

DETAILED PROJECT REPORT (DPR) Cachar-WDC-1 / 2021-22 (UPPER GHAGRA)

PREPARED FOR:
STATE NODAL AGENCY, WDC-PMKSY, Assam
R. G. BARUAH ROAD, GUWAHATI

**PREPARED BY,
CACHAR SOIL CONSERVATION DIVISION
SILCHAR : : CACHAR**

DETAILED PROJECT REPORT OF Cachar-WDC-1 / 2021-22 (UPPER GHAGRA) (2021 – 2026)

Micro Watershed : (1) Krishnapur MWS, (2) Niz Joynagar MWS
(3) Salchapra MWS, (4) Patherigram MWS

Micro Watershed Code No : (1) 3C2C4a7 (2) 3C2C4d2, (3) 3C2C4s2, (4) 3C2C4d1

WDC-PMKSY Project : Cachar-WDC-1/2021-22 (Upper Ghagra)
Block : Salchapra, Katigorah & Borkhola Dev. Block
District : Cachar
Name of the PIA : Divisional Officer, Cachar Soil Conservation Division, Silchar

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EXECUTIVE SUMMARY

- **Brief about area:**

The Cachar-WDC-1/2021-22 (Upper Ghagra) lies in the State of Assam which is located in Salchapra, Katigorah & Borkhola Development Block of Cachar District. The project area is located in between 24°54'36" N to 24°52'53" N Latitude and 92°43'40" E to 92°43'24" E Longitude. The Watershed area covered 30 nos. of revenue villages. This project is a cluster of five micro watersheds with codes 3C2C4a7, 3C2C4d2, 3C2C4s2, 3C2C4d1. The total project area of the watershed is 4825.0 Ha. out of which 3421.0 Ha. area has been undertaken as treatable area under New Generation WDC-PMKSY 2.0.

Cachar-WDC-1/2021-22 (Upper Ghagra) project area has a total of 10924 House Holds with a population of 76522 nos. (as per socio-economic survey) out of which 39365 nos. are male and 38740 nos. are female. The sex ratio is 957 female to 1000 male. There are 9376 BPL families. The average family size is 7. The literacy rate is 65%. Male literacy is 56% and female literacy is 44%. The major castes in the village are General, SC, ST & OBC. The means of livelihood for most of the population comes from agriculture.

- **Institutional Arrangement:**

The Divisional Officer, Cachar Soil Conservation Division is the PIA of Upper Ghagra WDC-PMKSY, Cachar – 1 watershed project. The PIA is responsible for supervising, planning, implementing, documenting and promoting watershed development projects in the area as per guidelines. Having dedicated the experienced staff and a multi disciplinary team enables the PIA to execute the watershed programme. The experienced staff and multi disciplinary teams under the PIA comprises of experts in the field of soil conservation, agriculture, animal husbandry, social science etc. as WDT members.

- **Salient Project Activities:**

People's participation and collective action are essential elements for successful implementation of any watershed project. These has been emphasized in the project and the project activities has been designed keeping in mind sustainability, equity and participation of both the organization as well as the villagers. Water harvesting structure like Gully Control Project and Excavated Pond, Boulder Spurs, Boulder Revetment, Water Distribution Channel, Demonstration Plot to introduce Systematic Rice Intensification (SRI) are some of the activities which have been decided to be executed in the watershed project areas. Various demonstrations would be practiced upon in order to improve agriculture practice and training programmes for capacity building to improve livelihood has been planned to be executed in the village. The development activities will be carried out by the watershed committees under joint supervision of President of Watershed Committee and PIA. Further it will be evaluated by the villagers in the Gaon Sabha who to are stake holders. The WDT Members and PIA will be providing supervisory guidance in the context of technical support and capacity building programme etc. A total 99326 mandays have been estimated and a sum of Rs. 49.663 Lakhs will be generated as watershed development fund.

HEAD WISE BREAKDOWN OF BUDGET FOR 5 YEARS UNDER WDC-PMKSY 2.0

Major Head	Sub Head	% of Budget	Allocation in % by Year				
			Phase -I: Preparatory	Phase- II: Work			Phase-III Consolidation
			1st Year	2nd Year	3rd Year	4th Year	5th Year
Administrative	Management Cost	10	2	2	2	2	2
	Monitoring	1	0	0.25	0.25	0.25	0.25
	Evaluation	1	0	0.25	0.25	0.25	0.25
Preparatory Phase	Entry Point Activity	2	2	0	0	0	0
	DPR	1	1	0	0	0	0
	Institution & CB	3	1.5	0.5	0.5	0.25	0.25
Work Phase	Watershed Development works	47	16	16	9.5	3	2.5
	Natural Resource Management & Governance	2	0.5	0.5	0.5	0.5	0
	Livelihood activities (Asset less)	15	1	2.5	6	4.5	1
	Production System & Micro Enterprise	15	1	3	6	4.25	0.75
Consolidation & Withdrawal Phase		3	0	0	0	0	3
	TOTAL	100	25	25	25	15	10

Overall Breakup of Project Fund under all components during the Project Period -

Treatable Area = 3821.0 Ha.

