

# **DETAILED PROJECT REPORT OF WDC-PMKSY 2.0**

## GOLAGHATI - I / 2021-22 (DOIGRUNG)

	-	Bholaguri MWS 3B3A3f9i	
Micro Watershed & Micro	-	Doigrung MWS 3B3A3f9ii	
Watershed Code No.	-	Gorangajan MWS 3B3A3f9iii	
	-	Ponkial MWS 3B3A3f9iv	
WDC-PMKSY Project	_	GOLAGHAT – I / 2021-22	
		(DOIGRUNG)	
Block	-	Morongi, Central Dev. Kothalguri	
District	-	Golaghat	
		Divisional Soil Conservation Officer,	
Name of PIA	-	Golaghat Soil Conservation Division,	
		Golaghat, Assam	

	1967 1967 1967 1967 1967 1967 1967 1967
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DEM	ç
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Satellite map	ç
Intervention map	ç

# Executive Summary of DPR of Golaghat-I (Doigrung) WDC-PMKSY 2.0/2021-22 in Golaghat District, Assam

#### A. Executive Summary:

The Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) has been designed to address two main issues namely- sustainable rural economy and preservation of environmental assets through development and sustainable extraction of their benefits, in a comprehensive and holistic manner. The endeavor ends at proactive people's participation through productive activities generating rural employment and agricultural productivity which ultimately leads to food security and all-round improvement of rural livelihood. The other issue of extreme relevance is the emerging threats of depleting fresh water resources, depleting ground water resources and global climate change which are aimed to be addressed through implementation of the Pradhan Mantri Krishi Sinchayee Yojana a watershed-based project.

#### 1. Brief about area:

The project area is located in Morongi Block, Golaghat District of Assam state. The total project area of the watershed is about 5533.00 Ha, of which 4386.00 Ha has been undertaken to be treated under Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) starting year 2021-22. The watershed includes twenty seven no of Villages namely 1.MithamChapori, 2.No.3 Doigrung, 3.Gorongajan Pt.I (Bagan) 4.Jathipotia, 5.MiriPathar, 6.SararGaon, 7.Chesamukh, 8.No.2 Koiborto, 9.Halmira Mohkhuti Gaon, 10.Halwa Gaon, 11.No.2 Doigrang, 12.Prajabasti, 13.Kenduguri 14.Panikora 15.GorongajanPt.II (Garden) 16.No.3 Koiborto 17.KochariGaon 18.Dhansiripar Gaon 19. Ponkial 20. Halmira Grant Gaon 21. Dholagaon 22. Bholaguri Gaon 23. Na Pamua Gaon 24.Kohorapar 25.No.1 Doigrang 26.Telia Gaon 27.Kordoiguri are primary inhabitants of the village. The livelihood of these people is primarily based on rainfed agriculture, animal husbandry and wage labour. The Golaghat-I (Doigrung) WDC-PMKSY Project area faces flood and seasonal water logging which frequently inundate vicinity of the watershed area. This has resulted in low Productivity of Agriculture Land in comparison to other villages of nearby block. The Doigrung watershed is endowed with high intensity rainfall, the average rainfall of the five preceding years being 2942 mm. It causes severe flood during rainy season because of heavy rainfall in the catchments, sudden change in gradient from steeper slope to the flat slope, deforestation, higher river bed, inadequate carrying capacity of stream and breach of embankments in the lower portion causing heavy soil erosion and siltation. The Channel capacity of the streams has been adversely affected by the vigorous silting cause by the sediment laden runoff from the agricultural fields.

The agricultural productivity of the area is adversely affected by the flood and the seasonal waterlog. The inhabitants who are mostly dependent on agriculture watershed development works subjected to the mitigation of flood, measures for productivity enhancements and generation of alternative livelihoods will alleviate the poverty that exists in the villages in the Watershed area.

#### 2. Institutional arrangement:

The Department of Soil Conservation, Government of Assam is the Nodal Department for implementing the Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) in the State of Assam.

#### State Level:

At state level there is the State level Nodal Agency (SLNA), a society registered under the Societies Act 1860, constituted as per guidelines and directives prescribed by the Government of India, with the Additional Chief Secretary to the Government of Assam in the Soil Conservation Department as Chairman. The Governing Council is the Apex body. The Joint Secretary of the Department of Soil Conservation is the Chief Executive Officer (CEO) of the SLNA. The SLNA is helped by a multidisciplinary team of professional experts in the field of Administration, Finance, Technical such as Agricultural, Watershed arrangement, GIS, Information Technology, as well as Data entry operator and other office staff.

#### **District Level:**

At District Level the District Watershed Development Unit (DWDU)/ Watershed Cell cum Data Center (WCDC) is constituted with the Deputy Commissioner while the Divisional Soil Conservation Officer, Golaghat Soil Conservation Division, is the Project Manager of the WLDC and all the District heads of different Development Departments are members of the WCDC.

#### Project Level:

At Project Level the Divisional Soil Conservation Officer, Soil Conservation Golaghat Division has been nominated as the Project Implementing Agency (PIA) to implement the Pradhan Mantri Krishi Sinchayee Yojana (PMKSY). The PIA is assisted by the Watershed Development Team (WDT) constituted as per guidelines prescribed by the Government of India.

#### Village Level/Micro watershed Level:

At micro watershed level Watershed Committees are formed as per guidelines prescribed by the Government of India comprising members from the representatives of Users Groups, Self Help Groups, Panchayati Raj Institutions (PRI) of the Project area, land less and women communities.

#### 3. Salient Project Activities:

Agricultural growth continues to be viewed as a key to poverty alleviation. The aims and objectives of the interventions proposed in the detailed Project Report are on improving livelihoods of all communities living in the Project area with special focus on the poor people that is small, marginal and land less including women. Both social and technological interventions are proposed to be carried out with full participation of the people.

#### Entry Point Activities:

The activities under EPA are identified as per common guidelines in the PRA activities and approved in the Gram Sabhas. Activities relating to soil and water conservation are given preference. Infrastructure related activities are avoided as far as practicable.

#### a) Work Phase:

The salient project activities proposed as identified during PRA exercise and approved by Gram Sabha and as desired by the village communities in the project areas are-The interventions proposed in the project area are to restore the health of the catchment area by reducing the volume and velocity of surface runoff, including creation of vegetative cover in common land like afforestation and horticulture plantation, other plantation crops, field bunds, ring bunds etc.

- i. Drainage line treatment with a combination of vegetative and Engineering Structures like Check dams, R.C.C. Drop Spill ways etc
- ii. Development of Water harvesting structures such as, Farm ponds, Community tanks, water harvesting structure etc.
- iii. Land development including soil and moisture conservation and drainage management measures like Check dams, Spillways, field bund, drainage channel, water distribution channel, including plantation in these bunds as well as in the banks of the Farm ponds.
- iv. Nursery raising for fodder, fuel, timber and horticultural species. As far as possible local species are given priority.
- v. Crop demonstration for popularizing new crops /verities, water saving technologies and innovative management practices.
- vi. Measures for improving moisture regime including supplementary irrigation from the surface storage tanks, dams etc
- vii. Pasture development, bee keeping, back yard poultry, Goatary, Dairy, Duckery, Pisciculture etc
- viii.Micro enterprises like Wood craft, Bicycle repairing, Rice processing, Sira

processing, Carpentry, Handloom and weaving, Fruit processing, etc.

- ix. Fisheries development in community ponds as well as in private ponds/tanks, farm ponds etc.
- x. Veterinary services like livestock improvement measures including Veterinary camps artificial insemination etc.

#### 4. Physical target and financial outlay:

The details of physical target and financial outlay are under chapter-5, 6, 7 and 8.

#### 5. Treatment area and details:

The details of treatment area is in Table 1.1 and 2.2

#### 6. Fact sheet about bench mark indicator and action plan at a glance:

The bench mark indicator is in chapter-9 and action plan in chapter-5, 6, 7 and 8.

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INTRODUCTION AND BACKGROUND									
(I) INTRODUCTION									
: Assam									
: Golaghat									
: Morongii									
:GOLAGHAT – I/2021-22 (DOIGRUNG)									
: 2021-22									
: From 2021-22 to 2025-26									

 Map of the project area showing village boundaries, contours and drainage and others(Page 85 to 92)

#### **Background Note of the District of Golaghat**

The Golaghat District in which the Golaghat-I (Doigrung) WDC-PMKSY 2021-22 falls in the South east corner of the state and on the Lower side of the river Brahmaputra under jurisdiction of the Golaghat district. The Golaghat district is a plain district of Assam. The soil of Golaghat district moistly of two types inceptisol (Old alluvial) and Entisol (recent alluvial).

#### Climate and Soil -

The Golaghat district extends from 26031' N 89042/ E longitudes and 930 58' E latitudes. The district has a sub- tropical humid type of climate, with the relative humidity varying from 93% to 95% during the morning hours and from 53% to 75 % during the afternoons. The climate of the place can be divided into three main seasons- summer , monsoon and winter. The average annual rainfall is 1512.38 mm out of which 75% is received during monsoon months (June to September). The monsoon months are wet and winter is dry. Both pre and post monsoon months have unpredicted and erratic rainfall. The mean maximum and minimum temperature varies from 33 to 38 C and 9 to 10 C, respectively. The average radiation is the highest during March – April, while overcast sky reduces the solar radiation to the least during July.

The soil of Golaghat district moistly of two types inceptisol (Old alluvial) and Entisol (recent alluvial). The texture of surface soil ranges from Fine loamy, coarse silty and fine soil. 58% of total are categorized under fine loamy soil under Incept sol.

The most typical characteristic of the soil of the district is its acidity. The major part of the soils of Golaghat district is acidic in nature. The organic matter content of soil is medium to high. The available N is medium and available P and K is low to medium.

#### Agricultural scenario:-

Agriculture is the main occupation in the district and contributes a major parts of district economy which however is a subsistence type. Sali (winter) paddy is the main crop in the district under rainfed condition Jute, banana, potato, vegetables, pineapple, turmeric, ginger etc. are also important crops. The district is surplus in production of oilseeds, fruits and spices while it is measurably deficit in pulses, milk, meat, egg and fish production. There are tremendous scope for horticultural crops, plantation crops, animal husbandry and sericulture in the district.

#### <u>Soil-</u>

The two orders of soils are found in the district namely (i) Entisols (recent alluvium), (ii) Inceptisols (old alluvium). The soil of zone is mostly acidic nature and PH increases near the river track. The organic carbon and available Nitrogen of the soil mostly varies from medium to high, low in available P2O5 and medium in K2 O status). Mild micronutrient deficiency specially of Boron has been observed in some areas throughout the district. However, in general, soil of the district is acidic in reaction. Soil of major areas are mildly acidic (5.5-6.5 PH), while soil in high land old alluvial is severely acidic. There is a problem of riverbank erosion in the riverine tracts, especially during flood season.

#### Climatic condition of the area:

The climate is sub-tropical in nature with warm and humid summer followed by dry and cool winter. The average annual rainfall is about 1512.38 mm per annum of which 75% is received during monsoon month (June to September). The monsoon months are wet and winter is dry. Both pre and post monsoon months have unpredicted and erratic rainfall. The mean maximum and minimum temperature varies from 33 to 380 C and 9 to 100C, respectively. The average radiation is the highest during March – April, while overcast sky reduces the solar radiation to the least during July. The climatic season is classified as follows.

(a) Winter

(b) pre-monsoon,

- (c) (c) monsoon and
- (d) (d) retreating monsoon

#### WINTER:

The winter covers the months of December, January and February. In this season, fair weather prevails occasionally associated with fogs and haze. December and January are the driest months and January is the coldest. The minimum temperature ranges between 8 C and 10 C and the maximum between 27 C and 29 C. The average rainfall in the season is 20 cm.

#### PRE-MONSOON:

The months of March, April and May constitute the pre-monsoon season. From March the land surface gets steadily heated and the temperature starts rising. Strong convection develops due to the local depressions formed especially in the afternoon. The nor 'westers locally called Bordoichilla appears during the period. Rainfall ranges

between 59 and 160 cm and maximum temperature ranges between 28 C and 32 C. This season is, in fact, a transitional phase between the dry cool winter and the warm moist monsoon.

#### MONSOON:

With the onset of monsoon in early June, heavy rainfall occurs. Widespread low clouds and high humidity together maintain almost uniform temperature over the area. The maximum temperature ranges between 33 C and 37 C. The average annual rainfall during the period is 300 cm. The occurrence of thunderstorms is the most conspicuous characteristics of the monsoon weather. This is the season of dominant agricultural operation in the area.

#### **RETREATING MONSOON:**

The monsoon withdraws from the area in the last week of September or first week of October. The geographic low is replaced by high pressure and a flat pressure gradient occurs. Rainfall decreases abruptly and the sky becomes progressively clear. Sunny days prevail till the end of November. The CWB climate thus has a profound influence on the economy and life of the people of the area. It is most suitable for the cultivation of a variety of grain and horticultural crops.

#### Rainfall data analysis for the area: <u>GROUND WATER POTENTIALITY: -</u>

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

# (II) PROFILE OF THE WATERSHED PROJECT

#### Table No.1.1 Project at a glance:-

1	Name of the State		Assam					
2	Name of the project		GOLAGHAT – I/2021-22 (DOIGRUNG)					
3	Name of the District			Golag	hat			
	Nar			Mana				
4	inan			IVIOIOI	igi			
5	Nan Pan	nes of Gram chayats	1. Bholaghuri 2. Doigr	ung 3. Gara	ngajan 4. Ponkial			
		MWS	Name	Census Code	Block Name	GP Name		
			MithamChapori	1975700	Morongi	Ponka		
			Jathipotia	1975800	Morongi	Ponka		
			Halwa Gaon	1977000	Morongi	Doigrang		
		Dojarupa	Kenduguri	1977100	Morongi	Doigrang		
		Doigrang	No.1 Doigrang	1976100	Morongi	Letekujan		
			No.3 Doigrang	1976900	Morongi	Letekujan		
			Miri Pathar	1977900	Morongi	Doigrang		
			No.2 Doigrang	1976200	Morongi	Letekujan		
	illages covered	Bholaguri	Bholaguri Gaon	1974000	Central dev.Kothalguri	Sensowa		
			Halmira Grant Gaon	1974300	Central dev.Kothalguri	Sensowa		
			Na-Pamua Gaon	1973900	Central dev.Kothalguri	Sensowa		
0	e of V		Halmira Mohkhuti Gaon	1973800	Central dev.Kothalguri	Sensowa		
0	s Cod		Dhansiripar Gaon	1973700	Central dev.Kothalguri	Sensowa		
	ทรเ		Chesamukh	1977400	Morongi	Morongi		
	Cer		Ponkial	1977800	Morongi	Doigrang		
	80	Ponkial	Dholagaon	1977700	Morongi	Morongi		
	nes		Kohorapar	1977300	Morongi	Doigrang		
	Var		Kordoiguri	1977200	Morongi	Doigrang		
	_		No.2 Koiborto	1979600	Morongi	Morongi		
			Panikora	1977600	Morongi	Morongi		
			No.3 Koiborto	1977500	Morongi	Morongi		
			Kochari Gaon	1979500	Morongi	Morongi		
			Telia Gaon	1979700	Morongi	Morongi		
		Gorongajan	GorongajanPt.I (Bagan)	1979900	Morongi	Rongajan		
			Sarar Gaon	1979800	Morongi	Morongi		
			Prajabasti	1980900	Morongi	Rongajan		
			GorongajanPt.II (Garden)	1980000	Morongi	Rongajan		
			10					

		1. Upliftment of Socio-Economic condition of the
		rural poor.
		2. Increase of Agricultural area as well as
7	Four major reasons for	Production.
'	selection of watershed	3. Generation of employment opportunities to the
		rural people.
		4. Conservation and Proper utilization of Natural
		Resources.
	Name, Address, Phone	Divisional Officer, Golaghat Soil Conservation
8	No. and Registration	Division, Golaghat, Assam
	No.of the PIA(s)	(9085757345/9854450561)
	Date of approval of	
9	Watershed Development	
	Plan by the DPC	
10	Area of the Project (ha.)	5533.00
11	Area proposed to be	1396.00
	treated (ha.)	4300.00
12	Financial year of sanction	2021-22
13	Project duration	5 years
14	Project Cost (Rs. in	064.02
14	Lakhs)	904.92
15	Date of sanction by the	
15	State Authority	
	Date of release of 1 <sup>st</sup>	
16	installment of Central	
10	Assistance (to be filled up	
	by DoLR)	
17	Any other (please specify)	-
Sou	rce : From Field Survey	1

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#### Table No.1.2: Need and Scope for Watershed Development

A write up elaborating the weight age table for selection of the watershed (Weight age for selection of Watershed as per DoLR's instructions already issued)

	Nama of the	Type of project	of Weightage under the criteria#													
	project		/ t/ i s)	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	xiii	Total
Gol (Do PM	aghat-l/ igrung) WDC- KSY:2021-22	Other	s 10	3	5	5	2	0	15	7.5	5	10	10	10	-	82.50
Sour As n	Source : From Field Survey															
SI. No	Criteria		Max Scor	•					Ra	nges	and	Scoi	res			
i	Poverty index(% poor to populati	6of on)	10	A	bove	80%	6 (10	))	80 to (7.5)	50 %		50 t	o 20 9	% (5)	B 20	elow 0% (2.5)
ii	% of SC/ST population		10	M (1	lore t 0)	han	40%	5	20 to 40 % (5)		Less than 20% (3)					
iii	Actual wages		5	A a lo m (t	Actual wages are significantly lower than minimum wages (5)			/ :S	Actual wages are equal to or higher than minimum wages (0)							
iv	% of small and marginal farmer	S	10	N (1	More than 80% (10)		)	50 to 80% (5)		5)	Less than 50 (3)					
v	v Ground water status		15	C (1	ver e 5)	explo	ited		Critical (10)			Sub critical (5)		S	afe (0)	
vi	vi Moisture index/ DPAP/DDP Block		10	-6 (1	-66.7 & below (10) DDP Block		ĸ	-33.3 to -66.6 (5) DPAP Block		.6	Non DPAP/DDP Block					
vii	Area under assured irrigation		15	L (1	ess t I5)	han '	10%		10 to	20% (	10)	20 t	o 30%	6 (5)	A 3( (F	bove 0% Reject)
viii	Drinking water		10	N	No source (10)			Problematic village (7.5)		;	Partially covered (5)		F co (0	ully overed ))		
ix	Degraded land		15	H 2	High – above 20% (15)			Mediu to 20	ım – 1 % (10)	0	Low 10 % (5)	/ – les % of T	s thar GA	ו		
x	Productivity pote of the land	ential	10	L p w p b e re	ands roduc here roduc e sig nhan easor	with ction ctivity nifica ced nable	low & / car antly with	n	Land mode produ where produ can b enhar	with rate ction & ctivity e nced w	& <i>i</i> ith	Lan proc whe proc be r enh reas	ds wit ductio re ductiv nargir ancec sonab	h higl n & ity car nally I with le	1	

