.00	-	-	10%	30.00
i.	Honourarium of WDT Members @ ₹ 5000/ month – 2 nos.	-	-	12 Months	1.20	12 months	1.20	12	1.20	-	-	3 yrs	3.60
ii.	Hon ^{rm} of Watershed Volunteers @ ₹ 2500/- month – 4 nos.	-	-	12 Months	1.20	12 months	1.20	12 months	1.20	-	-	3 yrs	3.60
iii.	Hon ^{rm} WCO's @ ₹ 750/ month.	-	-	12 Months	0.18	12 months	0.18	12 months	0.18	-	-	3 yrs	0.54
iv.	Hon ^{rm} WCM @ ₹ 100/members/ month for 50 nos.	-	-	12 Months	0.60	12 months	0.60	12 months	0.60	-	-	3 yrs	1.80
v	Hon ^{rm} Office assistance @ ₹. 3000/- month.	-	-	12 Months	0.72	12 months	0.72	12 months	0.72	-	-	3 yrs	2.16
vi	Hon ^{rm} Chartered Accountant	-	-	12 Months	0.30	12 months	0.30	12 months	0.30	-	-	3 yrs	0.90
vii	TA/DA of Field Asstt. @ ₹ 5000/ month	-	-	6 months	0.60	12 months	1.20	12 months	1.20	-	-	2.5 yrs	3.00
viii	Hiring charges of office building @ ₹1000	-	-	-	-	12 months	0.24	12 months	0.24	-	-	2 yrs	0.48
ix.	Hiring charges of vehicle @ ₹ 5000/ month	-	-	6 months	0.60	12 months	1.20	12 months	1.20	-	-	2.5 yrs	3.00
x	Office expenses, POL, Stationeries, printing of SHG's books, pamphlets, tea, snacks etc, cost of camera.	-	-	-	0.60	-	8.16	-	2.16	-	-	-	10.92
	Total of A:	-	-	2.00%	6.00	5.00%	15.00	3.00%	9.00	0.00%	-	10.00 %	30.00

	PREPARATORY PHASE:												
B.	Entry Point Activities:	4%	12.00	-	-	-	-	-	-	-	-	4%	12.00
i.	Construction of check dam/Water harvesting	10 Units	12.00	-	-	-	-	-	-	-	-	10 units	12.00
	Total of B:	4 %	12.0	-	-	-	-	-	-	-	-	4%	12.00
C.	Training:	1%	3.00	2%	6.00	1%	3.00	1%	3.00	-	-	5%	15.00
i.	Awareness Campaign & Capacity building	4 nos	1.20	-	-	-	-	-	-	-	-	4 nos	1.20
ii.	Exposure visits – off. Campus	-	-	4 nos	1.20	-	-	2 no.	0.6	-	-	6 nos	1.80
iii.	Capacity building of SHG's/ UG's.	4 nos.	0.60	4 nos	2.00	8 nos	2.00	4 nos	1.20	-	-	18 nos	5.80
iv.	Capacity building of WC Members.	4 nos.	0.60	8 nis	1.50	4 nos	0.50	4 nos	0.60	-	-	20 nos	3.20
v.	Capacity of WDT/WV	4 nos.	0.60	8 nos	1.30	4 nos	0.50	4 nos	0.60	-	-	20 nos	3.00
	Total of C:	1%	3.00	2.00%	6.00	1.00%	3.00	1%	3.00	-	-	5%	15.00
D.	Detailed Project Report:	1 %	3.00		-	-	-	-	-	-	-	1 %	3.00
i.	Cost of Resources Inventories works	-	0.50	-	-	-	-	-	-	-	-	-	0.50
ii.	Cost of PRA Exercises	-	1.00	-	-	-	-	-	-	-	-	-	1.00
iii.	Cost of Land use Survey works	-	0.50	-	-	-	-	-	-	-	-	-	0.50
iv.	Cost of formulating	-	1.00	-	-	-	-	-	-	-	-	-	1.00
	Total of D:	1 %	3.00	-	-	-	-	-	-	-	-	1 %	3.00
E.	Monitoring & Evaluation:	-	-	0.50%	1.50	1.00%	3.00	0.50%	1.50	-	-	2.00%	6.00
i.	Cost of Honorarium to evaluator.	-	-	0.20%	0.60	0.50%	1.50	0.30%	0.90	-	-	1%	3.00
ii.	Cost of printing report etc.	-	-	0.30%	0.90	0.50%	1.50	0.20%	0.60	-	-	1%	3.00
	Total of E:	-	-	0.50%	1.50	1.00%	3.00	0.50%	1.50	-	-	2.00%	6.00
	Total of I (A to E)	6.00%	18.00	4.50%	13.50	7.00%	21.00	4.50%	13.50			22.00 %	66.00
II	PROJECT COST:	-	-	-	-	-	-	-	-	-	-	-	-
A.	Arable Land Treatment:	-	-	-	-	-	-	-	-	-	-	-	-
i.	Bench Terrace @ □.20,000/Ha	-		22.75 Ha	4.55	37.25 Ha	7,45	-	-	-	-	60 Ha	12.00
ii.	Contour Bunds @ □7500/Ha	-	-	128.70 ha	9.65	51.30 Ha	3.85	-	-	-	-	180 Ha	13.50
iii.	Peripheral bunding @□26/ RM	-	-	-	-	-	-	-	-	-	-	-	-
	Total of A:	-	-	-	14.20	-	11.30	-	-	-	-	-	25.50
B.	Non- Arable Land Treatment:												
i.	Afforestation	-	-	220 ha	3.74	220 ha	12.10	220 ha	6.38	-	-	220 Ha	22..22
i	Agro- Horticulture @□8600/Ha	-	-	200 ha	2.60	200ha (M)	9.20	200 ha(M)	5.40	-	-	200 ha	17.20
ii	Improvement of existing Degraded Forest @ □3600/ ha for 280 ha	-	-	280 Ha	1.96	280 Ha	5.32	280 Ha	2.80	-	-	280 Ha	10.08
	Total of B:	-	-		8.30		26.62		14.58				49.50

C	Drainage Line Treatment:												
i.	Water Harvesting Structures as per estimate for 293 ha	-	-	-	-	95 nos	29.64	-	-	-	-	95 nos	29.64
ii.	Check Dam for Water Distribution Works as per estimate (393 Ha)	-	-	-	-	42 nos	28.14	14 nos.	9.00	-	-	56 nos	37.14
iii.	Protection Wall as per estimate (370 ha)	-	-	-	-	67Nos	15.30	47 nos	10.92	-	-	114nos	26.22
	Total of C :	-	-	-	-		73.08		19.92				93.00
	Total of A + B + C	-	-	7.5%	22.50	37%	111.00	11.50%	34.50	-	-	56%	168.00
D	Livelihood Activities for landless persons:												
i.	Tailoring @ ₹8,000/-	-	-	-	-	-	-	49 Units	3.92	-	-	49 units	3.92
ii.	Carpentry/ Agri- Implements/ Basket Making etc @ ₹5000/-	-	-	30 Units	1.50	70 Units	3.50	30 Units	1.50	-	-	130 Units	6.50
iii.	Apiculture @ ₹.8000/unit	-	-	-	-	-	-	-	-	-	-	-	-
iv.	Kitchen Gardening with Compost Pit @ ₹ 2500/ unit	-	-	60 units	1..50	220 units	5.50	384 units	9.58	-	-	664 units	16.58
	Total of D:	-	-	1 %	3.00	3 %	9.00	5 %	15.00	-	-	9%	27.00
E.	Production System and Micro Enterprises (SHG's):												
i.	Piggery Farming @ ₹ 30,000/Unit	-	-	10 units	3.00	30 units	9.00	-	-	-	-	40 units	12.00
ii	Poultry Farming @ ₹ 30,000/ unit	-	-	-	-	-	-	-	-	-	-	-	-
iii	Food Processing including Materials, Equipments,Shed,etc @ ₹ 30,000/ unit	-	-	-	-	-	-	32 Units	9.60			32 units	9.60
iv	Floriculture @ ₹ 30,000/ unit	-	-	-	-	-	-	-	-	-	-	-	-
v	Stabilized Mud Block Making/Shop Keeping/Foos Stalls @ ₹ 30,,000/ unit	-	-	-	-	-	-	21Units	6.30	-	-	21 units	6.30
vi	Pisciculture @ ₹.30,000	-	-	-	-	-	-	7 units	2.10	-	-	7 units	2.10
	Total of E :	-	-	1 %	3.00	3%	9.00	6%	18.00	-	-	10%	30.00
	Total of II (A +B+C+D+E)			9.5%	28.50	43%	129.00	22.50%	67.50			75%	225.00
F.	Consolidation & Exit Phase:	-	-	-	-	-	-	-	-	-	-	-	-
i.	Repairs, Maintenance of CPR's.	-	-	-	-	-	-	-	-	2%	6.00	2%	6.00
ii.	Improving the sustainability of various Interventions	-	-	-	-	-	-	-	-	-	-	-	-
iii.	Documentation of successful experiences & Preparation of Completion Report	-	-	-	-	-	-	-	-	1%	3.00	1%	3.00
	Total of F:	-	-	-	-	-	-	-	-	3%	9.00	3%	9.00
	Total of II (A+B+C+D+E+F)			9.50 %	28.50	43%	129.00	22.50%	67.50	3%	9.00	78%	234.00
	Grand Total (I + II)	6%	18.00	14%	42.00	50%	150.00	27%	81.00	3%	9.00	100%	300.00

ABSTRACT OF PERSPECTIVE PLAN FOR CONVERGENCE OF NREGS WITH IWMP 2011-12
UNDER PHUDWISDEI & SONAI WAH MAWBLEI WATERSHED PROJECT XII

Name of Watershed	Phudwisdei Watershed	Sonai Wah Mawblei Watershed
Name of Village	Domskong, Mawkaphan, Jympiat, Kenbah, Kenmynsaw	Tyllap, Umsawmaskon, Mawbang, Majai, Tharia
Name of C&RD Block	Mawsynram C&RD Block	Shella Bholaganj C&RD Block
Name of District	East Khasi Hills	East Khasi Hills

Sl No	Activities	Units	Project Period								Total	
			2012-13		2013-14		2014-15		2015-16			
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1.	Phudwisdei Watershed											
	i) Water Harvesting @ Rs 2,50,000	5			5nos	5,00,000					5nos	5,00,000
	ii) Check Dam @ Rs 2,50,000	5			5nos	5,00,000					5nos	5,00,000
2.	Sonai Wah Mawblei Watershed											
	i) Water Harvesting @ Rs 2,50,000	5			5nos	3,00,000					5nos	3,00,000
	ii) Check Dam @ Rs 2,50,000	5			5nos	3,00,000					5nos	3,00,000
	TOTAL	20			20 nos	16,00000					20 nos	16,00000

VILLAGE WISE BREAK UP BUDGET PLANNING OF SONAI MICRO WATERSHED UNDER IWMP – XII – 2011 – 2012.

NAME OF DISTRICT - EAST KHASI HILLS

NO. OF VILLAGES - 5 NOS

NAME OF C&RD BLOCK - SHELLA BHOLAGANJ

PROJECT AREA - 500 HA

Sl No	Items of Activities	Umsaw		Mawbang		Tyllap		Total	
		Phy	Fin			Phy	Fin	Phy	Fin
	1	2	3			4	5	12	13
A.	Arable Land Treatment								
i.	Bench Terracing	6 Ha	1.20	6 Ha	1.20	8 Ha	1.60	20 Ha	4.00
ii.	Contour Bunds	12 Ha	0.90	12 Ha	0.90	16 Ha	1.20	40 Ha	3.00
	Total of A :		2.10		2.10		2.80		7.00
B.	Non – Arable Land Treatment								
i.	Afforestation	15 Ha	1.515	15 Ha	1.515	20 Ha	2.020	50 Ha	5.05
ii.	Agro-Horticulture	15 Ha	1.290	15 Ha	1.290	20 Ha	1.720	50 Ha	4.30
iii.	Improvement of Degraded Forests	15 Ha	0.54	15 Ha	0.54	20 Ha	0.720	50 Ha	1.80
	Total of B :		3.345		3.345		4.46		11.15
C.	Drainage Line Treatment								
i.	Water Harvesting	8 Nos	2.574	8 Nos	2.574	12 Nos	3.432	28 Nos	8.58
ii.	Check Dams for Water Distribution Works	3 Nos	2.255	3 Nos	2.255	5 Nos	3.000	11 Nos	7.51
iii.	Protection Walls	8 Nos	2.328	8 Nos	2.328	12 Nos	3.104	28 Nos	7.76
	Total of C :		7.157		7.157		9.536		23.85
D.	Livelihood Activities for Landless Persons								
i.	Tailoring	4 Nos	0.32	4 Nos	0.32	4 Nos	0.32	12 Nos	0.96
ii.	Basket Making	6 Nos	0.30	6 Nos	0.30	8 Nos	0.40	20 Nos	1.00
iii.	Kitchen Gardening	58 Nos	1.45	58 Nos	1.45	76 Nos	1.89	192 Nos	4.79
	Total of D :		2.07		2.07		2.61		6.75
E.	Production System & Micro Enterprises								
i.	Piggery	3 Nos	0.90	3 Nos	0.90	4Nos	1.20	10 Nos	3.00
ii.	Food Processing etc	2 Nos	0.60	3 Nos	0.90	3 Nos	0.90	8 Nos	2.40
iii.	Shop Keeping	1 No	0.30	1 No	0.30	1 Nos	0.30	3 Nos	0.90
iv.	Pisciculture	1 No	0.30	2 Nos	0.60	1 No	0.30	4 Nos	1.20
	Total of E :		2.10		2.70		2.70		7.50
	Grand Total of (A+B+C+D+E) :		16.772		17.372		22.106		56.25

VILLAGE WISE BREAK UP BUDGET PLANNING OF WAH MAWBLEI MICRO WATERSHED UNDER IWMP – XII – 2011 – 2012.

NAME OF DISTRICT - EAST KHASI HILLS

NO. OF VILLAGES - 2 NOS

NAME OF C&RD BLOCK - SHELLA BHOLAGANJ

PROJECT AREA - 500 HA

Sl No	Items of Activities	Tharia		Majai		Total	
		Phy	Fin	Phy	Fin	Phy	Fin
	1	2	3	4	5	12	13
A.	Arable Land Treatment						
i.	Bench Terracing	8 Ha	1.60	12 Ha	2.40	20 Ha	4.00
ii.	Contour Bunds	8Ha	0.60	32 Ha	2.40	40 Ha	3.00
	Total of A :		2.20		4.80		7.00
B.	Non – Arable Land Treatment						
i.	Afforestation	20 Ha	2.02	30 Ha	3.03	50 Ha	5.05
ii.	Agro-Horticulture	20 Ha	1.72	30 Ha	2.58	50 Ha	4.30
iii.	Improvement of Degraded Forests	20 Ha	0.72	30 Ha	1.08	50 Ha	1.80
	Total of B :		4.46		6.69		11.15
C.	Drainage Line Treatment						
i.	Water Harvesting	11 Nos	3.43	17 Nos	5.15	28 Nos	8.58
ii.	Check Dams for Water Distribution Works	4 Nos	3.00	7 Nos	4.51	11 Nos	7.51
iii.	Protection Walls	11 Nos	3.10	17 Nos	4.66	28 Nos	7.76
	Total of C :		9.53		14.32		23.85
D.	Livelihood Activities for Landless Persons						
i.	Tailoring	4 Nos	0.32	8 Nos	0.64	12 Nos	0.96
ii.	Carpentry/Basket Making	8 Nos	0.40	12 Nos	0.60	20 Nos	1.00
iii.	Kitchen Gardening	76Nos	1.92	116 Nos	2.87	192 Nos	4.79
	Total of D :		2.64		4.11		6.75
E.	Production System & Micro Enterprises						
i.	Piggery	4 Nos	1.20	6 Nos	1.80	10 Nos	3.00
ii.	Food Processing etc	3 Nos	0.90	5 Nos	1.50	8 Nos	2.40
iii.	Shop Keeping	1 No	0.30	2 Nos	0.60	3 Nos	0.90
iv.	Pisciculture	2 No	0.60	2 Nos	0.60	4 Nos	1.20
	Total of E :		3.00		4.50		7.50
	Grand Total of (A+B+C+D+E) :		21.83		34.42	75%	56.25

VILLAGE WISE BREAK UP BUDGET PLANNING OF PHUDWISDEI UNDER IWMP – XII – 2011 – 2012.

NAME OF DISTRICT - EAST KHASI HILLS

NO. OF VILLAGES - 5 NOS

NAME OF C&RD BLOCK - MAWSYNRAM

PROJECT AREA - 1000 HA

Sl No	Items of Activities	Domskong		Mawkaphan		Kenbah		Ken Mynsaw		Jympiat		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
A.	Arable Land Treatment												
i.	Bench Terracing	30.00 Ha	0.60	3.5 Ha	0.70	4.50 Ha	0.90	7.5 Ha	1.50	1.5 Ha	0.30	2.0 Ha	4.00
ii.	Contour Bunds	14 Ha	1.05	17 Ha	1.275	25 Ha	1.875	39 Ha	2.925	5 Ha	0.375	100 Ha	7.50
	Total of A :		1.65		1.975		2.775		4.425		0.675		11.50
B.	Non – Arable Land Treatment												
i.	Afforestation	16.20 Ha	1.640	20.50 Ha	2.07	29.80 Ha	3.00	46.50 Ha	4.70	7 Ha	0.71	120 Ha	12.12
ii.	Agro-Horticulture	14 Ha	1.204	17 Ha	1.462	25 Ha	2.150	39 Ha	3.354	5 Ha	0.43	100 Ha	8.60
iii.	Improvement of Degraded Forests	26 Ha	0.936	31 Ha	1.116	44 Ha	1.584	70 Ha	2.52	9 Ha	0.324	180 Ha	6.48
	Total of B :		3.78		4.648		6.734		10.574		1.464		27.20
C.	Drainage Line Treatment												
i.	Water Harvesting	5 Nos	1.56	7 Nos	2.184	10 Nos	3.12	16 Nos	4.992	2 Nos	0.624	40 Nos	12.48
ii.	Check Dams for Water Distribution Works	2 Nos	1.302	6 Nos	3.903	9 Nos	5.855	16 Nos	10.410	1 No	0.650	34 Nos	22.12
iii.	Protection Walls	6 Nos	1.360	8 Nos	1.827	12 Nos	2.730	18 Nos	4.100	3 Nos	0.683	47 Nos	10.70
	Total of C :		4.222		7.914		11.705		19.502		1.957		45.30
D.	Livelihood Activities for Landless Persons												
i.	Tailoring	3 Nos	0.24	4 Nos	0.32	6 Nos	0.48	10 Nos	0.80	2 Nos	0.16	25 Nos	2.00
ii.	Basket Making	12 Nos	0.60	15 Nos	0.75	22 Nos	1.10	35 Nos	1.75	6 Nos	0.30	90 Nos	4.50
iii.	Kitchen Gardening	37 Nos	0.925	48 Nos	1.20	70 Nos	1.75	108 Nos	2.70	17 Nos	0.425	280 Nos	7.00
	Total of D :		1.765		2.27		3.33		5.25		0.885	9%	13.50
E.	Production System & Micro Enterprises												
i.	Piggery	3 Nos	0.90	3 Nos	0.90	5 Nos	1.50	7 Nos	2.10	2 Nos	0.60	20 Nos	6.00
ii.	Food Processing	2 Nos	0.60	3 Nos	0.90	4 Nos	1.20	6 Nos	1.80	1 No	0.30	16 Nos	4.80
iii.	Shop Keeping	2 Nos	0.60	3 Nos	0.90	3 Nos	0.90	5 Nos	1.50	1 No	0.30	14 Nos	4.20
	Total of E :		2.10		2.70		3.60		5.40		1.20	10%	15.00
	Grand Total of (A+B+C+D+E) :		13.517		19.507		28.145		45.151		6.181	75%	112.50

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	Project cost (Rs. In lakh)	Names of Micro watersheds & Code nos.	Treatable Area (ha) (as per LULC)					Area details (ha) (falling within the projects) As per Ownership				
		From	To													
							Cultivate d rainfed area	Cultivated irrigated area	Forest Area	Uncultivated wasteland		Pvt. Agri. Land	Forest land	Comm unity land	Others (pl. specify)	Total area (ha)
										a)Tempor ary fallow	b) Permanent					
EKH IWMP XII	2009- 10	2011- 12	2015 -16	3388 Ha	300 Lakhs	1. Sonai 2. Wah Mawblei 3. Phudwisdei	907 Ha	Nil	820	273	-	907	820	273	-	3388Ha

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 (₹ in Lakhs)	Name of private sector	Financial contribution	Name	Financial contribution	Name	Financial contribution	Name	Financial contribution	
East Khasi Hills – IWMP XII	270 lakhs	30 lakhs	MNREGS	84.72	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	384.72

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.
East Khasi Hills IWMP XII	State Bank of India, Polo Branch	31867826430	Savings		1.Sonai	PNB	Sonai – 30260001000214 90	Saving	Chairman W.C, Secretary W.C, Project Leader
					2.Wah Mawblei	PNB	Wah Mawblei 30260001000214 81		
					3.Phudwis dei				

Details of Convergence of IWMP with other Schemes:

1	2	3	4	5	6	7	8
Sl. No.	District	Names of projects	Names of Departments with Schemes converging with IWMP	Fund made available to IWMP due to convergence (□ 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	East Khasi Hills	East Khasi Hills – IWMP XII	* Community Rural Development Department MNREGS	84.72	Construction of Bench terracing, Water Harvesting works and protection wall	-	Block Level & District Level

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		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	State	SIRD	Nongsder	Director	State Govt.	Capacity Building
2		RRTC	Umran	Director	Don-Bosco	Agri-Horti, Animal Husbandry, Entrepreneurship
3		ICAR	Umiam	Director	Central Govt.	Do
4		VTC	Kyrdem Kulai	Director	State Govt.	Animal Husbandry
5		Fruit Garden	Shillong	Director	State Govt.	Agri-Horti, Fruit Processing

- 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 year 2011– 12 as on 31/03/2012 (dd/mm/yyyy)*

1	2	3	4					5
Project Stakeholders	Type of Training/ Capacity Building	Agency/ Institution to provide Training/ Capacity building	No. of Trainings targeted during each financial Year					Total
			1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	
WDT	Common Guidelines, GPS & GIS, Project Planning, etc	SLNA/WCDC/PIA	4	8	4	4		20
UG	Operation & Maintenance of Assets created	PIA	4	4		4		12
SHG	Foundation course of SHGs, Skill Based Training (Piggery, Poultry, Handicrafts etc.)	SIRD, VTC Kyrdemkulai, RRTC Umran,	4	4	8	4		20
WC	Common Guidelines, Maintenance of records, Project Planning	SIRD PIA	-	8	4	-		12
Community	NRM, Awareness programme, mobilization & sensitization	PIA	4			2		6

Table 6.3: Information, Education & Communication (IEC) activities for the year 2011-12 as on 31/03/12 (dd/mm/yyyy)*

Sl. No.	1	2	3
	Activity	Executing agency	Estimated expenditure (₹)
1.	Awareness	S&WC (T) Division	1.00 lakh
2.	PRA Exercises	S&WC (T) Division	1.00 lakh
3.	Exposure Visits	S&WC (T) Division	-
4.	Capacity Building	S&WC (T) Division	1.00 lakh

CHAPTER VII
EXPECTED OUTCOME

CHAPTER VII

EXPECTED OUTCOME

Table 7.1 Employment related outcomes:

Sl No	Name of Village	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.	Umsaw		100 %	98560	37740	136300		100 %	829	440	1269		100 %	80	40	120
2.	Mawbang		100 %					100 %					100 %			
3.	Tyllap		100 %					100 %					100 %			
4.	Tharia		100 %					100 %					100 %			
5.	Majai		100%					100 %					100 %			
6.	Domskong		100%					100 %					100 %			
7.	Mawkaphan		100%					100 %					100 %			
8.	Kenbah		100%					100 %					100 %			
9	Kenmynsaw		100%					100%					100%			
10	Jympiat		100%					100%					100%			

Table 7.2 Migration Details:

1	2	3	4	5	6	7	8	
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 (□ 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 7.3.1 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	
7 – 9 months	About 12 months	10 – 12 months	Moderately Potable	Potable	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 7.3.2 Water Use efficiency:]

1	2	3			
Name of the project	Name of major crop	Water savings interventions			
		through water saving devices ^{\$}	through water conserving agronomic practices [#]	Any other (pl specify)	Total
EKH-IWMP XII	Betel leaf/ Black Pepper	PVC pipes	Mulching	-	-
	Vegetables	Watering Cans	Mulching	-	-

The over water availability in the project area will improve due to the soil and water conservation measures. Water use efficiency and management will also be better with the active involvement of the people and formation of user groups to maintain the assets created.