Total Project Outlay = 752.62 Lakhs

Project Duration = 2021 – 22 to 2026 – 27

(Financial figures in Lakh)

Major Head	Sub Head	% of Budget	Allocation by Year					Total
			Phase -I: Preparatory	Phase- II: Work			Phase- III: Consolidation	
			1st Year	2nd Year	3rd Year	4th Year	5th Year	
Administrative	Management Cost	10	15.0524	15.0524	15.0524	15.0524	15.0524	75.262
	Monitoring	1	0	1.88155	1.88155	1.88155	1.88155	7.5262
	Evaluation	1	0	1.88155	1.88155	1.88155	1.88155	7.5262
Preparatory Phase	Entry Point Activity	2	15.0524	0	0	0	0	15.0524
	DPR	1	7.5262	0	0	0	0	7.5262
	Institution & CB	3	11.2893	3.7631	3.7631	1.88155	1.88155	22.5786
Work Phase	Watershed Development works	47	120.4192	120.4192	71.4989	22.5786	18.8155	353.7314
	Natural Resource Management & Governance	2	3.7631	3.7631	3.7631	3.7631	0	15.0524
	Livelihood activities (Asset less)	15	7.5262	18.8155	45.1572	33.8679	7.5262	112.893
	Production System & Micro Enterprise	15	7.5262	22.5786	45.1572	31.98635	5.64465	112.893
Consolidation & Withdrawal Phase		3	0	0	0	0	22.5786	22.5786
	TOTAL	100	188.155	188.155	188.155	112.893	75.262	752.62

CHAPTER 1

Introduction and Background

INTRODUCTION

- Name of the State : Assam
- Name of the District : Cachar
- Names of the Blocks : Salchapra, Katigora & Borkhola Dev. Block
- Name of the project : Cachar-WDC-1/2021-22 (Upper Ghagra)
- Financial Year of sanction : 2021-22
- Project duration : From 2021 – 22 to 2026 – 27
- Map of the project area showing village boundaries, contours and drainage.

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	Cachar-WDC-1/2021-22 (Upper Ghagra)		
3	Name of the District	Cachar		
4	Name of the Blocks	Salchapra, Katigora & Borkhola Dev. Block		
5	Name of Gram Panchayats	(1) Srikona, (2) Rajnagar, (3) Salchapra, (4) Kumarpara Niz-Joynagar, (5) Krishnapur-Bhairabnagar, (6) Fulbari, (7) Chesri		
6	Names & Census Code of Villages covered	Sl. No.	Village Name	Census code
		1	Ujangram	02429900
		2	Bhairabnagar	02427400
		3	Purandarpur	02430100
		4	Krishnapur	02427500

6	Names & Census Code of Villages covered	5	Sarail	02427600
		6	Peladahar	02427800
		7	Dubag	02427700
		8	Raipur	02427900
		9	Niz-Joynagar	02428000
		10	Kumarpara	02430000
		11	Balighat	02429700
		12	Rakhal Khalerpar Pt-I	02430200
		13	Rakhal Khalerpar Pt-II	02431500
		14	Manikpur	02430300
		15	Nischintapur	02430400
		16	Algapur	02430500
		17	Patherigram	02430600
		18	Mahadevpur	02406000
		19	Hatirhar Pt-I	02430700
		20	Srikona Pt-I	02431600
		21	Hatirhar Pt-II	02430800
		22	Sridharpur	02430900
		23	Ghagrpar Pt-II	02431400
		24	Srikona Pt-II	02433900
		25	Salchapra Pt-I	02431300
		26	Salchapra Grant	02434000
		27	Srikona Pt-III	02434100
		28	Sripur Pt-II	02405200
		29	Salchapra Pt-III	02431100
		30	Salchapra Pt-II	02431200

7	Four Major reasons for selection of watershed	(1) Preponderance of Poverty and unavailability of other sectors as the means of livelihood for the land less and the Poorest. (2) Lack of water harvesting and soil/ moisture conservation means, also other irrigation facilities to have a good Crop round the year. (3) Abundance of degraded land. (4) Congestion of natural drainage system & other water bodies.
8	Name, Address, Phone No. and Reg No. of the PIA(s)	Divisional Officer, Cachar Soil Conservation Division, Silchar
9	Date of approval of Watershed Development Plan by the DPC	
10	Area of the Project (ha.)	4825.00 Ha.
11	Area proposed to be treated (ha.)	3421.00 Ha.
12	Financial Year of sanction	2021-22
13	Project duration	5 years (2021-22 to 2026-27)
14	Project Cost (Rs. in Lakhs)	752.62 Lakhs
15	Date of Sanction by State Authority	
16	Date of Release of 1st installment of Central Assistance (To be filled by DoLR)	
17	Any other, please specify	