	XT  X   XT  X   X	the the local data the	the los the los the the the the the the the the the	la la lla lla lla lla lla lla lla lla l		
ſ			efforts (10)	reasonable	efforts (0)	
					0.10110 (0)	
				efforts (5)		
			•			

SI. No.	Criteria	Max Score	Ranges and Scores				
xi	Contiguity to another watershed that has already been developed/treated	10	Contiguous to previously treated watershed & contiguity within the micro watersheds in the project (10)	Contiguity with in the micro watersheds in the project but non contiguous to previously treated watershed (5)	Neither contiguous to previously treated watershed nor contiguity within the micro watersheds in the project (0)		
xii	Cluster approach in the plains (more than one contiguous micro- watersheds in the project)	15	Above 6 micro- watersheds in cluster (15)	4 to 6 micro watersheds in cluster (10)	2 to 4 micro watersheds in cluster (5)		
xiii	Cluster approach in the hills (More than one contiguous micro- watersheds in the project)	15	Above 5 micro- watersheds in cluster (15)	3 to 5 micro watersheds in cluster (10)	2 to 3 micro watersheds in cluster (5)		
Tota		150	150	90	41	2.5	

Name of Project	Watershed Code	SI. No.	Village to be treated	Geographical Area (Hact)	Treatable Area (Hact.)	Approval Year
		1	MithamChapori	210.00	159.84	
		2	Jathipotia	64.00	51.14	
		3	HalwaGaon	39.00	31.16	
	Doigrung	4	Kenduguri	332.00	268.14	
	3B3A3c3	5	No.1 Doigrang	136.00	105.40	
		6	No.3 Doigrang	178.00	137.79	
		7	MiriPathar	161.00	129.16	
		8	No.2 Doigrang	296.00	243.12	
		9	BholaguriGaon	508.00	357.62	
1-22	Dhalanuri	10	Halmira Grant Gaon	153.00	126.57	
202	Bholaguri	11	Na-PamuaGaon	147.00	122.17	
(SYI	30343113	12	HalmiraMohkhutiGaon	235.00	196.39	
ΔM		13	DhansiriparGaon	221.00	176.58	
5	Ponkial 3B3A3n1		Chesamukh	97.00	77.50	2021-22
IM (			Ponkial	135.00	105.51	
bun			Dholagaon	316.00	244.12	
oigr			Kohorapar	91.00	75.38	
ġ,			Kordoiguri	142.00	115.60	
ghat			No.2 Koiborto	178.00	140.99	
olaç			Panikora	200.00	157.25	
Ō			No.3 Koiborto	250.00	199.75	
			KochariGaon	153.00	125.69	
	Corongoion		TeliaGaon	191.00	152.11	
	3B3A3c2		GorongajanPt.I (Bagan)	44.00	34.09	
			SararGaon	555.00	451.35	
			Prajabasti	5.00	2.56	
			GorongajanPt.II (Garden)	496.00	399.50	
Total	1	1	1	5533.00	4386.00	

#### Table No.1.3 Watershed Information:-

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Table	; NO. 1.4. Statu		evelopment proje	et in the area.		
	Name of the		Objectives of the			Estimated
SI.		Sponsoring		Year of	Villages	
	programme		programme			number of
No	<i>,</i> .	agency	<i>,</i> .	commencement	covered	
	/scheme		/scheme			beneficiaries
		lunia e ti e re				
1	DMKSV	imgation	Har khat ka pani	APRIL 2017 TO	12 Noc	570
	FININGT	Dept.		MARCH 2021	13 1105.	570
			Employment			
2	MGNREGA	DRDA				1535
			generation,			

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

Source: Zilla Parishad & Irrigation Division, Golaghat

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

 No. No. No. No.	Project Name	د Year started	<ul> <li>A</li> <li>Name of village</li> </ul>	G No. of Micro water	o Watershed cod	Area under treatn	8 Funding source	o Nodal Agency	VId 10	Total Cost	5 Expenditure incurred start of New Gener PMKSY	τ       Expenditure incurred         start of New Gener         start of New Gener         PMKSY         τ        <
						Ni	l				 	

#### CHAPTER-2 GENERAL DESCRIPTION OF THE PROJECT AREA

#### Table No.2.1 Location:

Longitude	93°48'20" to 93°56'40"
Latitude	26°28'40" to 26°34'40"
Name of the State	Assam
Name of the District	Gologbat
Name of the District	
Name of the Sub-Division	Golagnat
Names of the Blocks	Morongi Dev. Block
Names of Gram Panchavat	s (1) Bholaghuri(2) Doigrung (3)Garangajan (
	4) Ponkial
	(1) MithamChapori,
	(2)No.3 Doigrung,
	(3)Gorongajan Pt.I (Bagan)
	(4) Jathipotia,
	(5)Miri Pathar,
	(6)Sarar Gaon,
	(7) Chesamukh
	(8)No.2 Koiborto,
	(9)Halmira Mohkhuti Gaon,
	(10)HalwaGaon,
	(11)No.2 Doigrang,
	(12) Prajabasti,
	(13)Kenduguri
Villages	(14) Panikora
	(15)Gorongajan Pt.II (Garden)
	(16)No.3 Koiborto
	(17)Kochari Gaon
	(18)DhansiriparGaon
	( <b>19)</b> Ponkial
	(20)Halmira Grant Gaon
	(21)Dholagaon
	(22)BholaguriGaon
	(23)Na-Pamua Gaon
	(24)Kohorapar
	(25)No.1 Doigrang
	(26)Telia Gaon
	(27)Kordoiguri
Approach Road	The area is approachable via NH-39

Source: From PPR

1991 1991



#### Table No.2.2 Land Details (Area in Ha):

1	2	3	4	5	6	7	8	3
SI	s of Jes	phical f the (ha)	Area )	nder tural ha)	d area )	nent s (ha)	Waste	eland
No.	Name	Geograp Area o village	Forest (ha	Land u agricul use (I	Rain-fec (ha	Perma	Cultiva ble (ha)	Non- cultiva ble
1	MithamChapori	210.00	2.66	180.00	153.00	10.00	6.84	10.50
2	Jathipotia	64.00	0.00	60.16	51.14	0.64	0.00	3.20
3	Chesamukh	97.00	0.00	91.18	77.50	0.97	0.00	4.85
4	HalwaGaon	39.00	0.00	36.66	31.16	0.39	0.00	1.95
5	Kenduguri	332.00	0.00	312.08	265.27	0.45	2.87	16.60
6	No.3 Koiborto	250.00	1.00	235.00	199.75	1.50	0.00	12.50
7	Ponkial	135.00	1.59	121.00	102.85	3.00	2.66	6.75
8	BholaguriGaon	508.00	23.83	405.00	344.25	15.00	13.37	50.80
9	No.1 Doigrang	136.00	1.00	124.00	105.40	0.80	0.00	10.20
10	No.3 Doigrang	178.00	2.00	151.00	128.35	2.21	9.44	13.35
11	MiriPathar	161.00	1.59	140.00	119.00	1.20	10.16	8.05
12	No.2 Koiborto	178.00	1.26	161.00	136.85	1.60	4.14	10.00
13	No.2 Doigrang	296.00	1.30	278.24	236.50	1.50	6.62	8.34
14	Panikora	200.00	0.20	185.00	157.25	0.63	0.00	14.17
15	KochariGaon	153.00	0.21	135.00	114.75	0.73	10.94	6.12
16	Halmira Grant Gaon	153.00	0.20	148.90	126.57	0.84	0.00	3.06
17	Na-PamuaGaon	147.00	0.00	141.90	120.62	0.61	1.55	2.94
18	TeliaGaon	191.00	0.00	169.30	143.91	0.91	8.20	12.59
19	GorongajanPt.I (Bagan)	44.00	0.00	40.10	34.09	0.89	0.00	3.01
20	SararGaon	555.00	0.60	531.00	451.35	1.20	0.00	22.20
21	HalmiraMohkhutiGaon	235.00	0.00	217.60	184.96	1.27	11.43	4.70
22	Prajabasti	5.00	0.00	3.01	2.56	0.12	0.00	1.87
23	GorongajanPt.II (Garden)	496.00	0.50	470.00	399.50	0.70	0.00	24.80
24	DhansiriparGaon	221.00	0.00	207.74	176.58	0.00	0.00	13.26
25	Dholagaon	316.00	0.00	287.20	244.12	0.36	0.00	28.44
26	Kohorapar	91.00	0.00	85.54	72.71	0.00	2.67	1.82
27	Kordoiguri	142.00	0.00	136.00	115.60	0.32	0.00	5.68
Tota		5533.00	37.94	5053.61	4295.57	47.84	90.89	301.75

Source: From PPR

2.111

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

1	2			3		
SI.	Names of villages		No. of	beneficiari	es covered	
No.	Names of Villages	MF	SF	LF	Landless	Total
	1. MithamChapori,					
	2. No.3 Doigrung,					
	3. Gorongajan Pt.I (Bagan)					
	4. Jathipotia					
	5. MiriPathar					
	6. SararGaon					
	7. Chesamukh,					
	8. No.2 Koiborto,					
	9. Halmira Mohkhuti Gaon					
	10. HalwaGaon,					
	11. No.2Doigrang					
	12. Prajabasti					
	13. Kenduguri					
1	14. Panikora	251	423	Nil	62	736
	15. Gorongajan Pt.II (Garden)					
	16. No.3 Koiborto					
	17. Kochari Gaon					
	18. DhansiriparGaon					
	19. Ponkial					
	20. Halmira Grant Gaon					
	21Dholagaon					
	22. BholaguriGaon					
	23. NaPamua Gaon					
	24. Kohorapar					
	25. No.1 Doigrang					
	26. Telia Gaon					
	27. Kordoiguri					

Source : From Field Survey

| \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 | \$11 |

TATAN TATAN

#### Table No. 2.4: Details of Agro-climatic condition:

	1	2	3	4	5		6	7	8	9	
		it	. s		Se	Maj	or soil		_	Мајо	r
		jec	gro-		age	ty	pes	#	II ir g 5 e)	crop	S
	SI. No.	Name of the Pro	Name of the Aç climatic zone co project area	Area in ha	Area in ha Names of the vi		b) Area in ha	Topography	Average rainfa mm (precedinç vears averade	a) Name	b) Area in ha
	1				MithamChapori						
	2				Jathipotia						
	3				Chesamukh						
	4				HalwaGaon						
_	5				Kenduguri						
_	6				No.3 Koiborto						
	7				Ponkial						
	8				BholaguriGaon						
H	9	$\succ$			No.1 Doigrang						
H	10	٢S			No.3 Dolgrang						
H	11	M	Ā		MirPalnar No 2 Koiborto						
-	12	<u>-</u>	Val		No.2 Rolborto	(L					
-	13 17	MD	tra		Panikora	oar					
-	15	ıg)	nde		KochariGaon	١٧ ١٧		Mode	1643		
-	16	Irun	ů.	5533	Halmira Grant Gaon	Cla	5533	rate	mm	Paddy	
-	17	oig	Brah		Na-PamuaGaon	'ial(		Slope			
-	18	I (D	er E		TeliaGaon	Iluv					
		lat-	ddr		GorongajanPt.I	A					
	19	lagh	ر		(Bagan)						
	20	Gol			SararGaon						
	21	-			HalmiraMohkhutiGao						
4	21				n						
	22				Prajabasti						
	23				GorongajanPt.II						
Ľ	_0				(Garden)						
	24				DhansiriparGaon						
	25				DhodangGaon						
	26				Kohorapar						
1	27				Kordoiguri						

Source: From PPR

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1	2	3		4	5	
			Peri	odicity		
SI. No.	Particulars	Villages	Annual	Any other	Not affected	
				specify)		
	Flood	No. of villages - 4				
1		Na-PamuaGaon,			Others are	
		Dhodang Gaon,	Occasionally			
		Kohorapar, Kordoiguri			not anected	
		No. of villages - 4				
2	Drought	Chesamukh , Kenduguri, Halwa Gaon, Jathipotia	Occasionally		Others are not affected	

Source: From field

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

1	2	3	4	5
Causa	Type of	Area affected (ba)	Run off	Average soil loss
Cause	erosion	Area anected (na)	(mm/ year)	(Tonnes/ ha/ year)
Water erosion		·		
а	Sheet	3070.20		0.009 Tonnes/ ha/
	(70%)	3070.20		year
b	Rill (7%)	307.02	556	
C				(50 Tonnes/year from
	Gully (5%)	219.30		the entire Project
				Area)
Sub-Total		3596.52		50
Wind erosion		Nil	NA	-
Total		3596.52	556	50

Source: From field

#### Table No. 2.7: Details of Soil pH:

1	2	3	4	5
SL. No.	Names of the villages	Sample No.	Soil pH	Soil Type
1	MithamChapori	1	5.50 to 6.00	Alluvial(Clay Loam)
2	Jathipotia	2	5.50 to 6.00	Alluvial(Clay Loam)
3	Chesamukh	3	5.50 to 6.00	Alluvial(Clay Loam)
4	HalwaGaon	4	5.50 to 6.00	Alluvial(Clay Loam)
5	Kenduguri	5	5.50 to 6.00	Alluvial(Clay Loam)
6	No.3 Koiborto	6	5.50 to 6.00	Alluvial(Clay Loam)
7	Ponkial	7	5.50 to 6.00	Alluvial(Clay Loam)
8	BholaguriGaon	8	5.50 to 6.00	Alluvial(Clay Loam)
9	No.1 Doigrang	9	5.50 to 6.00	Alluvial(Clay Loam)
10	No.3 Doigrang	10	5.50 to 6.00	Alluvial(Clay Loam)
11	MiriPathar	11	5.50 to 6.00	Alluvial(Clay Loam)
12	No.2 Koiborto	12	5.50 to 6.00	Alluvial(Clay Loam)
13	No.2 Doigrang	13	5.50 to 6.00	Alluvial(Clay Loam)
14	Panikora	14	5.50 to 6.00	Alluvial(Clay Loam)
15	KochariGaon	15	5.50 to 6.00	Alluvial(Clay Loam)
16	Halmira Grant Gaon	16	5.50 to 6.00	Alluvial(Clay Loam)
17	Na-PamuaGaon	17	5.50 to 6.00	Alluvial(Clay Loam)
18	TeliaGaon	18	5.50 to 6.00	Alluvial(Clay Loam)
19	GorongajanPt.I (Bagan)	19	5.50 to 6.00	Alluvial(Clay Loam)
20	SararGaon	20	5.50 to 6.00	Alluvial(Clay Loam)
21	HalmiraMohkhutiGaon	21	5.50 to 6.00	Alluvial(Clay Loam)
22	Prajabasti	22	5.50 to 6.00	Alluvial(Clay Loam)
23	GorongajanPt.II (Garden)	23	5.50 to 6.00	Alluvial(Clay Loam)
24	DhansiriparGaon	24	5.50 to 6.00	Alluvial(Clay Loam)
25	DhodangGaon	25	5.50 to 6.00	Alluvial(Clay Loam)
26	Kohorapar	26	5.50 to 6.00	Alluvial(Clay Loam)
27	Kordoiguri	27	5.50 to 6.00	Alluvial(Clay Loam)

Source: District Agriculture Office, Golaghat

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#### Table No. 2.7.1 Climatic Condition:

ſ			> -	>		o(°C)		_		
	SI. No	Year	Average Monthly Rain fall(in mm)	Average Annual rainfall(in mm) preceding 5 year	Max	Min	Wind Velocity	Open pan evaporation (mn per day)	Relative Humidity(RH)	Average Annual run off(mm/year
	1	2017	166.25	1995.00	37,00	9.00	5 to 11 km/hr	51.00	73%	598.00
	2	2018	143.92	1727.00	38,00	13.00	5 to 11 km/hr	52.00	74%	518.00
	3	2019	140.25	1683.00	38,00	12.00	5 to 11 km/hr	51.00	72%	505.00
	4	2020	147.67	1772.00	33,00	13.00	5 to 11 km/hr	49.00	74%	532.00
	5	2021	147.25	1767.00	32.00	12.00	5 to 11 km/hr	52.00	73%	530.00
	Avera	ge	149.07	1788.80	35.00	12.00	5 to 11 km/hr	50.00	75%	536.60

Source: Water Resource, Golaghat

#### Table No.-2.8 Physiographic Features:

Elevation(MSL)	Slope Range(%)	Order of Watershed	Major Stream	Top sequence (Soil series)	Average annual soil loss(Ton / hectare/year)
100.00m	2 to 5	-	Doigrung	Clay loam	0.009

Source: From field

#### Table No. 2.9 Watershed characteristics

	Shape index of the watershed	Length of main stream	Drainage density	Average slope	Watershed relief	Perimeter of the watershed
	Rectangular	Doigrung River a. Total length=87km b. Within project=17km	0.30	0.55%	plain	28457.00RM
Sc	urce: From field	•	•	•	•	

ource:

#### CHAPTER – 3 BASE LINE INFORMATION OF WATERSHED

#### Table No. 3.1: Demographic Feature:

1	2	3	4	5
SI. No	Feature	Male	Female	Total
	Population	13407	13395	26802
	SC	648	633	1281
1	ST	292	301	593
	BC	1856	1881	3737
	Others	10611	10580	21191
2	Children(0-14 years)	2027	1996	4023
3	Sex Ratio	-	-	1000:999
	Literacy	69.43%	58.42%	63.93%
4	Literates	9308	7826	17134
	Illiterates	4099	5569	9668
	Work Force	7210	3764	10974
5	Agriculture	6140	3652	9792
5	Industrial/Business	783	105	888
	Service	287	7	294
6	Birth Rate	22:1000	20:1000	21:1000
7	Death Rate	6.4:1000	6.2:1000	6.3:1000

Source: From field

#### Table No. 3.2: Live Stock Details:

1	2	3
SI. No	Feature	No./ quantity)
	Milch Animals	
1	Cows	5408
•	Buffaloes	161
	Goat, sheep	5081
	Draft Animals	
2	Ox	5730
	He Buffalo	69
	Others	
3	Poultry	14430
Ŭ	Piggery	59387
4	Total Milk production from milch animals (ltrs/day)	10816
5	Fodder Availability	
	Dry (Abundant/Sufficient/ Scarce)	Sufficient
6	Green (Abundant/Sufficient/ Scarce)	Scarce
	Fuel wood Availability (Abundant/Sufficient/Scarce)	Scarce

Source: From field

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SAN INTIN'NY INTIN'	: I A I SA BARANA I SA BARANA I SA BARANA I S

Table No.3.3: Socio- economic status:

1	2	3	4			5						6	
SI		Total	No. of		L	and Holdi	ng (Ha)				Annual Gros	s Income (Rs	.)
No	Туре	HHe	BPL		Rain feo	l		Irrigat	ed	50	ST	Others	Total
NO		1115	HHs	SC	ST	Others	SC	ST	Others		51	Others	Total
1	Marginal	2226	1945	108.85	58.99	2058.20				60,000.00	58,000.00	60,000.00	178,000.00
2	Small Farmers	3050	305	303.78	161.65	1143.60				110,000.00	110,000.00	120,000.00	340,000.00
3	Big farmers	25		10.00	9.00	532.00				500.000.00	500,000.00	600,000.00	1600,000.00
4	Landless	62	62										
Tota	al	5730	2312	422.63	229.64	3733.80				670,000.00	668,000.00	780,000.00	1957,000.00

Source: From field

#### Table No. 3.4: Migration Details:

1		2		3	4	5	6	7	
SI.	No.	of per nigrati	rsons ng	No. of days per	Major reason(s) for migrating	Distance of destination of	Occupation during	Income from such	
No.	м	F	Total	migration	major reason(s) for migrating	migration from the village (km)	migration	occupation (Rs.)	
1	260	Nil	260	110	To get regular wages etc. during lean period of the year and after completing of cultivation practice and get subsidiary income for up liftmen of the family member.	10-12 km	Daily wage	6000-8000	

Source: From field.