Table 7.4: Vegetation/ crop related outcomes:

Table 7.4.1 Details of Kharif crop area and yield in the project areas:

1	2	3						4						5					
Name of Projects	Name of crops	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.
EKH-IWMP-XII	Betel leaf	-	8	-	9	-	200		40		8		320	30	60	9	8	70	480

Table 7.4.2 Details of Rabi crop area and yield in the project areas:

1	2	3						4						5					
Name of Projects	Name of crops	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.
EKH-IWMP-XII	Yam	-	50	-	15	-	750		50		15		750		50		15		750
	Tapioca	-	30	-	40	-	1200		30		40		1200		30		40		1200
	Betel nut	-	100	-	9	-	900		120		9.2		1104		200		9.5		1900
	Betel leaf	-	50	-	9	-	450	20	40	9.4	9	188	360	80	20	10	9.5	800	190
	Black Pepper	-	40	-	6	-	240	20	20	6.4	6.2	128	124	60	40	6.7	6.2	402	248
	Oranges	-	40	-	40	-	160		50		45		2250		60		50		3000
	Bay leaf	-	100	-	20		2000		110		21		2310		120		25		3000
	Paddy	-	120	-	16	-	1920	90	120	16	16	1440	1920						

Irri. – Irrigated Rf – Rainfed

Table 7.4.3 Details of Zaid crop area and yield in the project areas of the Country: State-wise:

1	2	3						4						5					
Name of Projects	Name of crops	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.
EKH-IWMP XII	Betel leaf	-	180	-	5	-	900	20	180	5	5	100	900	80	220	6	6	480	1320

Irri. – Irrigated Rf – Rainfed

Table 7.4.4 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
EKH-IWMP-XII		NA					

Table 7.4.5 Increase/ Decrease in Forest/vegetation cover:

1	2	3			4		
Name of project	Duration of Project	Existing area tree cover (ha)			Expected Outcome Area (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
EKH-IWMP XII	5 yrs	LULC Map	2005-06	2034 Ha	220 Ha	220 Ha	220 Ha

Table 7.4.6 Increase/ Decrease in area under horticulture:

1	2	3			4		
Name of project	Duration of Project	Existing area under horticulture (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
EKH-IWMP XII	5 yrs	LULC	2011 - 2012	360	200 Ha	200 Ha	200 Ha

Table 7.4.6 Increase/ Decrease in area under fuel-wood:

1	2	3	4
Name of	Duration	Existing area under fodder (ha)	Expected Outcome Area (ha)

project	of Project	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
EKH-IWMP XII	5 yrs	LULC	2005-06	742 Ha	200 Ha	200 Ha	200 Ha

Table 7.5 Livelihood related outcomes:

Table 7.5.1 Details of livestock in the project areas (for fluids please mention in litres, for solids please mention in kgs. and income in ₹.):

1	2	3			4			5			6
Name of Projects	Type of Animal	Pre-project			Mid-term			Post-project			Remarks
		No.	Yield	Income	No.	Yield	Income	No.	Yield	Income	
EKH IWMP XII	Piggery	254	-	1.5	374	-	2.5	-	-	-	
	Poultry	2240	-	2.5	2982	-	2.9	-	-	-	
						-					
Total for all projects											

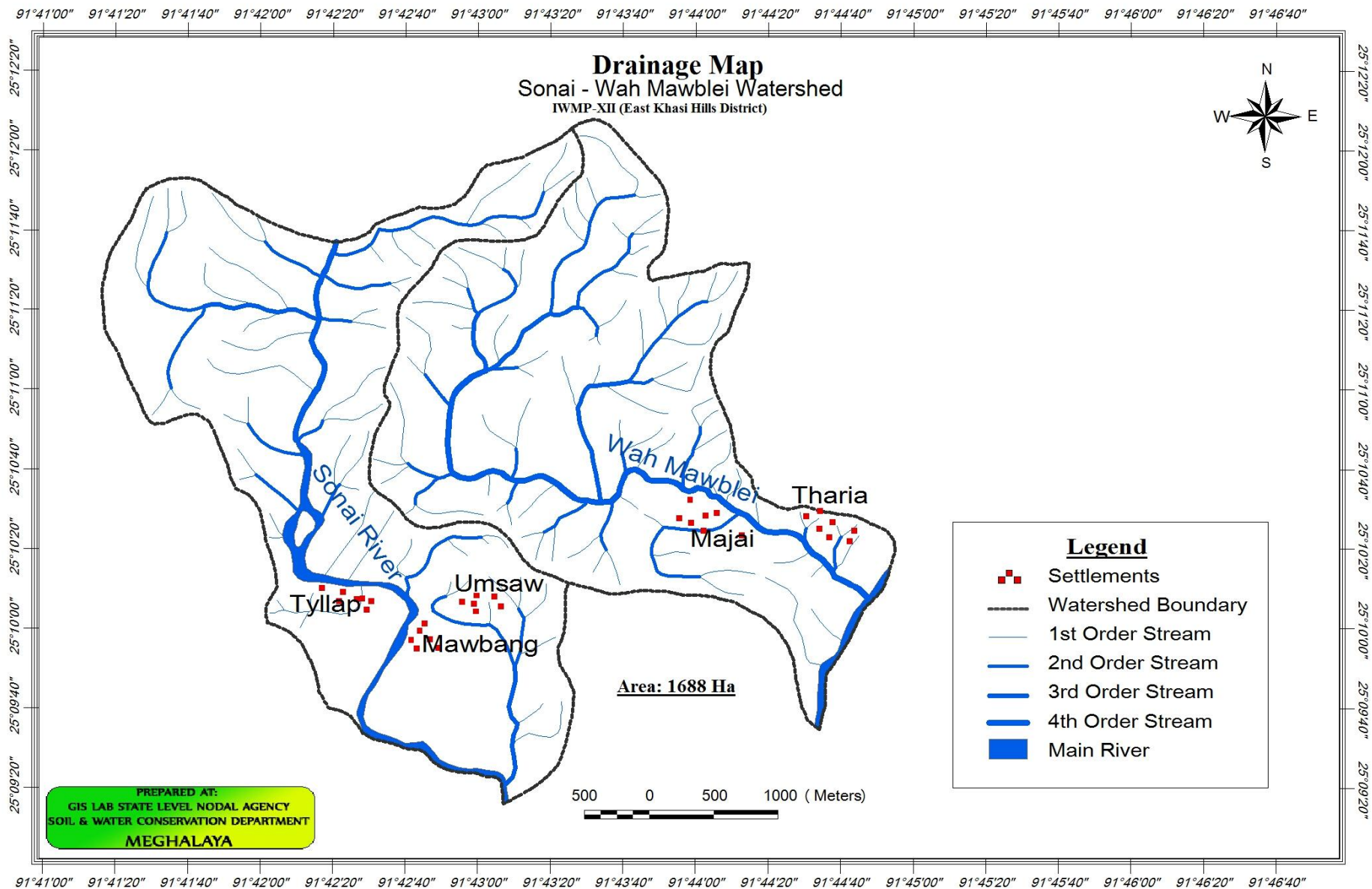
Table 7.6 Cost effectiveness of structures/ activities*

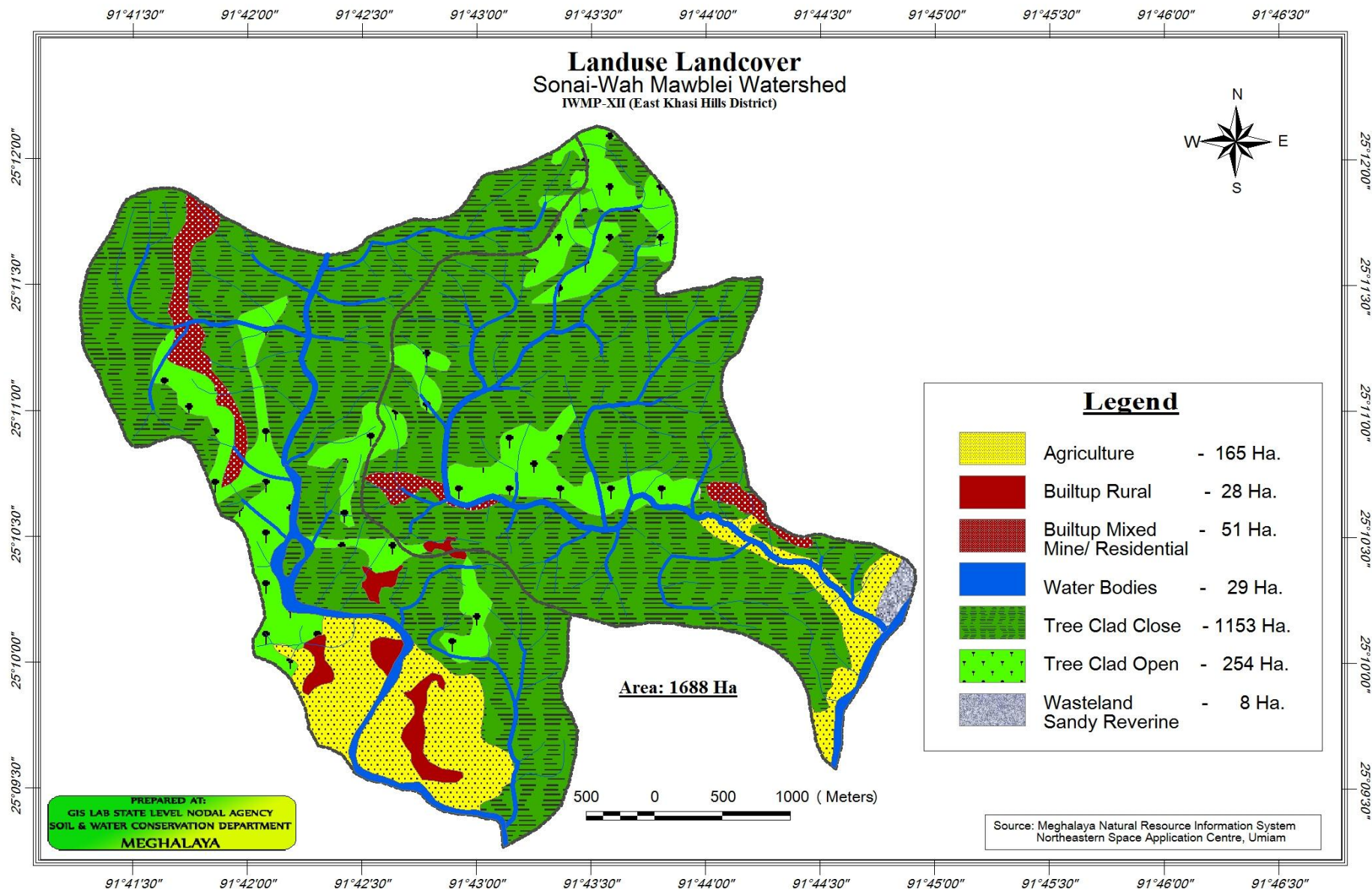
1	2	3	4	5	6	7
District	Name of project	Name of WC	Name of structure/ activity	Estimated cost (₹)	Expected quantifiable benefits (₹)	Benefit: Cost ratio [#]
East Khasi Hills District	EKH-IWMP XII	1. Sonai 2. Wah Mawblei 3. Phudwisdei	As per Treatment Plan	145.5 lakhs	185.5	1.379

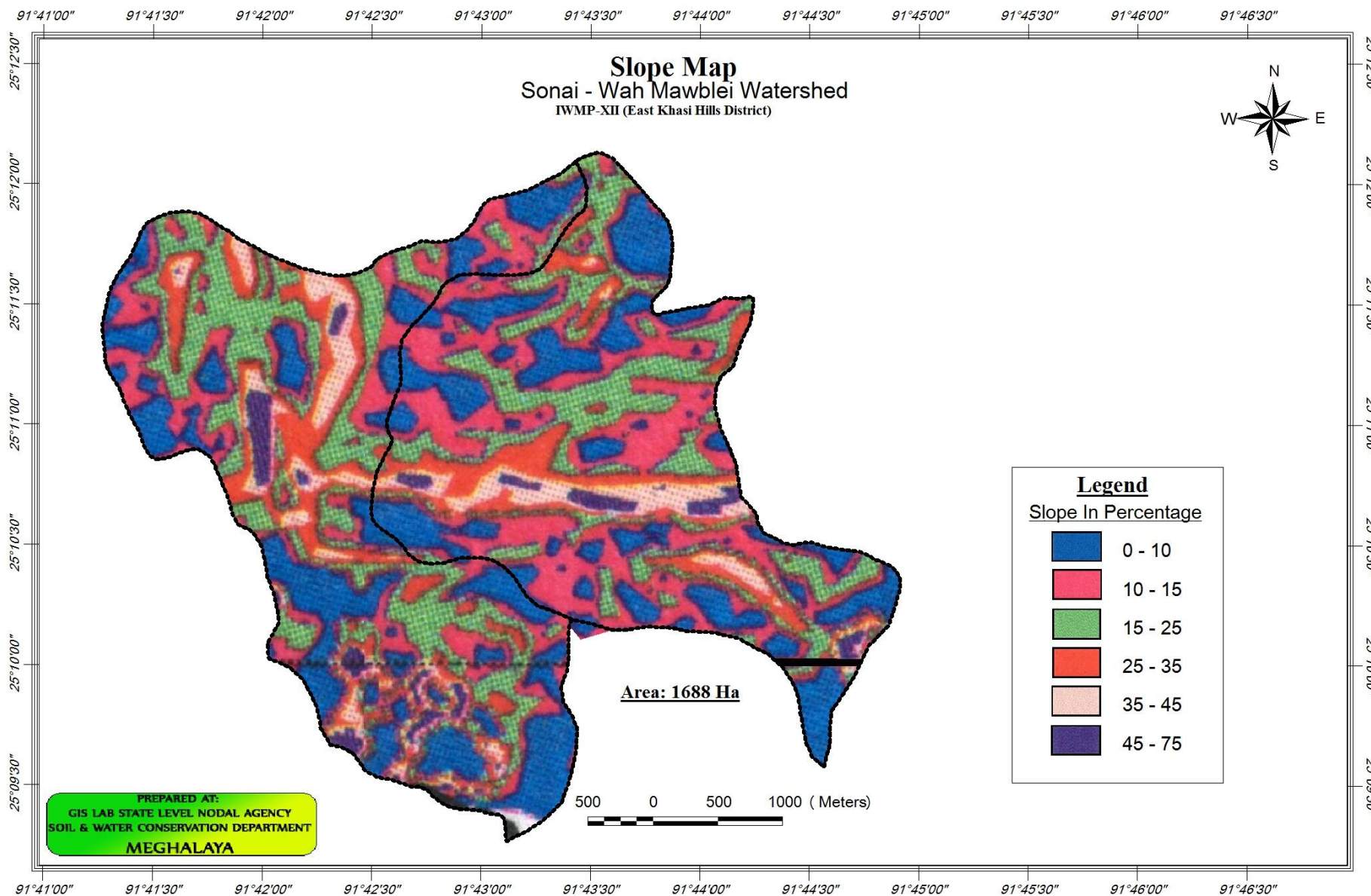
[#] B:C ratio more than 1 – cost effective
less than 1 – Not cost effective