Source: Village Directory & Block Office

Table No. 1.2 Need and Scope for Watershed Development

About 80-90% of the total population of the area is totally dependent on agriculture. The area has been facing many problems right from low ground water table to perennial flash flood. Due to erratic climatic character, the project area has to face occasional drought like situation also. Adverse climatic conditions, poor mobilization of the resources and inadequate agriculture infrastructure are some of the factors responsible for the underdeveloped condition of the area. Hence, it is anticipated that the project area of over 4825.0 Ha. would undoubtedly boost the living standards of the people of the area through the improvement in agriculture and allied

activities. The degradation of the natural wet land & drainages has also created the problem of water logging in the catchment areas.

Degradation of soil & water resources is considered not only as an extreme constraint to sustainable agricultural development but also a peril to the society. Poor ecosystem management results in poor functioning of watershed, hence there is a need to protect and preserve the quality of the ecosystem.

Watershed Management is the implementation of management system that guarantees the preservation, conservation and sustainable use of all land and water resources. Watershed management also integrates various aspects of Forestry, Agriculture, Hydrology, Ecology, Pedology etc. for choosing acceptable management alternative within the specific social & economic context. As mentioned above, the area of Upper Ghagra WDC-PMKSY watershed suffers from degradation of natural resources, soil erosion, situation & therefore there is a tremendous scope of executing watershed development activities in the watershed area.

Project Name	Project Type	Weightage													Total
Upper Ghagra, Cachar-WDC-1/2021-22	Others (plain)	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	xiii	
		7.5	3	5	5	2	10	10	5	15	10	5	10	-	80.50

Source: As per PPR (District Profile)

Sl. No.	Criteria	Maximum score	Ranges & scores			
i	Poverty index (% of poor to population)	10	Above 80 % (10)	80 to 50 % (7.5)	50 to 20 % (5)	Below 20 % (2.5)
ii	% of SC/ ST population	10	More than 40 % (10)	20 to 40 % (5)	Less than 20 % (3)	

iii	Actual wages	5	Actual wages are significantly lower than minimum wages (5)	Actual wages are equal to or higher than minimum wages (0)		
iv	% of small and marginal farmers	10	More than 80 % (10)	50 to 80 % (5)	Less than 50 % (3)	
v	Ground water status	5	Over exploited (5)	Critical (3)	Sub critical (2)	Safe (0)
vi	Moisture index/ DPAP/ DDP Block	15	-66.7 & below (15) DDP Block	-33.3 to -66.6 (10) DPAP Block	0 to -33.2 (0) Non DPAP/ DDP Block	
vii	Area under rain-fed agriculture	15	More than 90 % (15)	80 to 90 % (10)	70 to 80% (5)	Above 70 % (Reject)
viii	Drinking water	10	No source (10)	Problematic village (7.5)	Partially covered (5)	Fully covered (0)
ix	Degraded land	15	High – above 20 % (15)	Medium – 10 to 20 % (10)	Low- less than 10 % of TGA (5)	

x	Productivity potential of the land	15	Lands with low production & where productivity can be significantly enhanced with reasonable efforts (15)	Lands with moderate production & where productivity can be enhanced with reasonable efforts (10)	Lands with high production & where productivity can be marginally enhanced with reasonable efforts (5)	
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 within 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)	
	Cluster approach in the hills (more than one contiguous micro-watersheds in the project)		Above 5 micro-watersheds in cluster (15)	3 to 5 micro watersheds in cluster (10)	2 to 3 micro watersheds in cluster (5)	

Table no.1.3: Watershed information

Sl no	Name of Project	Watershed Code	Villages to be Treated	Geographical Area(Ha)	Treatable Area(Ha)	Approval Year
1.	Cachar-WDC-1/2021-22 (Upper Ghagra)	Krishnapur MWS – 3C2C4a7	Ujangram	134	93	2021-22
			Bhairabnagar	223	123	
			Purandarpur	188	138	
			Krishnapur	200	131	
			Sarail	82	52	
			Peladahar	76	67	
			Dubag	73	36	
			Raipur	135	101	
		Niz Joynagar MWS – 3C2C4d2	Niz-Joynagar	197	146	
			Kumarpara	189	167	
			Balighat	93	58	
			Rakhal Khalerpar Pt-I	307	235	
			Rakhal Khalerpar Pt-II	168	136	
		Patherigram MWS – 3C2C4s2	Manikpur	229	168	
			Nischintapur	113	65	
			Algapur	134	86	
			Patherigram	152	48	
			Mahadevpur	88	77	
			Hatirhar Pt-I	139	102	
			Srikona Pt-I	345	274	