Table No. 3.5: Details of Community Based Organization Existing in the Watershed Village:

1	2		3				4				5			6			7			8			9
61			Total no. c	of CBOs	6	No. o	f mei	mber	S	No eac	o. of h ca	ST in tegory	No. of SC in each category		No. of Others in each category		Others ch ory	No. of BPL in each category		BPL in tegory	Bank linkage		
No.	Type of Group	With only Men	With only Women	With both	Total		м	F	Total	М	F	Total	М	F	Total	М	F	Total	Μ	F	Total	No. of SHGs	Bank Loan Amount (Rs.)
						(i) Landless	11	24	35	4	8	12	4	8	12				11	24	35	-	nil
		_	-	•	45	(ii) MF	40	40	80	11	13	24	11	13	24				2	4	6	-	nil
1	SHG	8	/	0	15	(iii) SF	41	63	104	16	28	44	18	31	49				13	16	29	-	nil
						(iv) LF	11	15	26	2	3	5	2	3	5					-	-	-	nil
	Total	8	7	0	15		103	142	245	33	52	85	35	55	90				26	44	70	-	nil
		Nil	Nil	Nil	Nil	(i) Landless	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
	110-					(ii) MF	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
2	UGS					(iii) SF	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
						(iv) LF	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil	nil
	Total	8	7	0	15		103	142	245	33	52	85	35	55	90				26	44	70	-	nil
3	VSS											Nil										•	
4	FG/ FC <sup>1</sup>											Nil											
5	WUA											Nil											
6	F-SHG-C											Nil											
7	F-SHG-B											Nil											
8	PG											Nil											
9	PC											Nil											
10	Other related Groups (Specify)		Nil																				

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

## Table No. 3.6: Infrastructure Facilities:

1	2	3	4	5
SI.No	Infrastructure type	No./Quantity	Distance (km)	Status (description)
	Educational Institutions			
	Anganwadi	16	In walking distance	Inallvillages
4	Primary School	16	In walking distance	Withinprojectarea
1	Secondary school	1	In walking distance	
	Govt. College	0	In walking distance	
	Vocational Institutions	Nil	In walking distance	
	Service Institutions			
	Bank	1	In walking distance	
0	Post office	1	In walking distance	
2	Primary Health Care Center	1	In walking distance	
	Veterinary Center	3	In walking distance	
	Markets/ Village Haat	3	In walking distance	
3	No. of bore wells/pump sets (Functional)	90Nos. bore wells	In walking distance	
4	No. of Milk collection centers ( Union/ Society/ Pvt. Agency/Others) Total Quantity of surplus milk	nil	In walking distance	
5	Road Connectivity (to main road by an all-weather road) (Yes/No)	yes	-	-
6	Bus facility (Yes/No)	yes	-	-
7	No. of HHs provided electricity	5444	-	-
8	No. of HHs with access to drinking water		-	-
9	Access to Agro Industries (Yes/No)	no	-	-
10	Any other facilities (specify		-	-

Source: From field

1

1 2	3	4	5	6	7	8		9	10	)	11	12	13
	cal	ea	ty	er ture	nt s	er se	Uncu priva	ltivable te land	Cultivat	ed area	Vrea	uwu u	ped
SI. No. Village	Geographi area	Forest ar	Communi land	Land und non agricul use	Permanel Pasture	Land und micsc. Us	Temporar y fallow	Permanen t fallow	Cultivated Rainfed	Cultivate Irrigated	Net Sown A	Net area sc more tha once	Gross crop area
1 MithamChapori	210.00	2.66	2.00	30.00	10.00	0.50	6.84	10.50	153.00	27.00	180.00	32.00	212.00
2 Jathipotia	64.00	0.00	1.00	3.84	0.64	0.50	0.00	3.20	51.14	9.02	60.16	10.00	70.16
3 Chesamukh	97.00	0.00	1.00	5.82	0.97	0.50	0.00	4.85	77.50	13.68	91.18	16.00	107.18
4 HalwaGaon	39.00	0.00	0.50	2.34	0.39	0.50	0.00	1.95	31.16	5.50	36.66	7.00	43.66
5 Kenduguri	332.00	0.00	2.00	19.92	0.45	0.50	2.87	16.60	265.27	46.81	312.08	57.00	369.08
6 No.3 Koiborto	250.00	1.00	1.00	15.00	1.50	0.50	0.00	12.50	199.75	35.25	235.00	46.00	281.00
7 Ponkial	135.00	1.59	1.00	14.00	3.00	0.50	2.66	6.75	102.85	18.15	121.00	23.00	144.00
8 BholaguriGaon	508.00	23.83	4.00	103.00	15.00	1.00	13.37	50.80	344.25	60.75	405.00	70.00	475.00
9 No.1 Doigrang	136.00	1.00	1.00	12.00	0.80	0.50	0.00	10.20	105.40	18.60	124.00	22.00	146.00
10 No.3 Doigrang	178.00	2.00	2.00	27.00	2.21	0.50	9.44	13.35	128.35	22.65	151.00	31.00	182.00
11 MiriPathar	161.00	1.59	1.00	21.00	1.20	0.50	10.16	8.05	119.00	21.00	140.00	28.00	168.00
12 No.2 Koiborto	178.00	1.26	1.00	17.00	1.60	0.50	4.14	10.00	136.85	24.15	161.00	31.00	192.00
13 No.2 Doigrang	296.00	1.30	1.00	17.76	1.50	0.50	6.62	8.34	236.50	41.74	278.24	49.00	327.24
14 Panikora	200.00	0.20	1.00	15.00	0.63	0.50	0.00	14.17	157.25	27.75	185.00	33.00	218.00
15 KochariGaon	153.00	0.21	1.00	18.00	0.73	0.50	10.94	6.12	114.75	20.25	135.00	27.00	162.00
16 Halmira Grant Gaon	153.00	0.20	1.00	4.10	0.84	0.50	0.00	3.06	126.57	22.33	148.90	28.00	176.90
17 Na-PamuaGaon	147.00	0.00	1.00	5.10	0.61	0.50	1.55	2.94	120.62	21.28	141.90	25.00	166.90
18 TeliaGaon	191.00	0.00	2.00	21.70	0.91	0.50	8.20	12.59	143.91	25.39	169.30	32.00	201.30
19 GorongajanPt.I (Bagan)	44.00	0.00	0.50	3.90	0.89	0.50	0.00	3.01	34.09	6.01	40.10	9.00	49.10
20 SararGaon	555.00	0.60	1.00	24.00	1.20	1.00	0.00	22.20	451.35	79.65	531.00	94.00	625.00
21 HalmiraMohkhutiGaon	235.00	0.00	1.00	17.40	1.27	0.50	11.43	4.70	184.96	32.64	217.60	40.00	257.60
22 Prajabasti	5.00	0.00	-	1.99	0.12	0.50	0.00	1.87	2.56	0.45	3.01	0.50	3.51
23 GorongajanPt.II (Garden)	496.00	0.50	3.00	26.00	0.70	0.50	0.00	24.80	399.50	70.50	470.00	85.00	555.00
24 DhansiriparGaon	221.00	0.00	2.00	13.26	0.00	0.50	0.00	13.26	176.58	31.16	207.74	38.00	245.74
25 Dholagaon	316.00	0.00	2.00	28.80	0.36	0.50	0.00	28.44	244.12	43.08	287.20	50.00	337.20
6 Kohorapar	91.00	0.00	1.00	5.46	0.00	0.50	2.67	1.82	72.71	12.83	85.54	15.00	100.54
7 Kordoiguri	142.00	0.00	1.00	6.00	0.32	0.50	0.00	5.68	115.60	20.40	136.00	28.00	164.00
otal	5533.00	37.94	36.00	479.39	47.84	14.50	90.89	3.1.75	4295.57	758.04	5053.61	926.50	5980.1

Source: From field & Census

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# Table No. 3.8: Details of Common Property Resources: 1 2 3 4 Total Area (ha) Area available for Area owned/ In possession of Area available for

		Area o	wned/ In p	osses	sion of	Area available for treatment (ha)						
SI. No	CPR Particulars	Pvt. persons	Govt. (Specify dept.)	PRI	Any other (PI. Specify)	Pvt. persons	Govt. (Specify deptt.)	PRI	Any other (PI. Specify)			
1	Wasteland/ degraded land	392.64	-	-	-	90.89	-	-	-			
2	Pastures	Nil	47.84	-	-	-	-	-	-			
3	Orchards	nill	-	-	-	-	-	-	-			
4	Village Forest	nil	-	-	-	-	-	-	-			
5	Forest	Nil	37.94	-	-	-	-	-	-			
6	Village Ponds/ Tanks	40.00	-	-	-	1.40	-	-	-			
7	Community Buildings	1.50	-	-	-	0.30	-	-	-			
8	Weekly Markets	2.50	-	-	-	-	-	-	-			
9	Permanent markets	3.00	-	-	-	-	-	-	-			
10	Temples/ Places of worship	1.60	-	-	-	-	-	-	-			
11	Others (Pl. specify)	-	-	-	-	-	-	-	-			
Tota	al	441.24	85.78	-	-	92.59	-	-	-			

Source: From field

#### Table No. 3.9: Agriculture Implements:

1	2	3
SI.	Implements	Nos.
No		
1	Tractor	3
2	Sprayers-manual/ power	210
3	Cultivators/Harrows	nil
4	Seed drill	nil

Source: From fieldSource: From field

#### Table No. 3.10: Crop Classification:

1 SI. No	2 Crop classification	3 Area (Hact.)
1	Single crop	4127.11
2	Double crop	926.50
3	Multiple crop	100.00

# Table No. 3.11: Crops & Cropping Pattern:

1	2	3			4				5		6					
				R	ain fed				Irrigated				Total			
SI. No	Season	Crop sown	ר Area (ha) ר Production (Ton/yr)		Productivity (Kgs/ha)	Cost of cultivation (Rs. <i>I</i> ha)	Area (ha)	Production(Ton/yr)	Productivity (Kgs/ha)	Cost of cultivation (Rs. <i>I</i> ha)	Area (ha) (4+8)	Production (Ton/yr) (5+9)	Productivity (Kgs/ha) (6+10)/2	Cost of cultivation (Rs. <i>I</i> ha) (7+11)		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
1		Sugar cane	4	28.80	7200.00	7000.00	3	22.50	7500.00	9000.00	7	51.30	7350.00	8000.00		
	Kharif	Black gram	15	16.88	1125.00	8000.00	10	11.75	1175.00	8000.00	25	28.63	1150.00	8000.00		
2	Rabi	Mustard	6	36.00	6000.00	15000.00	-	-	-	-	6	36.00	6000.00	15000.00		
2		Vegetable	3	1.50	500.00	20000.00	2	1.20	600.00	20000.00	5 2.70		550.00	20000.00		
3	Summer	Summer Rice	4100 10250 250		2500.00	24000.00	-	-	-	-	4100	10250	2500.00	24000.00		
	Total	-	4128 1033.18 -		-	15 35.45				4143	10368.63	-	-			

Source: From field

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

1	2	3	4			5				6	7	,					
					Based o (mentio	n Depth (cn on area in h	ns)- a)	I	Based	on Slope (% in ha	a) (mentic	on area	(me				
		Total												Wate	er	Wind	Land
SI. No	Land type	Area (ha)	Soil Texture*	V. Shallow (0.75)	Shallow (7.5- 22.5)	Moderate deep (22.5- 45.00)	Deep (45.0- 90.0)	Very. Deep (>90)	Nearly Level (0-2)	Moderate slope (2- 6)	Strong slope (6-15)	Steep (>15)	Rill	Sheet	Gully		class
1	Valley	3320	Loamy Clay	0	0	0	0	0	0	3320	0	0	41	0	0	0	Class - II

Source: From fieldSoil texture (sandy-clay, clayey, loamy-clay, gravel)

1	2	3	4
SI.No	Type of the Source	Nos.	Command area (in ha)
1	Ponds	124	620.00
2	Open wells	Nil	Nil
3	Bore wells	671	671.00
4	Canal irrigation	Nil	Nil
5	Natural spring head	4	8.00

Source: From field

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

1	2	3	4	5	6	7	8
SI. No	Source (open well)**	Plot No of the source	Name of the Owner*	Date of recordin g	Depth of water table from ground level (in mts)	Source located at (ridge/middl e/valley)	Remarks
1	Tubewell	Mithaam Chapori	Prahlad Chetry	March 2021	7.50	Valley	
2	Tubewell	Kochari Gaon	Ajit Gayon	March 2021	8.00	Valley	
3	Tubewell	Na-Pomua	Prasanta Mazinder	March 2021	8.00	Valley	
4	Tubewell	Dhansiripar	Nivaj Gogoi	March 2021	8.00	Valley	
5	Tubewell	Miripathar	Rajen turi	March 2021	8.00	Valley	
6	Tubewell	Halwagaon	Bhupen Bora	March 2021	7.50	Valley	

\*\* Identify at least five representative open wells in the ridge/middle/valley portion. Collect the data at the time of DPR and maintain a register every Quarter (Source: From field)

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

1	2	3	4	5
SI.No	Item	Units	Quantity	Source
1	Drinking water requirement	Lit/day	5.56lakh	Pond/tubewell
2	Present availability of drinking water	Lit/day	3.23lakh	tubewell
3	No. of drinking water sources available	No	593	
a)	Functional	Nos.		
b)	Need Repairing	Nos.		
c)	Defunct	Nos.		
4	Short fall if any	Ltrs/day	2.33 lakh	
5	No. of families getting drinking water from outside the Micro watershed area	Nos.	Nil	
6	Requirement of new drinking water sources (if any)	Nos.	110 Nos.	Open well, Tubewell-Pond

Source: From field
ble No	o. 3.16: Surface wat	er resources:	, man anna a ann a an	, maa amma jama jama jama jama jama jama
1	2	3	4	5
SI.No	Type of water resource	Nos.	Area irrigated (Ha)	Storage capacity (Cum)
1	Tank			
2	Pond	124	1057.00	600000.00cum
3	Lake			
4	Check dam			
5	Percolation tank			
6	Channel/Canal			
7	Any others (specify			

Source: From field

#### Table No. 3.17 Ground Water Structures to be repaired:

SI.	Type of structure		No. availa	ble	
No		No. to be Repaired	No. to be rejuvenated	No. with no interventions required	Total
	Water Harvesting Tank	-	5	-	5
	Total	-	5	-	5

Source : From Field Survey

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

		Area (Ha	1)		
Name of the Major Crop	Under water saving devices <sup>\$</sup>	Under water conserving agronomic practices#	Any other (PI. Specify)	Total	Current water Saving status as against flood irrigation. (Cum)
		Nil			

**Source : From Field Survey**\$: Sprinklers, Drip, PVC Pipe, etc., #: Vermi compost, organic manuring, check basin, alternate furrow, Ridges and furrow & specific practices

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

1	2			3			4
eı			No	of bene	iciaries		Pro project average
SI. No.	Name of activity	SC	ST	Others	Total	Women	income per HH (Rs.)
1	Dairy	76	12	128	216	76	42000
2	Piggery	-	72	-	72	27	32000
3	Poultry	167	76	385	628	180	27000
4	Goatary	242	72	619	933	314	36000
5	Fishery	83	38	82	203	12	37000
	Total	568	270	1214	2052	2160	-

Source: From field

## Table No. 3.20: Existing functional assets (Works already completed under different

## Schemes including works undertaken by farmers independently)

1	2	3	4	5	6
SI. No	Name of the work	Plot No.	Quantity (No./RMTs)	Amount spent (Rs.)	Programme
		Ni	I		