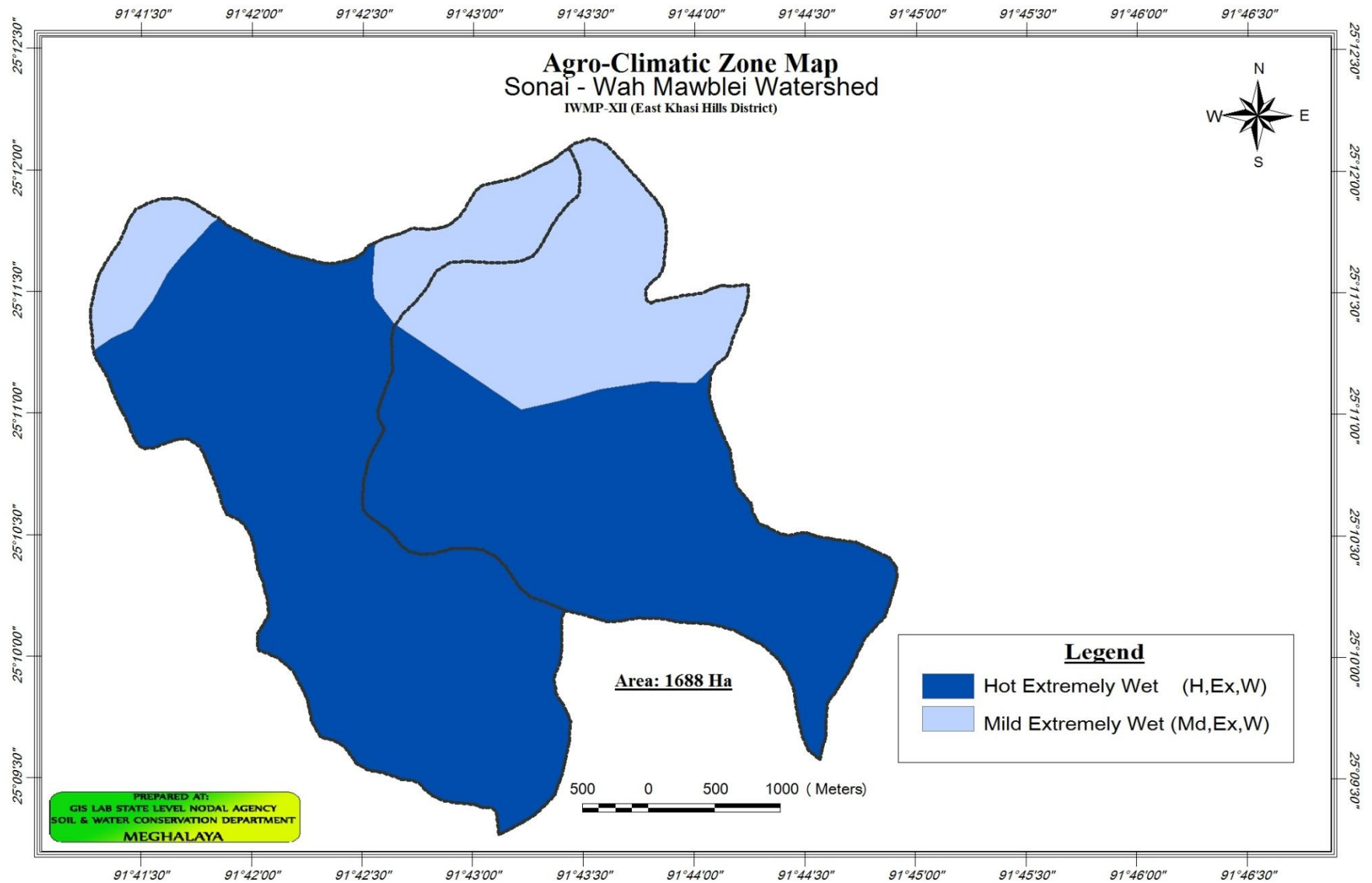
ANNEXURE I

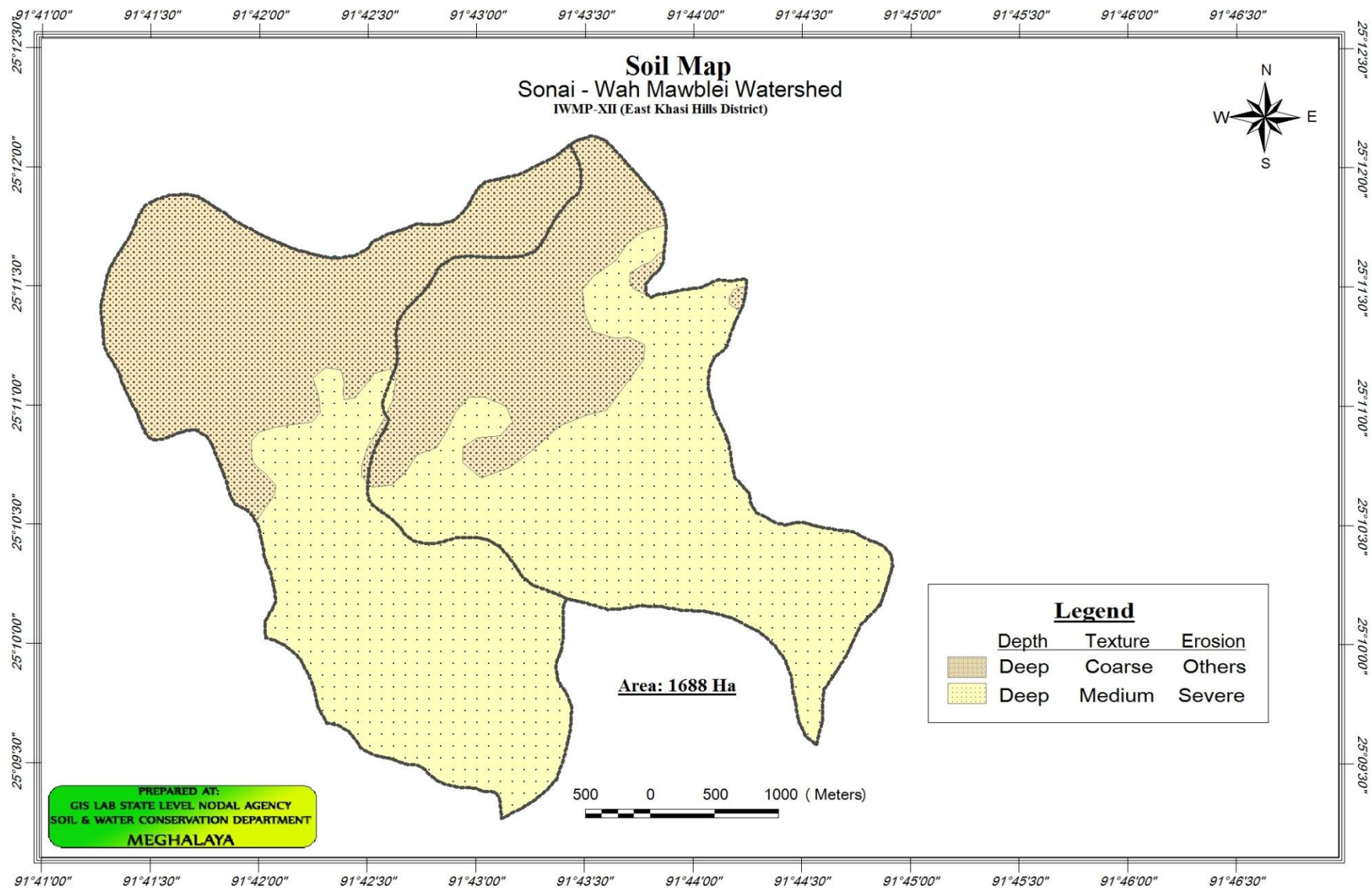
MAPS

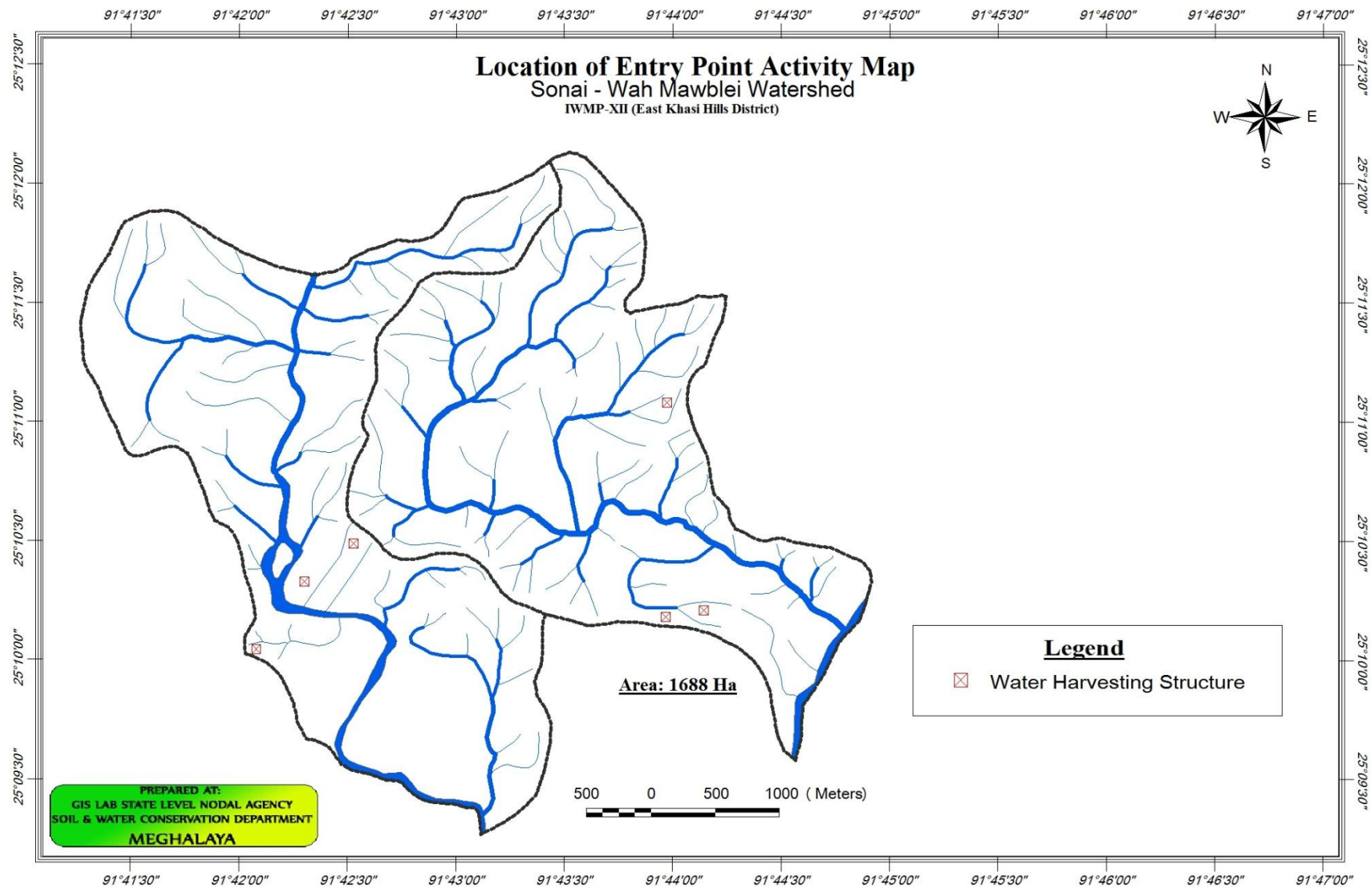


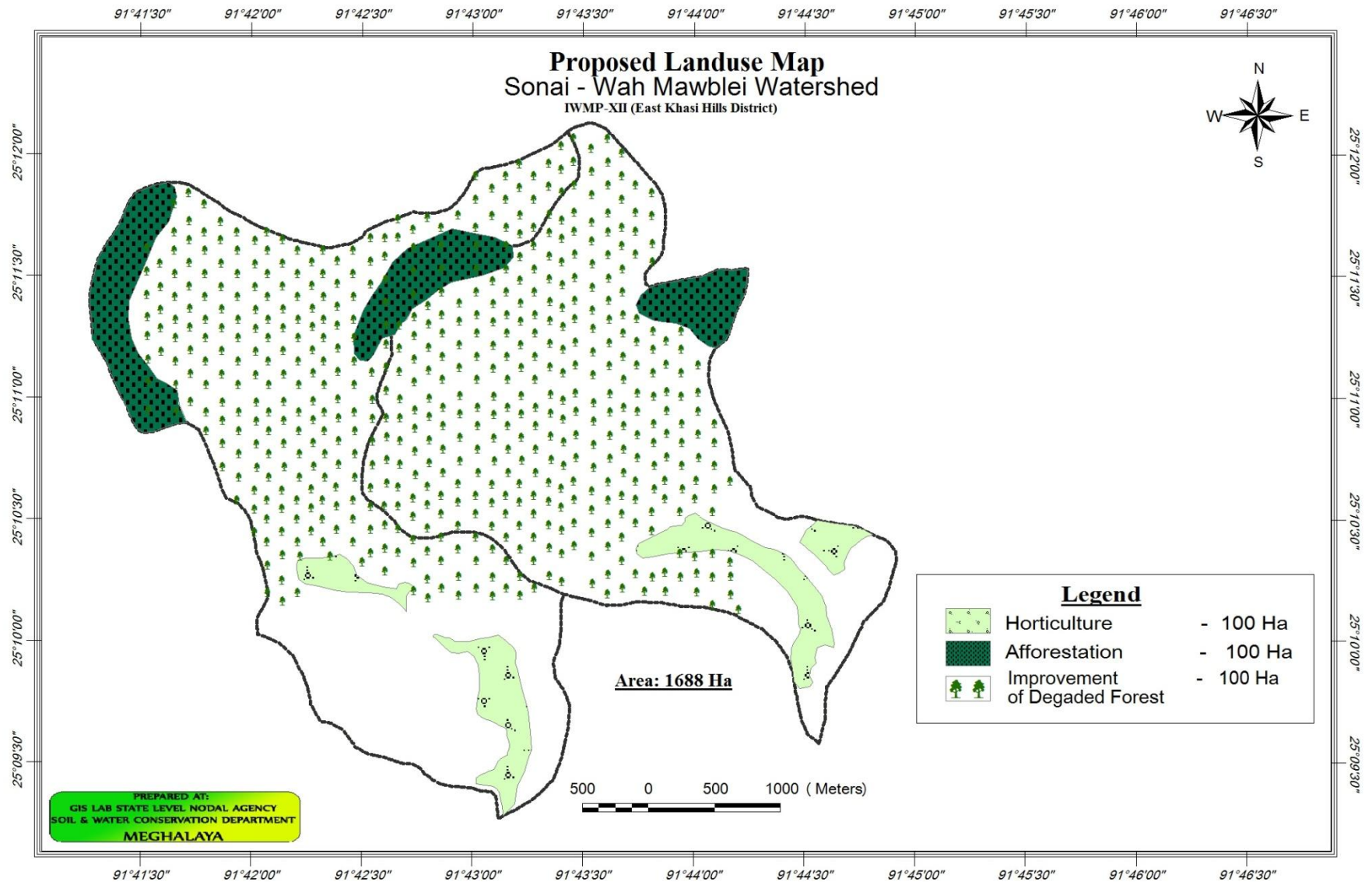


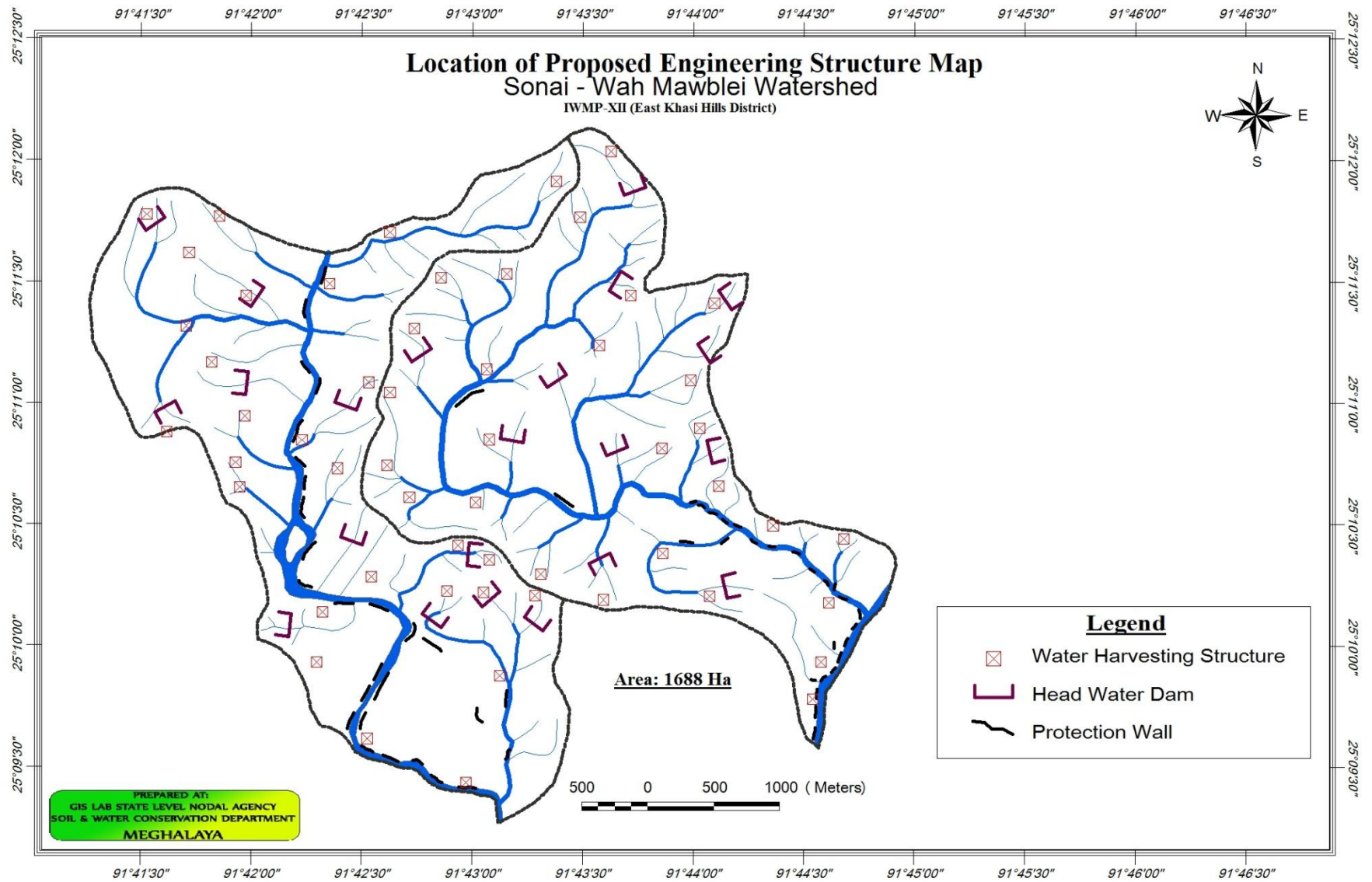


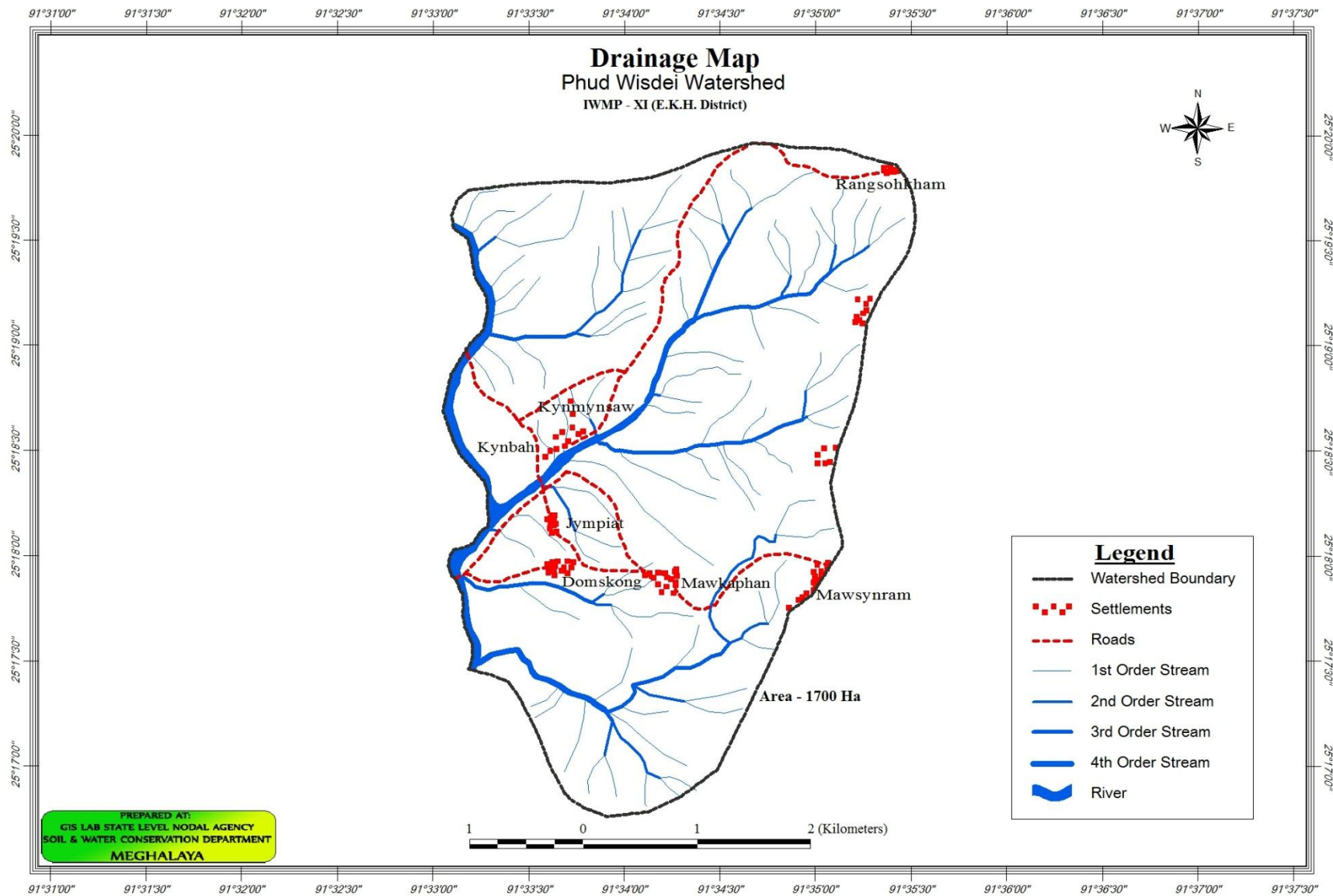


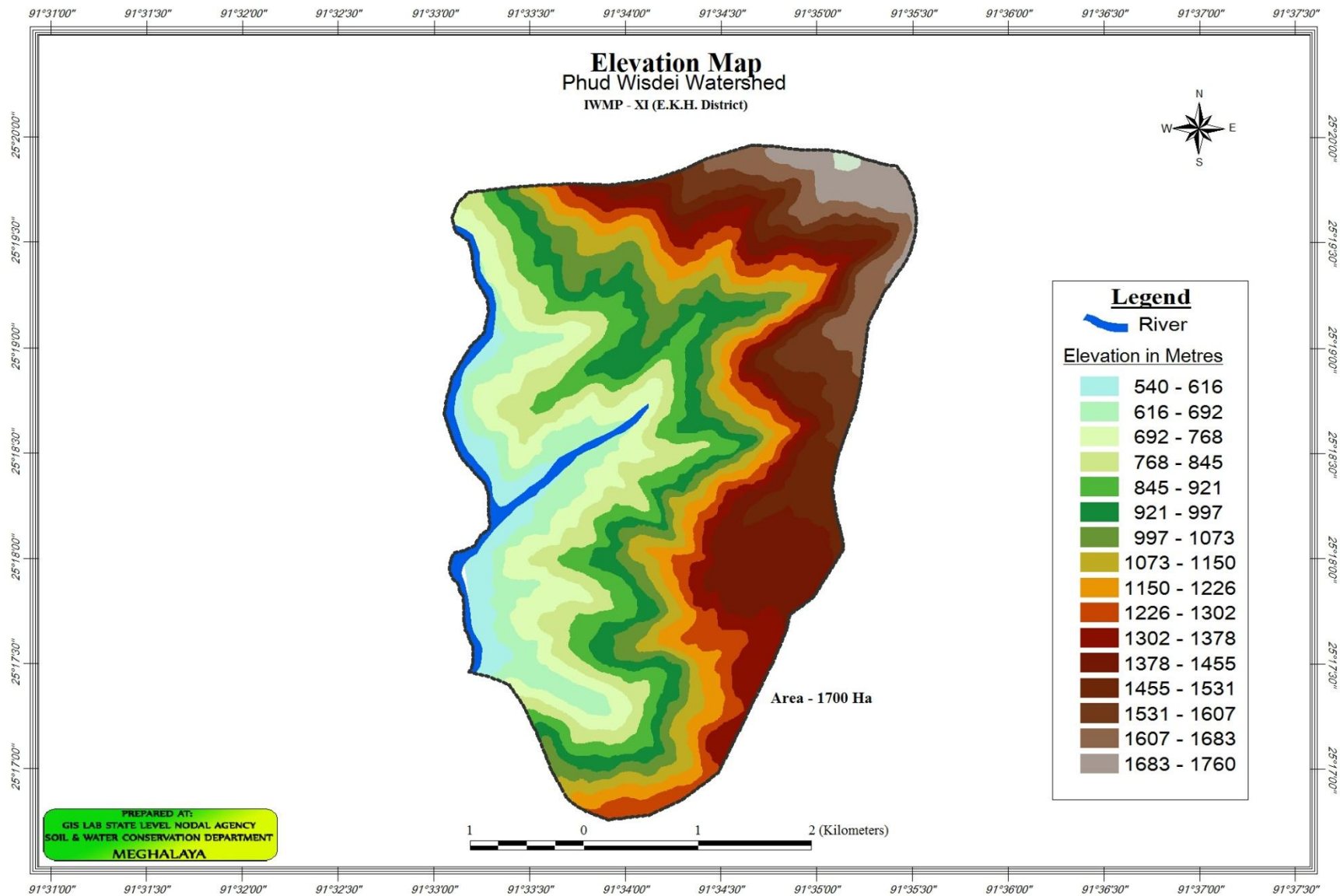


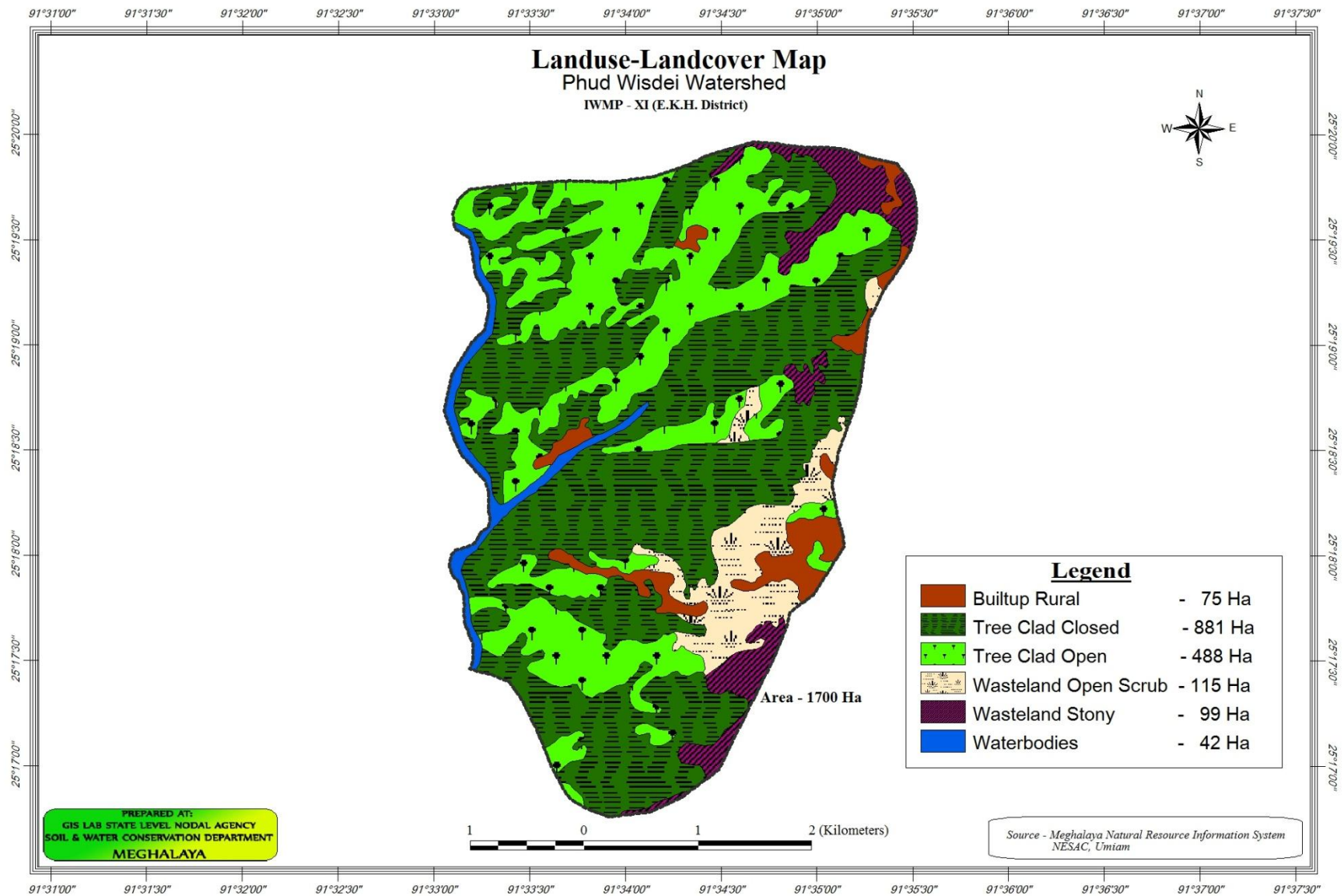


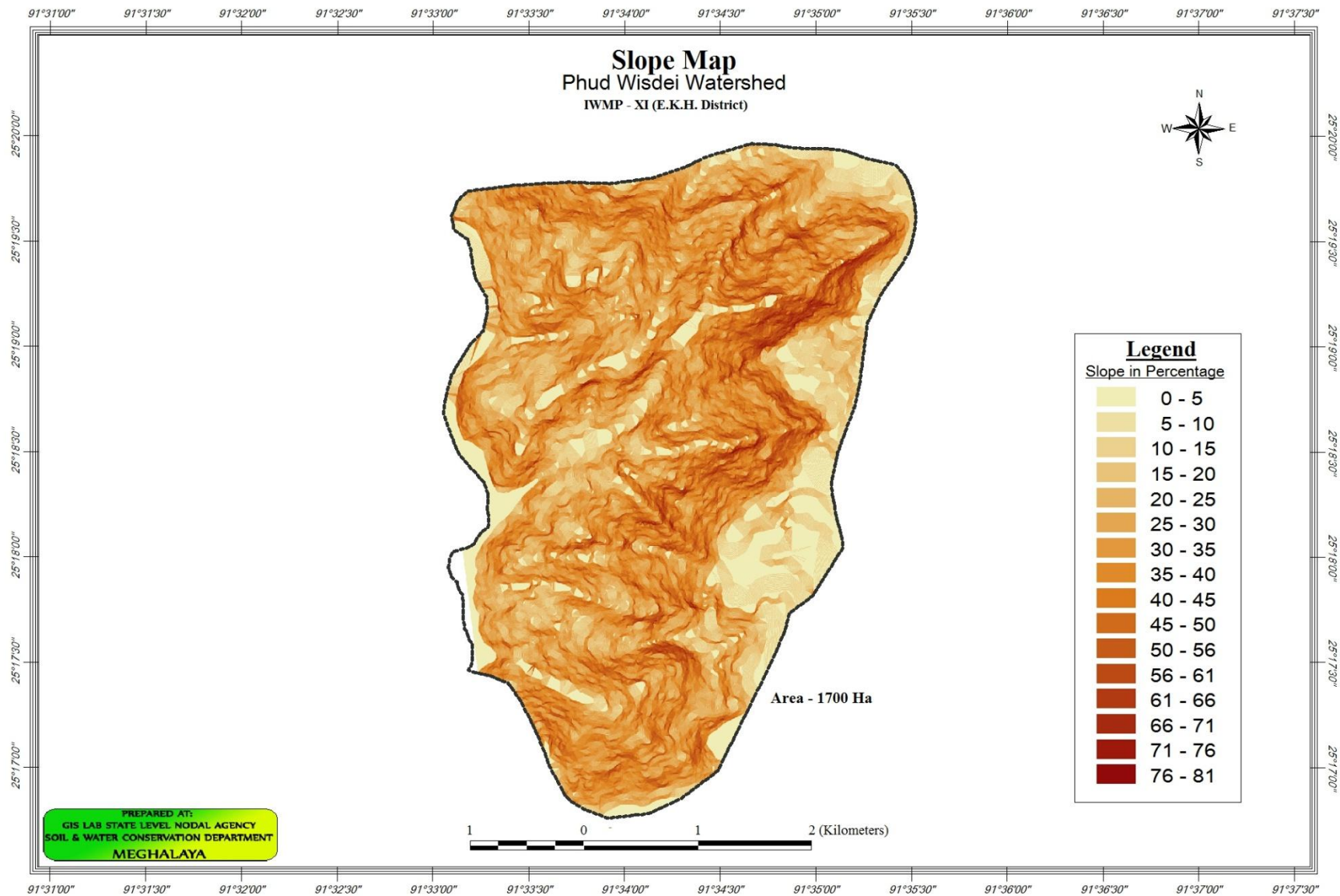


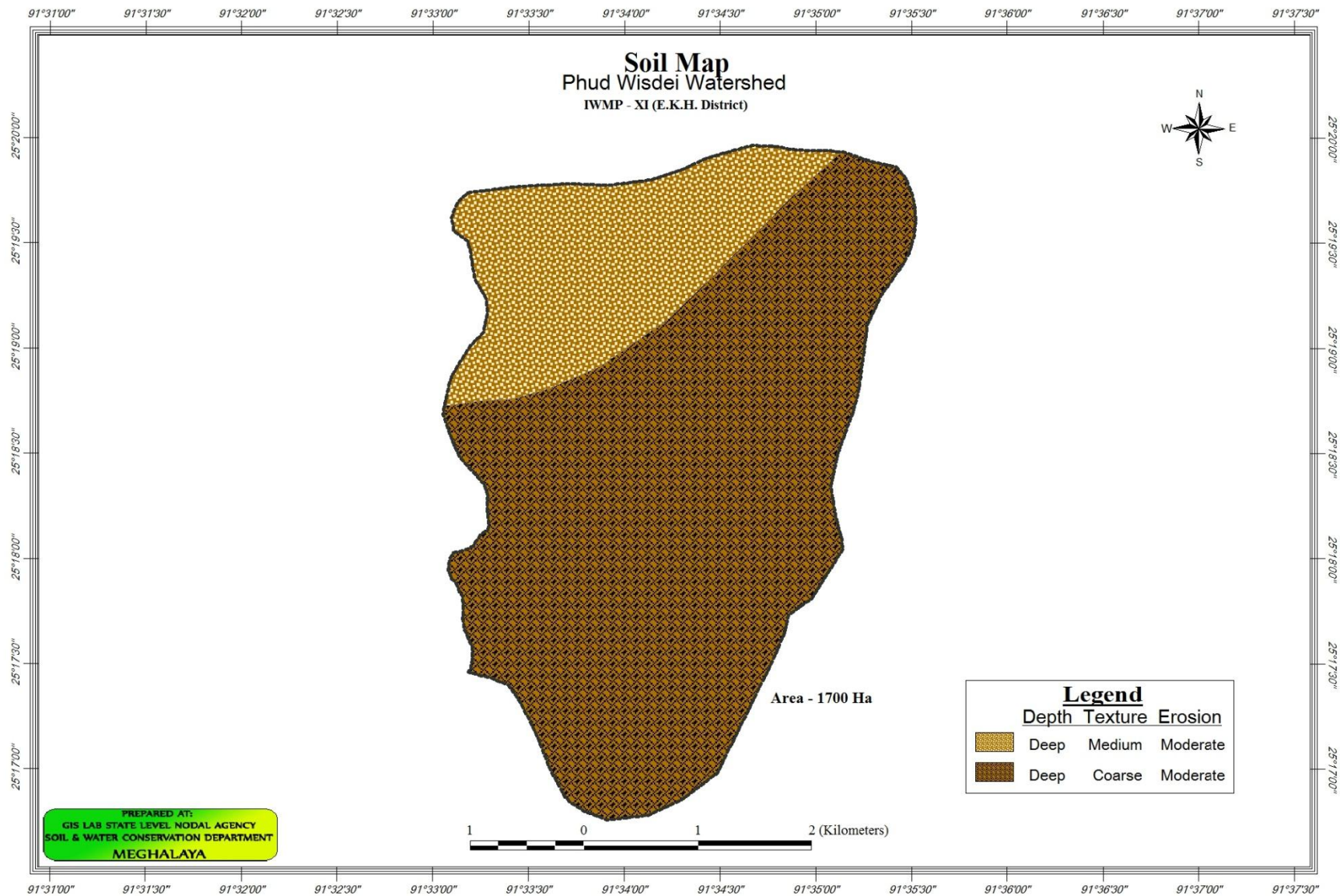


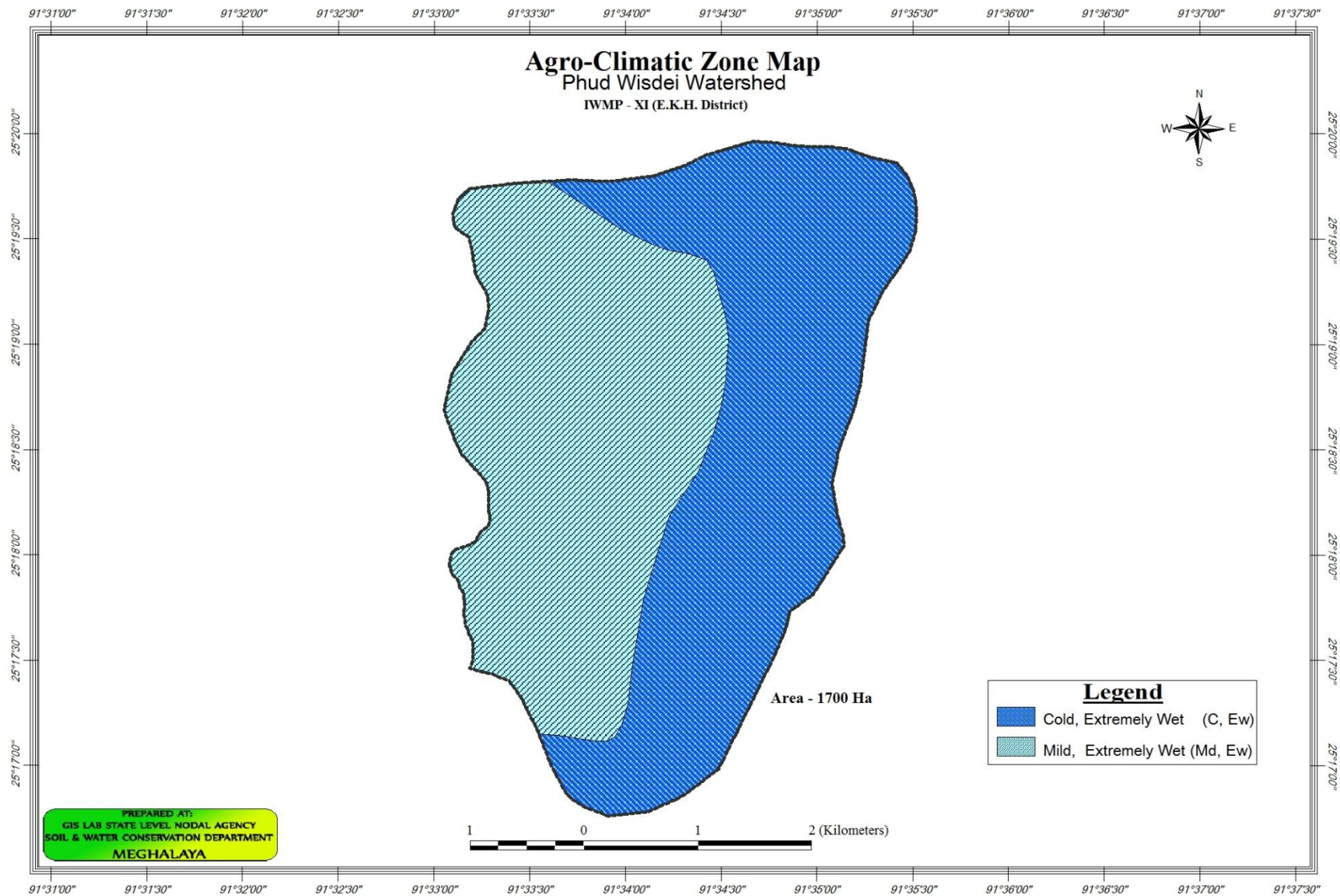


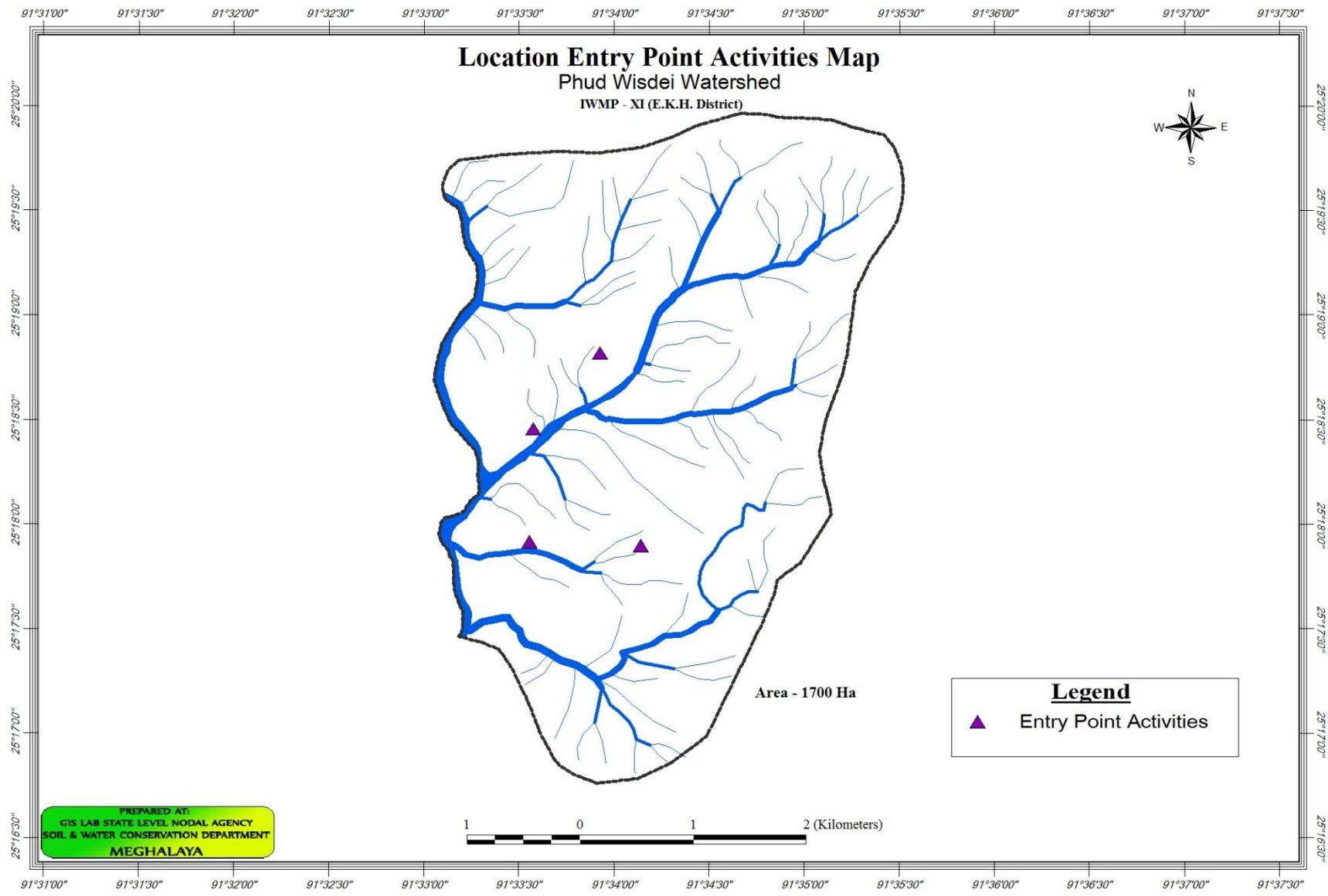












ANNEXURE II

SOCIO-ECONOMIC SURVEY DETAILS

SOCIO ECONOMIC DATA OF MAWBANG VILLAGE UNDER SHELLA BHOLAGANJ C & RD BLOCK

		Population			Literacy			Occupation	Agriculture Area		Livestock					Annual Income
Sl.No	Name Of The Head of Family	Male	Female	Total	Literate	Illiterate	Total		Settled	Jhum	Cow	Pig	Goat	Poultry	Horse	
1.	Sobitri Diengdoh	03	04	07	1	-	1	Business	-	-	-	-	-	2	-	-
2.	Debren Nongtraw	03	01	04	1	-	1	Labourer	-	-	-	2	-	-	-	-
3.	Mening Dkhar	05	04	09	1	-	1	Labourer	-	-	-	-	-	-	-	-
4.	Taron Sangma	05	05	10	1	-	1	Labourer	-	-	-	-	-	-	-	-
5.	Buji Sangma	02	02	04	1	-	1	Farmer	4	-	6	-	-	-	-	-
6.	Dipti Das	02	04	06	1	-	1	Farmer	5	-	5	-	6	7	-	-
7.	Odir Das	02	02	04	1	-	1	Labourer	-	-	1	-	3	6	-	-
8.	Suda	02	02	04	-	1	1	Labourer	-	-	-	-	-	4	-	-
9.	Kosir Mia	01	02	03	1	-	1	Farmer	4	-	10	-	-	-	-	-
10.	Sosi Bishar	02	04	06	1	-	1	Farmer	3	-	6	-	-	6	-	-
11.	Kutum Bishar	03	03	06	1	-	1	Farmer	5	-	3	-	6	5	-	-
12.	Neken Das	04	02	06	-	1	1	Farmer	7	-	14	-	-	-	-	-
13.	Romes Bishar	05	07	12	1	-	1	Labourer	-	-	3	-	-	20	-	-
14.	Sonoi Ali	04	03	07	1	-	1	Labourer	-	-	2	-	2	5	-	-
15.	Robi Bishar	02	05	07	1	-	1	-	-	-	6	-	2	5	-	-
16.	Koma Debi	-	03	03	-	1	1	Farmer	5	-	6	-	-	-	-	-
17.	Jokendra Singh	05	02	07	-	1	1	Farmer	-	-	-	-	-	5	-	-
18.	Kulushan Singh	02	02	04	1	-	1	Labourer	-	-	-	-	-	6	-	-
19.	Bajori Bishar	03	02	05	1	-	1	Labourer	-	-	1	-	5	-	-	-
20.	Lurshai Nongtraw	02	04	06	1	-	1	Labourer	-	-	-	-	-	-	-	-
21.	Plon Wariat	03	05	08	-	-	1	Labourer	-	-	-	-	-	-	-	-
22.	Wankmen Diengdoh	05	09	14	1	-	1	Labourer	-	-	-	-	-	6	-	-
23.	Subolin Sangma	01	03	04	1	-	1	Labourer	-	-	-	-	-	-	-	-
24.	Ojrin Bishar	08	02	10	-	1	1	Labourer	-	-	-	-	-	-	-	-
25.	Merin Hajong	04	03	07	1	-	1	Labourer	-	-	-	-	-	-	-	-
26.	Berilin Nongtraw	02	02	04	1	-	1	Labourer	-	-	-	-	-	-	-	-
27.	Jomir Ali	03	01	04	-	1	1	Labourer	-	-	-	-	-	-	-	-
28.	Dibendro Iawrot	01	01	02	1	-	1	Labourer	-	-	-	-	-	-	-	-
29.	Kitkhia Diengdoh	08	03	11	1	-	1	Labourer	-	-	2	-	-	-	-	-
30.	Lymbu Ali	01	02	03	1	-	1	Labourer	-	-	-	-	-	-	-	-
31.	Renie Kharbamon	04	06	10	1	-	1	Business	-	-	-	-	-	-	-	-
32.	Robi Boro	02	01	03	-	1	1	Labourer	-	-	-	-	-	-	-	-
33.	Rokhel Boro	03	01	04	-	1	1	Labourer	-	-	2	-	-	6	-	-
34.	Diren Bishar	03	04	07	-	1	1	Labourer	-	-	-	-	-	-	-	-

35.	Noro	01	04	05	1	-	1	Labourer	-	-	-	-	-	-	-	-
36.	Santu Bishos	03	01	04	1	-	1	Labourer	-	-	2	-	-	-	-	-
37.	Rosomoi Bishas	03	02	05	1	-	1	Labourer	-	-	-	-	-	-	-	-
38.	Goping Bishas	01	01	02	1	-	1	-	-	-	-	-	-	-	-	-
39.	Devdas Das	05	03	08	1	-	1	Labourer	-	-	4	-	-	-	-	-
40.	Syndor Bormon	05	02	07	-	1	1	Labourer	-	-	-	-	-	-	-	-
41.	Open Bormon	02	02	04	-	1	1	Labourer	-	-	-	-	-	05	-	-
42.	Bijon Das	03	03	06	1	-	1	Labourer	-	-	2	-	-	-	-	-
43.	Upai Bishas	04	04	08	-	1	1	Labourer	-	-	4	-	-	-	-	-
44.	Mony Bormon	02	04	06	-	1	1	Labourer	-	-	2	-	-	13	-	-
45.	Goboragh Bishas	04	01	05	-	1	1	Labourer	-	-	3	-	-	4	-	-
46.	Kuka Devnath	05	03	08	1	-	1	Farmer	4	-	12	-	-	-	-	-
47.	Mono Sangma	02	03	05	-	1	1	Farmer	5	-	5	7	-	-	-	-
48.	Tojret Ali	01	04	05	-	1	1	Farmer	6	-	12	-	12	10	-	-
49.	Amin Ali	01	01	02	1	-	1	Farmer	-	-	-	-	-	-	-	-
50.	Jamal Ali	04	02	06	1	-	1	Farmer	-	-	-	-	-	5	-	-
51.	Jokodis Bishas	02	04	06	-	1	1	Labourer	-	-	-	-	-	-	-	-
52.	Sudamini Bishas	02	-	02	-	1	1	Labourer	-	-	-	-	-	7	-	-
53.	Abu Bishas	03	03	06	1	-	1	Labourer	-	-	-	-	-	5	-	-
54.	Durga Boro	01	03	04	-	1	1	Labourer	-	-	-	-	-	-	-	-
55.	Das Gosh	02	03	05	-	1	1	Labourer	-	-	-	-	-	-	-	-
56.	Muktishar Bishas	05	02	07	-	1	1	Farmer	5	-	5	-	3	-	-	-
57.	Monihar Singh	02	02	04	1	-	1	Labourer	-	-	-	-	-	5	-	-
58.	Sanshot Das	02	03	05	1	-	1	Farmer	-	-	4	-	-	-	-	-
59.	Pabir Das	03	01	04	1	-	1	Labourer	-	-	-	-	-	-	-	-
60.	Soion Das	01	01	02	1	-	1	Labourer	-	-	-	-	-	-	-	-
61.	Soku Bishas	04	02	06	1	-	1	Labourer	-	-	-	-	-	8	-	-
62.	Santo Singh	01	01	02	1	-	1	Labourer	-	-	-	-	-	-	-	-
63.	Kosimoni Singh	01	05	06	-	1	1	Labourer	-	-	2	-	-	-	-	-
64.	Nefon Singh	01	01	02	1	-	1	Labourer	-	-	-	-	-	-	-	-
65.	Molindro Singh	03	03	06	1	-	1	Farmer	-	-	12	-	-	-	-	-
66.	Nilo Singh	03	-	03	1	-	1	Labourer	-	-	-	-	-	-	-	-
67.	Nondi Singh	05	03	08	1	-	1	Labourer	-	-	8	-	-	-	-	-
68.	Nabo Singh	04	03	07	1	-	1	Labourer	-	-	1	-	-	-	-	-
69.	Assep Mia	02	01	03	-	1	1	Labourer	-	-	3	-	-	05	-	-
70.	Heson Bishas	02	02	04	-	1	1	Labourer	-	-	-	-	-	-	-	-
71.	Sudon Hajong	03	01	04	-	1	3	Labourer	-	-	-	-	-	-	-	-
72.	Moloi Bishas	01	02	03	-	1	1	Labourer	-	-	-	-	-	4	-	-
73.	Movir Bishas	02	02	04	-	1	1	Labourer	-	-	-	-	-	-	-	-
74.	Ammollo Das	03	03	06	1	-	1	Labourer	-	-	2	-	-	-	-	-
75.	Rakhel Bishas	03	02	05	-	1	1	Labourer	-	-	2	-	-	-	-	-
76.	Lokhin Penwaji	02	01	03	-	1	2	Labourer	-	-	-	3	-	-	-	-
77.	Omes Bishas	02	03	05	-	-	-	-	-	-	-	-	-	-	-	-
78.	Robon Devnath	03	01	04	-	1	1	Labourer	-	-	-	-	-	-	-	-
79.	Robi Devnath	02	01	03	-	1	1	Labourer	-	-	-	-	-	-	-	-
80.	Komol Bishas	03	03	06	-	1	1	Labourer	-	-	-	-	-	-	-	-

81.	Rolin Bishas	03	01	04	-	1	1	Labourer	-	-	2	-	5	7	-	-
82.	Promut Bishas	02	03	05	-	1	1	Labourer	-	-	-	-	-	-	-	-
83.	Roton Choudry	01	03	04	1	-	1	Labourer	-	-	2	-	2	4	-	-
84.	Diven Bishas	02	03	05	-	1	1	Labourer	-	-	4	-	-	5	-	-
85.	Abu Das	03	04	07	1	-	1	Labourer	-	-	-	-	-	-	-	-
86.	Joyonto Hajong	02	01	03	-	1	1	Labourer	-	-	3	-	3	4	-	-
87.	Mony Bishas	-	02	02	-	1	1	Labourer	-	-	-	-	-	-	-	-
88.	Lomony Bishas	-	03	03	-	1	1	Labourer	-	-	7	-	3	10	-	-
89.	Gawrango Mandal	03	02	05	-	1	1	Labourer	-	-	3	-	-	5	-	-
90.	Rana Mandol	04	02	06	1	-	1	Labourer	-	-	-	-	-	-	-	-
91.	Onil Bormon	03	03	06	1	-	1	Labourer	-	-	2	-	4	6	-	-

POPULATION :-

MALE = 247 FEMALE = 235 TOTAL = 717

SOCIO ECONOMIC DATA OF THARIA VILLAGE UNDER SHELLA BHOLAGANJ C& RD BLOCK

		Population			Literacy			Occupation	Agriculture Area		Livestock					Annual Income
Sl.No	Name Of The Head of Family	Male	Female	Total	Literate	Illiterate	Total		Settled	Jhum	Cow	Pig	Goat	Poultry	Horse	
1.	Shri. H. Kynpham Tangdhara	03	03	06	6	0	6	Labourer	20,000 sq.m	-	-	-	-	2	-	40,000
2.	Smti. Plestina Tymthai	02	05	07	5	1	6	Labourer	35,000 sq.m	-	-	-	yes	yes	-	70,000
3.	Shri. Akes Tyngsong	05	01	06	3	4	7	Labourer	10,000 sq.m	-	-	-	-	-	-	30,000
4.	Smti. Wansiew Khongrymmai	02	03	05	1	4	5	Labourer	10,000 sq.m	-	yes	-	yes	-	-	30,000
5.	Shri. Patrisha Khongrymmai	02	03	05	2	3	5	Labourer	10,000 sq.m	-	-	-	-	-	-	25,000
6.	Shri. Starjune Warjri	05	01	06	4	2	6	Labourer	5,000 sq.m	-	-	-	-	-	-	25,000
7.	Smti. Champary Warjri	03	05	08	7	-	7	Labourer	30,000 sq.m	-	-	-	-	Yes	-	90,000
8.	Shri. Lamanbha Tymmennieng	02	03	05	3	2	5	Labourer	-	-	-	-	-	-	-	20,000
9.	Shri. Sparjune Syiemlieh	02	03	05	2	3	5	Labourer	-	-	-	-	-	-	-	40,000
10.	Smti. Deligencyful Stiemieli	03	03	06	6	0	6	Labourer	-	-	-	-	-	-	-	80,000
11.	Smti. Arbella K.mawpat	02	03	05	5	0	5	Labourer	-	-	-	-	-	-	-	30,000
12.	Shri. Precioustone Tymthai	02	03	05	2	3	5	Labourer	5,000 sq.m	-	-	yes	-	-	-	20,000
13.	Shri. Siyor Buhphang	03	03	06	6	0	6	Labourer	10,000 sq.m	-	-	-	-	-	-	60,000
14.	Shri. Longtrai Tyngsong	03	04	07	3	4	7	Labourer	30,000 sq.m	-	yes	-	yes	-	-	40,000
15.	Shri. Nokhon Buhphang	04	01	05	2	3	5	Labourer	30,000 sq.m	-	Yes	-	-	yes	-	80,000
16.	Smti. Settleda Khongsit	05	05	10	1	9	10	Labourer	5,000 sq.m	-	-	yes	yes	yes	-	36,000
17.	Shri. Simaren jang	05	01	06	2	4	6	Labourer	2,00,000	-	-	-	-	-	-	1,00,000
18.	Shri. Orderland Japang	03	02	05	4	1	5	Labourer	5,000 sq.m	-	-	-	-	yes	-	40,000