Sl no	Name of Project	Watershed Code	Villages to be Treated	Geographical Area(Ha)	Treatable Area(Ha)	Approval Year
1.	Cachar-WDC-1/2021-22 (Upper Ghagra)	Salchapra MWS - 3C2C4d1	Sridharpur	116	91	2021-22
			Ghagrpar Pt-II	174	104	
			Srikona Pt-II	273	260	
			Salchapra Pt-I	217	138	
			Salchapra Grant	101	60	
			Srikona Pt-III	94	61	
			Sripur Pt-II	291	255	
			Salchapra Pt-III	56	55	
			Salchapra Pt-II	125	42	
	TOTAL =	04 Nos. of MWS	30 Nos. of Villages	4825	3421	
			Hatirhar Pt-II	113	52	

Source: Village Directory / Census 2011

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

Sl. No.	Name of the programme / scheme	Sponsoring agency	Objectives of the programme / scheme	Year of commencement	Villages covered	Estimated number of beneficiaries
1.	MGNREGA	DRDA	1. Income generation 2. Overall area development	2006 – 07	All villages of the project	--
2.	BRGF	Zilla Parishad	1. Development	2007 – 08		--
3.	IAY	DRDA	1. Housing	2009 – 10		--

4.	TFC	Zilla Parishad	1. Infrastructure Development	2010 – 11		--
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Source: DRDA / Zila Parishad, Cachar

Table No. 1.5: Status of previous watershed programme-

S. No	Project name	Year started	Name of villages	No. Of micro watershed	Watershed codes	Area under treatment	Funding source	Nodal agency	PIA	Total cost	Expenditure incurred up to start of WDC-PMKSY	% financial completion	% physical completion
-----NIL-----													

CHAPTER 2

General Description of Project Area

Table 2.1: Location

Longitude	92°57'281" E to 92°56'310" E			
Latitude	24°47'335" N to 24°42'153" N			
State	Assam			
District	Cachar			
Subdivision	Silchar			
Block	Salchapra, Katigorah & Borkhola Dev. Block			
Panchayat	Srikona, Rajnagar, Salchapra, Kumarpara Niz-Joynagar, Krishnapur-Bhairabnagar, Fulbari, Chesri			
Villages	Krishnapur MWS	Niz Joynagar MWS	Patherigram MWS	Salchapra MWS
	Ujagram, Bhairabnagar, Purandarpur, Krishnapur, Sarail Peladahar, Dubag Raipur	Niz-Joynagar Kumarpara Balighat Rakhal Khalerpar Pt-I Rakhal Khalerpar Pt-II	Manikpur, Nischintapur Algapur, Patherigram, Mahadevpur, Hatirhar Pt-I, Srikona Pt-I	Sridharpur, Ghagrapar Pt-II, Srikona Pt-II, Salchapra Pt-I, Salchapra Grant, Srikona Pt-III, Sripur Pt-II, Salchapra Pt-III, Salchapra Pt-II
Approach Road	Silchar-Kalain Road			

Details of the types of areas covered under the project

The net geographical area of Cachar-WDC-1/2021-22 (Upper Ghagra) watershed is about 4821.0 Ha. About 73% (approx) off land is under agriculture which is completely rain-fed; mainly a *Kharif* crop is taken. About 27% (approx) of the total land is classified under wasteland of which 12% is cultivable and rest is uncultivable and tilla.

Table no: 2.2 Land Details

Sl. No.	Names of villages	Geographical Area of the village (ha)	Forest Area (ha)	Land under agricultural use (ha)	Rain-fed area (ha)	Permanent pastures (ha)	Wasteland	
							Cultivable (ha)	Non-cultivable (ha)
1	Ujangram	134	--	125	93	1	--	8
2	Bhairabnagar	223	--	112	112	--	11	100
3	Purandarpur	188	--	125	125	--	13	50
4	Krishnapur	200	--	144	106	1	25	30
5	Sarail	82	--	42	42	--	10	30
6	Peladahar	76	--	42	42	--	25	9
7	Dubag	73	--	67	36	1	--	5
8	Raipur	135	--	127	101	1	--	7
9	Niz-Joynagar	197	--	185	146	--	--	12
10	Kumarpara	189	--	167	167	--	--	22
11	Balighat	93	--	86	58	--	--	7
12	Rakhal Khalerpar Pt-I	307	--	286	224	1	11	9
13	Rakhal Khalerpar Pt-II	168	--	142	124	1	12	13
14	Manikpur	229	--	202	150	1	18	8
15	Nischintapur	113	--	104	58	1	7	1
16	Algapur	134	--	122	77	--	9	3
17	Patherigram	152	--	145	44	2	4	1
18	Mahadevpur	88	--	51	50	--	27	10
19	Hatirhar Pt-I	139	--	102	82	1	20	16