## Table No.3.21 PROBLEM TYPOLOGY OF THE WATERSHED:

1	2	3	4
Sl.	Problemarea	Problemanalysis	Proposedinterventionstoovercomepr
No			oblems
1	Soil Conservation(slope, erosion, soil loss,rainfall,productivi ty,etc)	<ol> <li>Soil Erosion,andheavysoillossinuplandarea.</li> <li>Sheeterosioniscombativelyhighinmany places.</li> <li>unpredictablenatureofSoil</li> </ol>	<ol> <li>Constructionofgradedbundandfie ldbundtoprotectthesoilerosionandsi ltationproblems.</li> </ol>
2	Water conservation(Water budget, Groundwaternorms,pr oductivity)	<ol> <li>Degradation of Natural Resource such as congestionofnaturaldrainage,</li> <li>Lack of water storage facility results in shortage ofwaterduringwinter.</li> <li>Run-off resulting from seasonal rain conquers highvelocity due to steep slope in the watershed andtherebycausesdifferenttypesofsoil erosionhazards.</li> <li>Due to inadequate irrigation infrastructure mainlymonocroppingisdone</li> </ol>	<ol> <li>Re- generationofdrainagechannel byexcavationandreclamationactivit ies.</li> <li>Reclamation of natural water bodies (beel) byexcavatingandconstructingperip herybundetc.to Increasewaterstoragecapacity.</li> <li>creation of Farm Pond and related distributionchannelforwaterharve sting/storageandirrigation</li> <li>ConstructionofNull bundtocontrolthewater loggingproblem.</li> </ol>
3	Crop coverage – {80% of w/s area should be with canopy}	<ol> <li>Rabi crop area is proportionately small due to inadequate irrigation facilities.</li> <li>Predominance Mono cropping</li> <li>Flooding problem during summer</li> <li>Scarce vegetative cover over the area</li> </ol>	<ol> <li>Agro-forestry, fuel wood plantat</li> <li>Turmeric &amp; Banana Plantation</li> </ol>

1	2	3	4
SI. No	Problemarea	Problemanalysis	Proposedinterventionstoovercomepr oblems
	Agriculture productivity (crop wise compare with dist. average)	<b>1.</b> Low agricultural productivity due to high flood during summer, lack of irrigation facility, erratic and uncertain rainfall, low cropping intensity, lack of locally available agri-technologies to match the high ecological diversity of rainfed area etc.	<ol> <li>Brick canal and water storage farm pond for irrigation for both Rabi &amp; Kharif crop.</li> </ol>
5	Livestock productivity (Milk Yield, Meat yield, Eggs, Wool Yield, Kidding etc.)	<ol> <li>Dearth of fodder during flood period.</li> <li>Lack of protected shelter for the inhabitants during flood period</li> <li>lack of grazing land effects the production of milk and allied products, which inturn results in inadequate nutrition.</li> <li>Diseases which reduce the production potential of livestock.</li> </ol>	<ol> <li>Promotion of Marketing facilities through SHG</li> <li>Promotion of Dairy, Piggery goatery, Duckery and Poultry farming activities.</li> </ol>
6	Existing Livelihood activities for Asset less persons	<ol> <li>Less income generating unsustained activities.</li> <li>Their present occupation is Daily Labour, Rikswa Pullers etc.</li> </ol>	<ol> <li>Promotion of Dairy, Piggery, goaery, Duckery and Poultry farming activities.</li> <li>Promotion of weaving activities for asset less woman.</li> </ol>
7	Community Based Organizations & Social capital base	1. Most of the SHGs are not functional.	<ol> <li>Formation of SHG, User groups for promotion of various income generating activities</li> </ol>
8	Capacity Building(participation, training,awarenessofw atershedcommunity	1.In many villages it is observed that the Participation inGram Sabha is very low due to lack of awarenesstowardswatersheddevelop mentactivities.	<ol> <li>Conducting Awareness programmesamong thevillagers.</li> <li>Providing training in respect to each activitiesproposed for watershed development as well aslivelihoodgeneration.</li> </ol>
9	Others(specify)	1.LackofMarketingandtreadingFacilities	1. Providing Market Promotion Centres along withLowCostgo- downforstorageofvariousproducts.

|187148|18|187148|18|18|187148|18|18|18|18|1

1	2		3				4				5	5		6	3		7			8	3	9	
SI.	Type of		Total no. c	of CBOs		No. of r	nem	nbe	rs	No eac	o. of h ca	ST in tegory	No eac	o. of h ca	SC in ategory	No. c eac	of Of h cat	thers in tegory	No.	of ead ateg	BPL in ch gory	Bank linkage	
No.	Group	With only Men	With only Women	With both	Total		м	F	Total	М	F	Total	М	F	Total	м	F	Total	М	F	Total	No. of SHGs	Amount (Rs)
1	SHG					(i) Landless (ii) MF (iii) SF (iv) LF			no fillo		oph	, ofter (		utio	n of the	proio	<u>.</u>				I		
-	Total							111 K		u up	Uni	yanere	-Xec	utioi		projec	<i>.</i> .						
						(i) Landless (ii) MF	-																
2	UGs					(iii) SF (iv) LF	-																
	Total																						

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Name of	Date of Registration as a Society	No. of members in WC	Designation	News	M/F	SC	ST	SF	MF	LF	Land- less	UG	SHG	GP	Any other	Education	Function/s
WCs	(dd/mm/ yyyy)		Designation	Name					Write	"Yes	" if app	olica	ble			qualification	assigned#
			Nominee MWS	Dibyajit Doley	М		-	-	-	-	-	-	-	-	-	Civil Engineering	A,B,C,D,E,G
			Chairperson	Mrs. Mousumi Bora	F	-	-		Yes	-	-	-	-	-	-	H.S	A,B,D
			Secretary	Sri Prosanta Mozinder Boruah	М	-	-		Yes	-	-	-	-	-	Yes	B.Com	A,B,C,D,E,G
			Member	Sri Binud Rai	М	-	ST		Yes	-	-	-	-	-	-	H.S	A.E,H
Denkiel	Under		Co- Chairperson	Sri Anil Tamuly	М		-		Yes	-	-	-	-	-	Yes	H.S.L.C	A.E,H
MWS	Progress	11	Member	Sri Suren Saikia	М	-	-			-	Yes	-	-	-	Yes	Under matric	A.E,H
			Member	Sri Porag Rajbonshi	М	-	ST		Yes	-	-	-	-	-	-	H.S	A.E,H
			Member	Mrs. Dipsikha Phukon	F	-	-		Yes	-	-	-	-	-	Yes	HSSLC	A.E,H
			Member	Sri Sundeep Buragohain	М	-			Yes	-	-	-	-	-	Yes	H.S.L.C	A.E,H
			Member	Sri Bubul Saikia	М	-	-		Yes	-	-	-	-	-	-	H.S.L.C	A.E,H
			Member	Kumari Jyogi	F	-	-		Yes	-	-	-	Yes	-	-	H.S	A.E,H

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Name of	Date of Registration as a Society	No. of members in WC	Designation	Name	M/F	SC	ST	SF	MF	LF	Land- less	UG	SHG	GP	Any other	Education	Function/s
WCs	(dd/mm/ yyyy)		Deergination	hano				W	rite "۱	(es'	' if ap	plical	ble			qualification	assigned#
			Nominee MWS	Dibyajit Doley	М		-	-	-	-	-	-	-	-	-	Civil Engineering	A,B,C,D,E,G
			Chairperson	Sri Monuj Saikia	М	-	-	-	Yes	-	-	-	-	-	-	H.S	A,B,D
			Secretary	Sri Nivaj Gogoi	М	-	-	-	Yes	-	-	-	-	-	-	B.A.	A,B,C,D,E,G,
			Member	Sri Tarun Das	М	Yes	-	-	Yes	-	-	-	-	-	-	Under Matric	A.E,H
			Co- Chairperson	Mrs Sangita Saikia	F	-	-	-	Yes	-	-	-	-	-	-	H.S.	A.E,H
Bholaguri MWS	Under Progress	11	Member	Mrs Alpona Thengal Bora	F	-	Yes	-	Yes	-	-	-	-	-	-	Under Matric	A.E,H
			Member	Md. Romjan Ali	М	-	-	-	Yes	-	-	-	-	-	-	Under Matric	A.E,H
			Member	Md. Nekibuddin Ahmed	М	-	-	-	Yes	-	-	-	-	-	-	Under Matric	A.E,H
			Member	Sri Sanjib Hazorika	М	-		-	Yes	-	-	-	-	-	-	Under Matric	A.E,H
			Member	Sri Duleswar Das	М	Yes	-	-	Yes	-	-	-	-	-	-	Under Matric	A.E,H
			Member	Mrs. Mridula Saikia	F	-	-	-	Yes	-	-	-	-	-	-	H.S	A.E,H

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Name	Date of Registration	No. of	Designation	Namo	M/F	sc	ST	SF	MF	LF	Land- less	UG	SHG	GP	Any other	Education	Function/s
of WCs	(dd/mm/ yyyy)	in WC	Designation	Name				•	Wri	te "Y	es" if ap	plicab	le			qualification	assigned#
			Designation	Name	M /F	SC	ST	SF	MF	LF	Land- less	UG	SHG	GP	Any other	Education qualification	Function/s assigned#
			Nominee MWS	Dibyajit Doley	М		-	-	-	-	-	-	-	-	-	Civil Engineering	A,B,C,D,E,G
			Chairperson	Sri Raka Bordoloi	Μ		-	-	Yes	-	-	-	-	-	-	Matric	
			Secretary	Sri Ajit Gayon	М		-	-	Yes	-	-	-	-	-	-	H.S.L.C	A,B,C,D,E,G,
MWS			Co- Chairperson	Mrs.Mira Tamuly Bora	F			-	Yes	-	-	-	-	-	-	H.S.L.C	A.E,H
gajan	Under Progress	11	Member	Mrs.Upamoni Saikia	F		Yes	-	Yes	-	-	-	Yes	-	-	H.S.L.C	A.E,H
Goron			Member	Mrs Rina Saikia	F		Yes	-	Yes	-		-	-	-	-	Under Matric	A.E,H
•			Member	Sri Bipul Razwar	Μ		-	-	Yes	-	-	-	-	-	-	H.S.L.C	A.E,H
			Member	Sri Jiten Bora	М		-	-	Yes	-	-	-	-	-	-	Under Matric	A.E,H
			Member	Sri Munindra Boruah	М		-	-	Yes	-	Yes	-	-	-	-	Under Matric	A.E,H
			Member	Sri Devoprashad Saikia	М		-	-	Yes	-	-	-	-	-	-	Under Matric	A.E,H
			Member	Sri Abhijit Saikia	Μ		-	-	Yes	-	-	-	-	-	-	H.S.L.C	A.E,H

41

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4	2	2	4	E	c	7	•	0	10	44	10	10	14	45	16	47	49
-	2		4	5	0	'	0	Э	10		12	13	14	15	10	17	10
Name of	Date of Registration as a Society	No. of members in WC	Designation	Name	M/F	sc	ST	SF	MF	LF	Land- less	UG	SHG	GΡ	Any other	Education	Function/s
WCs	(dd/mm/ yyyy)							W	/rite "`	Yes	" if app	olica	ble			qualification	assigned#
			Nominee MWS	Dibyajit Doley	М		-	-	-	-	-	-	-	-	-	Civil Engineering	A,B,C,D,E,G
			Chairperson	Sri Prahlad Chetry	М		-	-	Yes	-	-	-	-	-	-	H.S	A,B,D
			Secretary	Mrs. Bonti Bora Rajbonshi	F	-		-	Yes	-	-	-	-	-	-	H.S	A,B,C,D,E,G,
			Member	Mrs. Rambha Thengal Gogoi	F	-	Yes	-	Yes	-	-	I	-	-	-	Under Matric	A.E,H
Dojarupa	Under		Member	Mrs.Manju Chetry	F		-	-	Yes	-	-	-	Yes	-	-	Under Matric	A.E,H
MWS	Progress	s 11	Member	Sri Mintu Hazorika	М	-	-	-	Yes	-	-	I	-	-	-	Under Matric	A.E,H
	Progress		Co- Chairperson	Sri Sewali Kakati	F	-	-	-	Yes	-	-	-	-	-	-	H.S.L.C.	A.E,H
			Member	Sri Shraban Boraik	М	-	-	_	Yes	-	-	-	-	-	-	H.S	A.E,H
			Member	Sri Dibash Tanti	Μ	-		-	Yes	-	-	-	-	-	-	H.S.L.C	A.E,H
			Member	Sri Saurov Tanti	Μ	-	-	-	Yes	-	-	-	-	-	-	H.S	A.E,H
			Member	Sri Bablu Kisan	М	-			Yes	-	-	-	-	-	-	Under Matric	A.E,H

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

Β.

- Α. PNP and PRA
- Maintenance of Accounts C.
- E. Supervision of construction activities
- Verification & Measurement G.
- Social Audit I.

- Planning
- Signing of cheques and making payments D.
- F. Cost Estimation
- Record of labour employed Н. J.
  - Any other (please specify

#### Source: From Watershed Committee Formation Meeting

#### Table No 4.3: WDT Particulars:

1	2	3	4	5	6	7
SI. No	Names of WDT members	M/F#	Age	Qualification / Experience	Description of professional training	Role/ Function*
1	Sri Dibyajit Doley Range Officer	М	56	Diploma in Civil Engineering.	Departmental Training on Forestry	A, B, C, D, E, F, G, H, I
2	Dr. Jogeswar Bori Veterinary Officer.	М	34	Master in Veterinary Science (MVSC)	Departmental Training on Veterinary	E, F, J (Training on Veterinary)
3	Sri Bibek Bikash Gogoi Asstt. Engineer, Block Office.	М	31	B.E. Civil	Departmental Training on Civil Engineering	E, F, J (Training on Civil Engineering)
4	Mrs. Sanghamitra Sharma A.D.O.	F	44	M.Sc. (Agri)	Departmental Training on Agriculture	E, F, J (Training on Agriculture)
5	Sri Rajkumar Gogoi Sericulture Demonstrator.	М	49	H. S. L. C.	Departmental Training on Sericulture	E, F, J (Training on Sericulture)
6	Sri Namrata Gohain Fisheries Dev. Officer	F	31	Master in Fisheries Science	Departmental Training on Fisheries	E, F, J (Training on Fisheries)

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

A. PNP and PRA

C. Maintenance of Accounts

E. Supervision of construction activities

- G. Verification & Measurement
- I. Social Audit

- B. Planning
- D. Signing of cheques and making payments
- F. Cost Estimation
- H. Record of labour employed
- J. Any other (please specify).

•

Source: Discussion with the line department

1	2	3
SI.No	Particulars	Details of PIA
1	Type of organization#	H.Government Department
2	Name of organization	Department of Soil Conservation, Assam
3	Designation & Address	Divisional Soil Conservation Officer, Golaghat Soil Conservation Division, Golaghat, Assam
4	Telephone	9085757345/9854450561
5	Fax	
6	E-mail	golaghatsoil@gmail.com

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

В

Н

A Line Dept.

- C Govt. Institute
- E Zila Parishad

- D Research BodiesF Intermediate Panchayat
  - Any other (please specify).

Autonomous organization

# G Voluntary Organizations Source : From Office Record

## Table No. 4.5 Bank Account Details

Name of WC/PIA	Name of the Bank/Place	Account No.	Name of the Signatory	Address
WCDC, Golaghat	State Bank of India, Pulibor,	40608759415	1.Sultan Jahedur Rahman	Office of the Project Manager, Golaghat & Divisional Officer,
,,,	Golaghat SBIN0007060		2.Sri Longsing Rongchehon	Golaghat Soil Conservation Division, Golaghat
PIA, Golaghat-I (Doigrung) 2021-22 WDC-PMKSY 2.0	State Bank of India, Pulibor, Golaghat SBIN0007060	40754231147	Sultan Jahedur Rahman	Office of The Project Implementing Agency & Divisional Officer, Golaghat Soil Conservation Division, Golaghat
Bholaguri WC		40969360420	1.Dibyajit Doley 2.Monoj Saikia.	Office of The Project
DoigrungWC	State Bank of India, Pulibor,	40969360431	1.Dibyajit Doley 2.Prahlad Chetry.	Implementing Agency & Divisional Officer,
Gorongajan WC	Golaghat SBIN0007060	40969360453	1.Dibyajit Doley 2.Raka Bordoloi.	Golaghat Soil Conservation
Ponkial WC		40969360464	1.Dibyajit Doley 2.Mouchumi Bora.	Division, Golaghat

Source : From Office Record





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

## A) ATWATERSHEDCOMMITTEELEVEL

- RegistrationCertificate
- Bylaws
- DetailProjectReport
- AnnualActionPlan
- CashBook
- ProjectFundPassbook
- WatershedDevelopmentFundPassbook
- LedgerBook
- AssetRegister
- Vouchers
- LandDetails
- MeasurementBook
- AuditReport/SocialAuditReport
- PhotoDocuments
- ProjectCompletionReport
- CommonGuidelines
- MoUbetweenWatershedCommitteeandProjectImplementingAgency
- Revenue Records.

## **B)** ATPROJECTIMPLEMENTINGAGENCYLEVEL

- CashBook
- ComputerizedAccountingSystem
- Vouchers

## Table No. 4.7 Documents of Agreements:

4.7.2 4.7.1) Watershed Committee Registration certificate(under process)

- 4.7.3 MoU PIA DWDU, PIA WC (under process)
- 4.7.4 Resolution of Gram Sabha ,Aam Sabha, WC approving action plan# (to be enclosed latter)

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

## 4.8 **Project Implementation:**

#### Project Implementation Strategy including coordination and monitoring of implementation process, WCDC and other coordination mechanism (Describe in detail).

Project Implementation involves a number of activities of which the major are - securing communityparticipation, co-ordination of activities and project management & Controlling, Monitoring. **Co-ordination** is the practice whereby more people or organizations work together to deal

collectivelywithasharedobjective. The rational efor co-ordinationshall be-

- 1. Totakeimmediatecurativeactionforproblemsencounteredinimplementationoftheproject.
- 2. To promote better relationship among organizations, institution, agencies, departments and individuals connected with the project and to harmonies resources and activities for the achievements of the project objectives.
- 3. To establish cordial relationship between the target population of the project and all the othersegmentsofthesociety.
- Teambuilding, which includes recruiting people with appropriate gualification and capability for positions 4. in orienting new people their position the organization, to to help them learn abouttheirresponsibilitiesandprovidingtrainingwhennecessarytoupgradepeople'sskills.