19.	Smti. Iohladmon Japang	01	03	04	2	2	4	Labourer	5,000 sq.m	-	yes	-	yes	yes	-	30,000
20.	Smti. Memkumari Japang	01	02	03	1	2	3	Labourer	1,000 sq.m	-	-	-	-	-	-	30,000
21.	Shri. Badap Khongsit	03	04	07	2	5	7	Labourer	2,000 sq.m	-	-	-	yes	-	-	30,000
22.	Smti. Shemtimon Japang	03	02	05	2	3	5	Labourer	3,000	-	-	-	-	-	-	20,000

									sq.m							
23.	Smti. Aitimom Japang	01	01	02	0	2	2	Labourer	3,000 sq.m	-	-	-	-	-	-	20,000
24.	Smti. Maloti Marwein	01	04	05	2	3	5	Labourer	3,000 sq.m	-	-	-	-	-	-	50,000
25.	Shri. Khrawbok Shabong	02	02	04	0	4	4	Labourer	3,000 sq.m	-	-	-	-	yes	-	20,000

POPULATION :-

MALE = 68 FEMALE = 70 TOTAL =138

SOCIO ECONOMIC DATA OF TYLLAP VILLAGE UNDER SHELLA BHOLAGANJ C & RD BLOCK

		Population			Literacy			Occupation	Agriculture Area		Livestock					Annual Income
Sl.No	Name Of the Head of Family	Male	Female	Total	Literate	Illiterate	Total		Settled	Jhum	Cow	Pig	Goat	Poultry	Horse	
1.	Shri. Khrav Kharbamon	5	2	7	6	1		Business	-	-	-	-	-	-	-	-
2.	Shri. Bimol Deb	6	5	11	11	-	11	Farmer	-	-	1	-	12	6	-	-
3.	Shri. Deny Kharbamon	3	1	4	2	2	4	Business	-	-	-	8	-	10	-	-
4.	Shri. Dine Syiemlieh	5	3	8	3	5	8	Farmer	-	-	-	-	-	2	-	-
5.	Shri. Ene Syiemlieh	1	2	3	1	2	3	Farmer	-	-	-	-	2	4	-	-
6.	Shri. Johnson Kharbamon	3	3	6	2	4	6	Farmer	-	-	-	-	3	6	-	-
7.	Shri. Kodimus Jitem	1	-	1	1	-	1	Farmer	-	-	-	-	-	-	-	-
8.	Shri. Arton Rajee	3	4	7	4	3	7	Farmer	-	-	-	-	2	10	-	-
9.	Shri. Bine Syiemlieh	3	2	5	1	4	5	Farmer	-	-	-	-	-	-	-	-
10.	Smti. Mitel nongbri	-	2	2	2	-	2	Housewife	-	-	-	-	-	-	-	-
11.	Smti. Jhora Syiemlieh	-	1	1	-	1	1	Housewife	-	-	-	-	-	2	-	-
12.	Smti. Mitelda Khongwir	-	1	1	-	1	1	Housewife	-	-	-	-	-	2	-	-
13.	Smti. Iodis Kharbamon	-	2	2	2	-	2	Business	-	-	-	-	2	2	-	-
14.	Shri. Minu Sangma	2	2	4	3	1	1	Farmer	-	-	-	-	1	-	-	-
15.	Shri. Willike Marak	3	1	4	2	2	4	Driver	-	-	-	-	-	-	-	-
16.	Smti. Merial Jitem	1	2	3	3	-	3	Business	-	-	-	-	-	12	-	
17.	Shri. Jonas Jitem	2	2	4	1	3	4	Farmer	-	-	-	-	-	-	-	-
18.	Shri. Partho Debnath	1	2	3	2	1	3	Business	-	-	-	-	-	-	-	-
19.	Smti. Eroni Chyne	1	1	2	1	1	2	Housewife	-	-	-	-	-	10	-	-
20.	Smti. Experiency Iangrai	2	3	5	3	2	5	Housewife	-	-	-	-	-	-	-	-
21.	Shri. Borpali kharbamon	1	-	1	1	-	1	Farmer	-	-	-	-	1	8	-	-
22.	Shri. Milton kharbamon	1	-	1	1	-	1	Farmer	-	-	-	-	-	-	-	-
23.	Shri. Saulus Sweth	2	2	4	4	-	4	Business	-	-	-	-	-	-	-	-
24.	Shri. Tiplang Doloi	1	4	5	2	3	5	Farmer	-	-	-	-	-	6	-	-
25.	Shri. Edmund Nongbri	2	2	4	1	3	4	Farmer	-	-	-	-	1	6	-	-
26.	Shri. Bokstra Dkhar	3	1	4	1	3	4	Farmer	-	-	-	-	-	-	-	-
27.	Shri. Bolo Dkhar	3	3	6	1	5	6	Farmer	-	-	-	-	-	2	-	-
28.	Shri. Divisingh jitem	2	1	3	3	-	3	Farmer	-	-	-	-	-	-	-	-

29.	Smti. Redsey Jitem	1	2	3	3	-	3	Housewife	-	-	-	-	-	6	-	-
30.	Shri. Limes Shullai	3	4	7	7	-	7	Business	-	-	-	-	-	-	-	-
31.	Shri. Paitar War	4	4	8	8	-	8	Business	-	-	-	-	-	-	-	-
32.	Shri. Didar Khylllep	3	2	5	3	2	5	Business	-	-	-	-	-	-	-	-
33.	Smti. M. Wahlang	4	3	7	7	-	7	Business	-	-	-	-	-	-	-	-
34.	Smti. B. Wahlang	3	1	4	4	-	4	Business	-	-	-	-	-	-	-	-
35.	Shri. Tlan Kharsyntiew	1	-	1	1	-	1	Business	-	-	-	-	-	-	-	-
36.	Shri. Vincent Dkhar	1	-	1	1	-	1	Business	-	-	-	-	-	-	-	-
37.	Shri. Toshil Lyngskor	5	4	9	9	-	9	Business	-	-	-	-	-	-	-	-
38.	Shri. Gopal Wahlang	3	2	5	-	5	5	Business	-	-	-	-	-	-	-	-
39.	Shri. Rismus Wahlang	2	2	4	4	-	4	Business	-	-	-	-	-	-	-	-
40.	Smti. Prabha Chyne	2	3	5	5	-	5	Business	-	-	-	-	-	-	-	-
41.	Shri. Sriola Kharsyntiew	2	2	4	4	-	4	Business	-	-	-	-	-	-	-	-
42.	Smti. Dina Chyne	1	2	3	3	-	3	Business	-	-	-	-	-	-	-	-
43.	Smti. Tukes Iangrai	4	4	8	8	-	8	Business	-	-	-	-	-	-	-	-
44.	Shri. Rah Trio	8	6	14	14	-	14	Business	-	-	-	-	-	-	-	-
45.	Shri. Klenphir K'syntiew	6	2	8	8	-	8	Business	-	-	-	-	-	-	-	-
46.	Shri. Lamphrang Khylllep	-	-	-	-	-	-	Business	-	-	-	-	-	-	-	-
47.	Smti. Dnger K'Syntiew	3	7	10	7	3	10	Business	-	-	-	-	-	-	-	-
48.	Shri. Shiber Kharbamon	1	1	2	-	2	2	Business	-	-	-	-	-	-	-	-
49.	Smti. Diner Khylllep	-	-	-	-	-	-	Business	-	-	-	-	-	-	-	-
50.	Smti. Tiolet War	4	11	15	4	11	15	Business	-	-	-	-	-	-	-	-
51.	Smti. Dalin Nongkynrih	3	2	5	5	-	5	Business	-	-	-	-	-	-	-	-
52.	Shri. Bidi Rajee	2	3	5	5	-	5	Business	-	-	-	-	-	-	-	-
53.	Smti. Ribel Khylllep	8	4	12	6	6	12	Business	-	-	-	-	-	-	-	-
54.	Smti. Balbara Diengdoh	4	5	9	7	2	9	Business	-	-	-	-	-	-	-	-
55.	Smti. Prisilla K'Syntiew	3	2	5	5	-	5	Business	-	-	-	-	-	-	-	-
56.	Dlian Jitem	4	4	8	7	1	8	Business	-	-	-	-	-	-	-	-
57.	Domy Kharbamon	4	1	5	5	-	5	Business	-	-	-	-	-	-	-	-
58.	Shri. James Joymest Dkhar	1	4	5	5	-	5	Business	-	-	-	-	-	-	-	-
59.	Shri. Binen Swer	2	3	5	5	-	5	Business	-	-	-	-	-	-	-	-

POPULATION :-

MALE = 149 FEMALE = 142 TOTAL = 291

SOCIO ECONOMIC DATA OF UMSAW MASKON VILLAGE UNDER SHELLA BHOLAGANJ C & RD BLOCK

		Population			Literacy			Occupatio n	Agriculture Area		Livestock					Annual Income
Sl.No	Name Of the Head of Family	Male	Female	Total	Liter ate	Illiter ate	Total		Settled	Jhum	Cow	Pig	Goat	Poultry	Horse	
1.	Kyrshan War	3	3	6	3	3	6	Labourer	2	3	-	-	-	3	-	36,000
2.	Balnot Sangma	4	3	7	5	2	7	Labourer	1	2	-	-	-	4	-	30,000
3.	Elison Sangma	1	1	2	2	-	2	Labourer	1	-	-	2	-	5	-	36,000
4.	Eno Marak	-	1	1	-	1	1	Labourer	1	-	-	-	2	3	-	30,000
5.	Armi Marak	3	5	8	6	2	8	Labourer	-	1	-	-	3	4	-	36,000
6.	Sanjip Marak	3	1	4	3	1	4	Labourer	2	1	-	-	-	-	-	56,000
7.	Bahel Marak	2	3	5	2	3	5	Labourer	1	1	-	-	-	-	-	32,000
8.	Jodason Jitem	2	3	5	5	3	8	Labourer	1	1	-	-	-	-	-	36,000
9.	Suken Sangma	3	6	9	2	7	9	Labourer	1	1	-	-	-	-	-	32,000
10.	Moni Burman	2	4	6	2	1	3	Labourer	1	1	-	-	-	-	-	36,000
11.	Potas Sangma	2	4	8	3	3	6	Labourer	1	-	-	-	-	2	-	38,000
12.	Larton Marak	4	2	6	4	2	6	Labourer	1	-	-	-	-	3	-	36,000
13.	Bermik Marak	3	3	6	2	4	6	Labourer	2	1	-	-	-	3	-	48,000
14.	Kenu Sangma	4	3	7	3	4	7	Labourer	1	-	-	-	-	3	-	36,000
15.	Supria Sangma	2	3	5	2	3	5	Labourer	1	-	-	-	-	-	-	30,000
16.	Ahang Marak	6	3	9	2	8	10	Labourer	1	-	-	2	-	-	-	36,000
17.	Bahul Sawian	3	4	7	6	2	8	Labourer	1	-	-	-	-	-	-	30,000
18.	Jova Marak	2	5	7	2	2	4	Driver	1	-	-	-	-	-	-	46,000
19.	Omola Boro	3	2	5	3	2	5	Farmer	1	-	-	-	-	-	-	-
20.	Arbin Marak	-	2	2	-	2	2	Social Forestry	1	1	-	-	-	-	-	-
21.	Bitcheng Sangma	3	1	4	2	3	5	Labourer	1	1	-	-	-	5	-	36,000
22.	Romen Marak	2	4	6	2	3	5	Labourer	1	1	-	-	-	6	-	30,000
23.	Nando Marak	2	4	6	3	6	9	Labourer	2	1	-	-	-	-	-	37,000
24.	Sekhen Sangma	1	2	3	2	-	2	Labourer	1	1	-	-	-	-	-	36,000
25.	Pison Sangma	1	2	3	3	-	3	Labourer	1	2	-	-	-	-	-	40,000
26.	Tilok Sangma	3	2	5	4	1	5	Labourer	1	1	-	-	-	-	-	36,000
27.	Alo Momin	2	2	4	2	2	4	Labourer	1	1	-	-	-	7	-	40,000
28.	Bulu Marak	5	3	8	2	6	8	Labourer	2	1	-	-	-	5	-	36,000
29.	Barnes Sangma	2	2	4	1	3	4	Labourer	1	1	-	-	-	6	-	36,000
30.	Ranjit Sangma	1	1	2	-	2	2	Labourer	2	1	-	-	-	-	-	28,000
31.	Rabit Marak	3	4	7	1	6	7	Labourer	1	-	-	-	-	-	-	30,000
32.	Amul Marak	3	3	6	2	4	6	Labourer	1	-	-	-	-	-	-	36,000

33.	Somel Sangma	3	2	5	1	4	5	Labourer	1	-	-	-	-	-	-	36,000
34.	Bukul Marak	3	3	6	2	4	6	Labourer	2	1	-	-	-	-	-	30,000
35.	Banu Marak	2	2	4	2	2	4	Labourer	1	1	-	-	-	-	-	36,000
36.	Unil Debnath	2	1	3	1	2	3	Farmer	-	-	-	-	-	-	-	38,000
37.	Raj Kumar Rai	1	1	2	2	-	2	Labourer	-	-	-	-	-	6	-	48,000
38.	Niju Marak	1	-	1	-	-	-	Driver	-	-	-	-	-	3	-	-
39.	Rekmot Dei	3	1	4	-	-	-	Labourer	-	1	-	-	2	-	-	36,000
40.	Hanipha Khan	3	4	7	3	4	7	Labourer	-	-	-	-	4	-	-	40,000
41.	Urjun Jani	2	4	6	4	2	6	Labourer	-	-	-	-	5	-	-	36,000
42.	Omola Boro	2	2	4	2	2	4	Labourer	-	-	-	-	2	-	-	30,000
43.	Babul Sawian	2	2	4	2	2	4	Labourer	2	1	-	-	5	-	-	48,000
44.	Jova Marak	1	3	4	4	-	4	Labourer	1	-	-	-	2	-	-	36,000
45.	Arbin Marak	4	2	6	4	2	6	Labourer	1	-	-	-	-	-	-	30,000
46.	Nipra Raskor	5	3	8	4	4	8	Labourer	-	-	-	-	-	-	-	30,000
47.	Abong Marak	6	4	10	3	7	10	Labourer	-	1	-	-	-	-	-	28,000
48.	Supar Sangma	5	1	6	4	2	6	Labourer	1	1	-	-	-	-	-	36,000
49.	Sosin Bim Subro	2	4	6	3	3	6	Labourer	1	1	-	-	-	-	-	48,000
50.	Sena Marak	2	1	3	2	1	3	Labourer	1	1	-	-	-	-	-	36,000