Sl. No.	Names of villages	Geographical Area of the village (ha)	Forest Area (ha)	Land under agricultural use (ha)	Rain-fed area (ha)	Permanent pastures (ha)	Wasteland	
							Cultivable (ha)	Non-cultivable (ha)
20	Srikona Pt-I	345	--	165	165	--	109	71
21	Hatirhar Pt-II	113	--	77	52	--	--	36
22	Sridharpur	116	--	91	91	--	--	25
23	Ghagrapar Pt-II	174	--	74	74	--	30	70
24	Srikona Pt-II	273	--	230	230	--	30	13
25	Salchapra Pt-I	217	--	125	125	--	13	79
26	Salchapra Grant	101	--	40	40	--	20	41
27	Srikona Pt-III	94	--	61	61	--	--	33
28	Sripur Pt-II	291	--	159	159	2	96	34
29	Salchapra Pt-III	56	--	--	--	1	55	--
30	Salchapra Pt-II	125	--	115	36	--	6	4
	30 Nos. of Villages	4825		3513	2870	14	551	747

Source: Village Directory / Census 2011

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

1	2	3				
Sl. No.	Name of village	No. of beneficiaries covered				
		MF	SF	LF	Landless	Total
1	Ujangram	239	85	3	148	475
2	Bhairabnagar	357	128	3	223	711
3	Purandarpur	98	35		62	196
4	Krishnapur	137	49	2	85	272
5	Sarail	70	25	1	43	139
6	Peladahar	84	30	1	52	167
7	Dubag	57	20		36	113
8	Raipur	94	33	32	56	186
9	Niz-Joynagar	265	95	1	166	527
10	Kumarpara	187	67	2	116	372
11	Balighat	175	63	2	108	348
12	Rakhal Khalerpar Pt-I	186	67	1	117	371
13	Rakhal Khalerpar Pt-II	149	53		95	296
14	Manikpur	132	47	1	82	262
15	Nischintapur	95	34	1	60	190
16	Algapur	71	26	1	44	142
17	Patherigram	89	32	2	54	176
18	Mahadevpur	227	81	2	142	452
19	Hatirhar Pt-I	89	32	1	55	176
20	Srikona Pt-I	362	130	2	227	720
21	Hatirhar Pt-II	163	58	1	102	324
22	Sridharpur	77	27		49	152
23	Ghagrpar Pt-II	86	31	1	54	172
24	Srikona Pt-II	326	117	2	204	648
25	Salchapra Pt-I	129	46	1	80	256

1	2	3				
Sl. No.	Name of village	No. of beneficiaries covered				
		MF	SF	LF	Landless	Total
26	Salchapra Grant	71	27	--	51	148
27	Srikona Pt-III	60	22	--	38	120
28	Sripur Pt-II	147	53	2	90	292
29	Salchapra Pt-III	77	27	1	48	152
30	Salchapra Pt-II	97	35	2	58	192
	Total	4396	1575	68	2745	8784

Source: Socio Economic Survey

Table No. 2.4: Details of Agro-climatic condition

1	2	3	4	5	6		7	
Sl. No.	Name of the Project	Name of the Agro-climatic zone covers project area	Area in ha	Names of the villages	Major soil types		Major crops	
					a) Type	b) Area in ha	a) Name	b) Area in ha
1	Upper Ghagra, Cachar-WDC-1/2021-22	012 (Agro climatic zone of Barak Valley)	4825	1. Ujangram 2. Bhairabnagar 3. Purandarpur 4. Krishnapur 5. Sarail 6. Peladahar 7. Dubag 8. Raipur 9. Niz-Joynagar 10. Kumarpara 11. Balighat 12. Rakhai Khalerpar Pt-I 13. Rakhai Khalerpar Pt-II 14. Manikpur 15. Nischintapur 16. Algapur 17. Patherigram 18. Mahadevpur 19. Hatirhar Pt-I 20. Srikona Pt-I 21. Hatirhar Pt-II 22. Sridharpur 23. Ghagrpar Pt-II 24. Srikona Pt-II 25. Salchapra Pt-I 26. Salchapra Grant 27. Srikona Pt-III 28. Sripur Pt-II 29. Salchapra Pt-III 30. Salchapra Pt-II	Alluvial	4825	Paddy	3421

Source: District Agriculture Census

Table No. 2.5 Details of flood and drought in the project area

1	2	3	4		5
Sl. No.	Particulars	Villages	Periodicity		Not affected
			Annual	Any other (please specify)	
1	Flood	Ujangram, Bhairabnagar, Purandarpur, Krishnapur, Sarail, Peladahar, Dubag, Raipur, Niz-Joynagar, Kumarpara, Balighat, Rakhal Khalerpar Pt-I, Rakhal Khalerpar Pt-II, Manikpur, Nischintapur, Algapur, Patherigram, Mahadevpur, Hatirhar Pt-I, Srikona Pt-I, Hatirhar Pt-II, Sridharpur, Ghagrapar Pt-II, Srikona Pt-II, Salchapra Pt-I, Salchapra Grant, Srikona Pt-III, Sripur Pt-II, Salchapra Pt-III, Salchapra Pt-II	Annually	--	--
2	Drought	All villages	--	Occasionally	--