**ProjectManagement&Controlling**meansmanagingactivitiestoensureprogresstowardstheprojectobjectives.

- 1. Evaluating the progress of project by comparing the current situation with established goals and objectives.
- 2. Submittingreportstoaccountforprojectactivitiesandfinance
- 3. Monitoringperformancetodocumentthewaypeoplecarryouttheirresponsibilities.
- 4. Providing feedbackto people on aregular, informal basis including optimistic feedback and constructive criticism.
- 5. Adjustingplanstorespondthechangesintheinternalandexternalorganizationalenvironment

**Monitoring** is an important stage of project implementation and it implies the process of routinelygatheringinformationonall aspectsoftheproject.

The first level monitoring shall be done by the project staff. The DWDU and PIA shall beresponsible formonitoring the staffand taskunderthem and Project Managershallbe accountablefor monitoring all aspects of the project. The second level monitoring shall be done by third party. The monitoring team shall be collected the report through field visit, progress and measuresperformanceincludingfinancialreporting.

#### StepforMonitoringProcess:

- Definingtheobjectivesofthemonitoringsystem;
- Designingaprogrammetomonitorachievementssystematically;
- Selection of indicators/parameters to be monitored, the location, methods/processes andfrequency of observations and the information processing and reporting procedure areessential; and
- Organizing, motivating and training people to obtain convey and use the information.

#### MonitoringTools

- Semi-structuredinterviews;
- Community workshops to evaluate the extent of adoption and resulting achievements from conservation practices.
- Observationandmeasurementofeasilyquantifiablefieldindicators.

- Farmers'ownrecordscanbepreparedwhichprovidesvitalinformationtothecentral theme.
- Ground photographs takenfrom the same place before and after remedial measures, depicting details about landscape CPR's changes in the status of natural res ources.
- Communityevaluationofcertainsimpletechnical,ecological,economical,socialandessentialservicesindic ators.
- Remotesensingsatelliteimageriesandaerialphotographstakenatthestartoftheplanarerepeatedperiodic ally.
- GeographicalInformationSystems(GIS)
- Videomonitoring.
- Comparisonwithdemonstrationandresearchplots/farms.
- Comparisonwithdemonstrationandresearchmicro-watersheds.
- Hydro-meteorologicalmeasuring.
- Usingtheinformationgatheredbyotherinstitutionalandprivateenterprises.
- Combinationofabovementionedtools.

PIS	Tasks	Responsibility
Project Co-ordination	Immediate correctiveactionforproblemencountered	WCDC,ProjectManager,WDTM ember
	CreateRelationshipamongstaffandInstitution	ProjectManager
	TeamBuilding&CapacityBuilding	WCDC/PIA/ProjectManager
	Co-operationandNetworkDevelopment	WCDC/PIA/ProjectManager
Project Management&Contro	ProgressofProject	ProjectManager
lling	Reportgeneratingtoaccountprojectactivities and financial statement	PIA/ProjectManager
	Performancemonitoring	PIA/ProjectManager/WCDC
Monitoring	1st LevelMonitoringStaff PerformanceWorkPerform ance Targetachievement	WCDC/ProjectManager/PIA
	2 <sup>nd</sup> Level MonitoringWork QualityDeviationReport Financialstatement	WCDC/ThirdParty

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

## CHAPTER – 5 Management/Action Plan

### Table 5.1 Description on methodology of plan adopted

#### a) Awarenessgenerationinterventions:

- i. Awareness campaign through Gram Sabha in all villages of watershed area is essential. Awareness generation programme will be conducted for all project stakeholders atwatershed level with the fundamental purpose of educating them and creating moreinterestinregardtovarious aspects of the IWMP project.
- ii. Awareness campaign through distribution of leaflet and brochures describing about the IWMP project.
- b) Initial Orientation program: For successful completion of the project, orientation of both projectpersonnel and watershed communities according to the changing perspective is vital and it willenhance skills and competency of project staff to work with the villagers. Various training, awareness programme, meeting and seminar shall be conducted to build necessary ability and competency among the project officials, PRIs, especially GPs and other Communities BasedOrganizations(CBOs) about planning, implementation and management of various project activities.
- c) FormationprocessUGs&WatershedCommittee:TheUserGroupandWatershedCommitteeareformedthroughGr amSabhaandawarenessprogramme.

#### d) DPRpreparationprocess:

- 1. Data Collection: The study area is confined to 27 villages of Golaghat district of Assam. Both primary and secondary data pertaining to the study were collected from various sources. While the secondary data were collected from various government organizations, published documents and literatures. The primary data were collected from the villagers staying within the watershed area. Structured questionnaires were used for collecting the primary data. The study team also visited many problem prone areas to obtain first-hand information of natural resources and their uses. Data and information thus collected have been analyzed to know about the characteristics of the problem and prospects. The following are the various steps of data collection & report preparation-
  - Secondarydatacollection,preparations
  - Village meeting & Conduct of Participatory Rural Appraisal (PRA) techniques for problemidentification need assessment and selection of project activities. All the treatment plan and interventions are identified after elaborate PRA exercise.
  - SocioEconomicSurveyofallHouseholdsinWatershedvillage.
  - Collection of baseline data such as Demographic features, Livestockdetails, BPL status, Operational Holdings, Migration particulars, Details of Community Based Organization, Landfeatures, Details of CPR, Crops & Cropping patters, Soil classification & Erosion status, Climate & Hydrological features, Groundwater status, Irrigation facilities,

Status of water table, Quality and availability of drinking water, Water budget, Details of livelihoods.

- ProblemTypologyAnalysis.
- Productivity&Livelihoodsplanningexercise.
- Institutional&CapacityBuildingplan(withsupportofCourseDirectors).
- DataConsolidation&DocumentationofDPR.
- Integration of various spatial and non-spatial (attribute) data using the GeographicalInformation system (GIS).GIS software is an especially effective tool for watershedmanagement. GIS software provides the ability to create a computerized database consistingofspatial(maporimage)data.
- 1. Planning Process: All the data collected have been compiled and filled up the required table accordingly.
- 2. Mapping: Mapping has been done with the help of local villagers after doing the PRA exercise.
- 3. Hydro-geological Survey: The ground water table and the peculation capacity of the area have been studied during preparation of DPR.
- 4. Public-Private partnership: The relationship of the public with the villagers of the adjoining villages has been studied.
- 5. Consolidation & preparation of DPR documents: Combining all the records, the DPR has been prepared with the best effort. Approval by Aam Sabha/ Gram Sabha : The DPR has been approved by the Gram Sabha.

5.2: Details of Natural Resource Management Activities. Table No. 5.2.1 Soil and Moisture Conservation structures: 6 7 8 9 11 2 5 10 3 4 Area (in Hact) Dimension (in M/sqm/cum) of structure Plot No. (including name Year of implementation (1<sup>st/2nd</sup>/3<sup>rd</sup> /4<sup>th</sup>/5<sup>th</sup>) Total Grant amount (in Name of beneficiaries Contribution (in Rs.) Name of Activities (Structure) of the local patch) Total Cost (in Rs.) Name of village of MWS Unit cost Rs.) Name Kordoiguri to Jathipotia Agri Bund Kenduguri 545.00 RM 1650 900000 45000 900000 1<sup>st</sup> (Ph-II) Doigrung (with H.P. 1<sup>st</sup> Culvert) Miripathar Miripathar pathar 700.00 RM 1002 701240 35062 701240 -Sarku Lamas Paddv Kordoiguri field to Sunil Bhuyans 600.00 RM 1500 900000 45000 900000 2<sup>nd</sup> Paddy field Kamal Raibonsis paddy Kordoiguri 600.00 RM 1500 900000 45000 900000 2<sup>nd</sup> -Field to Balitup Agri Bund Kohorapar village to

Kohorapar

Ponkial

Bholaguri

Doigrung

(with H.P.

Culvert)

Aari Bund

(with Box

Culvert)

Agri Bund

(with Box

Culvert)

Kenduguri Kohorapar village to 5<sup>th</sup> Kohorapar 733.00 RM 1500 1100000 55000 1100000 26.573858 93.863144 Chechamukh Dhola Gaon Paddy field 1<sup>st</sup> Dholagaon 586.00 RM 1002 587480 29374 26.548468 587480 93.851766 (Ph-I) Dhola Gaon paddy field 2<sup>nd</sup> Dholagaon 400.00 RM 1500 600000 30000 600000 26.546778 93.853602 -26.305970 93.551920 Halrira Grant pathar 1<sup>st</sup> Halrira Grant 848.50 RM 1650 1400000 70000 1400000 -Salmira 1000000 1<sup>st</sup> Salmira mohkhuti pathar 606.00 RM 1650 50000 1000000 26.508426 93.911586 Mohkhuti Gaon Kenduguri 1<sup>st</sup> Kordoiguri to Jathipotia 485.00 RM 1650 800000 40000 800000 26.563027 93.842637

1500

500000

25000

500000

2<sup>nd</sup>

12

Latitude

26.563971

26.549424

26.567194

26.574829

26.562404

13

ongitude

93.847949

93.840758

93.856949

93.866416

93.859321

333.00 RM

-

1	2	3	4	5	6	7	8	9	10	11	12	13
Name of MWS	Name of Activities (Structure)	Name of village	Plot No. (including name of the local patch)	Name of beneficiaries	Area (in Hact) Dimension (in M/sqm/cum) of structure	Unit cost	Total Cost (in Rs.)	Contribution (in Rs.)	Total Grant amount (in Rs.)	Year of implementation (1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup> / 4 <sup>th</sup> /5 <sup>th</sup> )	Latitude	Longitude
		Jathipotia	Pushna karmakar	-	900.00 RM	1000	900000	45000	900000	1 <sup>st</sup>	26.578249	93.847267
	Forthon	Jathipotia	Jathipotia	-	606.00 RM	1000	606200	30310	606200	2 <sup>nd</sup>	26.575269	93.840084
Doigrung	Agri	Mithamchapori	Mithamchapori (Ph-I)	-	700.00 RM	1000	700000	35000	700000	3 <sup>rd</sup>	26.582423	93.842941
	Dund	Mithaamchapori	Mithaamchapori (Ph-II)	-	1000.00RM	1000	1000000	50000	1000000	4 <sup>th</sup>	26.575005	93.838990
		Halwa Gaon	Borali	-	800.00 RM	1000	800000	40000	800000	2 <sup>nd</sup>	26.559087	93.834692
Gorongajan	Earthen Agri Bund	Panikora	Solmariroad to Bholachapori	-	350.00 RM	1000	350000	17500	350000	1 <sup>st</sup>	26.54741	93.875319
Ponkial	Earthen Agri Bund	Dhola Gaon	Dhola gaon paddy field (Ph- II)	-	113.00 RM	1000	112520	5626	112520	2 <sup>nd</sup>	26.548468	93.851766

1	2	3	4	5	6	7	8	9	10	11	12	13
Name of MWS	Name of Activities (Structure)	Name of village	Plot No. (including name of the local patch)	Name of beneficiaries	Area (in Hact) Dimension (in M/sqm/cum) of structure	Unit cost	Total Cost (in Rs.)	Contribution (in Rs.)	Total Grant amount (in Rs.)	Year of implementation (1st/2nd/3rd/ 4th/5th)	Latitude	longitude
Gorongajan	Reclamation of Drainage Channel	Prajabosti	Prajabosti Stream	-	1500 RM	400	600000	30000	600000	1 <sup>st</sup>	26.514256	93.851812
Bholaguri	Excavation of Drainage	Gorongajan pt-l	Haldhibari Stream	-	400 RM	1000	400000	20000	400000	3 <sup>rd</sup>	26.502183	93.867378
	Channel	Saror Gaon	Garangajan Stream	-	1500 RM	400	600000	30000	600000	4 <sup>th</sup>	26.517265	93.875052
Ponkial	Excavation of Drainage Channel	Chesamukh	Chechamukh to Goruchora beel	-	600 RM	667	400000	20000	400000	1 <sup>st</sup>	26.557032	93.862542
Ponkial	Excavation & construction of Brick Canal	Ponkial	Near Podumoni beel	-	142.50 RM	3650	520000	26000	520000	2 <sup>nd</sup>	26.557374	93.846835
Bholaguri	Excavation & construction of Brick Canal	Na-Pomua Gaon	FromMohkhuti jan stream	-	274 RM	3650	1000000	50000	1000000	2 <sup>nd</sup>	26.523110	93.908913
TOTAL OF S	SMC						17377440	868872	17377440	-	-	-

Source: From PRA Exercise & field survey

Tab	able No. 5.2.2 Water Harvesting Structures:													
	1	2	3	4	5	6	7	8	9	10	11	12	13	
	Name of MWS	Name of Activities (Structure)	Name of village	Plot No. (including name of the local patch)	Name of beneficiaries	Area (in Hact) Dimension (in M/sqm/cum) of structure	Unit cost	Total Cost (in Rs.)	Contribution (in Rs.)	Total Grant amount (in Rs.)	Year of implementation (1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup> / 4 <sup>th</sup> /5 <sup>th</sup> )	Latitude	longitude	
		ith	Sarorgaon	Guwalpatty to Rangajan	-	1 No.	250000	250000	12500	250000	1 <sup>st</sup>	26.504562	93.888486	
	_	/ land w	Gorongajan pt-II	Sankar Tantis House & Anuj Saikias House	-	1 No.	400000	400000	20000	400000	1 <sup>st</sup>	26.517451	93.850969	
	ongajar	f Marshy	Gorongajan pt-II	Biren Rajuar House to Babul Ghatwar House	-	1 No.	208370	208370	10419	208370	3 <sup>rd</sup>	26.544470	93.854585	
	00	nation o ulvert	Gorongajan pt-II	Ruhit Rajwars House to Rajen Tanti House	-	1 No.	400000	400000	20000	400000	3 <sup>rd</sup>	26.521093	93.862601	
		Reclan H.P. C	Gorongajan pt-II	Rajkumar Tantis House to Sankar Tanti House	-	1 No.	208370	208370	10419	208370	3 <sup>rd</sup>	26.553714	93.886691	
		ζτ	Sarorgaon	Kaligupal Namghar to Dholajan	-	2 Nos.	250000	500000	25000	500000	4 <sup>th</sup>	26.504562	93.888486	
	jan	f Marsh Culve	Prajabosti	Kalisoron House to No.5 Purajangal	-	2 Nos.	247380	494760	24738	494760	4 <sup>th</sup>	26.518985	93.862855	
	Goronga	amation of with H.P.	No-3 Koiborta	Near Sondiram Thengals House	-	1 No.	250000	250000	12500	250000	2 <sup>nd</sup>	L26.557462	93.879767	
		Recla	Panikora	Jiten Das House to Ajit Duttas House	-	1 No.	250000	250000	12500	250000	5 <sup>th</sup>	L26.518985	93.862855	

E

1	2	2	A		6	7	0	0	10	11	12	12
1	Ζ	5	4	2	0	/	8	9	10	11	12	15
Name of MWS	Name of Activities (Structure)	Name of village	Plot No. (including name of the local patch)	Name of beneficiaries	Area (in Hact) Dimension (in M/sqm/cum) of structure	Unit cost	Total Cost (in Rs.)	Contribution (in Rs.)	Total Grant amount (in Rs.)	Year of implementati on (1 <sup>st/2<sup>nd</sup>/3<sup>rd</sup>/ 4<sup>th</sup>/5<sup>th</sup>)</sup>	Latitude	longitude
Bholaguri	Reclamation of Marshy land with H.P. Culvert	Dhansiripar Gaon	Dhansiripar Gaon	-	1 No.	250000	250000	12500	250000	2 <sup>nd</sup>	26.504802	93.930017
Doigrung	Reclamation of Marshy land with H.P. Culvert	Kenduguri	Kenduguri Pathar	-	1 No.	250000	250000	12500	250000	3 <sup>rd</sup>	26.569764	93.840322
Bholaguri	Reclamation of Marshy land with Box Culvert	Dhansiripar Gaon	Mudoi chuk	-	63 cum	16667	1050000	52500	1050000	1 <sup>st</sup>	26.506666	93.929531
	Declaration of	Kachari Gaon	Dholajan	-	42 cum	16667	700000	35000	700000	1 <sup>st</sup>	26.527376	93.865186
Gorongajan	Marshy land with	Telia Gaon	Hanschora jan	-	24 cum	16667	400000	20000	400000	2 <sup>nd</sup>	6.528294	93.867586
	Box Culvert	No-2 Koiborta	near Diganta Thengal House	-	24 cum	16667	400000	20000	400000	5 <sup>th</sup>	26.549401	93.872808
Ponkial	Reclamation of Marshy land with Box Culvert	Kohorapar	Kohorapar	-	30 cum	16667	500000	25000	500000	2 <sup>nd</sup>	26.564680	93.859050
	Reclamation of	Kenduguri	Kenduguri	-	30 cum	16667	500000	25000	500000	3 <sup>rd</sup>	26.577715	93.837927
Doigrung	Marshy land with Box Culvert	Jathipotia	paddy Field road	-	30 cum	16667	500000	25000	500000	3 <sup>rd</sup>	26.577715	93.837927
Bholaguri	Water Conservation with DSW	Na-Pomua Gaon	Mohkhuti jan stream	-	10 RM	100000	1000000	50000	1000000	1 <sup>st</sup>	6.521555	93.908340
Ponkial	Rain Water Harvesting	Dhola Gaon	Dholaguri M.E.School	-	1380 cum	190	262300	13115	262300	5 <sup>th</sup>	Lat- 26.529547	93.859729