POPULATION :-

MALE = 131 FEMALE = 129 TOTAL = 260

SOCIO ECONOMIC DATA OF MAJAI (UMDUD AND LAILAD) VILLAGE UNDER SHELLA BHOLAGANJ C & RD BLOCK

		Population			Literacy			Occupation	Agriculture Area		Livestock					Annual Income
Sl.No	Name Of the Head of Family	Male	Female	Total	Literate	Illiterate	Total		Settled	Jhum	Cow	Pig	Goat	Poultry	Horse	
1.	Phriman Marbaniang	2	2	4	-	4	4	Farmer	5	6	-	-	-	7	-	24,000
2.	Jaian Marbaniang	1	1	2	-	2	2	Farmer	4	3	-	-	-	4	-	12,000
3.	Ainiruk Marwein	2	2	4	1	2	3	Farmer	1	1	-	-	-	3	-	20,000
4.	Mering Majaw	3	3	6	2	4	6	Farmer	2	1	-	-	-	5	-	24,000
5.	Bihsuk Marwein	2	1	3	2	1	3	Farmer	3	1	-	-	-	-	-	20,000
6.	Kmenlang Marwein	3	3	6	3	3	6	Farmer	1	2	-	-	-	-	-	20,000
7.	Bromon Thangkhiew	3	1	4	2	2	4	Farmer	3	2	-	-	-	7	-	24,000
8.	Dhoino Nongrum	3	4	7	5	2	7	Farmer	5	3	-	-	-	6	-	36,000
9.	Cordalin Thabah	3	2	5	2	3	5	Farmer	3	2	-	-	-	7	-	26,000
10.	Ekhel Marwein	2	-	2	2	-	2	Farmer	2	1	-	-	-	-	-	36,000
11.	Stonik Sawian	3	1	4	2	2	4	Farmer	4	3	-	-	-	6	-	24,000
12.	Shambarlin Synrem	4	2	6	2	4	6	Farmer	1	2	-	-	-	-	-	36,000
13.	Drus Sawian	2	2	4	2	2	4	Farmer	5	4	-	-	-	-	-	24,000
14.	Lung Khongwir	5	3	8	4	4	8	Farmer	5	4	-	-	2	-	-	30,000
15.	Philinda Mawkon	2	2	4	2	2	4	Farmer	2	1	-	-	-	5	-	30,000
16.	Purely Sohtun	2	1	3	3	-	3	Farmer	3	4	-	-	-	-	-	36,000
17.	Entis Mawkon	1	1	2	1	1	2	Farmer	1	2	-	-	-	5	-	30,000
18.	Magrita Majaw	2	1	3	2	1	3	Farmer	3	2	-	-	-	6	-	30,000
19.	Spila Nongrum	4	3	7	2	5	7	Farmer	3	4	-	-	-	-	-	-
20.	Poila Nongrum	2	1	3	-	3	3	Farmer	3	2	-	-	-	-	-	30,000
21.	Stad Marbaniang	3	3	6	3	3	6	Farmer	5	4	-	-	-	-	-	36,000
22.	John Marbaniang	1	1	2	2	-	2	Farmer	1	2	-	-	-	-	-	26,000
23.	Phron Nongrum	1	2	3	3	-	3	Farmer	1	1	-	-	-	-	-	12,000
24.	Devi nongrum	3	1	4	-	4	4	Farmer	1	1	-	-	-	-	-	24,000
25.	Sekhel Nongrum	1	1	2	2	-	2	Farmer	1	1	-	-	-	-	-	30,000
26.	Headstar Marwein	2	-	2	2	-	2	Farmer	1	1	-	-	-	-	-	30,000
27.	Mathias Majaw	2	2	4	2	2	4	Farmer	2	3	-	-	-	-	-	26,000
28.	Wanhun Mawkon	2	2	4	2	2	4	Farmer	2	1	-	-	-	-	-	30,000
29.	Wansuk Malngiang	2	1	3	-	3	3	Farmer	1	1	-	-	-	-	-	24,000
30.	Pynsuk Marwein	1	2	3	2	1	3	Farmer	2	1	-	-	-	-	-	12,000
31.	Hosjri Sawian	1	3	4	2	2	4	Farmer	3	2	-	-	-	-	-	24,000
32.	Speak Sawian	2	1	3	2	1	3	Farmer	3	2	-	-	-	-	-	36,000
33.	Samuel Thabah	2	1	3	3	-	3	Farmer	2	3	-	-	-	-	-	36,000

34.	Jenet Majaw	2	2	4	2	2	4	Farmer	3	2	-	-	-	-	-	30,000
35.	Biswes Synrem	3	4	7	-	-	-	Farmer	5	4	-	-	-	12	-	27,000
36.	Diswes Synrem	2	3	5	-	-	-	Farmer	6	3	-	-	-	-	-	36,000
37.	Eswet Synrem	2	1	3	-	-	-	Farmer	7	4	-	-	-	-	-	36,000
38.	Kewes Synrem	1	-	1	-	-	-	Farmer	5	6	-	-	-	-	-	30,000
39.	Mermila Synrem	1	1	2	-	-	-	Farmer	2	3	-	-	-	-	-	12,000
40.	Rinam Syngai	1	-	1	-	-	-	Farmer	7	5	-	-	-	-	-	36,000
41.	Baxter Synrem	1	3	4	2	2	4	Farmer	1	2	-	-	-	-	-	20,000
42.	Mila Iawbor	1	4	5	5	-	5	Farmer	2	3	2	-	-	-	-	24,000
43.	Marty Warjri	1	5	6	6	-	6	Farmer	2	3	4	-	-	4	-	24,000
44.	Jhorua Warjri	3	2	5	4	-	4	Farmer	3	4	2	-	-	15	-	35,000
45.	Rona Nongrum	2	2	4	2	1	3	Farmer	2	2	3	-	-	-	-	24,000
46.	Rilang Malngiang	2	3	5	3	2	5	Farmer	2	3	12	-	-	-	-	20,000
47.	Maya Khongwir	3	2	5	4	2	6	Farmer	2	3	5	7	-	-	-	30,000
48.	Ion Warjri	1	3	4	4	1	5	Farmer	3	3	12	-	12	-	-	36,000
49.	Monika Warjri	2	2	4	3	1	4	Farmer	2	3	-	-	-	-	-	30,000
50.	Teidor Warjri	1	1	2	2	-	4	Farmer	2	2	-	-	-	-	-	30,000
51.	Biju Khongwir	1	-	1	2	-	2	Farmer	1	2	-	-	-	-	-	15,000
52.	Kantimai Rajee	1	2	3	2	-	5	Farmer	2	3	-	3	-	4	-	20,000
53.	Challenge Rajee	4	1	5	8	-	8	Farmer	2	3	-	-	-	-	-	36,000
54.	Rodalin Thabah	2	4	6	4	-	4	Farmer	2	3	-	-	-	-	-	36,000
55.	Dhiren Rajee	3	4	7	5	-	5	Farmer	2	3	-	-	-	-	-	36,000
56.	Podom Rajee	1	3	4	1	-	1	Farmer	2	2	-	-	-	-	-	30,000
57.	Phaskon Warjri	1	-	1	1	2	3	Farmer	1	2	-	-	-	-	-	20,000
58.	Monika Marbaniang	5	1	6	5	1	6	Farmer	1	3	-	-	-	-	-	24,000
59.	Antimai Marbaniang	6	4	10	6	1	7	Farmer	2	3	-	-	-	-	-	30,000
60.	Melbina Rani	2	6	8	4	4	8	Farmer	2	3	-	-	-	-	-	36,000
61.	Betstar Marwein	2	2	4	2	6	8	Farmer	2	3	-	-	-	-	-	30,000
62.	Jied Jyrwa	1	4	5	2	4	6	Farmer	1	2	-	-	-	-	-	30,000
63.	Mojib Jyrwa	1	2	3	1	1	2	Farmer	1	3	-	-	-	-	-	30,000
64.	Farewell Rani	3	2	5	-	2	2	Farmer	1	2	-	-	-	-	-	30,000
65.	Ramu Singh	2	2	4	-	-	-	Farmer	1	2	-	-	-	-	-	30,000
66.	Mikir Dey	1	3	4	-	-	-	Farmer	1	3	-	-	-	-	-	30,000

POPULATION :-

MALE = 139

FEMALE = 143

TOTAL =282

STATEMENT SHOWING THE SOCIO – ECONOMIC SURVEY

NAME OF VILLAGE – DOMSKONG SYNTEIN
NAME OF C&RD BLOCK – MAWSYNRAM
NAME OF DISTRICT – EAST KHASI HILLS DISTRICT

Sl No	Name of the Head of the Family	Nos. of Population			Total nos. of child below 12 yrs both female & male out of col. 5	Occupation	Literacy		Land holding area in ha/ household			Name of crops grown	Average yield of each crop in Kg/ha	Livestock in nos.			Total income of each family per anum (Rs.)	Remarks
		Male	Female	Total			Illiterate	Literate	Non arable land	Arable land	Total			Cow	Poultry	Piggery		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1.	Mercy Kynter	2	1	3	1	Farmers	1	2	2	4	6	Broomstick Tezpata etc.	800 Kg				40,000	
2.	Rodbornson Dewsaw	4	2	6	4	Farmers	3	3	3	3	6	Do	500 Kg		2		35,000	
3.	Ristarmen lawphniaw	4	3	7	2	Farmers	4	3	2	6	8	Do	900 Kg		2	5	55,000	
4.	Kostar Syiemiong	2	4	6	2	Farmers	1	5	1	8	9	Do	1000 Kg				60,000	
5.	Bral Kynter	2	1	3	X	Farmers	X	3	2	3	5	Do	400 Kg		4		50,000	
6.	Blisi Siangshong	X	2	2	X	Farmers	1	1	2	8	10	Do	600 Kg			6	55,000	
7.	Blessing Pdahkasiej	2	4	6	X	Farmers	2	4	1	6	7	Do	800 Kg			5	60,000	
8.	Dmetstar Mamgar	1	3	4	2	Farmers	2	2	2	2	4	Do	400 Kg				35,000	
9.	Bitolian Siangshong	3	2	5	2	Farmers	3	2	2	8	10	Do	1000 Kg				70,000	
10.	Medora Byrsaw	X	2	2	X	Farmers	X	2	4	3	7	Do	600 Kg				50,000	
11.	Disno Byrsaw	3	4	7	2	Farmers	2	5	2	6	8	Do	800 Kg		5		60,000	
12.	Dering Siangshong	3	2	5	3	Farmers	2	3	2	4	6	Do	800 Kg				50,000	
13.	Jenet Kynter	2	3	5	X	Farmers	X	5	1	6	7	Do	900 Kg		8	1	60,000	
14.	Swud Kynter	3	3	6	2	Farmers	2	4	2	4	6	Do	800 Kg			4	60,000	
15.	Wikson Kynter	4	2	6	2	Farmers	3	3	2	6	8	Do	800 Kg		3	1	50,000	
16.	Ailanti Siangshong	1	3	4	2	Farmers	2	2	4	6	10	Do	900 Kg		2	3	65,000	
17.	Athor Siangshong	3	2	5	3	Farmers	2	3	2	4	6	Do	500 Kg			4	35,000	
18.	Emerald Kynter	6	3	9	3	Farmers	4	5	X	2	2	Do	200 Kg		2	2	30,000	
19.	Kitbok Thongni	3	2	5	2	Farmers	2	3	2	5	7	Do	600 Kg		3	2	35,000	
20.	Nedro Kynter	2	2	4	X	Farmers	1	3	1	8	9	Do	700 Kg		2	3	50,000	
21.	Lamphrang Lyngdoh	4	3	7	1	Farmers	X	7	2	5	7	Do	800 Kg		5	2	55,000	
22.	Brimson Kynter	2	2	4	2	Farmers	3	1	2	6	8	Do	900 Kg		6	2	60,000	
23.	Blarin Kynter	3	3	6	2	Farmers	2	4	2	6	8	Do	800 Kg		7		70,000	
24.	Market Dewsaw	2	3	5	3	Farmers	3	2	2	4	6	Do	600 Kg			3	40,000	
25.	Lamlin Byrsaw	3	4	7	3	Farmers	3	4	3	5	8	Do	700 Kg				35,000	
26.	Lukas P. Marak	2	2	4	X	Farmers	1	3	2	7	9	Do	900 Kg		4		60,000	
27.	Klisi Dewsaw	4	4	8	X	Farmers	2	6	3	5	8	Do	800 Kg			2	60,000	
28.	Kwon Dewsaw	X	1	1	X	Student	X	1	4	2	6	Do	200 Kg				20,000	
29.	Phero Dewsaw	3	1	4	2	Farmers	2	2	3	5	8	Do	600 Kg				38,000	
30.	Mobinet Rodborne	2	3	5	X	Teacher	X	5	2	4	6	Do	500 Kg		4		1,00,000	
31.	Ridasi Siangshong	X	2	2	X	Farmers	X	2	3	3	6	Do	400 Kg			1	40,000	

32.	Donkupar Kynter	2	2	4	X	Farmers	1	3	1	8	9	Do	1000 Kg		3		70,000	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
33.	Storen Siangshong	4	3	7	4	Farmers	3	4	1	8	9	Broomstick Tezpata etc.	900 Kg			4	70,000	
34.	Planly Disiar	2	2	4	X	Farmers	2	2	2	3	5	Do	600 Kg		2		40,000	
35.	Kloklen Myrthong	5	2	7	2	Farmers	2	5	2	6	8	Do	800 Kg		3	3	60,000	
36.	Klophi Kynter	3	1	4	X	Farmers	X	4	1	4	5	Do	600 Kg				50,000	
37.	Artophing Kynter	3	4	7	2	Farmers	2	5	2	7	9	Do	700 Kg		2	3	55,000	
38.	Brolson Kynter	4	4	8	3	Farmers	3	5	1	4	5	Do	500 Kg		5		40,000	
39.	Eron Pdahkasiej	3	2	5	1	Farmers	3	2	2	4	6	Do	600 Kg		5		45,000	
40.	Sokhen Myrthong	4	2	7	3	Farmers	4	3	1	9	10	Do	1000 Kg		4	4	80,000	
41.	Phrai Kynter	4	1	5	2	Farmers	2	3	1	6	7	Do	700 Kg				45,000	
42.	Pisnorian Myrthong	2	4	6	2	Farmers	1	5	2	8	10	Do	900 Kg			3	55,000	
43.	Blanli Disiar	2	4	6	1	Farmers	1	5	1	7	8	Do	800 Kg		2		50,000	
44.	Hebington Siangshong	2	2	4	2	Farmers	1	3	2	4	6	Do	500 Kg				40,000	
45.	Stir Byrsaw	3	5	8	2	Farmers	3	5	1	6	7	Do	600 Kg				45,000	
46.	Plarson Dewsaw	1	3	4	X	Farmers	1	3	2	7	9	Do	700 Kg		3	2	45,000	
47.	Rut Kynter	4	2	6	x	Farmers	1	5	1	6	7	Do	800 Kg		3		50,000	
48.	Ephor Kynter	2	2	4	1	Farmers	1	3	2	8	10	Do	700 Kg			2	45,000	
49.	Hopington Dewsaw	5	4	9	3	Farmers	3	6	1	7	9	Do	800 Kg			2	50,000	
50.	Shloniar Kynter	4	4	8	2	Farmers	2	6	1	9	10	Do	900 Kg		5	3	60,000	
51.	Sowarshon Dewsaw	3	1	4	X	Farmers	1	3	2	9	11	Do	1200 Kg		2		85,000	
52.	Ephington Pdahkasiej	2	2	4	1	Farmers	1	3	1	5	6	Do	700 Kg		3		45,000	
53.	Luwell Kynter	4	2	6	X	Teacher	1	5	1	8	9	Do	900 Kg		6		1,00,000	
54.	Hebarton Myrthong	2	5	7	4	Farmers	3	4	2	6	8	Do	800 Kg			1	55,000	
55.	Endingson Dewsaw	3	3	6	1	Farmers	2	4	1	8	9	Do	900 Kg		2	3	70,000	
56.	Stingwell Kynter	2	3	5	X	Farmers	1	4	2	7	9	Do	900 Kg		3	2	60,000	
57.	Lyanliyer Kynter	6	3	9	2	Farmers	2	7	1	8	9	Do	1000 Kg				75,000	
58.	Sanbud Kynter	3	2	5	2	Farmers	2	3	2	4	6	Do	500 Kg				35,000	
59.	Oletson Byrsaw	5	4	9	3	Farmers	2	7	3	9	12	Do	1000 Kg				75,000	
60.	Staipen Kynter	5	2	7	3	Farmers	3	4	2	8	10	Do	900 Kg		3		60,000	
61.	Morningstar Kynter	1	2	3	X	Teacher	X	3	1	9	10	Do	1000 Kg		3		1,25,000	
62.	Klosmanding Kynter	1	X	1	X	Farmers	X	1	2	6	8	Do	600 Kg				40,000	
63.	Bistar Roy Kynter	2	2	4	2	Farmers	2	2	X	2	2	Do	400 Kg				30,000	
64.	Rojis Byrsaw	3	3	6	3	Farmers	3	3	2	3	5	Do	500 Kg				30,000	

STATEMENT SHOWING THE SOCIO – ECONOMIC SURVEY

NAME OF VILLAGE – KENBAH (SYNTEIN)
NAME OF C&RD BLOCK – MAWSYNRAM
NAME OF DISTRICT – EAST KHASI HILLS DISTRICT

Sl No	Name of the Head of the Family	Nos. of Population			Total nos. of child below 12 yrs both female & male out of col. 5	Occupation	Literacy		Land holding area in ha/ household			Name of crops grown	Average yield of each crop in Kg/ha	Livestock in nos.			Total income of each family per annum (Rs.)	Remarks
		Male	Female	Total			Illiterate	Literate	Non arable land	Arable land	Total			Cow	Poultry	Piggery		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1.	Shri. Klonsing Disiar	3	3	6	1	Farmer	X	6	5	6	11	-	-	-	5	10	70,000	
2.	Shri. Klemen Kharsyntiew	2	3	5	1	Farmer	X	5	4	4	8	-	-	-	4	2	50,000	
3.	Shri. Ajit Disiar	3	1	4	2	Farmer	2	2	2	2	4	-	-	-	2	X	45,000	
4.	Shri. Dibijit Disiar	4	1	5	3	Farmer	2	3	2	2	4	-	-	-	2	X	45,000	
5.	Shri. Edar P. Kasiej	6	2	8	2	Farmer	1	7	4	5	9	-	-	-	4	1	55,000	
6.	Shri. Worning Byrsaw	4	2	6	4	Farmer	2	4	3	4	7	-	-	-	2	X	45,000	
7.	Shri. Prol Disiar	4	2	6	2	Farmer	1	5	4	6	10	-	-	-	1	4	50,000	
8.	Shri. Hebrél P. Kasiej	2	4	6	X	Farmer	1	5	4	5	9	-	-	-	2	6	60,000	
9.	Shri. Hodling Langpen	1	1	2	X	Shopping	X	2	5	7	12	-	-	4	X	7	80,000	
10.	Smt. Phida Kynter	3	6	9	3	Farmer	1	8	6	6	12	-	-	-	4	5	65,000	
11.	Shri. Running Kynter	2	2	4	2	Farmer	1	3	2	5	7	-	-	-	2	1	45,000	
12.	Shri. Dwatsing Langpen	3	7	10	3	Farmer	3	7	3	4	7	-	-	-	5	6	47,000	
13.	Shri. Dramsing Langpen	3	4	7	5	Farmer	5	2	3	5	8	-	-	-	3	2	48,000	
14.	Shri. Japansing Byrsaw	1	5	6	4	Farmer	2	4	3	6	9	-	-	-	4	5	60,000	
15.	Smt. Prialsi Disiar	1	5	6	3	Farmer	3	3	2	4	6	-	-	-	4	2	56,000	
16.	Smt. Nolin Langpen	X	3	3	X	Farmer	X	3	4	6	10	-	-	-	3	X	58,000	
17.	Smt. Iren Langpen	3	5	8	3	Farmer	X	8	4	6	10	-	-	-	2	X	60,000	
18.	Shri. Nelben Byrsaw	3	4	7	X	Farmer	1	6	3	6	9	-	-	-	X	X	50,000	
19.	Shri. Pynshai Disiar	2	5	7	4	Farmer	2	5	4	5	9	-	-	-	3	3	51,000	
20.	Smt. Biiodi Langpen	2	5	7	3	Farmer	3	4	5	7	12	-	-	-	2	5	70,000	
21.	Shri. Stodor Kynter	3	4	7	3	Farmer	2	5	3	4	7	-	-	-	2	3	70,000	
22.	Shri. Sladong Disiar	3	2	5	2	Farmer	2	3	1	3	4	-	-	-	X	1	48,000	
23.	Shri. Naldi Byrsaw	4	3	7	3	Farmer	1	6	5	7	12	-	-	4	X	6	75,000	
24.	Shri. Manroi Byrsaw	2	2	4	1	Farmer	2	2	3	2	5	-	-	-	X	X	50,000	
25.	Shri. Lasstassing Langpen	2	2	4	2	Farmer	2	2	1	3	4	-	-	-	X	1	48,000	
26.	Shri. Phrenel Langpen	5	3	8	2	Farmer	1	7	5	7	12	-	-	-	X	2	75,000	
27.	Shri. Renston Kynter	6	4	10	5	Farmer	2	8	4	6	10	-	-	-	X	3	71,000	
28.	Shri. Krelet Langpen	4	5	10	3	Farmer	2	8	6	8	14	-	-	-	X	4	8,000	
29.	Smt. Sirial Disiar	2	4	6	X	Farmer	x	6	3	7	10	-	-	-	X	5	7,000	
30.	Shri. Shandra Langpen	2	3	5	3	Farmer	2	3	3	6	9	-	-	-	X	2	6,200	
31.	Shri. Sholen Kynter	3	1	4	X	Farmer	X	4	3	6	9	-	-	-	X	0	6,000	

32.	Shri. Skondy Langpen	4	3	7	2	Farmer	2	4	4	5	9	-	-	-	X	3	6,800
33.	Shri. Jana Langpen	2	5	7	4	Farmer	3	4	2	4	6	-	-	-	X	1	4,900
34.	Shri. Bonit Disiar	2	3	5	X	Farmer	X	5	2	4	6	-	-	-	X	2	4,800
35.	Shri. Dwingson Disiar	1	5	6	3	Farmer	1	5	3	4	7	-	-	-	X	-	4,900
36.	Smt. Dengli Dewsaw	3	2	5	3	Farmer	3	2	3	3	6	-	-	-	X		4,600
37.	Shri. Poding Langpen	2	5	7	X	Farmer	x	7	5	6	11	-	-	-	X	1	7,900
38.	Shri. Wik Nandah	3	4	7	3	Farmer	1	6	4	6	10	-	-	-	X	3	6,800
39.	Shri. Beri Langpen	2	3	5	3	Farmer	3	2	1	2	3	-	-	-	X	2	4,000
40.	Smt. Bilon P. Kasiej	1	2	3	X	Farmer	x	3	2	2	4	-	-	-	X	1	4,000
41.	Shri. Starsing Byrsaw	2	3	5	3	Farmer	3	2	6	8	14	-	-	-	X		7,500
42.	Shri. Meding Byrsaw	1	1	2	X	Farmer	X	2	2	3	5	-	-	-	X		7,000
43.	Shri. Mumdas P. Kasiej	2	4	6	4	Farmer	3	3	1	3	4	-	-	-	X	1	4,000
44.	Shri. Kynpham Langpen	1	3	4	2	Farmer	2	2	2	3	5	-	-	-	X	5	7,400
45.	Shri. Wanborlang Disiar	3	2	5	3	Farmer	3	2	4	7	12	-	-	-	X		7,000
46.	Shri. Shanbor Disiar	3	4	7	4	Farmer	2	5	4	7	12	-	-	-	X	2	7,000
47.	Shri. Bonit Syiemiong	2	3	5	X	Farmer	X	5	3	4	7	-	-	-	X	1	6,900
48.	Smt. Jrit Disiar	X	4	4	2	Farmer	X	4	2	4	6	-	-	-	X	1	5,000
49.	Shri. Welben Kynter	2	3	5	1	Farmer	1	4	5	8	13	-	-	-	3	3	8,500
50.	Smt. Soina Langpen	1	4	5	3	Farmer	3	2	5	7	12	-	-	-	-	2	8,000
51.	Shri. Ramjit P. Kasiej	4	2	6	4	Farmer	3	3	4	6	10	-	-	-	-	1	7,000
52.	Smt. Pyntip Kynter	2	3	5	1	Farmer	1	4	5	6	11	-	-	-	3	2	8,100
53.	Shri. Hamsing Disiar	2	2	4	2	Farmer	2	2	3	6	9	-	-	-	4	5	8,100
54.	Shri. Dimar Kynter	3	6	9	4	Farmer	2	7	4	6	10	-	-	-	4	3	8,000
55.	Shri. Metsing Langpen	4	6	10	-	Farmer	-	10	5	10	15	-	-	-	3	2	8,800
56.	Shri. Aronson Kynter	2	4	6	1	Farmer	1	5	5	10	15	-	-	-	4	-	8,800
57.	Smt. Rupalin Langpen	4	4	8	-	Farmer	-	8	4	8	9	-	-	-	3	3	7,800
58.	Shri. Dikram Kynter	5	2	7	2	Farmer	2	5	3	6	12	-	-	-	2	-	6,800
59.	Shri. Jitson Langpen	4	3	7	3	Farmer	2	5	4	6	10	-	-	-	3	2	7,400
60.	Shri. Moion disiar	2	3	5	1	Farmer	1	4	5	8	13	-	-	-	4	2	8,000
61.	Shri. Meredy Myrthong	6	5	11	4	Business	3	8	5	9	14	-	-	6	2	4	10,000
62.	Shri. Krelson Disiar	5	6	11	3	Farmer	1	10	5	10	15	-	-	2	2	8	9,000
63.	Smt. Pistina Langpen	3	4	7	-	Farmer	-	7	4	6	10	-	-	-	2	-	8,000
64.	Shri. Romet Langpen	3	1	4	-	Farmer	-	4	2	3	5	-	-	-	1	-	6,000
65.	Shri. Nobel Disiar	3	2	5	-	Farmer	-	5	1	6	7	-	-	-	3	3	6,800
66.	Shri. Noten P. Kasiej	4	3	7	1	Farmer	-	7	2	5	7	-	-	-	6	4	8,000
67.	Smt. Thrilda Disiar	4	3	7	1	Farmer	1	6	2	4	6	-	-	-	1	-	5,800
68.	Shri. Skolan Disiar	4	2	6	3	Farmer	3	3	4	6	10	-	-	-	-	-	6,000
69.	Shri. Shngainlang Langpen	4	3	7	1	Farmer	1	6	4	6	10	-	-	-	3	3	6,800
70.	Smt. Rustina Langpen	1	2	3	1	Farmer	-	3	2	6	6	-	-	-	2	-	6,800
71.	Smt. Hitstina Disiar	2	3	5	2	Farmer	2	3	2	4	6	-	-	-	2	-	6,500
72.	Smt. Plina Disiar	2	1	3	1	Farmer	-	3	3	4	7	-	-	-	3	3	6,800
73.	Shri. Daniel	2	2	4	1	Farmer	1	3	2	4	6	-	-	-	3	3	6,300
74.	Smt. Mlina disiar	2	2	4	-	Farmer	-	4	2	4	6	-	-	-	-	-	5,000
75.	Smt. Bhita Pdahkasiej	2	3	5	3	Farmer	2	3	1	3	4	-	-	-	-	-	4,000
76.	Shri. Yet Pdahkasiej	4	3	7	-	Farmer	-	7	5	7	12	-	-	-	3	2	8,000
77.	Smt. Lena Disiar	2	6	8	5	Farmer	3	5	2	4	6	-	-	-	1	1	5,800
78.	Shri. Twonsing Langpen	2	3	5	1	Farmer	1	4	2	4	6	-	-	-	1	-	5,800
79.	Shri. Tony Marbaniang	3	6	9	3	Farmer	1	8	4	6	10	-	-	-	3	2	8,500
80.	Shri. Lainsing Disiar	2	4	6	4	Farmer	3	3	2	6	8	-	-	-	2	4	7,800
81.	Smt. Damon Disiar	2	3	5	3	Farmer	2	3	2	7	9	-	-	-	2	2	7,800
82.	Smt. Sidiar Disiar	2	2	4	-	Farmer	-	4	2	8	10	-	-	-	-	-	7,700