Source: DDMA, Cachar

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

1	2	3	4	5
Cause	Type of erosion	Area affected (ha)	Run off (mm/ year)	Average soil loss (Tonnes/ ha/ year)
Water erosion				
a	Sheet	3280	1940 mm/year	16 tonnes/Ha./year
b	Rill	241		
c	Gully	193		
Sub-Total		3714		
Wind erosion		Nil		
Total		3714		16 tonnes/Ha./year

Source: Field Survey

Table No. 2.7 Details of the Soil pH

Sl. No.	Name of the Villages	Soil Ph	Soil Type
1	Ujangram	4.5 to 6.0 (Slightly moderate acidic)	Sandy Loam, Clay Loam & Alluvial
2	Bhairabnagar		
3	Purandarpur		
4	Krishnapur		
5	Sarail		
6	Peladahar		
7	Dubag		
8	Raipur		
9	Niz-Joynagar		
10	Kumarpur		
11	Balighat		
12	Rakhal Khalerpar Pt-I		
13	Rakhal Khalerpar Pt-II		
14	Manikpur		
15	Nischintapur		
16	Algapur		
17	Patherigram		
18	Mahadevpur		
19	Hatirhar Pt-I		
20	Srikona Pt-I		
21	Hatirhar Pt-II		
22	Sridharpur		
23	Ghagrpar Pt-II		
24	Srikona Pt-II		
25	Salchapra Pt-I		
26	Salchapra Grant		
27	Srikona Pt-III		
28	Sripur Pt-II		
29	Salchapra Pt-III		
30	Salchapra Pt-II		

Source: District Agriculture Census

Table No.2.7.1 Climatic Condition

Sl No	Year	Average Monthly Rain fall (in mm)	Average Annual rainfall (in mm) preceding 5 years	Temp(°C)		Wind Velocity	Open pan evaporation (mm per day)	Relative Humidity (RH)	Average Annual run off (mm/year)
				Max	Min				
1	2020	27.2	2912.38	24	4	4-15 km/hr	2.36	79%	1940
		0.1		27	6			73%	
		21.9		31	9			65%	
		179.3		33	14			73%	
		304.5		33	18			81%	
		601.5		32	19			86%	
		556.3		32	22			87%	
		380.4		33	22			86%	
		355.1		33	21			87%	
		319.9		32	19			85%	
		38.4		28	8			81%	
		0.0		26	4			80%	

Source: India Meteorological Department**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)
23 m	4% - 0.9%	II	Ghagra River, Pabi Nala	Sandy Loam, Clay Loam & Alluvial	16.00

Source: GIS Map**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
Elliptical	6720 M	0.07	0.4% - 0.7%	--	55000 M

Source: GIS Map

CHAPTER – 3

BASE LINE INFORMATION OF WATERSHED

Table No. 3.1: Demographic features:

1	2	3	4	5
S.No	Feature	Male	Female	Total
1	Population	39365	38740	78105
	SC	7450	6891	14341
	ST	132	105	237
	OBC	10124	9782	19906
	Others	21659	21962	43621
2	Children (0-14 years)			
3	Sex Ratio			955 female per thousand male
4	Literacy	84.78%	73.68%	79.27%
	Literates	33373	28543	61916
	Illiterates	5992	10197	16189
5	Work Force	15018	5903	20921
	Agriculture	9652	3373	13025
	Industrial/Business	4998	761	5759
	Service	1202	925	2127
6	Birth Rate	--	--	17.4
7	Death Rate	--	--	7.3

Source: Socio Economic Survey & Census Data

Table No. 3.2: Livestock details:

1	2	3
S.No	Feature	No./ quantity)
1	Milch Animals	
	Cows	1228
	Buffaloes	1020
	Goat, sheep	830
2	Draft Animals	
	Ox	650
	He Buffalo	277
3	Others	
	Poultry	1810
	Piggery	920
	Duckery	2111
4	Total Milk production from milch animals (ltrs/day)	3-4 ltrs/day
5	Fodder Availability	
	Dry (Abundant/Sufficient/ Scarce)	Sufficient
	Green (Abundant/Sufficient/ Scarce)	Abundant
6	Fuel wood Availability (Abundant/Sufficient/Scarce)	Abundant

Source: Socio Economic Survey

Table No.3.3: Socio- economic status

1	2	3	4	5						6			
S. No	Type	Total HHs	No. of BPL HHs	Land Holding (Ha)						Annual Gross Income (Rs.)			
				Rain fed			Irrigated			SC	ST	Others	Total
				SC	ST	Others	SC	ST	Others				
1	Marginal	4396	1120	237	0	1080	0	0	0	22000	0	24000	46000
2	Small Farmers	1575	0	311	0	1399	0	0	0	32000	0	34000	66000
3	Big farmers	68	0	36	0	168	0	0	0	70000	0	75000	145000
4	Landless	2745	2745	0	0	0	0	0	0	0	0	0	0
	Total	8784	3865	584	0	2647	0	0	0	124000	0	133000	257000