1	2	3	4	5	6	7	8	9	10	11	12	13
Name of MWS	Name of Activities (Structure)	Name of village	Plot No. (including name of the local patch)	Name of beneficiaries	Area (in Hact) Dimension (in M/sqm/cum) of structure	Unit cost	Total Cost (in Rs.)	Contribution (in Rs.)	Total Grant amount (in Rs.)	Year of implementation (1st/2nd/3rd/ 4th/5th)	Latitude	longitude
Ponkial	Renovation of Pond	Chesamukh	Near Garuchara Bill	-	1980 sqm	202	400000	20000	400000	1 <sup>st</sup>	26.560560	93.863132
Gorongaia	Renovation of	Gorongajan pt-l	Near Simsong Sorengs House	-	1980 sqm	202	400000	20000	400000	3 <sup>rd</sup>	26.547410	93.875319
Corongaja	Pond	Saror Gaon	Near Jatin Sarmas House	-	1485 sqm	202	300000	15000	300000	4 <sup>th</sup>	26.509769	93.882040
		Saror Gaon	Near Gouranga Kalita House	-	1656 sqm	302	500000	25000	500000	1 <sup>st</sup>	26.519298	93.876508
Gorongaja	Construction of Farm Pond	Prajabosti	Near Rituraj Chubbas house	-	1325 sqm	302	400000	20000	400000	5 <sup>th</sup>	26.521665	93.853803
		No-2 Koiborta	Near Doyal sankar Boras House	-	1656 sqm	302	500000	25000	500000	1 <sup>st</sup>	26.544662	93.867598
Gorongaja	Construction of Farm Pond	No-3 Koiborta	Near Prodip Boras House	-	1325 sqm	302	400000	20000	400000	2 <sup>nd</sup>	26.557463	93.879757
	-arm	Kachari Gaon	Near Sanjib Saikias House	-	1987 sqm	302	600000	30000	600000	1 <sup>st</sup>	26.527376	93.865186
ngaja	on of F nd	Kachari Gaon	Near Rupom Boras House	-	1325 sqm	302	400000	20000	400000	2 <sup>nd</sup>	26.5527376	93.865186
Goroi	structio	Panikora	Near Ujjal Boras House	-	1325 sqm	302	400000	20000	400000	3 <sup>rd</sup>	L26.547254	93.875406
	Cont	Kachari Gaon	Near Anuj Saikias House	-	1325 sqm	302	400000	20000	400000	2 <sup>nd</sup>	L26.527376	93.865186

1	2	3	4	5	6	7	8	9	10	11	12	13
Name of MWS	Name of Activities (Structure)	Name of village	Plot No. (including name of the local patch)	Name of beneficiaries	Area (in Hact) Dimension (in M/sqm/cum) of structure	Unit cost	Total Cost (in Rs.)	Contribution (in Rs.)	Total Grant amount (in Rs.)	Year of implementation (1 <sup>st/2nd</sup> /3 <sup>rd</sup> /	Latitude	longitude
	Ĕ	Ponkial	Near Podumoni beel	-	4967 sqm	302	1500000	75000	1500000	1 <sup>st</sup>	26.557374	93.846835
	f Faı	Kordoiguri	Near Binud Rais Paddy field	-	1325 sqm	302	400000	20000	400000	2 <sup>nd</sup>	26.574423	93.859490
kial	o no	Kordoiguri	Kamal Rajbonsis Paddy Field	-	2980 sqm	302	900000	45000	900000	2 <sup>nd</sup>	26.567180	93.857002
Pon	ructi Po	Dhola Gaon	Field of Biswajit Boruah	-	1656 sqm	302	500000	25000	500000	2 <sup>nd</sup>	26.546785	93.853157
	onst	Dhola Gaon	Paddy Field of Anil Tamuli	-	1656 sqm	302	500000	25000	500000	1 <sup>st</sup>	26.548489	93.851769
	ŏ	Chesamukh	Near Garuchara Bill	-	1325 sqm	302	400000	20000	400000	1 <sup>st</sup>	26.560560	93.863132
	Е	Halmira Grant Gaon	Tall Grant	-	2980 sqm	302	900000	45000	900000	2 <sup>nd</sup>	26.303560	93.552460
	Far	Dhansiripar Gaon	Dhansiripar Gaon	-	2649 sqm	302	800000	40000	800000	2 <sup>nd</sup>	26.502779	93.933845
guri	on of br	Na-Pomua Gaon	Na-Pomua Gaon Ph-I	-	1656 sqm	302	500000	25000	500000	2 <sup>nd</sup>	26.521238,	93.907136
shola	uctic Por	Na-Pomua Gaon	Na-Pomua Gaon Ph-II	-	1656 sqm	302	500000	25000	500000	2 <sup>nd</sup>	26.521186	93.907167
ш	nstr	Salmira Mohkhuti Gaon	Tall Grant	-	2980 sqm	302	900000	45000	900000	2 <sup>nd</sup>	26.303550	93.552420
	co	Halmira Grant Gaon	Tall Grant (Ph-II)	-	2980 sqm	302	900000	45000	900000	3 <sup>rd</sup>	26.303560	93.552460
	of	Mithaam Chapori	Mithaam Chapori (Ph-I)	-	1325 sqm	302	400000	20000	400000	3 <sup>rd</sup>	26.583748	93.846912
rung	ction Pond	Mithaam Mhapori	Mithaam Chapori (Ph-II)	-	1325 sqm	302	400000	20000	400000	3 <sup>rd</sup>	26.581180	93.844888
Doigı	unstru arm	Mithaam Chapori	Mithaam Chapori (Ph-III)	-	1656 sqm	302	500000	25000	500000	3 <sup>rd</sup>	26.583206	93.847065
_	Cor	Jathipotia	Near Buka Beel	-	2980 sqm	302	900000	45000	900000	3 <sup>rd</sup>	26.575231	93.840160
OTAL	OF WHS		1			1	24373800	121869	2437380	-	-	-

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1	2	3	4	5	6	7	8	9	10	11	12	13
Name of MWS	Name of Activities (Structure)	Name of village	Plot No. (including name of the local patch)	Name of beneficiaries	Area (in Hact) Dimension (in M/sqm/cum) of structure	Unit cost	Total Cost (in Rs.)	Contribution (in Rs.)	Total Grant amount (in Rs.)	Year of implementation (1 <sup>st</sup> /2 <sup>nd</sup> /3 <sup>rd</sup> / 4 <sup>th</sup> /5 <sup>th</sup> )	Latitude	longitude
Bholaguri	Road Side Plantation	Bhulaguri Gaon	Bhulaguri Gaon	-	2.00 Hact.	750000	1500000	75000	1500000	2 <sup>nd</sup>	26.508428	93.911587
		Halmira Grant Gaon	Halmira Grant Gaon	-	1.00 Hact.	600000	600000	30000	600000	3 <sup>rd</sup>	26.526240	93.910939
Phologuri	Horticulture	Na-Pomua Gaon	Na-Pomua Gaon (Ph-I)	-	1.00 Hact.	500000	500000	25000	500000	3 <sup>rd</sup>	26.525234	93.907795
Driolaguri	Plantation	Na-Pomua Gaon	Na-Pomua Gaon (Ph-II)	-	1.00 Hact.	500000	500000	25000	500000	3 <sup>rd</sup>	26.522651	93.908684
		Na-Pomua Gaon	Na-Pomua Gaon (Ph-III)	-	1.00 Hact.	500000	500000	25000	500000	3 <sup>rd</sup>	26.5218641	93.908515
							260000	100000	260000			

Source: From PRA Exercise & field survey

1	2	3	4	5	6	7			8		9	10
										Proposed	Plan	
SI.	Name of	Name of village	Area (in	Name of	Total unit	Unit	Esti	imated co	st (Rs. in	lakh)	Farmers'	Grant Partier
No.	Structure	Name of Village	Hact)	farmers	(No./cum/RM)	cost	st M W		0	т	Contribution (Rs. In lakh)	(Rs. In lakh)
Α	Private Lan	d										
	Nil											
В	Common L	and	1				1					
1		Kenduguri	88		545.00 RM	0.01650	1.60000	7.30000	0.10000	9.00000	45000	9.00000
2	-	Miripathar	67		700.00 RM	0.01002	1.60000	5.40240	0.10000	7.01240	35062	7.01240
3	A sui Dun d	Dholagaon	58		586.00 RM	0.01002	1.60000	4.17480	0.10000	5.87480	29374	5.87480
4		Kordoiguri	88		600.00 RM	0.01500	1.60000	7.30000	0.10000	9.00000	45000	9.00000
5	(with H.P.	Kordoiguri	75		600.00 RM	0.01500	1.60000	7.30000	0.10000	9.00000	45000	9.00000
6	Cuivert)	Kohorapar	50		333.00 RM	0.01500	1.60000	3.30000	0.10000	5.00000	25000	5.00000
7		Dholagaon	60		400.00 RM	0.01500	1.60000	4.30000	0.10000	6.00000	30000	6.00000
8		Kohorapar	100		733.00 RM	0.01500	1.60000	9.30000	0.10000	11.00000	55000	11.00000
9	Agri Bund	Halrira Grant	140		848.50 RM	0.01650	4.90000	9.00000	0.10000	14.00000	70000	14.00000
10	(with Box	Salmira Mohkhuti	100		606.00 RM	0.01650	4.90000	5.00000	0.10000	10.00000	50000	10.00000
11	Culvert)	Kenduguri	78		485.00 RM	0.01650	4.90000	3.00000	0.10000	8.00000	40000	8.00000
12		Jathipotia	88		900.00 RM	0.01000	0.15000	8.80000	0.05000	9.00000	45000	9.00000
13	1	Panikora	33		350.00 RM	0.01000	0.15000	3.30000	0.05000	3.50000	17500	3.50000
14	Forthon	Halwa Gaon	77		800.00 RM	0.01000	0.15000	7.80000	0.05000	8.00000	40000	8.00000
15		Dholagaon	10		113.00 RM	0.01000	0.15000	8.80000	0.05000	1.12520	5626	1.12520
16		Jathipotia	58		606.00 RM	0.01000	0.15000	5.86200	0.05000	6.06200	30310	6.06200
17	1	Mithamchapori	79		700.00RM	0.01000	0.15000	6.80000	0.05000	7.00000	35000	7.00000
18	1	Mithaamchapori	102		1000.00 RM	0.01000	0.15000	9.80000	0.05000	10.00000	50000	10.00000

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1	2	3	4	5	6	7		8			9	10
									Prop	osed Plan		
SI	Name of		Area	Name	Total unit	Unit	E	stimated cos	t (Rs. in la	kh)	Farmors'	Grant
No.	Structure	Name of village	e (in Hact)	of farmers	(No./cum/RM)	cost	Μ	w	0	т	Contribution (Rs. In lakh)	Portion (Rs. In Iakh)
19	Reclamation	Prajabosti			1500 RM	0.00400	Nil	5.90000	0.10000	6.00000	0.30000	6.00000
20	of Drainage	Gorongajan pt-l			400 RM	0.01000	Nil	3.90000	0.10000	4.00000	0.20000	4.00000
21	Channel	Saror Gaon			1500 RM	0.00400	Nil	5.90000	0.10000	6.00000	0.30000	6.00000
22	Excavation of Drainage Channel	Chesamukh			600 RM	0.00667	Nil	3.90000	0.10000	4.00000	0.20000	4.00000
23	Excavation	Na-Pomua Gaon	75		274 RM	0.03650	7.70000	2.20000	0.10000	10.00000	0.50000	10.00000
24	construction of Brick Canal	Ponkial	50		142.50 RM	0.03650	3.90000	1.20000	0.10000	5.20000	0.26000	5.20000
TOT	AL OF SMC	-					40.15000	131.62440	2.00000	173.77440	8.68872	173.77440

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

Source: From PRA Exercise, field survey and analysis

1	2	3	4	5			6		7
sı			Total unit				Pro	posed Plan	
No.	Name of Structure	Name of village	(No./cum/RM)	Unit cost	Es	timated co	ost (Rs. in la	akh)	Farmers' Contribution
			(,		Μ	W	0	Т	(Rs. In lakh)
Α	Private Land	1			1	1	1		
	Nil								
В	Common Land								
1		Saror Gaon	1 No.	2.50000	1.60000	0.85000	0.05000	2.50000	0.12500
2		Gorongajan pt-II	1 No.	4.00000	1.60000	2.35000	0.05000	4.00000	0.20000
3		Dhansiripar Gaon	1 No.	2.50000	1.60000	0.85000	0.05000	2.50000	0.12500
4		No-3 Koiborta	1 No.	2.50000	1.60000	0.85000	0.05000	2.50000	0.12500
5	Declamation of Marchy	Kenduguri	1 No.	2.50000	1.60000	0.85000	0.05000	2.50000	0.12500
6		Gorongajan pt-II	1 No.	2.08370	1.60000	0.43370	0.05000	2.08370	0.10419
7		Gorongajan pt-II	1 No.	2.08370	1.60000	0.43370	0.05000	2.08370	0.10419
8		Gorongajan pt-II	1 No.	4.00000	1.60000	2.35000	0.05000	4.00000	0.20000
9		Saror Gaon	2 Nos.	2.50000	3.20000	1.75000	0.05000	5.00000	0.25000
10		Prajabosti	2 Nos.	2.47380	3.20000	1.69760	0.05000	4.94760	0.24738
11		Panikora	1 No.	2.50000	1.60000	0.85000	0.05000	2.50000	0.12500
12		Dhansiripar Gaon	63 cum	0.16667	5.00000	5.45000	0.05000	10.50000	0.52500
13		Kachari Gaon	42 cum	0.16667	5.00000	1.95000	0.05000	7.00000	0.35000
14		Telia Gaon	24 cum	0.16667	3.00000	0.95000	0.05000	4.00000	0.20000
15	Reclamation of Warshy	Kohorapar	30 cum	0.16667	4.00000	0.95000	0.05000	5.00000	0.25000
16	<ul> <li>land with Box Culvert</li> </ul>	Kenduguri	30 cum	0.16667	4.00000	0.95000	0.05000	5.00000	0.25000
17		Jathipotia	30 cum	0.16667	4.00000	0.95000	0.05000	5.00000	0.25000
18	1	No-2 Koiborta	24 cum	0.16667	3.00000	0.95000	0.05000	4.00000	0.20000
19	Water Conservation with DSW	Na-Pomua Gaon	10 RM	1.00000	8.00000	1.90000	0.10000	10.00000	0.50000
20	Rain Water Harvesting	Dhola Gaon	1380 cum	0.00190	2,10000	0.50000	0.02300	2 62300	0 13115

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			1		1				
1	2	3	4	5		e	<u>,</u>		7
SI.			Total unit				Propos	ed Plan	
No.	Name of Structure	Name of village	(No./cum/RM)	Unit cost		Estimated cos	st (Rs. in lakh	)	Farmers' Contribution
_					M	w	0	Т	(Rs. In lakh)
21		Chesamukh	1980 sqm	0.00202	Nil	3.90000	0.10000	4.00000	0.20000
22	Renovation of Pond	Gorongajan pt-l	1980 sqm	0.00202	Nil	3.90000	0.10000	4.00000	0.20000
23		Saror Gaon	1485 sqm	0.00202	Nil	2.90000	0.10000	3.00000	0.15000
24		Saror Gaon	1656 sqm	0.00302	Nil	4.90000	0.10000	5.00000	0.25000
25		No-2 Koiborta	1656 sqm	0.00302	Nil	4.90000	0.10000	5.00000	0.25000
26		Kachari Gaon	1987 sqm	0.00302	Nil	5.90000	0.10000	6.00000	0.30000
27		Ponkial	4967 sqm	0.00302	Nil	14.90000	0.10000	15.00000	0.75000
28		Dhola Gaon	1656 sqm	0.00302	Nil	4.90000	0.10000	5.00000	0.25000
29		Chesamukh	1325 sqm	0.00302	Nil	3.90000	0.10000	4.00000	0.20000
30		Halmira Grant Gaon	2980 sqm	0.00302	Nil	8.90000	0.10000	9.00000	0.45000
31		Dhansiripar Gaon	2649 sqm	0.00302	Nil	7.90000	0.10000	8.00000	0.40000
32		Na-Pomua Gaon	1656 sqm	0.00302	Nil	4.90000	0.10000	5.00000	0.25000
33		Na-Pomua Gaon	1656 sqm	0.00302	Nil	4.90000	0.10000	5.00000	0.25000
34		Salmira Mohkhuti Gaon	2980 sqm	0.00302	Nil	8.90000	0.10000	9.00000	0.45000
35	Construction of Farm	Kachari Gaon	1325 sqm	0.00302	Nil	3.90000	0.10000	4.00000	0.20000
36	Pond	No-3 Koiborta	1325 sqm	0.00302	Nil	3.90000	0.10000	4.00000	0.20000
37		Kordoiguri	1325 sqm	0.00302	Nil	3.90000	0.10000	4.00000	0.20000
38		Kordoiguri	2980 sqm	0.00302	Nil	8.90000	0.10000	9.00000	0.45000
39		Dhola Gaon	1656 sqm	0.00302	Nil	4.90000	0.10000	5.00000	0.25000
40		Halmira Grant Gaon	2980 sqm	0.00302	Nil	8.90000	0.10000	9.00000	0.45000
41		Mithaam Chapori	1325 sqm	0.00302	Nil	3.90000	0.10000	4.00000	0.20000
42		Mithaam Chapori	1325 sqm	0.00302	Nil	3.90000	0.10000	4.00000	0.20000
43		Mithaam Chapori	1656 sqm	0.00302	Nil	4.90000	0.10000	5.00000	0.25000
44		Jathipotia	2980 sqm	0.00302	Nil	8.90000	0.10000	9.00000	0.45000
45		Panikora	1325 sqm	0.00302	Nil	3.90000	0.10000	4.00000	0.20000
46		Prajabosti	1325 sam	0.00302	Nil	3.90000	0.10000	4.00000	0.20000
47		Kachari Gaon	1325 sqm	0.00302	Nil	3.90000	0.10000	4.00000	0.20000
TOTAL	OF WHS	1			58.90000	181.10700	3.723000	243.73800	12.18690
		<i>.</i>							

Source: From PRA Exercise, field survey and analysis

1	2	3	4	5	6	7	8	9
							Proposed Plan	
SI. No.	Name of Structure	Name of village	Area (in Hact.)	No of Plants	Unit cost	Estimated Cost (Rs. In lakh)	Farmers' Contribution (Rs. In lakh)	Grant Portion (Rs. In lakh)
Α	Private Land						·	
	Nil							
В	Common Land							
1	Road Side Plantation	Bhulaguri village	2.00 Hact.	250	7.50000	15.00000	0.75000	15.00000
2		Halmira Grant Gaon	1.00 Hact.	200	6.00000	6.00000	0.30000	6.00000
3	Hartioultura	Na-Pomua Gaon	1.00 Hact.	200	5.00000	5.00000	0.25000	5.00000
4		Na-Pomua Gaon 1.00 Hact. 200 5.00000		5.00000	5.00000	0.25000	5.00000	
5		Na-Pomua Gaon	1.00 Hact.	200	5.00000	5.00000	0.25000	5.00000
тот	AL OF VEGETATIVE C	OVER			•	36.00000	1.80000	36.00000