83.	Shri. Dilip Byrsaw	2	1	3	-	Farmer	-	3	3	4	7	-	-	-	3	3	7,700	
84.	Shri. Pralson Langpen	11	4	15	6	Farmer	4	11	4	10	14	-	-	-	4	2	8,000	
85.	Smt. Rona Pdahkasiej	2	3	5	3	Farmer	3	2	1	3	4	-	-	-	-	2	5,500	
86.	Shri. Dalan Kynter	3	3	6	3	Farmer	2	4	4	8	12	-	-	-	3	1	8,000	
87.	Shri. Wimno Kynter	4	3	7	4	Farmer	2	5	4	8	12	-	-	-	3	1	8,000	
88.	Smt. Sdensi Disiar	1	2	3	-	Farmer	-	3	4	8	12	-	-	-	4	2	8,100	
89.	Shri. Pringson Kynter	7	4	11	5	Farmer	3	8	4	8	12	-	-	-	4	2	10,000	
90.	Shri. Golben Wahlang	4	2	6	1	Govt teacher	-	6	5	8	13	-	-	-	4	2	15,000	
91.	Shri. Khain Kynter	2	6	8	4	Govt teacher	2	6	3	5	8	-	-	-	-	1	6,800	
92.	Shri. Dudson Kynter	2	5	7	4	Farmer	2	5	3	6	9	-	-	-	5	2	7,000	
93.	Smt. Lilda Disiar	2	5	7	3	Farmer	2	5	3	8	11	-	-	1	2	2	7,800	
94.	Shri. Spending Pdahkasiej	7	3	10	2	Farmer	2	8	5	8	11	-	-	1	3	3	8,500	
95.	Shri. Drasing Langpen	5	3	8	2	Farmer	1	7	3	6	9	-	-	-	2	12	8,000	
96.	Shri. Kymen Myrthong	3	4	7	3	Farmer	1	6	3	8	11	-	-	-	-	-	7,000	
97.	Shri. Dilet Langpen	6	2	8	4	Farmer	2	6	4	8	12	-	-	-	1	1	7,100	
98.	Shri. Toral Kynter	3	3	6	3	Farmer	2	4	3	6	9	-	-	-	2	2	6,000	
99.	Shri. Rostar Pdahkasiej	3	3	6	2	Farmer	1	5	3	5	8	-	-	-	2	1	6,300	
100.	Shri. Francis Kynter	3	3	6	2	Farmer	2	4	3	5	8	-	-	-	1	1	6,300	
101.	Smt. Dhina Kynter	2	2	4	-	Farmer	-	4	3	6	9	-	-	-	1	1	6,800	
102.	Shri. Jiran Langpen	2	2	4	2	Farmer	2	2	4	8	12	-	-	-	-	-	7,800	
103.	Shri. Beteram Kynter	2	5	7	2	Farmer	2	5	4	6	10	-	-	-	1	1	7,000	
104.	Shri. Batdari Langpen	2	5	7	2	Farmer	2	5	4	7	11	-	-	-	-	-	7,000	
105.	Shri. Lassku Disiar	3	3	6	3	Farmer	1	5	3	6	9	-	-	-	4	4	7,800	
106.	Shri. Pitar Byrsaw	6	2	8	4	Farmer	2	6	3	9	12	-	-	-	4	4	7,900	
107.	Smt. Shalin Kynter	3	2	5	1	Farmer	1	4	6	7	13	-	-	-	4	3	8,000	
108.	Shri. Dhim Pdahkasiej	5	5	10	3	Farmer	2	8	5	8	13	-	-	-	4	3	8,000	
109.	Shri. Boslolet Pdahkasiej	5	5	10	1	Farmer	1	9	2	6	8	-	-	-	5	3	7,300	
110.	Shri. Swik Disiar	4	4	8	2	Farmer	1	7	4	6	10	-	-	-	2	2	8,000	
111.	Shri. Habi Disiar	5	8	13	5	Farmer	3	10	4	9	13	-	-	-	3	2	8,000	
112.	Shri. Bitalit Kynter	4	4	8	4	Farmer	2	6	2	5	7	-	-	-	1	1	6,800	
113.	Shri. Tlat Disiar	2	4	6	2	Farmer	1	5	2	5	7	-	-	-	1	1	6,800	
114.	Smt. Bistarit Disiar	1	1	2	-	Farmer	-	2	2	3	5	-	-	-	1	1	4,000	
115.	Shri. Speding Kynter	3	2	5	3	Farmer	2	2	3	5	8	-	-	-	-	-	5,800	
116.	Shri. Dani Disiar	2	1	4	1	Farmer	1	2	2	5	7	-	-	-	1	-	5,800	
117.	Smt. Kena Disiar	2	2	4	1	Farmer	-	4	1	3	4	-	-	-	-	-	4,000	
118.	Smt. Bana Langpen	3	2	5	3	Farmer	2	3	2	4	7	-	-	-	-	-	4,500	
119.	Smt. Aina Langpen	2	3	5	2	Farmer	2	3	2	3	4	-	-	-	2	2	5,000	

STATEMENT SHOWING THE SOCIO – ECONOMIC SURVEY

NAME OF VILLAGE – KENMYNSAW (SYNTEIN)
NAME OF C&RD BLOCK – MAWSYNRAM
NAME OF DISTRICT – EAST KHASI HILLS DISTRICT

Sl No	Name of the Head of the Family	Nos. of Population			Total nos. of child below 12 yrs both female & male out of col. 5	Occupation	Literacy		Land holding area in ha/ household			Name of crops grown	Average yield of each crop in Kg/ha	Livestock in nos.			Total income of each family per annum (Rs.)	Remarks
		Male	Female	Total			Illiterate	Literate	Non arable land	Arable land	Total			Cow	Poultry	Piggery		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1.	Dwi Pdahkasiej	1	2	3	-	Farmer	1	2	1	2	3					2	30,000	
2.	Phlorin Pdahkasiej	-	1	1	-	Farmer	-	-	-	4	4						25,000	
3.	Plaman Pdahkasiej	3	4	7	4	Farmer	1	2	1	5	6					3	40,000	
4.	Pendrowel Pdahkasiej	3	3	6	3	Teacher	3	3	2	4	6						60,000	
5.	Shailang Langpen	2	1	3	1	Farmer	2	1	-	3	3						25,000	
6.	Rophik Pdahkasiej	2	1	3	1	Farmer	2	1	-	2	2						30,000	
7.	Oding K. Wanniang	3	4	7	4	Farmer	2	5	1	5	6						50,000	
8.	Dektar Langpen	2	5	7	4	Farmer	4	3	1	6	7						40,000	
9.	Phina Kynter	4	3	7	4	Farmer	3	4	1	5	6						30,000	
10.	Brening Kynter	7	3	10	6	Farmer	4	6	-	4	4						40,000	
11.	Bling Kynter	4	2	6	3	Farmer	3	3	1	6	7						80,000	
12.	Slar Langpen	3	3	6	2	Farmer	3	3	-	5	5						35,000	
13.	Klo disiar	5	2	7	3	Farmer	5	2	1	4	5						30,000	
14.	Kralsing Langpen	2	4	7	4	Farmer	5	2	1	5	6						40,000	
15.	Emsaia Kynter	2	2	4	2	Farmer	3	1	-	4	4						30,000	
16.	Bondu Pdahkasiej	3	1	4	2	Farmer	4	-	-	1	1						30,000	
17.	Tril Langpen	-	3	3	2	Farmer	3	-	1	1	2						20,000	
18.	Prit Langpen	2	3	5	2	Farmer	3	2	-	5	5						35,000	
19.	Dwet Langpen	3	3	6	3	Farmer	4	2	1	2	3						35,000	
20.	Wibing Disiar	2	4	6	4	Farmer	2	4	2	4	6					4	40,000	
21.	Alma Shangdiar	3	3	6	3	Farmer	4	2	1	4	5						45,000	
22.	Khren Kynter	3	4	7	2	Farmer	2	5	1	5	6						35,000	
23.	Hening Langpen	1	3	4	2	Farmer	2	2	-	3	3						40,000	
24.	Stel Kynter	7	3	10	2	Farmer	4	6	1	6	7					1	55,000	
25.	Bril Pdahkasiej	5	5	10	7	Farmer	3	7	1	6	7						65,000	
26.	Brial Kynter	2	1	3	-	Farmer	1	2	-	6	6						40,000	
27.	Dip Kynter	2	-	2	-	Farmer	2	-	1	5	6						25,000	
28.	Thral Siangshong	1	2	3	1	Farmer	2	1	-	3	3						55,000	
29.	Siril Pdahkasiej	4	6	10	4	Farmer	2	8	1	4	5						55,000	
30.	Holding Langpen	7	7	14	5	Farmer	5	9	1	5	6						40,000	
31.	Sidro Langpen	4	2	6	3	Farmer	4	2	1	4	5						65,000	
32.	Lekson Kynter	3	5	8	4	Farmer	-	8	1	2	3						35,000	
33.	Wanphoring Pdahkasiej	3	2	5	3	Farmer	3	2	2	2	4						45,000	
34.	Mel Konsang	5	3	8	3	Farmer	2	5	1	4	5						40,000	
35.	Steril Langpen	6	3	9	5	Farmer	5	4	-	6	6						50,000	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
36.	Joino Kynter	1	2	3	-	Farmer	1	2	1	6	7						30,000	
37.	Expaison Pdahkasiej	2	2	4	1	Farmer	1	3	2	5	7						31,000	
38.	Needsing Pdahkasiej	3	1	4	1	Farmer	3	1	2	2	4						37,000	
39.	Raino Kynter	4	5	9	5	Farmer	4	5	-	5	5						34,000	
40.	Lumlang Disiar	4	1	5	3	Farmer	4	1	1	4	5						40,000	
41.	Dwir Kynter	1	1	2	-	Farmer	1	1	1	3	4						65,000	
42.	Drat Langpen	3	3	6	4	Farmer	2	4	2	5	7						60,000	
43.	Sherina Langpen	4	4	8	3	Farmer	3	5	1	4	5						58,000	
44.	Mondoli Langpen	9	3	11	2	Farmer	3	9	1	6	7						50,000	
45.	Boi Pdahkasiej	3	1	4	1	Farmer	-	4	1	6	7						30,000	
46.	Ritskona Myrthong	3	3	6	3	Farmer	4	2	-	5	5						30,000	
47.	Jwol Langpen	-	1	1	-	Farmer	1	-	1	2	3						15,000	
48.	Krolen Myrthong	3	6	9	3	Farmer	4	5	1	5	6						45,000	
49.	Phno Pdahkasiej	1	1	2	-	Farmer	1	1									40,000	
50.	Staril Langpen	3	3	6	1	Farmer	4	2									40,000	
51.	Trening Kynter	7	7	14	5	Farmer	8	6									45,000	
52.	Rohil Langpen	2	3	5	3	Farmer	4	1									35,000	
53.	Seinsing Kynter	2	4	6	4	Farmer	4	2									30,000	
54.	Dmuh Kynter	2	1	3	1	Farmer	1	2									35,000	
55.	Kelson Kynter	2	2	4	1	Farmer	1	3									41,000	
56.	Swen Nongsiej	2	1	3	-	Farmer	1	2									45,000	
57.	Pailad Disiar	4	2	6	3	Farmer	3	3									36,000	
58.	Shondiar Kynter	6	2	8	2	Farmer	5	3									38,000	
59.	Khril Langpen	8	2	10	4	Farmer	4	6									41,000	
60.	Rodi Kynter	3	3	6	2	Farmer	2	4									30,000	
61.	Drutsing Langpen	2	6	8	4	Farmer	6	2									36,000	
62.	Pilo Langpen	4	3	7	3	Farmer	4	3									40,000	
63.	Lame Kynter	2	5	7	3	Farmer	4	3									59,000	
64.	Rophensing Langpen	2	3	5	3	Farmer	3	2									37,000	
65.	Drosa Langpen	1	2	3	1	Farmer	1	2									30,000	
66.	Rel Langpen	1	2	3	-	Farmer	2	1									39,000	
67.	Panji Pdahkasiej	3	2	5	3	Farmer	4	1									41,000	
68.	Tlain Konsang	4	3	7	4	Farmer	3	4									30,000	
69.	Tandar Langpen	3	3	6	3	Farmer	4	2									38,000	
70.	Thorisa Konsangsang	-	2	2	-	Farmer	2	-									28,000	
71.	Phring Pdahkasiej	4	7	13	4	Farmer	8	5									36,000	
72.	Phnaring	3	4	7	5	Farmer	4	3									30,000	
73.	Rendal Konsang	3	2	5	-	Farmer	2	3	2	3	5						62,000	
74.	Saton Kynter	5	2	7	2	Farmer	5	2	1	4	5						34,000	
75.	Tral Langpen	2	4	6	1	Farmer	2	4	2	4	6				3		43,000	
76.	Brian Langpen	1	1	2	-	Farmer	1	1	1	2	3						37,000	
77.	Phuin Pdahkasiej	4	3	7	5	Farmer	3	4	3	4	7						41,000	
78.	Disken Kynter	3	1	4	-	Farmer	3	1	2	5	7						40,000	
79.	Pynshai Byrsaw	3	3	6	4	Farmer	4	2	1	2	3						30,000	
80.	Twel Umdor	2	3	5	3	Teacher	3	2	1	2	3						60,000	
81.	Railang Pdahkasiej	2	3	5	3	Farmer	4	1	1	3	4						40,000	
82.	Neksing Langpen	3	3	6	3	Farmer	2	4	2	2	4				8		40,000	
83.	Ryming Kynter	5	2	7	5	Farmer	4	3	1	3	4						39,000	
84.	Dwot Langpen	6	2	8	4	Farmer	2	6	1	2	3						35,000	
85.	Kran Langpen	3	2	5	3	Farmer	4	1	2	2	4						37,000	

86.	Pengshlur Kynter	2	1	3	1	Farmer	1	2	-	3	3						30,000	
87.	Ronel Kynter	3	2	5	3	Farmer	3	2	1	2	2						30,000	
88.	Nishan Langpen	2	3	5	3	Farmer	2	3	1	4	5						36,000	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
89.	Aisding Pdahkasiej	2	3	5	3	Farmer	2	3	2	3	5						37,000	
90.	Mathius Kynter	2	3	5	3	Teacher	2	3	1	4	5						50,000	
91.	Toni Pdahkasiej	2	2	4	2	Farmer	3	1	2	3	5						35,000	
92.	Aiborsing Pdahkasiej	1	2	3	1	Farmer	2	1	-	2	2						30,000	
93.	Jling Kynter	5	4	9	7	Farmer	7	2	1	3	4						32,000	
94.	Janindra Pdahkasiej	5	4	9	5	Farmer	3	6	2	4	6		1				40,000	
95.	Ritlang Kynter	3	1	4	2	Farmer	2	2	-	3	3		1		1		40,000	
96.	Prening Pdahkasiej	2	1	3	1	Farmer	3	-	-	2	2						30,000	
97.	Shral Langpen	1	1	2	-	Labour	2	-	1	1	2						30,000	
98.	Swonland Pdahkasiej	2	4	6	4	Farmer	4	2	1	2	3						35,000	
99.	Ibarshain Konsang	3	1	4	3	Farmer	2	2	-	2	2						31,000	
100.	Tngen Langpen	1	2	3	2	Labour	3	-	-	1	1						25,000	
101.	Ailad Disiar	2	1	3	1	Farmer	3	-	-	2	2						31,000	
102.	Odiar Konsang	1	1	2	-	Farmer	1	1	1	4	5						40,000	
103.	Plaining Pdahkasiej	1	2	3	1	Farmer	1	2	1	2	3						38,000	
104.	Denglang Kynter	1	1	2	-	Farmer	-	2	-	2	2						30,000	
105.	Wanlangstar Langpen	3	1	4	2	Labour	3	1	-	2	2						31,000	
106.	Everly Langpen	2	1	3	1	Farmer	1	2	1	2	3						33,000	
107.	Dhi Kynter	3	2	5	1	Farmer	2	3	1	4	5						40,000	
108.	Ledar Pdahkasiej	9	5	14	8	Farmer	5	9	2	5	7						55,000	
109.	Nidro Langpen	4	4	8	3	Farmer	5	3	1	5	6						51,000	
110.	Brol Kynter	1	1	2	-	Farmer	-	2	-	4	5						30,000	
111.	Woren Pdahkasiej	3	5	8	3	Farmer	2	6	1	5	-						37,000	
112.	Bidi Myrthong	2	6	8	3	Farmer	2	6	-	4	4						41,000	
113.	Phio Pdahkasiej	9	3	12	5	Farmer	2	10	1	5	6						56,000	
114.	Pro Pdahkasiej	5	3	8	3	Farmer	3	5	-	5	3						58,000	
115.	Dhuin Pdahkasiej	5	3	8	4	Farmer	3	5	1	7	8						60,000	
116.	Bik Pdahkasiej	5	7	12	3	Farmer	2	10	-	5	5						56,000	
117.	Phlian Disiar	3	3	6	-	Farmer	1	5	1	6	7						60,000	
118.	Lesing Langpen	3	2	5	3	Farmer	3	2	-	5	5						38,000	
119.	Dllanson Langpen	3	3	6	4	Farmer	2	4	-	2	2						36,000	
120.	Drekson Kynter	3	2	5	3	Farmer	2	3	1	4	5						55,000	
121.	Nepril Langpen	7	6	13	7	Farmer	5	8	1	6	7						47,000	
122.	Pidi Myrthong	1	4	5	3	Teacher	1	4	-	4	4						60,000	
123.	Jro Disiar	3	2	5	2	Farmer	2	3	1	5	6						35,000	
124.	Esten Konsang	5	4	9	4	Farmer	4	5	1	6	7						60,000	
125.	Bletsj Langpen	1	3	4	1	Farmer	-	4	-	7	7						51,000	
126.	Tirit Langpen	4	3	7	4	Farmer	4	3	1	5	6						40,000	
127.	Klen Kynter	6	4	10	4	Farmer	4	6	-	5	5						52,000	
128.	Srin Kynter	3	3	6	1	Farmer	4	2	2	7	9						57,000	
129.	Sainbok Disiar	3	2	5	3	Farmer	3	2	1	3	4						36,000	
130.	Bhaiti Konsang	1	1	2	1	Farmer	-	2	-	3	3						27,000	
131.	Prelian Pdahkasiej	3	4	7	2	Farmer	2	5	1	6	7						41,000	
132.	Distarman Pdahkasiej	3	5	8	6	Farmer	3	5	-	5	5						46,000	
133.	Ngaid Kynter	1	1	2	1	Farmer	-	2	-	3	3						30,000	
134.	Arbar Langpen	3	5	8	5	Farmer	4	4	2	5	7						46,000	
135.	Medral Kynter	-	1	1	-	Labour	-	1	-	1	1						31,000	

136.	Dromonet Kynter	-	1	1	-	Farmer	1	-	1	6	7						60,000	
137.	Therina Kynter	4	2	6	1	Farmer	2	4	-	7	7						56,000	
138.	Stili Kynter	1	3	4	1	Farmer	-	4	1	7	8						59,000	
139.	Beson Langpen	2	2	4	1	Farmer	-	4	-	5	5						55,000	
140.	Britsing Langpen	5	7	12	7	Farmer	6	6	1	5	6						40,000	
141.	Rodwil Pdahkasiej	1	-	1	-	Farmer	1	-	1	5	6						36,000	
142.	Thiril Pdahkasiej	1	3	4	1	Farmer	2	2	2	3	5						46,000	
143.	Romidian Langpen	1	1	2	-	Farmer	1	1	-	6	6						45,000	
144.	Hustina Pdahkasiej	1	3	4	2	Farmer	2	2	1	4	5						35,000	
145.	Kdian Pdah	3	6	9	5	Farmer	4	5	1	4	5						39,000	
146.	Dhe Kynter	4	3	7	-	Farmer	4	4	-	8	8						52,000	
147.	Thwiola Pdahkasiej	1	1	2	-	Farmer	1	1	1	4	5						36,000	
148.	Tantu Pdahkasiej	5	4	9	4	Farmer	4	4	1	5	6						35,000	
149.	Letson Pdahkasiej	2	2	4	-	Farmer	2	2	2	3	5						35,000	
150.	Khlursing Pdahkasiej	3	1	4	2	Farmer	3	1	-	2	2						37,000	
151.	Herel Kynter	2	3	5	1	Farmer	2	3	1	5	6						40,000	
152.	Jandra Langpen	3	2	5	4	Farmer	4	2	-	3	3						35,000	
153.	Jero Langpen	3	5	8	4	Farmer	4	4	1	5	6						40,000	
154.	Bonit Langpen	3	3	6	5	Farmer	2	4	1	4	5						37,000	
155.	Rodar Langpen	2	2	4	-	Farmer	2	2	1	5	6						40,000	
156.	Kenjo Langpen	2	2	4	-	Farmer	2	2	1	6	7						57,000	
157.	Stephan Langpen	3	2	5	3	Farmer	3	2	1	5	6						50,000	
158.	Alphas Kynter	2	2	4	2	Farmer	2	2	-	3	3						39,000	
159.	Registar Langpen	1	1	2	-	Farmer	1	1	-	2	2						40,000	
160.	Dramsil Pdahkasiej	3	4	7	4	Farmer	3	4	-	2	2						36,000	
161.	Dior Kynter	1	2	3	-	Farmer	1	2	1	4	5						39,000	
162.	Trim Kynter	2	3	5	3	Farmer	3	2	1	5	6						40,000	
163.	Dlodan Byrsaw	4	6	10	5	Farmer	7	3	1	3	4						40,000	
164.	Shrin Pdahkasiej	5	4	9	5	Farmer	3	6	1	6	7						41,000	
165.	Joit Konsang	3	1	4	-	Farmer	3	1	1	3	4						38,000	
166.	Ralben Langpen	3	4	7	4	Farmer	4	3	-	4	4						42,000	
167.	Kwon Pdahkasiej	3	4	7	3	Farmer	3	4	1	5	6						45,000	
168.	Sman Byrsaw	2	5	7	3	Farmer	4	3	1	3	4						41,000	
169.	Ili Pdahkasiej	1	3	4	1	Farmer	1	3	1	3	4						39,000	
170.	Pantolit Langpen	2	3	5	3	Farmer	3	2	-	2	2						35,000	
171.	Dmon Pdahkasiej	1	1	2	-	Farmer	1	1	-	6	6						56,000	
172.	Jesing Nongsiej	1	2	3	1	Labour	2	1	-	1	1						36,000	
173.	Rama Pdahkasiej	3	3	6	3	Farmer	2	4	1	3	4						38,000	
174.	Phik Pdahkasiej	5	3	8	4	Farmer	4	4	1	5	6						45,000	
175.	Molor Byrsaw	2	2	4	2	Farmer	1	3	1	6	7						48,000	
176.	Robino	2	4	6	2	Farmer	3	3	-	3	3						36,000	
177.	Shailad Disiar	5	1	6	4	Farmer	3	3	1	5	6						47,000	
178.	Ditolet Langpen	4	3	7	5	Farmer	3	4	1	4	5						39,000	
179.	Shaphrang Byrsaw	3	3	6	4	Farmer	2	4	-	5	5						35,000	
180.	Diana Myrthong	1	1	2	1	Farmer	-	2	-	3	3						35,000	
181.	Singho Pdahkasiej	3	5	8	4	Farmer	4	4	1	5	6						36,000	
182.	Bakot Pdahkasiej	3	3	6	4	Farmer	4	2	1	5	6						40,000	
183.	Khrang Kynter	1	6	7	5	Farmer	4	3	-	4	4						35,000	
184.	Phrani Konsang	2	2	4	2	Farmer	1	3	1	2	3						37,000	
185.	Mela Disiar	2	2	4	3	Farmer	3	1	1	3	4						30,000	
186.	Samlang Langpen	1	2	3	1	Farmer	-	3	1	4	5						40,000	

STATEMENT SHOWING THE SOCIO – ECONOMIC SURVEY

NAME OF VILLAGE – MAWKAPHAN (SYNTEIN)
NAME OF C&RD BLOCK – MAWSYNRAM
NAME OF DISTRICT – EAST KHASI HILLS DISTRICT

Sl No	Name of the Head of the Family	Nos. of Population			Total nos. of child below 12 yrs both female & male out of col. 5	Occupation	Literacy		Land holding area in ha/ household			Name of crops grown	Average yield of each crop in Kg/ha	Livestock in nos.			Total income of each family per annum (Rs.)	Remarks
		Male	Female	Total			Illiterate	Literate	Non arable land	Arable land	Total			Cow	Poultry	Piggery		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1.	Smt. Marbi kynter	3	4	7	1	Farmer	4	3	2	4	6			-	-	6	5,000	
2.	Smt. Taining Sngi	2	6	9	1	Farmer	7	2	1	2	3			-	-	2	4,000	
3.	Smt. Sonika Kynter	2	6	9	-	Farmer	7	2	3	4	7			-	-	-	4,000	
4.	Smt. Youbisys Disiar	3	2	5	2	Farmer	2	3	2	3	5			-	-	-	8,000	
5.	Smt. Junesy Disiar	4	2	6	-	Farmer	2	4	2	3	5			-	-	1	7,000	
6.	Smt. Janta Kynter	3	2	5	1	Farmer	5	-	2	2	4			-	-	-	6,000	
7.	Smt. Helisa Kynter	4	4	8	2	Farmer	4	4	1	2	3			-	-	-	3,000	
8.	Smt. Bilsinora Disiar	2	3	5	1	Farmer	4	1	3	5	8			-	-	-	4,500	
9.	Smt. Baniar Kynter	3	3	6	2	Farmer	4	2	5	7	12			-	-	-	6,000	
10.	Smt. Krida Kynter	3	6	9	4	Farmer	6	3	4	6	10			-	8	8	6,500	
11.	Smt. Roilang Disiar	2	5	7	2	Farmer	4	3	3	6	9			-	5	5	5,700	
12.	Smt. Phrimsy Kynter	1	3	4	-	Farmer	2	2	5	7	12			-	-	-	3,400	
13.	Smt. Siewdor Kynter	3	1	4	2	Farmer	3	1	3	2	5			-	-	-	4,800	
14.	Smt. Herian Kynter	4	2	6	-	Farmer	3	3	6	7	13			-	-	-	10,000	
15.	Smt. Diioris Kynter	4	5	9	2	Farmer	4	5	2	2	4			-	-	-	3,800	
16.	Smt. Jurimon Kynter	-	3	3	1	Farmer	1	2	1	2	3			-	-	-	3,000	
17.	Smt. Artida Disiar	3	3	6	2	Farmer	3	3	2	1	3			-	-	-	12,000	
18.	Smt. Prianty Disiar	4	4	8	-	Farmer	4	4	2	2	4			-	-	-	4,000	
19.	Smt. Sarinda Disiar	2	3	5	3	Farmer	3	2	0	1	1			-	-	-	3,500	
20.	Smt. Mebli Disiar	1	4	5	2	Farmer	3	3	3	2	6			-	-	-	3,600	
21.	Smt. Kilda Kynter	3	1	4	2	Farmer	3	1	1	1	2			-	-	2	4,000	
22.	Smt. Niioda Disiar	6	2	8	1	Farmer	4	4	5	6	11			-	-	-	7,000	
23.	Smt. Enjoyment Kynter	1	3	4	-	Farmer	2	2	4	4	8			-	-	-	5,000	
24.	Smt. Banrihun Disiar	2	4	6	3	Farmer	4	2	1	2	3			-	-	-	5,000	
25.	Smt. Mrilda Desiap	3	5	8	-	Farmer	6	2	4	5	9			-	-	1	7,000	
26.	Smt. Klerian Kynter	2	2	4	-	Farmer	2	2	3	6	9			-	7	-	5,000	
27.	Smt. Milda Disiar	5	3	8	2	Farmer	3	5	6	8	14			-	3	-	15,000	
28.	Smt. Phunsio Kynter	4	1	5	3	Farmer	2	3	4	5	9			-	9	8	14,000	
29.	Smt. Sumer Disiar	1	3	4	2	Farmer	2	2	3	4	7			-	-	1	6,000	
30.	Smt. Aisi Dewasaw	2	2	4	-	Farmer	3	6	5	6	11			-	3	-	6,500	
31.	Smt. Mithil Dewasaw	-	1	1	-	Farmer	-	1	0	2	2			-	-	-	3,000	
32.	Smt. Marbalin Dewasaw	3	2	5	3	Farmer	3	2	2	2	4			-	2	-	4,000	
33.	Smt. Bisteril Dewasaw	4	4	8	2	Farmer	5	3	4	6	10			1	1	6	5,000	