Source: Socio Economic Survey**Table No. 3.4: Migration Details:**

1	2			3	4	5	6	7
Sl. No.	No. of persons migrating			No. of days per year of migration	Major reason(s) for migrating	Distance of destination of migration from the village (km)	Occupation during migration	Income from such occupation (Rs.)
	M	F	Total					
1.	600	133	733	95	Insufficient employment generation, better opportunity, wage earning etc.	2 – 50 km	Private Job, Daily Labour, Business etc.	Average of 48,000/-per annum

Source: Socio Economic Survey

Table No. 3.5: Details of Community Based Organizations existing in the watershed village:

1	2	3				4				5			6			7			8			9	
Sl. No.	Type of Group	Total no. of CBOs				No. of members				No. of ST in each category			No. of SC in each category			No. of Others in each category			No. of BPL in each category			Bank linkage	
		With only Men	With only Women	With both	Total		M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	No. of SHGs	Bank Loan Amount (Rs.)
1	SHG	26	270	--	296	(i) Landless	150	1600	1750				15	240	255	135	1360	1495					
						(ii) MF	30	400	430				5	25	30	25	370	395					
						(iii) SF	20	140	160				3	21	24	17	119	136					
						(iv) LF	8	20	28				2	4	6	6	14	20					
	Total	26	270	--	296		208	2160	2368				25	290	315	183	1863	2046					
2	UGs	100	25	30	155	(i) Landless																	
						(ii) MF	1000	120	1120				140	20	160	860	100	960					
						(iii) SF	360	30	400				30	5	35	35	25	375					
						(iv) LF	40		30				5		5	15		15					
	Total	100	25	30	155		1400	150	1550				175	25	200	910	125	1350					
3	VSS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4	FG/ FC1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5	WUA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6	F-SHG-C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7	F-SHG-B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8	PG	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9	PC	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10	Other related Groups (Specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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
S. No.	Infrastructure type	No./Quantity	Distance (km)	Status (description)
1	Educational Institutions			
	Anganwadi	107	Within the Village	Functional
	Primary School	66	Within the Village	Functional
	Secondary school	02	1 – 10 KM	
	Govt. College	1		
	Vocational Institutions	1		
2	Service Institutions			
	Bank	1		
	Post office	6	1 – 10 KM	
	Primary Health Care Center	11	1 – 10 KM	
	Veterinary Center	2	1 – 10 KM	
	Markets/ Village Haat	8	1 – 5 KM	
3	No. of bore wells/pump sets (Functional)	26		
4	No. of Milk collection centers (Union/ Society/ Pvt. Agency/Others)	Nil		
	Total Quantity of surplus milk	Nil		
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	8055		
8	No. of HHs with access to drinking water	4246		
9	Access to Agro Industries (Yes/No)	No		
10	Any other facilities (specify)			

Source: Socio Economic Survey

Table No.3.7 Land use pattern (in Hectares)

1	2	3	4	5	6	7	8	9		10		11	12	13*
S. No	Village	Geographical Area#	Forest Area	Community Land	Land under Agriculture Use	Permanent Pastures	Land Under miscellaneous use	Uncultivated Private land		Cultivated area		Net Sown Area	Net Area sown more than once	Gross Cropped Area
								Temporary fallow	Permanent Fallow	Cultivated Rainfed	Cultivated Irrigated			
1	Ujangram	134	0	0	125	1	--	6	8	93	13	106	21	127
2	Bhairabnagar	223	0	0	112	--	3	6	100	112	11	123	25	148
3	Purandarpur	188	0	0	125	--	--	6	50	125	13	138	28	166
4	Krishnapur	200	0	0	144	1	--	7	30	106	14	120	24	144
5	Sarail	82	0	0	42	--	--	2	30	42	4	46	9	55
6	Peladahar	76	0	0	42	--	4	2	9	42	4	46	9	55
7	Dubag	73	0	0	67	1	--	3	5	36	7	43	9	52
8	Raipur	135	0	0	127	1	--	6	7	101	13	114	23	137
9	Niz-Joynagar	197	0	0	185	--	--	9	12	146	19	165	33	198
10	Kumarpara	189	0	0	167	--	--	8	22	167	17	184	37	221
11	Balighat	93	0	0	86	--	--	4	7	58	9	67	13	80
12	Rakhal Khalerpar Pt-I	307	0	0	286	1	6	14	9	224	29	253	51	304
13	Rakhal Khalerpar Pt-II	168	0	0	142	1	--	7	13	124	14	138	28	166
14	Manikpur	229	0	0	202	1	--	10	8	150	20	170	34	204
15	Nischintapur	113	0	0	104	1	--	5	1	58	10	68	14	82
16	Algapur	134	0	0	122	--	--	6	3	77	12	89	18	107
17	Patherigram	152	0	0	145	2	--	7	1	44	15	59	12	71
18	Mahadevpur	88	0	0	51	--	--	3	10	50	5	55	11	66
19	Hatirhar Pt-I	139	0	0	102	1	--	5	16	82	10	92	18	110