Source: From PRA Exercise, field survey and analysis

# <u>Chapter 6</u> Capacity Building Plan

## Table No. 6.1 Details of Capacity Building:

1	2	3	4	5	6	7	8	9	10
SI. No.	NameoftheTraining &Exposure(Knowledge,Skill,etc.a tbothBeingand Doinglevel)	Numberofe vents	Number ofParticipant sinanevent	TotalNumb er ofdaysper event	TotalTraineedays (=3 x4x5)	Cost perTrainee day(inRs)	Total Costrequiredfort heprogramme(=6 x7;inRs.)	TotalGrantA mount(inRs)	YearofImplementation(1 st/2nd/3rd/4th/5 <sup>th</sup> )
MASSM	EETING								
1	Mass Meeting	4	500	1	2000	100	200000	200000	1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup>
Sub To	otal	4	-	-	2000	-	200000	200000	
AWAR	ENESS MEETING								
1	AwarenessMeeting	8	200	1	1600	200	320000	320000	1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup>
Sub To	otal	8	-	-	1600	-	320000	320000	
PUBLIC	ITYMATERIALS								
1	PublicityMaterials	-	-	-	-	-	275760	275760	1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> , 5 <sup>th</sup>
Sub To	otal	-	-	-	-	-	275760	275760	
INSTITU	ITIONALBUILDING								
1	WCFormation&Registration,etc.	4	300	1	1200	100	120000	120000	1 <sup>st</sup>
2	UGFormation	15	50	1	750	200	150000	150000	1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> ,
3	SHGFormation	18	50	1	900	300	270000	270000	1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> ,
Sub To	otal	37	-	-	3200	-	540000	540000	
TRAIN	ING								
1	WCDC	2	10	1	20	1000	20000	20000	1 <sup>st</sup> ,3 <sup>rd</sup>
2	PIA/WDT	3	20	1	600	1000	60000	60000	1 <sup>st</sup> ,3 <sup>rd</sup>
3	WatershedCommittee	9	11	1	99	1000	99000	99000	1 <sup>st</sup> ,3 <sup>rd</sup>
4	UserGroup	10	20	1	200	1000	200000	200000	1 <sup>st</sup> ,3 <sup>rd</sup> , 4 <sup>th</sup> , 5 <sup>th</sup>
5	SHG	12	40	1	480	1000	480000	480000	1 <sup>st</sup> , 5 <sup>th</sup>
Sub To	otal	39	-	-	1450	-	910000	859000	

1	2	3	4	5	6	7	8	9	10
SI. No.	NameoftheTraining &Exposure(Knowledge,Skill,etc. atbothBeingand Doinglevel)	Numbero fevents	Number ofParticipant sinanevent	TotalNumbe r ofdaysper event	TotalTrainee days(=3 x4x5)	Cost perTrainee day(inRs)	Total Costrequiredforth eprogramme(=6x7; inRs.)	TotalGrantAm ount(inRs)	YearofImplementation(1st/ 2nd/3rd/4th/5 <sup>th</sup> )
EXPO	SURE VISIT								
1	Farmers/WCMembers	2	20	2	80	1500	120000	120000	3 <sup>rd</sup> , 4 <sup>th</sup> ,
2	PIA/WDT	4	10	2	80	2000	160000	160000	3 <sup>rd</sup> , 4 <sup>th</sup> , 5 <sup>th</sup>
Sub T	otal	6	-	-	160	-	280000	280000	
EXPO	SURE VISIT	•							
1	Farmers/WCMembers	2	20	2	80	1500	120000	120000	3 <sup>rd</sup> , 4 <sup>th</sup> ,
2	PIA/WDT	4	10	2	80	2000	160000	160000	3 <sup>rd</sup> , 4 <sup>th</sup> , 5 <sup>th</sup>
Sub T	otal	6	-	-	160	-	280000	280000	
PARTI	CIPATIONINEXHIBITION								
1	SHG/UG	2	20	4	160	2000	320000	320000	2 <sup>nd</sup> , 3 <sup>rd</sup> ,
Sub T	otal	2	-	-	160	-	320000	320000	
SEMIN	ER&WORKSHOP								
1	Seminar&Workshop	1	40	1	40	1500	60000	60000	3 <sup>rd</sup>
Sub T	otal	1	-	-	40	-	60000	60000	
MEET	TING WITH WC IN THE OFFI	CE							
1	Meeting with WC	20	10	1	200	200	40000	40000	1 <sup>st</sup> , 2 <sup>nd</sup> , 5 <sup>th</sup>
Sub T		20	10	1	200	200	40000	40000	1 <sup>st</sup> , 2 <sup>nd</sup> , 5 <sup>th</sup>
GRA	ND TOTAL						2894760	2894760	

Source: From PRA Exercise, field survey and analysis

Ιο Ν	0.71	*Please	refer to	Pl o the "Fund Util	nasing ization p	g of Program	nme a nt wise	ind Bu in % un	udge Ider IV	eting VMP" le	etter atta	ached ir	ו the An	nexure	).	
1	2	3	4	5		6 7		7 8		9		10		11		
	Ŧ	±		1 <sup>st</sup> year	2 <sup>nd</sup> year		3 <sup>rd</sup> year		4 <sup>th</sup> year		5 <sup>th</sup> year		Total			
51. No	Componen	Activities	Unit	Unit Cost (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
	Entry	Point Activities (2	%)													
	i	Renovation of Na-pomua community Hall near Siva Mandir	No.	5,50,000.00	1	5,50,000.00	-	-	-	-	-	-	-	-	1	5,50,000.00
_	ii	Agri-field bund with Hume pipe culvert	RM	1300.00	300	3,90,000.00	-	-	-	-	-	-	-	-	300	3,90,000.00
	lii	Renovation of Doigrung Community Hall	No.	4,50,000.00	1	4,50,000.00	-	-	-	-	-	-	-	-	1	4,50,000.00
	iv	Development of community playground.	Hact	179,946.67	3.00	5,39,840.00	-	-	-	-	-	-	-	-	3.00	5,39,840.00
	Sub 1	<b>Fotal of Entry Point</b>	Activi	ty		19,29,840.00	-	-	-	-	-	-	-	-	-	19,29,840.0

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2	3	4	5		6		7		8		9		10		11
				1 <sup>st</sup>	t year	<b>2</b> <sup>n</sup>	<sup>d</sup> year	3rc	<sup>1</sup> year	4 <sup>th</sup>	year	5 <sup>th</sup>	year	Т	otal
Component	Activities	Unit	Unit Cost (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
Inst	titution & Capacity Building (3%)		L	1		1	1	1		1		1			
	Mass Meeting														
	Mass Meeting	No.	50000	2	100000	1	50000	1	50000	-	-	-	-	4	20000
	Awareness Meeting														
	Awareness Meeting	No.	40000	6	240000	1	40000	1	40000	-	-	-	-	8	32000
Aw	areness Generation (events) to b	e conduc	ted (Publici	ty Materi	ials)										
	Pamphlets distribution	No.	5.60	9925	55580	-	-	-	-	-	-	-	-	9925	55580
iii	Wall posters	No.	10.00	4380	43800	5246	52460	146	1460	1123	11230	1123	11230	12018	12018
	Rallies	No.	10000	10	100000	-	-	-	-	-	-	-	-	10	10000
Inst	titutional Building	-	1	1	1	1	n		I				-		
	WCFormation&Registration,etc.	No.	30000	4	120000	-	-	-	-	-	-	-	-	4	12000
iv	Formation of UGs	No.	10000	9	90000	4	40000	1	10000	1	10000	-	-	15	15000
	SHGFormation	No.	15000	10	150000	8	120000	-	-	-	-	-	-	18	27000
Tra	ing														
	WCDC	No.	10000	1	10000	-	-	1	10000	-	-	-	-	2	20000
	PIA/WDT	No.	20000	2	40000	-	-	1	20000	-	-	-	-	3	60000
v	WatershedCommittee	No.	11000	8	88000	-	-	1	11000	-	-	-	-	9	99000
	UserGroup	No.	20000	4	80000	-	-	1	20000	4	80000	1	20000	10	20000
	SHG	No.	40000	8	320000	-	-	-	-	-	-	4	160000	12	48000
Exc	posure Visit					1		1							
	Farmers/WCMembers	No.	60000	-	-	-	-	1	60000	1	60000	-	-	2	12000
vi	PIA/WDT	No.	40000	-	-	-	-	1	40000	2	80000	1	40000	4	16000
Par	rticipation in Exhibition			1	L	1	1	1	*	1		1			
vii	i SHG/UG	No.	160000	-	-	1	160000	1	160000	-	-	-	-	2	32000
Ser	minar and Workshop	•	•	•	•	•		•	•						
viii	Seminar and Workshop	No.	60000	-	-	-	-	1	60000	-	-	-	-	1	6000
Mee	eting with WC in the office							-							
ix	Meeting with WC	No.	2000	5	10000	10	20000	-	-	-	-	5	10000	20	4000
Sub	b Total of Institution & Capacity	Building			1447380		482460		482460		241230		241230		28947

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1	2	3	4		5			6			7			0			0			10
	2	3	4		J <sup>st</sup> vea	r		2 <sup>nd</sup> v	ear		3 <sup>rd</sup> VE	ar		4 <sup>th</sup> ve	ar		5 <sup>th</sup> vea	r		Total
	nent	ies		st	<u>, jee</u>		st	2)		st	<u> </u>		st	- <u>,</u>		st	<u> </u>	<del>``</del>	6	
SI. No	Compo	Activit	Unit	Unit Co	Phy (No	Fin (Rs	Unit Co	Phy (No	Fin (Rs	Unit Co	Phy (No	Fin (Rs	Unit Co	Phy (No	Fin (Rs	Unit Co	Phy (No	Fin (Rs	Phy (No	Fin (Rs
3	Proc	ductivity Syste	m (159	%)																
	i	Dairy	No.	44000	3	132000	44000	9	396000	44000	18	792000	44000	12	528000	44000	2	88000	44	1936000
	ii	Poultry	No.	44000	3	132000	44000	9	396000	44000	18	792000	44000	12	528000	44000	2	88000	44	1936000
	iii	Duckery	No.	44000	3	132000	44000	9	396000	44000	18	792000	44000	12	528000	44000	2	88000	44	1936000
	iv	Goat Rearing	No.	44000	3	132000	44000	9	396000	44000	18	792000	44000	13	572000	44000	2	88000	45	1980000
	v	Piggery	No.	44000	3	132000	44000	9	396000	44000	18	792000	44000	13	572000	44000	2	88000	45	1980000
	vi	Fishery	No.	44000	3	132000	44000	9	396000	44000	18	792000	44000	13	572000	44000	2	88000	45	1980000
	vii	Weaving	No.	44000	3	132000	44000	9	396000	44000	18	792000	44000	13	572000	44000	2	88000	45	1980000
	viii	Horticulture	No.	40920	1	40920	40920	3	122760	40920	6	245520	38152	6	228910	35897	3	107690	19	745800
	Total	of Productivit	y Syst	em	22	964920	-	66	2894760	-	132	5789520	-	94	4100910	-	17	723690	331	14473800
4	Liveli	hood Activitie	s for th	ne asset le	ess pe	rsons, Mi	cro Ente	rprise	e & Busines	s Devel	opmen	t (15%)								
	i	Dairy	No.	25000	6	150000	-	-	-	25000	30	750000	25000	18	450000	25000	6	150000	96	2400000
	ii	Poultry	No.	25000	6	150000	-	-	-	25000	30	750000	25000	18	450000	25000	6	150000	96	2400000
	iii	Duckery	No.	25000	-	-	25000	16	400000	25000	30	750000	25000	18	450000	25000	6	150000	96	2400000
	iv	Goat Rearing	No.	25000	6	150000	25000	16	400000	25000	30	750000	25000	18	450000	25000	6	150000	96	2400000
	v	Piggery	No.	25000	-	-	25000	16	400000	25000	30	750000	25000	18	450000	25000	5	125000	95	2375000
	vi	Weaving	No.	25000	6	150000	25000	10	25000	25000	26	650000	25000	18	450000	25000	5	125000	75	1875000
	vii	Bee keeping	No.	21640	3	64920	23186	7	162300	23253	6	139520	23690	6	142140	22984	5	114920	27	623800
	viii	E Rickshaw / Thela	No	25000	12	300000	-	-	-	25000	18	450000	25000	12	300000	-	-	-	-	-
1	ix	Carrier Van	No	25000	-	-	25000	32	800000	25000	32	800000	25000	48	1200000	-	-	-	-	-
	Total	of Livelihood	Activi	ties	39	964920	-	97	2412300	-	232	5789520	-	174	4342140	-	38.6	964920	581	14473800

1	2	3	4	5		6		7		8		9		10		11
	nt	<i>"</i>			1	<sup>st</sup> year	<b>2</b> <sup>n</sup>	<sup>d</sup> year	3 <sup>rd</sup>	year	4 <sup>1</sup>	<sup>h</sup> year	5 <sup>tl</sup>	<sup>h</sup> year	Т	otal
SI. No	Compone	Activities	Unit	Unit Cos (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
5	Natu	iral resource Manag	jemer	nt												
	i	Soil and Moisture Co	onser	vation Str	ucture	;										
	а	Agri Bund (with H.P. Culvert)	No.		3	2188720	4	2900000	-	-	-	-	1	1100000	8	61,88,720
	b	Agri Bund (with Box Culvert)	No.		3	3200000	-	-	-	-	-	-	-	-	3	32,00,000
	С	Earthen Agri Bund	No.		2	1250000	3	1518720	1	700000	1	1000000	-	-	7	44,68,720
	ii	Water Harvesting St	ructu	re						•	L			•		
	а	Reclamation of Marshy land with H.P. Culvert	No.		2	650000	2	500000	4	1066740	2	994760	1	250000	11	34,61,500
	b	Reclamation of Marshy land with Box Culvert	No.		2	1750000	2	900000	2	1000000	-	-	1	400000	8	45,70,000
	с	Water Conservation with DSW	No.		1	1000000	-	-	-	-	-	-	-	-	1	10,00,000
	d	Rain Water Harvesting	No.		-	-	-	-	-	-	-	-	1	262300	1	2.62,300
	е	Reclamation of Drainage Channel	No.		1	600000	-	-	1	400000	1	600000	-	-	3	16,00,000
	f	Excavation of Drainage Channel	No.		1	400000	-	-	-	-	-	-	-	-	1	400000

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	¥				1	I <sup>st</sup> year	<b>2</b> <sup>n</sup>	<sup>d</sup> year	<b>3</b> <sup>r</sup>	<sup>d</sup> year	4	<sup>th</sup> year		5 <sup>th</sup> year		Total
SI. No	Componer	Activities	Unit	Unit Cost (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
	g	Excavation & construction of Brick Canal	No.		-	-	2	1520000	-	-	-	-	-	-	2	1520000
	h	Renovation of Pond	No.		1	400000	-	-	1	400000	1	300000	-	-	3	11,00,000
	i	Construction of Farm Pond	No.		6	4000000	11	6600000	6	3500000	-	-	1	400000	23	145,00,000
iii	Veg	etative Cover														
	а	Nature Conservation	Hact		-	-	2.00	1500000	-	-	-	-	-	-	2	1500000
	b	Horticulture	Hact		-	-	-	-	4.00	2100000	-	-	-	-	4.00	2100000
	Tota	İ			22	15438720	25	15438720	19	9166740	5	2894760	5	2412300	76	45351240
6	Adm	ninistration				<b>.</b>	<b>I</b>		1				I	1		
	а	WC office expenditure	No.	36000	4	144000	4	144000	4	144000	4	144000	4	144000		7,20,000
	b	WSsecretarySalary	No.	48000	4	192000	4	192000	4	192000	4	192000	4	192000		9,60,000
	с	StationaryTA & Miscellaneous	-	-	-	1029840	-	1029840	-	1029840	-	1029840	-	1029840		51,49.200
	d	Salary of Accountant	No.	300000	1	300000	1	300000	1	300000	1	300000	1	300000		15,00,000
	е	Salary of DEO	No.	264000	1	264000	1	264000	1	264000	1	264000	1	264000		1,32,000
	Tota	al				1929840		1929840		1929840		1929840		1929840		9649200
7	Mon	hitoring & Evaluation														
7	<b>Mon</b> a	itoring & Evaluation Monitoring & Evaluation	No.	482460	-	-	1	482460	1	482460	1	482460	1	482460	4	1929840

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1	2	3	4	5		6		7		8		9		10		11
	nt	<i>(</i> 0		t.	1	<sup>st</sup> year	<b>2</b> <sup>n</sup>	<sup>d</sup> year	3 <sup>r</sup>	<sup>d</sup> year	4	<sup>th</sup> year	:	5 <sup>th</sup> year		Total
SI. No	Compone	Activities	Unit	Unit Cos (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
8	Deta	ail Project Report (DPR)														
	а	DPR preparation including Socio-economic survey, PRA etc.	No.	964920	1	964920	-	-	-	-	-	-	-	-	1	964920
Total					1	964920	-	-	-	-	-	-	-	-	1	964920
9	Natu	Iral resource Manageme	nt Gov	vernance	•		•						•			
	I	Maintenance of Natural Re	source	Related A	ssetts	•										
	а	Meeting with PRI	No.	0.05	8	0.40	8	0.40	8	0.40	8	0.40	-	-	32	1.60
	b	Preparation of overall Project Development Plan	No.	0.05	4	0.20	4	0.20	4	0.20	4	0.20	-	-	16	0.80
	С	Meeting with Annual Audit	No.	0.05	2	0.10	2	0.10	2	0.10	2	0.10	-	-	8	0.40
	II	Water Budgeting								-			_			
	а	Ground Water Monitoring (twice a year)	No.	0.08	27	2.16	27	2.16	27	2.16	27	2.16	-	-	108	8.64
	b	Training for the Monitoring Exercise	No.	0.20	2	0.40	2	0.40	2	0.40	2	0.40	-	-	8	1.60
		Protection & Regulation/R	egenera	ation of co	mmon	land (for the	e protec	tion of the u	ipper re	aches of w	/atersh	ed slopes)	_			
	а	Meeting with Departmental Officer & staff of Forest, Agriculture, Veterinary etc. for protection of the upper reaches of watershed slopes)	No.	0.05	8	0.40	8	0.40	8	0.40	8	0.40	-	-	32	1.60