34.	Smt. Balin Kynter	2	3	5	2	Farmer	5	2	3		6			-	-	-	4,000	
35.	Smt. Talit Dewsaw	3	6	9	-	Farmer	6	3	3	5	8			-	-	2	6,000	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
36.	Smt. Ialinda Dewsaw	1	1	2	-	Farmer	2	-	1	2	3			-	-	-	4,000	
37.	Smt. Magdalyne Dewsaw	3	3	6	2	Farmer	2	4	2	1	3			-	-	-	8,000	
38.	Smt. Philo Langpen	1	2	3	-	Farmer	5	1	3	3	6			-	-	8	6,000	
39.	Smt. Skai Langpen	1	2	3	1	Farmer	2	1	1	1	2			-	-	-	3,500	
40.	Smt. Daplin Dewsaw	3	2	5	-	Farmer	3	2	4	6	10			-	8	4	6,500	
41.	Smt. Hilda Disiar	4	4	8	-	Farmer	6	2	5	6	11			1	4	1	7,500	
42.	Smt. Siloris Dewsaw	-	3	3	-	Farmer	1	2	4	7	11			-	-	-	6,500	
43.	Smt. Brip Kynter	5	3	8	2	Farmer	3	5	4	4	8			-	-	-	5,500	
44.	Smt. Dwosina Kynter	-	3	3	-	Farmer	1	2	3	4	7			-	-	1	4,500	
45.	Smt. Dlisi Kunter	3	3	6	2	Farmer	4	2	5	5	10			-	4	1	5,000	
46.	Smt. Dritsi Kynter	3	1	4	-	Farmer	3	1	1	3	4			-	-	-	4,000	
47.	Smt. Rolsi Kynter	1	1	2	-	Farmer	1	1	3	6	9			-	-	-	4,800	
48.	Smt. Sira Langpen	2	2	5	3	Farmer	3	2	1	1	2			-	-	1	5,000	
49.	Smt. Blit Kynter	4	2	6	-	Farmer	4	2	2	3	5			-	-	1	5,000	
50.	Smt. Konsi Langpen	3	2	5	2	Farmer	2	3	2	2	4			-	3	0	5,000	
51.	Smt. Landa Langpen	4	5	9	1	Farmer	4	5	3	4	7			-	2	1	6,000	
52.	Smt. Dharlin Disiar	8	4	12	5	Farmer	5	7	3	3	6			-	10	-	6,500	
53.	Smt. Witstilian Dewsaw	2	3	5	-	Farmer	3	2	5	6	11			-	5	1	7,000	
54.	Smt. Tista Kynter	3	4	7	2	Farmer	5	2	1	2	3			-	-	1	5,500	
55.	Smt. Binni Kynter	4	3	7	1	Farmer	5	2	2	3	5			-	6	-	5,500	
56.	Smt. Sain Langpen	1	1	2	-	Farmer	2	-	2	2	4			-	-	-	4,500	
57.	Smt. Lolidian Langpen	4	7	11	3	Farmer	4	3	6	7	13			-	6	8	8,000	
58.	Smt. Phorsi Kynter	1	2	3	1	Farmer	1	2	4	5	9			-	8	-	5,800	
59.	Smt. Pdianghun Kynter	1	2	3	1	Farmer	2	1	1	1	2			-	-	-	4,000	
60.	Smt. Silda Kynter	3	1	4	1	Farmer	2	2	2	3	5			-	4	-	4,500	
61.	Smt. Badasuklin Langpen	4	1	5	1	Farmer	2	3	4	5	9			-	-	-	5,000	
62.	Smt. Sianti Langpen	2	2	4	2	Farmer	1	3	1	2	3			-	-	-	4,500	
63.	Smt. Wanlang Langpen	2	3	5	1	Farmer	2	3	2	3	5			-	-	-	4,000	
64.	Smt. Iordalin Kynter	4	4	8	-	Farmer	4	4	4	6	10			-	6	-	5,000	
65.	Smt. Brolstilian Kynter	2	2	4	-	Farmer	2	2	2	5	7			-	-	-	6,000	
66.	Smt. Mardina Marwein	1	2	3	-	Farmer	1	2	7	2	9			-	-	-	78,000	
67.	Smt. Dhaisi Disiar	3	4	7	2	Farmer	3	4	2	3	5			-	-	-	10,000	
68.	Smt. Ramina Langpen	4	5	9	2	Farmer	4	5	4	3	7			-	-	-	6,000	
69.	Smt. Dheilang Disiar	4	3	7	4	Farmer	4	3	5	6	11			-	8	1	8,000	
70.	Smt. Bansiewdor Kynter	2	2	4	-	Farmer	2	2	2	2	4			-	4	-	4,500	
71.	Smt. Slanda Langpen	4	5	9	1	Farmer	4	5	2	4	6			-	-	1	6,000	
72.	Smt. Sibora Langpen	1	2	3	1	Farmer	1	2	5	7	12			-	4	3	10,000	
73.	Smt. Aitida Jyrwa	4	2	6	2	Farmer	3	3	2	2	4			-	5	-	5,000	
74.	Smt. Litsi Kynter	2	5	7	2	Farmer	5	2	3	4	7			-	4	-	4,000	
75.	Smt. Wanribun Disiar	3	1	4	1	Farmer	2	2	3	5	8			-	-	-	4,500	
76.	Smt. Lapynhun Kynter	2	1	3	1	Farmer	1	2	4	4	8			-	2	-	5,000	
77.	Smt. Skhembhalang Disiar	1	2	3	1	Farmer	1	2	4	3	7			-	-	-	13,000	
78.	Smt. Dripsi Kynter	2	2	4	-	Farmer	2	2	1	2	3			-	-	-	3,000	
79.	Smt. Spirda Disiar	2	1	3	-	Farmer	2	1	7	8	14			-	-	-	6,000	
80.	Smt. Enboksi Kynter	1	3	4	-	Farmer	1	3	3	10	13			-	-	-	7,000	
81.	Smt. Thei Kynter	2	2	4	1	Farmer	2	1	4	3	7			-	-	-	5,000	
82.	Smt. Bro Dewsaw	1	4	5	2	Farmer	2	1	2	2	4			-	-	-	5,000	

STATEMENT SHOWING THE SOCIO – ECONOMIC SURVEY

NAME OF VILLAGE – TYMPIAT (SYNTEIN)
NAME OF C&RD BLOCK – MAWSYNRAM
NAME OF DISTRICT – EAST KHASI HILLS DISTRICT

Sl No	Name of the Head of the Family	Nos. of Population			Total nos. of child below 12 yrs both female & male out of col. 5	Occupation	Literacy		Land holding area in ha/ household			Name of crops grown	Average yield of each crop in Kg/ha	Livestock in nos.			Total income of each family per annum (Rs.)	Remarks
		Male	Female	Total			Illiterate	Literate	Non arable land	Arable land	Total			Cow	Poultry	Piggery		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1.	Litson Byrsaw	1	-	1	-	Farmer	√	X						1	6	2	7,000	
2.	Pyrkhat Kynter	2	2	4	2	Farmer	√	X						-	5	-	8,000	
3.	Pynnehskhem Kynter	3	1	4	2	Farmer	√	X						-	4	1	8,000	
4.	Shankey Langpen	1	2	3	1	Farmer	√	X						-	-	-	8,000	
5.	Kroming Pdahkasiej	2	1	3	-	Farmer	√	X						-	4	6	8,000	
6.	Stila Byrsaw	3	2	5	2	Farmer	√	X						-	4	2	8,000	
7.	Dringson Kynter	2	3	5	1	Farmer	√	X						-	8	2	8,000	
8.	Jespar Byrsaw	2	4	6	2	Farmer	√	X						-	6	3	8,000	
9.	Syrpailang Dewsaw	4	3	7	3	Farmer	X	√						-	4	-	8,000	
10.	Indines Myrthong	3	4	7	2	Farmer	√	X						-	3	1	8,000	
11.	Rangson Byrsaw	1	5	6	3	Farmer	X	√						-	4	-	8,000	
12.	Krolet Pdahkasiej	1	2	3	-	Farmer	√	X						-	5	-	8,000	
13.	{hrastar Byrsaw	4	4	8	4	Farmer	√	X						-	4	-	8,000	
14.	Bisil Byrsaw	3	2	5	3	Farmer	√	X						-	5	1	8,000	
15.	Randy Pdahkasiej	5	2	7	2	Farmer	√	X						-	4	2	8,000	
16.	Treinly Nandah	5	2	7	1	Farmer	X	√						-	8	2	8,000	
17.	Lursing Disiar	4	2	6	3	Farmer	X	√						2	4	2	15,000	
18.	Danial disiar	5	4	9	3	Farmer	X	√						2	6	1	15,000	
19.	Tel Pdahkasiej	2	2	4	2	Farmer	√	X						-	4	2	8,000	
20.	Albinus K. Syntiew	4	5	9	2	Farmer	X	√						-	6	2	11,000	
21.	Eding Byrsaw	2	4	6	-	Farmer	√	X						-	4	3	9,000	
22.	Phot Langpen	1	3	4	2	Farmer	√	X						-	2	1	8,000	
23.	Wosedian Kynter	2	2	4	-	Farmer	√	X						-	6	10	11,000	
24.	Pynbiang Thongni	3	4	7	3	Farmer	X	√						2	8	-	60,000	
25.	Dilip Byrsaw	4	2	6	1	Farmer	√	X						-	8	1	9,000	
26.	Dismar Langpen	2	3	5	2	Farmer	√	X						-	2	1	9,000	
27.	Tebit Langpen	2	2	4	2	Farmer	√	X						-	6	-	8,000	
28.	Broin Langpen	4	5	9	3	Farmer	√	X						1	6	-	9,000	

ANNEXURE III
COST ESTIMATES

ESTIMATE FOR CONSTRUCTION OF PROTECTION WALL.

(Rate Based as per MPWD scheduled or rates for Road and Bridges for Eastern circle, Shillong for the year 2008-09)

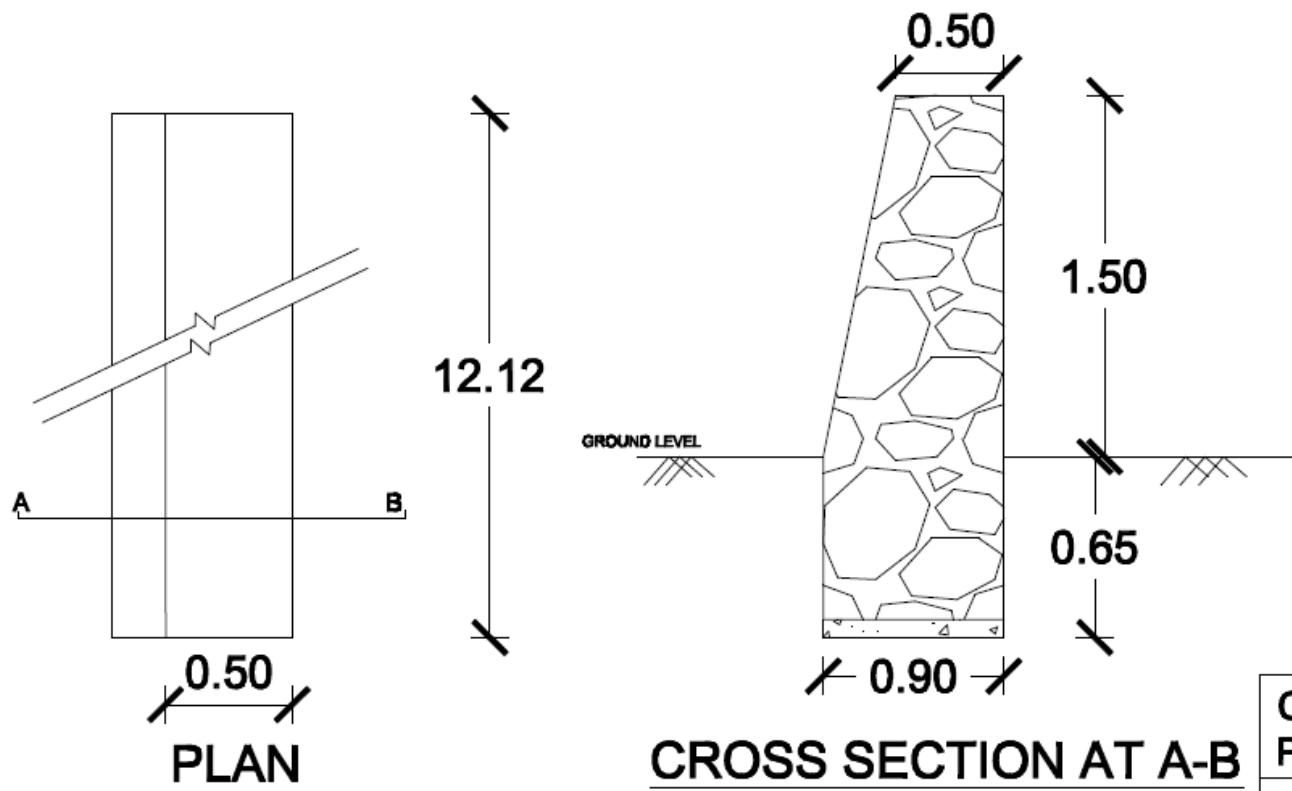
Sl no	PARTICULARS	NO	DIMENSION			QTY	UNIT	RATE	AMOUNT (RS)
			L	B	H				
1/6 (a)	Earthwork in excavation for foundation of hume pipe, culvert, slab drain, retaining wall face well up to the desired founding level including dewatering, bailing out of water and protecting the sides of foundation by adequate shoring, scaffolding. The foundation is leveled both longitudinally and transversely as directed								
		1	12.12	0.9	0.65	7.09	CU.M		
		TOTAL				7.09	CU.M	93	659.39
2/26	Providing cement concrete work in proportion 1;4;8 with hard broken stones aggregates 40mm down graded, including necessary carriage of stone and sand within a distance of 200m and curing , complete as directed								
		1	12.12	0.9	0.1	1.09	CU.M		
		TOTAL				1.09	CU.M	2136	2329.95
3/20(a)	Providing regular stone masonry in retaining walls, breast walls, and wing walls with hammer dressed or blunt chisel dressed stones of heavy section (size not less than 25 cm x25cm x30 cm) with proper key stones not less than 25cmx25cmx75cm, in cement mortar 1;6 including carriages of stones within 200m and filling in trenches and providing weep hole at 1;2 to 1:5 apart complete as directed								
		1	12.12	0.9	0.55	6.00	CU.M		
		1	12.12	0.7	1.5	12.73	CU.M		
		TOTAL				18.73	CU.M	1060	19848.92

GRAND TOTAL

22838.26

SAY :- Rs. 22,830.00

Rupees Twenty Two Thousand Eight Hundred Thirty only.



CONSTRUCTION OF PROTECTION WALL

NOT TO
SCALE

All dimensions are in
metres
DRAWN BY

MODEL ESTIMATE FOR CONSTRUCTION OF PROTECTION WALL

(The rate based as per M.P.W.D Schedule of rates for Roads, Bridges and
E & D Works 2008 - 2009)

Name of Beneficiaries -

Name of Location -

- 1/6 Earthwork in excavation for foundation of Hume pipe culvert, slab drain, retaining wall, face wall up to the desired founding level i/c. dewatering, bailing out of water to keep the foundation dry and protecting the sides of foundation by adequate shoring, scaffolding. The foundation is leveled both longitudinally and transversely as directed.

$$1 \times 10.00 \times 1.00 \times 0.65 = 6.50 \text{ m}^3$$

@ Rs.93.00/m³

Rs. 604.50

- 2/26 Providing cement concrete work in proportion 1:4:8 with hard broken stone aggregates 40mm down graded, including necessary carriage of stone and sand within a distance of 200m and curing, complete as directed.

$$10.00 \times 1.00 \times 0.10 = 1.00 \text{ m}^3$$

@ Rs.2136.00/m³

Rs. 2136.00

- 3/20 (a) Providing regular stone masonry work in returning walls, breast walls and wing walls with hammer dressed or blunt chisel dressed stones of heavy section with proper key stones each not less than 25cm X 25cm X 75cm, in cement mortar 1:6 including carriage of stone within 200m complete as directed.

$$10.00 \times 0.90 \times 0.55 = 4.95 \text{ m}^3$$

$$10.00 \times \frac{0.50 + 0.90}{2} \times 2.00 = \underline{14.00 \text{ m}^3}$$

$$18.95 \text{ m}^3$$

@ Rs.1060.00/m³

Rs.20087.00

TOTAL:

Rs.22827.50

Say Rs.22,830.00

(Rupees Twenty two thousand eight hundred thirty) only.

ESTIMATE FOR CONSTRUCTION OF WATER HARVESTING STRUCTURE.

(Rate Based as per MPWD scheduled or rates for Road and Bridges for Eastern circle, Shillong for the year 2008-09)

Sl no	PARTICULARS	NO	DIMENSION			QTY	UNIT	RATE	AMOUNT
			L	B	H				
1/4 (b)	Earthwork in excavation for foundation for abutment and wing walls of bridges and culvert, upto the founding level including dewatering, bailing out of water and protecting the sides of foundation by adequate shoring, scaffolding. The foundation is leveled both longitudinally and transversely as directed DAM WING WALL (U/S) WING WALL (D/S)								
		1	16	1.2	0.95	18.24	CU.M		
		2	5.7	0.9	0.75	7.70	CU.M		
		2	5.5	0.9	0.75	7.43	CU.M		
		TOTAL				33.36	CU.M	152	5070.72
2/26	Providing cement concrete work in proportion 1;4;8 with hard broken stones aggregates 40mm down graded, including necessary carriage of stone and sand within a distance of 200m and curing , complete as directed DAM WING WALL (U/S) WING WALL (D/S)								
		1	16	1.2	0.1	1.92	CU.M		
		2	5.7	0.9	0.1	1.026	CU.M		
		2	5.5	0.9	0.1	0.99	CU.M		
		TOTAL				3.94	CU.M	2136	8407.30
3/41(a)	Providing shuttering with dressed planks not less than 25mm thick properly joined including battens, props to the proper level and removing of the same after the concrete is hardened complete as directed DAM								
		1	16	1.75		28	SQ.M		
		TOTAL				28.00	SQ.M	295	8260.00
4/28	Providing cement concrete work in proportion 1;3;6 with hard broken stones aggregates 40mm down graded, including necessary carriage of stone and sand within a distance of 200m and curing , complete as directed DAM								
		1	16	0.1	2.6	4.16	CU.M		
		TOTAL				4.16	CU.M	2344	9751.04

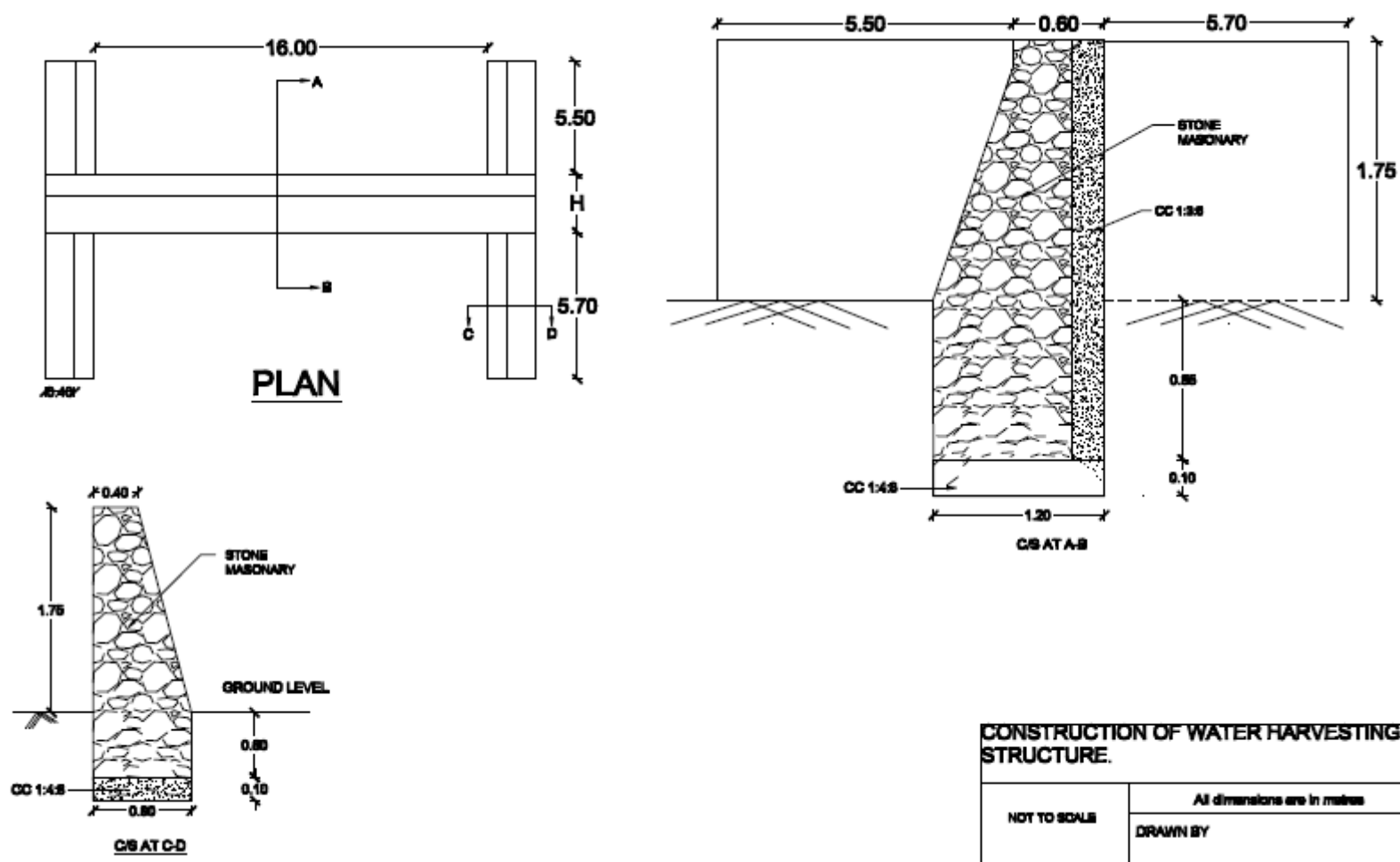
5/20(a)	Providing regular stone masonry in retaining walls, breast walls, and wing walls with hammer dressed or blunt chisel dressed stones of heavy section (size not less than 25 cm x25cm x30 cm) with proper key stones not less than 25cmx25cmx75cm, in cement mortar1;6 including carriages of stones within 200m and filling in trenches and providing weep hole at 1;2 to 1:5 apart complete as directed							
	DAM	1	16	1.1	0.85	14.96	CU.M	
		1	16	0.80	1.75	22.40	CU.M	
	WING WALL (U/S)	2	5.7	0.9	0.65	6.67	CU.M	
		2	5.7	0.70	1.75	13.97	CU.M	
	WING WALL (D/S)	2	5.5	0.90	0.65	6.44	CU.M	
		2	5.5	0.70	1.75	13.48	CU.M	
		TOTAL				77.90	CU.M	1060
								82578.24
6/26	Providing 12mm thick cement plastering including cleaing the surface, curing carriage of sand within 200m complete							
	DAM	1	16	0.6		9.6	SQ.M	
		1	16	1.75		28	SQ.M	
	WING WALL (U/S)	2	5.7	0.4		4.56	SQ.M	
		2	5.7	1.75		19.95	SQ.M	
	WING WALL (D/S)	2	5.5	0.4		4.4	SQ.M	
		2	5.5	1.75		19.25	SQ.M	
		TOTAL				85.76	SQ.M	93
								7975.68

GRAND TOTAL

122042.976

SAY ` 1,22,000.00

RUPEES ONE LAKH TWENTY TWO THOUSAND ONLY.



ESTIMATE FOR CONSTRUCTION OF WATER HARVESTING STRUCTURE.

(Rate Based as per MPWD scheduled or rates for Road and Bridges for Eastern circle, Shillong for the year 2008-09)

SI no	PARTICULARS	NO	DIMENSION			QTY	UNIT	RATE	AMOUNT
			L	B	H				
1/4 (b)	Earthwork in excavation for foundation for abutment and wing walls of bridges and culvert, upto the founding level including dewatering, bailing out of water and protecting the sides of foundation by adequate shoring, scaffolding. The foundation is leveled both longitudinally and traversely as directed DAM WING WALL (U/S) WING WALL (D/S)								
		1	10	1.2	0.9	10.80	CU.M		
		2	3.15	0.9	0.70	3.97	CU.M		
		2	3.12	0.9	0.70	3.93	CU.M		
		TOTAL				18.70	CU.M	152	2842.4304
2/26	Providing cement concrete work in proportion 1;4;8 with hard broken stones aggregates 40mm down graded, including necessary carriage of stone and sand within a distance of 200m and curing , complete as directed DAM WING WALL (U/S) WING WALL (D/S)								
		1	10	1.2	0.1	1.20	CU.M		
		2	3.15	0.9	0.1	0.567	CU.M		
		2	3.12	0.9	0.1	0.5616	CU.M		
		TOTAL				2.33	CU.M	2136	4973.89
3/41(a)	Providing shuttering with dressed planks not less than 25mm thick properly joined including battens, props to the proper level and removing of the same after the concrete is hardened complete as directed DAM								
		1	10	1.75		17.5	SQ.M		
		TOTAL				17.50	SQ.M	295	5162.50

4/28	Providing cement concrete work in proportion 1;3;6 with hard broken stones aggregates 40mm down graded, including necessary carriage of stone and sand within a distance of 200m and curing , complete as directed DAM	1	10	0.1	2.55	2.55	CU.M		
		TOTAL				2.55	CU.M	2344	5977.2
5/20(a)	Providing regular stone masonry in retaining walls, breast walls, and wing walls with hammer dressed or blunt chisel dressed stones of heavy section (size not less than 25 cm x25cm x30 cm) with proper key stones not less than 25cmx25cmx75cm, in cement mortar1;6 including carriages of stones within 200m and filling in trenches and providing weep hole at 1;2 to 1:5 apart complete as directed DAM WING WALL (U/S) WING WALL (D/S)	1	10	1.1	0.8	8.80	CU.M		
		1	10	0.80	1.75	14.00	CU.M		
		2	3.15	0.90	0.60	3.40	CU.M		
		2	3.15	0.70	1.75	7.72	CU.M		
		2	3.12	0.90	0.60	3.37	CU.M		
		2	3.12	0.70	1.75	7.64	CU.M		
		TOTAL				44.93	CU.M	1060	47629.09
9/26	Providing 12mm thick cement plastering including cleaing the surface, curing carriage of sand within 200m complete DAM WING WALL (U/S) WING WALL (D/S)	1	10	0.6		6	SQ.M		
		1	10	1.75		17.5	SQ.M		
		2	3.15	0.4		2.52	SQ.M		
		2	3.15	1.75		11.025	SQ.M		
		2	3.12	0.4		2.496	SQ.M		
		2	3.12	1.75		10.92	SQ.M		
		TOTAL				50.46	SQ.M	93	4692.87

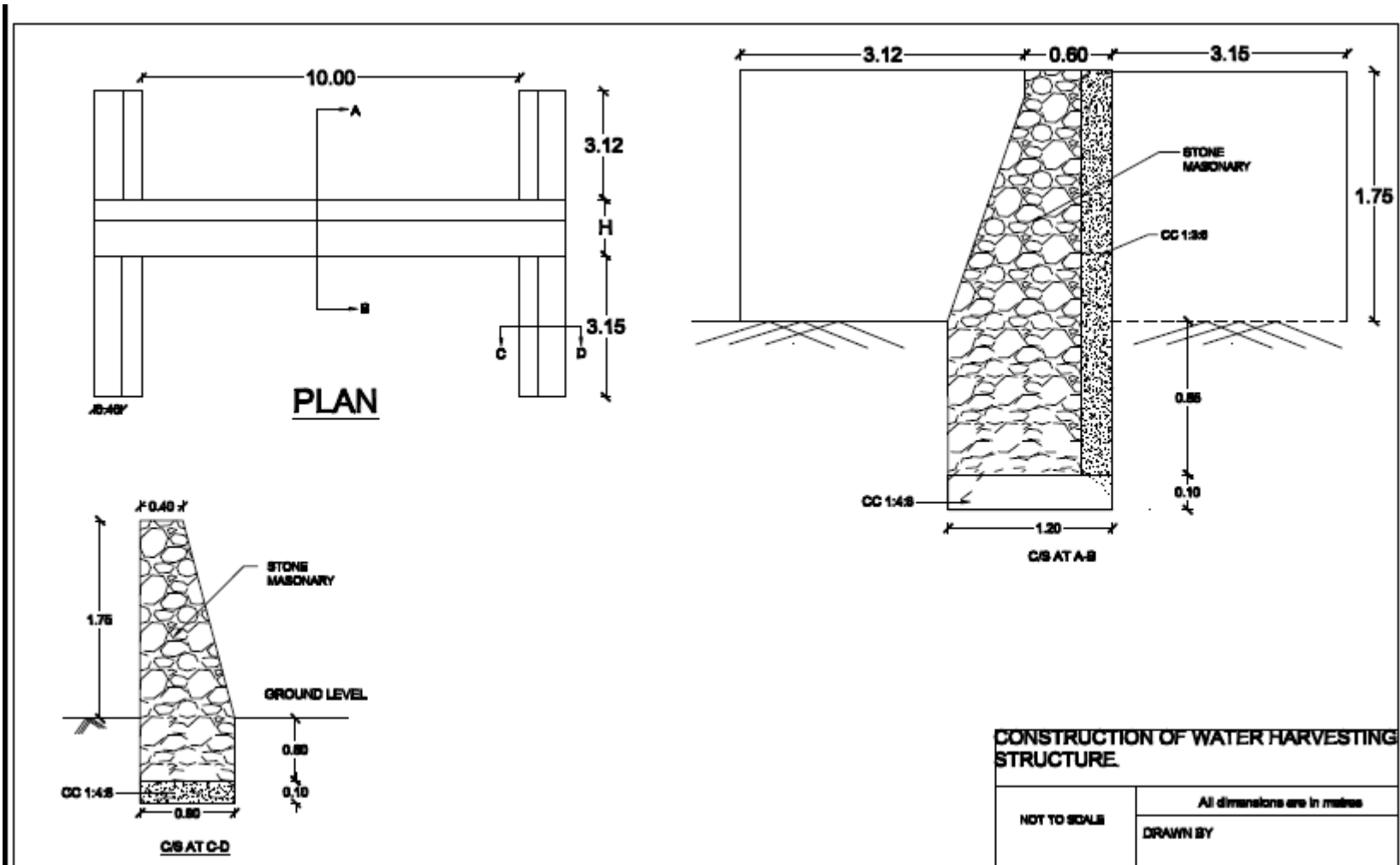
GRAND TOTAL

71277.979

SAY ` 71,250.00.00

RUPEES SEVENTY ONE THOUSAND TWO HUNDRED FIFTY ONLY.

MODEL



ESTIMATE FOR CONSTRUCTION OF WATER HARVESTING STRUCTURE

(The rate based as per P.W.D Schedule of rates for Roads, Bridges and
E & D Works 2008 - 2009)

Name of Beneficiary -

Name of Location/Village -

- 1/5 (a) Earthwork in excavation for abutment and wing walls of bridges and culverts, up to the desired founding level including dewatering, bailing out of water and protecting the foundation sides by adequate shoring, scaffolding and including leveling the foundation longitudinally and transversely etc.

$$\frac{1 \times 6.00 \times 1.00}{0.50} = 3.00 \text{ m}^3$$

$$\frac{1 \times 1.90 \times 1.50}{0.35} = 0.99 \text{ m}^3$$

$$\frac{1 \times 1.90 \times 0.20}{0.30} = \frac{0.11 \text{ m}^3}{4.10 \text{ m}^3}$$

@ Rs.124.00/m³

Rs. 508.40

- 2/26 Providing cement concrete work in proportion 1:4:8 with hard broken stone aggregates 40mm down graded, including necessary carriage of stone and sand within a distance of 200m and curing, complete as directed.

$$\frac{1 \times 6.00 \times 1.00}{0.10} = 0.60 \text{ m}^3$$

@ Rs.2136.00/m³

Rs. 1281.60

3/41 Providing shuttering with dressed planks not less than 25mm thick properly joined including battens, props to the proper level and removing the same after the concrete hardened.

$$\begin{aligned}
 1 \times 6.00 \times 1.10 &= 6.60 \text{ m}^2 \\
 1 \times 6.00 \times 1.20 &= 7.20 \text{ m}^2 \\
 2 \times 5.00 \times 0.40 &= 4.00 \text{ m}^2 \\
 4 \times 1.70 \times 0.30 &= 2.40 \text{ m}^2 \\
 4 \times 1.20 \times 0.30 &= 1.44 \text{ m}^2 \\
 4 \times 0.40 \times 0.30 &= 0.48 \text{ m}^2 \\
 2 \times 1.20 \times 0.20 &= 0.48 \text{ m}^2 \\
 2 \times 0.40 \times 0.20 &= 0.16 \text{ m}^2 \\
 2 \times 1.90 \times 0.20 &= 0.76 \text{ m}^2
 \end{aligned}$$

$$\underline{23.16 \text{ m}^2}$$

@ Rs.295.00/m²

Rs. 6832.20

4/28 Providing cement concrete work in abutments, wing walls and return walls in proportion 1:3:6 with hard broken stone aggregates 40mm down graded including necessary carriage of stone and sand within a distance of 200m etc.

$$\begin{aligned}
 1 \times 6.00 \times 1.00 \times 0.40 &= 2.40 \text{ m}^3 \\
 1 \times 6.00 \times \frac{1.00+0.50}{2} \times 1.10 &= 4.95 \text{ m}^3 \\
 2 \times 2.25 \times 0.50 \times 0.40 &= 0.90 \text{ m}^3 \\
 2 \times 1.70 \times 0.50 \times 0.20 &= 0.34 \text{ m}^3 \\
 2 \times 1.20 \times 0.30 \times 0.20 &= 0.14 \text{ m}^3 \\
 2 \times 0.40 \times 0.30 \times 0.20 &= 0.05 \text{ m}^3 \\
 1 \times 1.90 \times 0.50 \times 0.20 &= 0.19 \text{ m}^3 \\
 1 \times 1.90 \times 1.50 \times 0.10 &= 0.28 \text{ m}^3
 \end{aligned}$$

$$\underline{9.25 \text{ m}^3}$$

@ Rs.2344.00/m³

Rs.21682.00

5/24 Providing stone pitching with one man size boulders not less than 25cm X 25cm X 30cm long including filling the interstices with spoils and carriage of stone within a distance of 200m complete as directed.

$$\begin{aligned}
 1 \times 1.90 \times 1.50 \times 0.25 &= 0.71 \text{ m}^3 \\
 @ \text{Rs.}512.00/\text{m}^3
 \end{aligned}$$

Rs. 363.52

6/27 Providing 12mm thick cement plastering including cleaning surface,
curing and carriage of sand within 200m complete.

$$\begin{aligned} 1 \times 6.00 \times 1.10 &= 6.60 \text{ m}^2 \\ 1 \times 6.00 \times 1.20 &= 7.20 \text{ m}^2 \\ 2 \times 5.00 \times 0.40 &= 4.00 \text{ m}^2 \\ 4 \times 1.70 \times 0.30 &= 2.04 \text{ m}^2 \\ 4 \times 1.20 \times 0.30 &= 1.44 \text{ m}^2 \\ 4 \times 0.40 \times 0.30 &= 0.48 \text{ m}^2 \\ 2 \times 1.20 \times 0.20 &= 0.48 \text{ m}^2 \\ 2 \times 0.40 \times 0.20 &= 0.16 \text{ m}^2 \\ 2 \times 1.90 \times 0.20 &= 0.76 \text{ m}^2 \\ \hline &23.16 \text{ m}^2 \\ &\text{@ Rs.93.00/m}^2 \end{aligned}$$

Rs. 2153.88
TOTAL:Rs.32821.60

Say Rs.32,800.00

(Rupees Thirty two thousand eight hundred) only

ESTIMATE FOR CONSTRUCTION OF CONTOUR BUNDING.

WIDTH - (0.50 + 0.30)/2

(Rate Based as per MPWD scheduled or rates for Roads and Bridges for Eastern circle, Shillong for the year 2008-09)

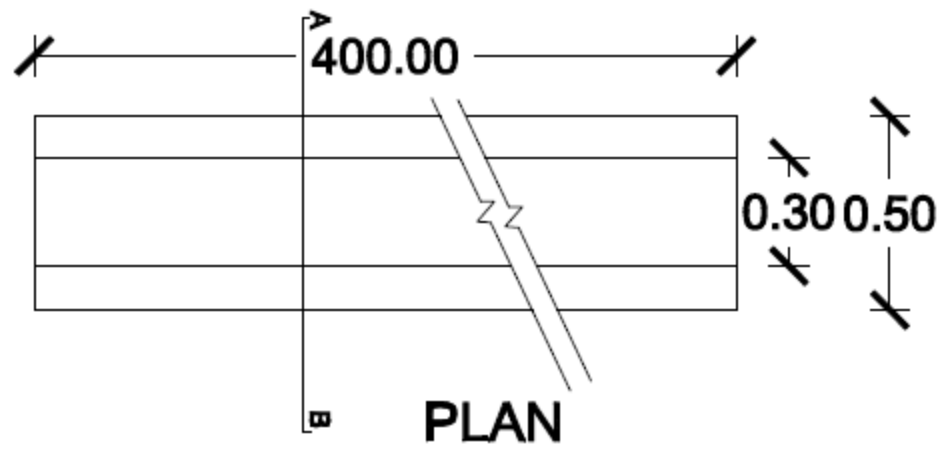
Sl no	PARTICULARS	NO	DIMENSION			QTY	UNIT	RATE (Rs)	AMOUNT (RS)
			L	B	H				
1/8	Earthwork in filling with approved earth like sandy soil, moorum etc, in an embankment in layers not exceeding 20cm thick including breaking clods, dressing and ramming and lead upto 30m and lift upto 150cm								
		1	400	0.4	0.35	56.00	cu.m		
		TOTAL				56.00	cu.m	134	7504.00

GRAND TOTAL

7504.00

Say ` 7,500.00 Per Hectare

(RUPEES SEVEN THOUSAND FIVE HUNDRED) ONLY.



DRAWING OF CONTOUR BUND.

NOT TO
SCALE

All dimensions are in
metres
DRAWN BY

ESTIMATE FOR CONSTRUCTION OF CHECK DAM

(Rate Based as per MPWD scheduled or rates for Road and Bridges for Eastern circle, Shillong for the year 2008-09)

Sl no	PARTICULARS	NO	DIMENSION			QTY	UNIT	RATE	AMOUNT (RS)
			L	B	H				
1/4 (b)	Earthwork in excavation for foundation for abutment and wing walls of bridges and culvert, upto the founding level including dewatering, bailing out of water and protecting the sides of foundation by adequate shoring, scaffolding. The foundation is leveled both longitudinally and transversely as directed DAM WING WALL (U/S) APRON								
		1	5	0.9	0.75	3.38	CU.M		
		2	3	0.8	0.75	3.60	CU.M		
		1	5	1.45	0.25	1.81	CU.M		
		TOTAL				8.79	CU.M	152	1335.7
2/26	Providing cement concrete work in proportion 1;4;8 with hard broken stones aggregates 40mm down graded, including necessary carriage of stone and sand within a distance of 200m and curing , DAM WING WALL								
		1	5	0.9	0.1	0.45	CU.M		
		2	3	0.8	0.1	0.48	CU.M		
		TOTAL				0.93	CU.M	2136	1986.48
3/41(a)	Providing shuttering with dressed planks not less than 25mm thick properly joined including battens, props to the proper level and removing of the same after the concrete is hardened complete DAM APRON								
		1	5	1.5		7.5	SQ.M		
		2	1.45	0.1		0.29	SQ.M		
		TOTAL				7.79	SQ.M	295	2298.05
4/28	Providing cement concrete work in proportion 1;3;6 with hard broken stones aggregates 40mm down graded, including necessary carriage of stone and sand within a distance of 200m and curing , c DAM APRON								
		1	5	0.1	2.15	1.08	CU.M		
		1	5	1.45	0.1	0.725	CU.M		
		TOTAL				1.80	CU.M	2344	4219.2
5/20(a)	Providing regular stone masonry in retaining walls, breast walls, and wing walls with hammer dressed or blunt chisel dressed stones of heavy section (size not less than 25 cm x25cm x30 cm) with proper key stones not less than 25cmx25cmx75cm, in cement mortar1;6 including carriages of stones within 200m and filling in trenches and providing weep hole at 1;2 to 1:5 apart DAM WING WALLS								
		1	5	0.8	0.65	2.60	CU.M		
		1	5	0.65	1.5	4.88	CU.M		
		2	3	0.8	0.65	3.12	CU.M		
		2	3	0.55	1.5	4.95	CU.M		
		TOTAL				15.55	CU.M	1060	16477.70

7/24	Providing stone pitching with one man size boulders not less than 25cm x 25cm x 30 cm including filling the interstices with spoils and carriages of stone within a distance of 200m completed APRON	1	5	1.45	0.25	1.8125	CU.M		
		TOTAL				1.81	CU.M	512	928.00
9/26	Providing 12mm thick cement plastering including cleaing the surface, curing carriage of sand within 200m complete DAM WWALLS APRON	1	5	0.5		2.5	SQ.M		
		1	5	1.5		7.5	SQ.M		
		2	3	0.5		3	SQ.M		
		2	3	1.5		9	SQ.M		
		1	5	1.45		7.25	SQ.M		
		TOTAL				29.25	SQ.M	93	2720.25

**GRAND
TOTAL**

29965.38

SAY ` 29,900.00

(RUPEES TWENTY NINE THOUSAND NINE HUNDRED) ONLY.

MODEL ESTIMATE FOR CONSTRUCTION OF C.C. CHECK DAM

(The rate based as per P.W.D Schedule of rates for Roads, Bridges and
E & D Works 2008 - 2009)

Name of Beneficiary -

Name of Location/Village -

- 1/5 (a) Earthwork in excavation for abutment and wing walls of bridges and culverts, up to the desired founding level including dewatering, bailing out of water and protecting the foundation sides by adequate shoring, scaffolding and including leveling the foundation longitudinally and transversely etc.

$$1 \times 5.80 \times 1.00 \times 0.50 = 2.90 \text{ m}^3$$

$$1 \times 4.85 \times 1.50 \times 0.30 = \frac{2.18 \text{ m}^3}{5.08 \text{ m}^3}$$

$$@ \text{Rs.}124.00/\text{m}^3$$

Rs. 629.92

- 2/26 Providing cement concrete work in proportion 1:4:8 with hard broken stone aggregates 40mm down graded, including necessary carriage of stone and sand within a distance of 200m and curing, complete as directed.

$$1 \times 5.80 \times 1.00 \times 0.10 = 0.58 \text{ m}^3$$

$$@ \text{Rs.}2136.00/\text{m}^3$$

Rs. 1238.88

- 3/41 (a) Providing shuttering with dressed planks not less than 25mm thick properly joined including battens, props to the proper level and removing the same after the concrete hardened.

$$1 \times 5.80 \times 1.10 = 6.38 \text{ m}^2$$

$$1 \times 5.80 \times 1.20 = 6.96 \text{ m}^2$$

$$2 \times 3.50 \times 0.40 = 2.80 \text{ m}^2$$

$$1 \times 7.85 \times 0.05 = 0.39 \text{ m}^2$$

$$\frac{16.53 \text{ m}^2}{16.53 \text{ m}^2}$$

$$@ \text{Rs.}295.00/\text{m}^2$$

Rs. 7876.35

4/28 Providing cement concrete work in abutments, wing walls and return walls in proportion 1:3:6 with hard broken stone aggregates 40mm down graded including necessary carriage of stone and sand within a distance of 200m etc.

$$1 \times 5.80 \times 1.00 \times 0.40 = 2.32 \text{ m}^3$$

$$1 \times 5.80 \times \frac{1.00 + 0.50}{2} \times 1.10 = 4.78 \text{ m}^3$$

$$2 \times 1.50 \times 0.50 \times 0.40 = 0.60 \text{ m}^3$$

$$1 \times 4.85 \times 1.50 \times 0.10 = 0.73 \text{ m}^3$$

$$8.43 \text{ m}^3$$

$$@ \text{Rs.}2344.00/\text{m}^3$$

Rs.19759.92

5/24 Providing stone pitching with one man size boulders not less than 25cm X 25cm X 30cm long including filling the interstices with spoils and carriage of stone within a distance of 200m complete as directed.

$$1 \times 4.85 \times 1.50 \times 0.25 = 1.82 \text{ m}^3$$

$$@ \text{Rs.}512.00/\text{m}^3$$

Rs. 931.84

6/27 Providing 12mm thick cement plastering including cleaning surface, curing and carriage of sand within 200m complete.

$$1 \times 5.80 \times 1.10 = 6.38 \text{ m}^2$$

$$1 \times 5.80 \times 1.20 = 6.96 \text{ m}^2$$

$$2 \times 3.50 \times 0.40 = 2.80 \text{ m}^2$$

$$1 \times 5.80 \times 0.50 = 2.90 \text{ m}^2$$

$$1 \times 4.85 \times 1.50 = 7.28 \text{ m}^2$$

$$26.32 \text{ m}^2$$

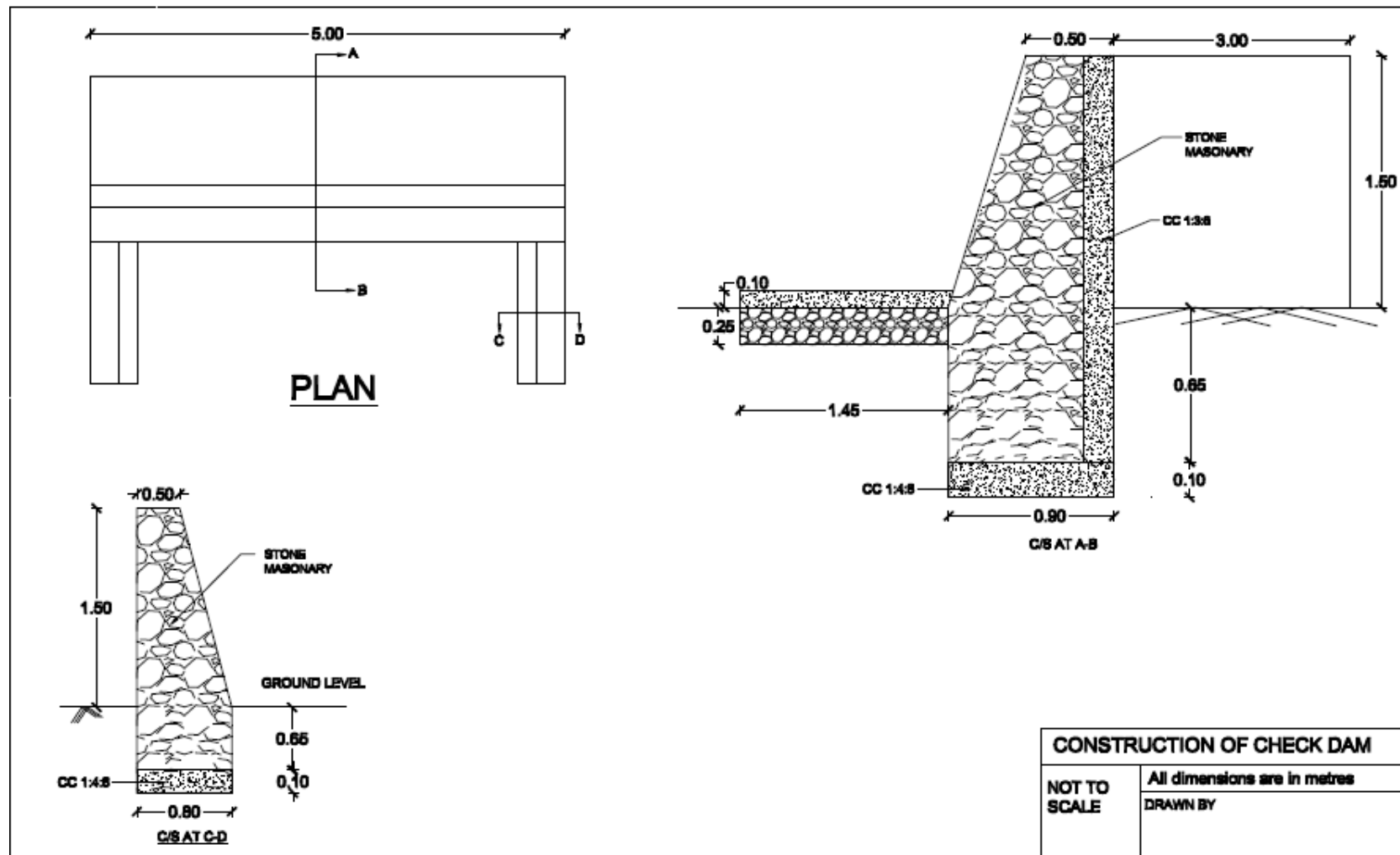
$$@ \text{Rs.}93.00/\text{m}^2$$

Rs. 2447.76

TOTAL: Rs.29884.67

Say Rs.29,900.00

(Rupees Twenty nine thousand nine hundred) only.



MODEL NORMS PER HECTARE FOR AGRO – HORTICULTURE WITH CITRUS FRUIT (INTEGRATED WATERSHED**MANAGEMENT PROGRAMME)****(Rate as per PWD, SOR for R&B 2008 – 2009)**

Spacing - 8m x 6.3m

Plant Density - 200 Nos.

A. Preliminary works**I. Site clearance**

3 mandays @ Rs.100/- per manday - Rs. 300.00

II. Pit digging (pit size 0.45m x 0.45m x 0.45m)200 Nos. @ Rs.5/- each - Rs.1000.00

Total - Rs.1300.00

B. First year Planting**I. Cost of planting materials**

200 Nos. @ Rs.10/- each - Rs.2000.00

II. Cost of planting 200 Nos. @ Rs. 3/- each

- Rs. 600.00

III. Weeding two times20 mandays @ Rs.100/- per manday - Rs.2000.00

Total - Rs.4600.00

C. Second year Planting**I. Refilling vacancy (10%)**

- Rs. 360.00

II. Weeding two times

20 mandays @ Rs.100/- per manday - Rs.2000.00

III Plant protection measures including cost of chemical- Rs. 340.00

Total - Rs.2700.00

Grand Total A+B+C = Rs.1300.00 + Rs.4600.00 + Rs.2700.00 = Rs.8600.00

(Rupees Eight thousand six hundred) only.

MODEL NORMS PER HECTARE FOR AFFORESTATION WITH PINE/NON-PINE (INTEGRATED WATERSHED MANAGEMENT PROGRAMME)

(Rate as per PWD, SOR for R&B 2008 – 2009)

Spacing 6m x 5.5m

Plant Density – 300 Nos.

B. Preliminary works

J. Jungle clearance etc.

5 mandays @ Rs.100/- per manday - Rs. 500.00

II. Pit digging (pit size 0.30m x 0.30m x 0.30m)

300 Nos. @ Rs.4/- each - Rs. 1200.00

Total - Rs. 1700.00

B. First year Planting

I. Cost of planting materials

300 Nos. @ Rs.8/- each - Rs. 2400.00

II. Cost of planting 300 Nos. @ Rs. 2/- each

- Rs. 600.00

III. Weeding two times 20 mandays

@ Rs.100/- per manday - Rs. 2000.00

IV. Fire protection measures

5 mandays @ Rs.100/- per manday - Rs. 500.00

Total - Rs. 5500.00

C. Second year Planting

I. Vacancy refilling (10%)

- Rs. 400.00

II. Weeding two times 20 mandays

@ Rs.100/- per manday - Rs. 2000.00

III. Fire protection measures

5 mandays @ Rs.100/- per manday - Rs. 500.00

Total - Rs. 2900.00

Grand Total A+B+C = Rs.1700.00 + Rs.5500.00 + Rs.2900.00 = Rs.10100.00

(Rupees Ten thousand one hundred) only.

COST NORMS FOR LOOSE BOULDER BUNDS (IWMP)
(Rate as per PWD, SOR for R&B 2008 – 2009)

A. SPECIFICATIONS & COSTS OF LOOSE BOULDER BUNDS

Top Width = 0.4 m

Bottom Width = 1.0 m

Height = 0.9 m

Length = 10 m

1/3.11 Providing dry stone masonry walls etc....

$$10\text{m} \times \frac{0.4 + 1.0}{2} \text{m} \times 0.90 = 6.30\text{m}^3 @ \text{Rs.}1191/\text{m}^3 = \text{Rs.}7,500.00$$

Total = Rs.7,500.00

(Rupees Seven Thousand Five Hundred) only.

COST NORMS FOR HALF MOON TERRACES (IWMP)
(Rate as per PWD, SOR for R&B 2008 – 2009)

A. SPECIFICATIONS & COSTS OF BOX/HALF MOON TERRACES

Terrace Width	=	1.2 m
Terrace Height	=	1.2 m
Terrace Length	=	1.2 m
Spacing of Boxes	=	6m x 5m
No. of Box/Hectare	=	334 Nos.

1/3 (a) Earthwork in excavation etc. in ordinary soil etc.

$$334 \text{ Nos.} \times \frac{1}{2} \times 1.2 \times 1.2 \times 1.2 = 288.50\text{m}^3$$

$$@ \text{Rs.}26.00/\text{m}^3 = \text{Rs.}7,500.00$$

$$\text{Total} = \text{Rs.}7,500.00$$

(Rupees Seven Thousand Five Hundred) only.

MODEL NORMS PER HECTARE FOR IMPROVEMENT OF DEGRADED FOREST (INTEGRATED WATERSHED MANAGEMENT

PROGRAMME)

(Rate as per PWD, SOR for R&B 2008 – 2009)

C.	<u>Preliminary works</u>		
K.	Site clearance		
	3 mandays @ Rs.100/- per manday	-	Rs. 300.00
II.	Pit digging (pit size 0.30m x 0.30m x 0.30m)		
	100 Nos. @ Rs.4/- each	-	<u>Rs. 400.00</u>
	Total	-	Rs. 700.00
B.	<u>First year Planting</u>		
I.	Cost of planting materials		
	100 Nos. @ Rs.8/- each	-	Rs. 800.00
II.	Cost of planting 100 Nos. @ Rs. 2/- each	-	Rs. 200.00
III.	Round Weeding around the plant four times		
	5 mandays @ Rs.100/- per manday	-	Rs. 500.00
IV.	Fire protection measures		
	4 mandays @ Rs.100/- per manday	-	<u>Rs. 400.00</u>
	Total	-	Rs.1900.00
C.	<u>Second year Planting</u>		
I.	Refilling vacancy (10%)	-	Rs. 100.00
III.	Round Weeding around the plant four times		
	5 mandays @ Rs.100/- per manday	-	Rs. 500.00
III.	Fire protection measures		
	4 mandays @ Rs.100/- per manday	-	<u>Rs. 400.00</u>
	Total	-	Rs.1000.00
Grand Total A+B+C = Rs.700.00 + Rs.1900.00 + Rs.1000.00 =			Rs.3600.00

(Rupees Three thousand six hundred) only.

ANNEXURE IV

PHOTOS



Resource Map of Umsaw Maskon



PRA exercise at Tyllap Community Hall



PRA exercise at Tyllap Community Hall



Chairman Sonai Watershed during the Awareness Programme held at Tyllap Community Hall



Smt.I Dohling, WDT member - delivering the concept of Self Help Groups at the Awareness Programme held at Tyllap Community Hall

S



Sub Divisional officer, Sohra delivering a speech at the Awareness Programme held at Tyllap community Hall



Shri.H.Lapang, SCD (Jr) during the Awareness Programme held at Tyllap Community Hall