1	2	3	4	5		6		7		8		9		10		11
	۲.				1	<sup>st</sup> year	2 <sup>n</sup>	<sup>d</sup> year	3 <sup>r</sup>	<sup>d</sup> year	4	<sup>th</sup> year	ļ	5 <sup>th</sup> year		Total
SI. No	Componer	Activities	Unit	Unit Cost (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
	b	Formation of UG & Mobility	No.	0.02	40	0.80	40	0.80	40	0.80	40	0.80	-	-	160	3.20
	с	Formation of Voluntary Organization & Mobility	No.	0.03646	10	0.36460	10	0.36460	10	0.36460	10	0.36460	-	-	40	1.4584
Tota	l					482460		482460		482460		482460	-	-		1929840
10	Con	solidation & Withdrawa	al Phase	e		<u> </u>	<b>I</b>	<u> </u>		<u> </u>		<u> </u>	<u> </u>	<u> </u>		
	а	Consolidation & Withdrawal Phase	No.	2894760	-	-	-	-	-	-	-	-	1	2894760	1	2894760
<b>Fotal</b>	1	1	1		-	-	-	-	-	-	-	-	1	2894760	1	2894760
GRA	AND TOTAL					24123000		24123000		2412300 0		1447380 0		9649200		96492000

Source : From Field Survey and as per Norms

SI. No.	Name of the activity	Total Cost (Rs.)	Total Benefit expected * (Rs.)	BCR	Remarks
1	EPA	19,29,840.00	22,57,913.00	1.17:1	
2	NRM	453,51,240.00	643,98,761.00	1.42:1	The benefi
3	Production System	144,73,800.00	248,94,936.00	1.72:1	cost ratio wil
4	Livelihood for Asset	144,73,800.00	246,05,460.00	1.70:1	further increase from
5	Institution and Capacity building	28,94,760.00	37,63,188.00	1.30:1	the next year.
6	Overall	791,23,440.00	1199,20,258.00	1.52:1	

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

# Chapter 8 Consolidation and completion of various works

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

SI.	Component				Impleme	ntation Pha	se			Consolida	tion/exit Phase	Total(Rs.)
No			1 <sup>st</sup> Year		2 <sup>nd</sup> Year		3 <sup>rd</sup> Year		4 <sup>th</sup> Year	5	<sup>th</sup> Year	
		Phy (No/ Unit)	Fin (Rs.)	Phy (No/ Unit)	Fin (Rs.)							
1	Entry Point Activities (2%)	2%	19,29,840.00	-	-	-	-	-	-	-	-	1929840.00
2	DPR Preparation by PIA(1%)	1%	9,64,920.00	-	-	-	-	-	-	-	-	964920.00
3	Institution & Capacity Building (3%)	1.5%	14,47,380.00	0.5%	4,82,460.00	0.5%	4,82,460.00	0.25%	2,41,230.00	0.25%	2,41,230.00	28,94,760.00
4	Productivity Enhancement (15%)	1%	9,64,920.00	3%	28,94,760.00	6%	57,89,520.00	4.25%	41,00,910.00	0.75%	7,23,690.00	1,44,73,800.00
5	Livelihoods for Asset less (15%)	1%	9,64,920.00	2.5%	24,12,300.00	6%	57,89,520.00	4.5%	43,42,140.00	1%	9,64,920.00	1,44,73,800.00
6	Natural Resource Management (47%)	16%	154,38,720.00	16%	154,38,720.00	9.5%	91,66,740.00	3%	28,94,760.00	2.5%	24,12,300.00	4,53,51,240.00
7	Monitoring (2%)	-	-	0.5%	4,82,460.00	0.5%	4,82,460.00	0.5%	4,82,460.00	0.5%	4,82,460.00	19,29,840.00
8	NRM & Governance (2%)	0.5%	4,82,460.00	0.5%	4,82,460.00	0.5%	4,82,460.00	0.5%	4,82,460.00	-	-	19,29,840.00
9	Consolidation phase (3%)	-	Nil	-	Nil	-	Nil	-	Nil	3%	28,94,760.00	2894760.00
10	Management Cost (10 %)	2%	19,29,840.00	2%	19,29,840.00	2%	19,29,840.00	2%	19,29,840.00	2%	19,29,840.00	96,49,200.00
		25%	241,23,000.00	25%	241,23,000.00	25%	241,23,000.00	15%	144,73,800.00	10%	96,49,200.00	96492000.00

Source : From Field Survey and as per Norms

## CHAPTER – 9 EXPECTED OUTCOMES

### 9.1: Describe in detail the "Expected Outcomes"

Employment has always been a problem in the village. The principal occupations of the people are land agriculture, animal husbandryand casual labour work. However, rain fall being periodic hence agriculture suffers, i.e. at best they can take only a single crop, whichkeeps them partially engaged for about 6-7 months. Lack of fodder makes animal husbandry very difficult too. So, animal husbandrydoes not keep them engaged full time. Thus the people mainly depend upon casual labour, either in the village itself or outside it. Theproject plans for creation of both wage employment and self employment opportunities. Wage employment would be created by engaging people in watershed physical works like construction of earthen bunds, farm bunds, village pond, plantation, etc. Selfemployment would be created by providing the people with cash support in the form of direct livelihood activities like agriculture, animal husbandry and enterprise development.

1		2	3	4	5	6
S. No.		ltem	Unit of measurement	Pre- project Status	Expected Post- project Status	Remarks
1	Status of water tal level)	ble (Depth to Ground water	Meters	8.00	7.85	
2	Ground water stru	ctures repaired/ rejuvenated	No.		5	
3	Quality of drinking	water	Description	Treated	Potable	
4	Availability of drinl	king water	Description	70%	90%	
5	Increase in irrigati	on potential	Hec.	-	1000	
6	Change in croppir	ng/ land use pattern	Description	From single	To double & multiple	
	Area under agricu	Itural crop	Hec.	5053.61	5144.50	
	1	Area under single crop	Hec.	3470.61	2759.50	
7	li	Area under double crop	Hec.	1140.00	1505.00	
	iii	Area under multiple crop	Hec.	443.00	880.00	
8	Net increase in crop production area	Hec.	Qnt.	7079.61	8409.50	
9	Increase in area under Vegetation/Forest	Hec.	Hec.	12.00	15.00	
10	Increase in area under horticulture	Hec.	Hec.	10.00	16.00	

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

1	2	3	4	5	6
S. No.	ltem	Unit of measurement	Pre- project Status	Expected Post- project Status	Remarks
11	Increase in area under fuel	Hec.	Nil	2.00	
12	Increase in area under Fodder	Hec.	Nil	7.00	
13	Increase in milk production	Litres/day	0.5 to 2.0	2.0 to 3.5	Per household
14	Environmental Impact Change in Soil Loss Perenniality of flow and change in Run- offRecharge of ground water	Tone/Hact/Year	0.009	0.005	
14	No. of SHGs Promoted	No.	136	236	
15	Increase in no. of livelihoods	No.	2052	2631	
16	Increase in income	Rs.	10,000.00	15,000.00	Per HH/month
17	Status of Migration	No.	3820	3056	
18	SHG Federations formed	No.	Nil	1	
19	Credit linkage with banks	Rs.	Nil	40.00 lakhs	
20	Resource use agreements		Nil	Initiated	
21	WDF collection & management	Rs.	Nil	22,67,562.00	
22	Summary of lessons learnt	Description Area of if irrigation potentia are roped under liv activities with seve economic/socio-eo	ould progres al is enhance velihood gene eral other tech conomic effor	s and become se d, asset less eration/micro-ent hno ts	elf-sufficient

Table No.9.3: Backward and Forward Linkages:

TypeofMarketingFacility	Nameofthe	Pre-project(no.)	Expectedpostprojectstatus
		79	

11 <u>11111111111111111111111111111111111</u>	institution	<u>1967   967   967   967   967   967   967   967   967   967   967   967   967   967   967   967   967   967   9</u>	
(A) Backward			
linkages			
(i) Seedcertification	Govt.ofAssam	Nil	Willbedone
(ii) Seedsupplysystem	Co-operativeand AgricultureDept.	Nil	StrongSeedsupplysystemwillbedeveloped
(iii) Fertilizersupply System	Co-operativeandlocal fertilizerdealer	Nil	StrongFertilizersupplysystemwill be developed
(iv) Pesticidesupply System	LocalPesticideDealer	Nil	StrongPesticidesupplysystemwillbe developed
(v) Creditinstitutions	Co-operative Bank,SHG,LocalBank,No dalBanketc.	Nil	InternalCreditlinkwillbedevelopedamongSH G,LocalBank,Co- operativeBanketc.andexternalcreditlinkfromc ommercial/nodal banks.
(vi) Watersupply	WaterUserGroup	Nil	Willbedeveloped,
(vii) Extensionservices	KVK,ATMA, Agriculture Dept.,NGOs	2	Strongextensionserviceswillbedevelopedamo ng all institutions
(viii)Nurseries	SHG,Horticulture Nursery,LocalNursery	Nil	Strongextensionserviceswillbedeveloped amongallinstitutions
(ix)Tools/machinery Suppliers	Agri.Deptt.	1	WillContinued
(x) PriceSupport System	AgDeptt,VettyDept.	1	WillContinued
(xi) Labour	Local wagelabour	9792 nos	Strongnetworkwillbedeveloped
(B) Forwardlinkages		Nil	Strongnetworkwillbedeveloped
(i) Harvesting/threshing Machinery	Locallevel	3	Strongnetworkwillbedeveloped
(ii) Storage(including coldstorage)	Locallevel	Nil	Strongnetworkwillbedeveloped
(iii) Roadnetwork	Locallevel	1	Strongnetworkdevelop
(iv) Transportfacilities	Locallevel	1	Strongnetworkdevelop
(v) Markets/ Mandis	Localcommittee, Cooperative	3	Institutionwilltakeinitiativesothat beneficiarieswillgetbetteropportunities.
(vi) Agroandother Industries	Localcommittee, Cooperative	Nil	Institutionwilltakeinitiativesothat beneficiarieswillgetbetteropportunities.
(vii) Milkandother collectioncenters	Localcommittee, Cooperative	Nil	Institutionwilltakeinitiativesothat beneficiarieswillgetbetteropportunities.

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### CHAPTER – 10

# Table No.10: Area taken up for Treatment:

SI. No.	Component		Total Area taken up for treatment as per D	PR (Hact)
			a. Soil & Moisture Conservation Structure	1719.00
1	NRM Activities	А	b. Water Harvesting Structure	2656.00
			c. Vegetative Cover	6.00
	Production System		a. Reclamation of problematic soils	Nil
2	(Land Based	В	b. Organic Farming	Nil
	Activities)		c. Horticulture	5.00
		Total	C = A + B	4386.00
	N.B.: C. To	tal Tar	get Area to be Treated = Project Treatable Area	

		ANNEXURE-II SDG Format		
Т	OTAL TARGET AREA TO	BE TREATED DURING IMPLEMENTATION C	F THE PROJECT UNDER	WDC-PMKSY 2.0
PROJ	ECT: Golaghat-1(Doigr	ung)WDC-PMKSY 2.0/2021-22		
SI	Component	List of Activities		Total Treatable
lo.		(As per 5 Year Action I	Area to be	
		Name of Activities	Location	benefitted (Ha)
		Agri Field Bund with RCC Box Culvert at paddy Field of Halmira Grant Gaon	Halmira Grant gaon	140.00
		RCC Box culvert at Dhansiripar gaon Mudoi chuk	Dhansiripar gaon	103.00
		RCC Drop spillway at Mohkhuti jan	Na-Pomua gaon	98.00
		Agri Field Bund with RCC Box Culvert at	Salmira mohkhuti	100.00
		paddy Field of Salmira mohkhuti gaon	gaon	79.00
		at paddy Field Kordoiguri to Jathipotia village	Kendugun village	78.00
		Agri Field Bund with Hume pipe Culvert at paddy Field Kordoiguri to Jathipotia village	Kenduguri village	88.00
		Agri Field Bund near paddy field of Pushna karmakar	Jathipotia	88.00
		Agri Field Bund with H.P.C ulvertAt Miripathar	Miripathar	67.00
		Excavation of Farm pond near Gouranga	Sarorgaon	60.00
0		Installation of Hume pipe culvert	Sarorgaon	24.00
1		Drainage line treatment(Remodeling)for	Prajabosti	58.00
2	NRM	Excavation of Farm pond near Doyal	No-2 Koiborta	48.00
_		sankar Boras House		
3		Installation of Hume pipe culvert Sankar Tantis House to Anuj Saikias House	Gorongajan pt-ii	38.00
4		Agri Field Bund Solmariroad to Bholachapori	Panikora	33.00
5		Excavation of Farm pond near Sanjib	Kachari gaon	48.00
6		Installation of RCC BOX culvert at	Kachari gaon	68.00
7		Marshy land development with creation	Ponkial	140.00
8		Agri field bund with H.P.Culvert at Paddy	Dholagaon	58.00
9		field at Dhola gaon paddy field Excavation of farm pond at Paddy field	Dholagaon	48.00
_		of Anil Tamuly	Chasamulth	20.00
J		chechamukh to Goruchora bill	Спезатикп	38.00
1		Marshy land development with creation of pond near Garuchara Bill	Chesamukh	38.00
2		Renovation of pond near Garuchara Bill	Chesamukh	39.00
3		Marshy land development with creation	Halmira Grant gaon	87.00

24		Marshy land development with creation	Dhansiripar gaon	79.00
25		Installation of hume pipe culvert	Dhansiripar gaon	24.00
26		Marshy land development with creation of pond Ph-I	Na-Pomua gaon	48.00
27		Marshy land development with creation of pond Ph-II	Na-Pomua gaon	50.00
28		Water distribution channel (Brick) from Mohkhuti jan stream	Na-Pomua gaon	97.00
29		Marshy land development with creation of pond at Tall Grant	Salmira mohkhuti gaon	88.00
30		Integrated nature conservation with soil and moisture conservation	Bhulaguri village	146.00
31		Agri Bund at Jathipotia	Jathipotia	58.00
32		Agri Field Bund at Borali	HalwaGaon	77.00
33		Excavation of Farm pond near Anuj Saikias House	Kachari gaon	37.00
34		Excavation of Farm pond near Rupom Boras House	Kachari gaon	38.00
35		Excavation of Farm pond near Prodip Boras House	No-3 Koiborta	38.00
36		Installation of Hume pipe culvert near Sondiram Thengals House	No-3 Koiborta	25.00
37		Installation of RCC BOX culvert at Hanschora jan	Telia Gaon	37.00
38	NRM	Agri Field Bundwith H.P.Culvert Sarku LamasPaddy field to Sunil Bhuyans Paddy field	Kordoiguri	88.00
39		Excavation of Farm pond near Binud Rais Paddy field	Kordoiguri	37.00
40		Agri Field Bund with Hume Pipe Culvert Kamal Rajbonsis paddy Field to Balitup	Kordoiguri	75.00
41		Marshy land development with creation of pond at Kamal Rajbonsis paddy Field	Kordoiguri	77.00
42		Water distribution channel (Brick) near Podumoni beel	Ponkial	49.00
43		Agri Field Bund with Hume Pipe Culvert Kohorapar village to Kenduguri	Kohorapar	50.00
44		RCC Box culvert at Agri fild of kohorpar village	Kohorapar	49.00
45		Agri field bund with H.P.Culvert at Paddy field at Dhola gaon paddy field 1	Dholagaon	60.00
46		Agri field bund with H.P.Culvert at Paddy field at Dhola gaon paddy field	Dholagaon	10.00
47		Excavation of farm pond at Paddy field of Biswajit Boruah	Dholagaon	47.00
48		Marshy land development with creation of pond at Tall Grant	Halmira Grant gaon	88.00
49		Horticulture plantation	Halmira Grant gaon	58.00
50		Horticulture plantation	Na-Pomua gaon	50.00
51		Horticulture plantation	Na-Pomua gaon	51.00
52		Horticulture plantation	Na-Pomua gaon	49.00
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53		Hume pipe Culvert at paddy Field	Kenduguri village	26.00		
55		RCC BOX CULVERT at paddy	Kenduguri village	49.00		
56		Agri Field Bund Ph-I	Mithaamchapori village	72.00		
57		Farm pond Ph-I	Mithaamchapori village	38.00		
58		Farm pond Ph-II	Mithaamchapori village	40.00		
59		Farm pond Ph-III	Mithaamchapori village	52.00		
60		Marshy land development with creation of pond near buka bill	Jathipotia	90.00		
61		RCC Box Culvert at paddy Field road	Jathipotia	48.00		
62		Installation of Hume pipe culvert Biren Rajuar House to Babul Ghatwar House	Gorongajan pt-ii	18.00		
63		Installation of Hume pipe culvert Rajkumar Tantis House to Sankar Tanti House	Gorongajan pt-ii	18.00		
64		Installation of Hume pipe culvert Ruhit Rajwars House to Rajen Tanti House	Gorongajan pt-ii	38.00		
65		Excavation of Farm pond near Ujjal Boras House	Panikora	37.00		
66		Remodeling of Farm pond near Simsong Sorengs House	Gorongajan pt-I	38.00		
67		Drainage line treatment (Remodeling)for water distribution of Haldhibari Stream	Gorongajan pt-I	38.00		
68		Agri Field Bund	Mithaamchapori village	102.00		
69		Renovation of Farm pond near Jatin Sarmas House	Sarorgaon	28.00		
70		Installation of Hume pipe culvert Kaligupal Namghar to Dholajan connecting road	Sarorgaon	49.00		
71		Drainage line treatment(Remodeling)for water distribution of Garangajan Stream	Sarorgaon	54.00		
72		Installation of Hume pipe culvert near Kalisoron House to no.5 Purajangal connecting road	Prajabosti	50.00		
73		Excavation of Farm pond near Rituraj	Prajabosti	41.00		
74		Installation of RCC BOX culvert near Diganta Thengal House	No-2 Koiborta	38.00		
75		Installation of Hume pipe culvert Jiten Das House to Aiit Duttas House	Panikora	23.00		
76		Agri Field Bund with Hume Pipe Culvert Kohorapar village to Chechamukh	Kohorapar	100.00		
77		Rain water harvesting tank near Dholaguri M.E.School	Dholagaon	24.00		
	4378.00					
78	Production System (Land Based Activities)	Horticulture Plantation		8.00		
	Total B					
	4386.00					
		84				







# WATERSHED COMMITTEE FORMATION









# PRA MEETING









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