1	2	3	4	5	6	7	8	9		10		11	12	13*
S. No	Village	Geographical Area#	Forest Area	Community Land	Land under Agriculture Use	Permanent Pastures	Land Under miscellaneous use	Uncultivated Private land		Cultivated area		Net Sown Area	Net Area sown more than once	Gross Cropped Area
								Temporary fallow	Permanent Fallow	Cultivated Rainfed	Cultivated Irrigated			
20	Srikona Pt-I	345	0	0	165	--	5	8	71	165	17	182	36	218
21	Hatirhar Pt-II	113	0	0	77	--	--	4	36	52	8	60	12	72
22	Sridharpur	116	0	0	91	--	--	5	25	91	9	100	20	120
23	Ghagrapar Pt-II	174	0	0	74	--	--	4	70	74	7	81	16	97
24	Srikona Pt-II	273	0	0	230	--	4	12	13	230	23	253	51	304
25	Salchapra Pt-I	217	0	0	125	--	--	6	79	125	13	138	28	166
26	Salchapra Grant	101	0	0	40	--	--	2	41	40	4	44	9	53
27	Srikona Pt-III	94	0	0	61	--	1	3	33	61	6	67	13	80
28	Sripur Pt-II	291	0	0	159	2	3	8	34	159	16	175	35	210
29	Salchapra Pt-III	56	0	0	--	1	--	0	0	--	0	0	0	0
30	Salchapra Pt-II	125	0	0	115	--	--	6	4	36	12	48	10	58
		4825			3513	14	26	176	747	2870	351	3224	645	3871

Source: District Agriculture Census & Village Directory

Table No. 3.8: Details of Common Property Resources:

1	2	3				4			
Sl. No	CPR Particulars	Total Area (ha) Area owned/ In possession of				Area available for treatment (ha)			
		Pvt. persons	Govt. (specify dept.)	PRI	Any other (Pl. Specify)	Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)
1	Wasteland/ degraded land	1298	--	--	--	551	--	--	--
2	Pastures	14	--	--	--	--	--	--	--
3	Orchards	--	--	--	--	--	--	--	--
4	Village Forest	--	--	--	--	--	--	--	--
5	Forest	--	--	--	--	--	--	--	--
6	Village Ponds/ Tanks	455	--	--	--	--	--	--	--
7	Community Buildings	--	1	--	--	--	--	--	--
8	Weekly Markets	--	8	--	--	--	--	--	--
9	Permanent markets	--	--	--	--	--	--	--	--
10	Temples/ Places of worship	--	--	--	12	--	--	--	--
11	Others (Pl. specify)	--	--	--	--	--	--	--	--
Total		1767	9	--	12	551	--	--	--

Source: Socio Economic Survey**Table No. 3.9: Agriculture implements:**

1	2	3
S. No	Implements	Nos.
1	Tractor	47
2	Sprayers-manual/ power	--
3	Cultivators/Harrows	--
4	Seed drill	--

Source: Socio Economic Survey**Table No. 3.10: Crop Classification**

1	2	3
S. No	Crop classification	Area (Ha.)
1	Single crop	3224
2	Double crop	645
3	Multiple crop	--

Source: District Agriculture Census

Table No. 3.11: Crops & Cropping pattern:

1	2	3	4				5				6			
S. No	Season	Crop sown	Rain fed				Irrigated				Total			
			Area (ha)	Production (Ton/yr)	Productivity (Kgs/ha)	Cost of cultivation (Rs./ha)	Area (ha)	Production (Ton/yr)	Productivity (Kgs/ha)	Cost of cultivation (Rs. /ha)	Area (ha)	Production (Ton/yr)	Productivity (Kgs/ha)	Cost of cultivation (Rs. /ha)
1	Kharif	Paddy	3513	14754	4200	9000	--	--	--	--	3513	14754	4200	9000
2	Rabi	Mustard	26	3900	1100	3700	--	--	--	--	26	3900	1100	3700
		Potato	32	480	1500	4000	--	--	--	--	32	480	1500	4000
		Tomato	30	460	2500	3500	--	--	--	--	30	460	2500	3500
		Cauliflower	28	420	1300	3800	--	--	--	--	28	420	1300	3800
		Cabbage	31	434	1400	3900	--	--	--	--	31	434	1400	3900

Source: District Agriculture Census

Table No. 3.12: Land capability Classification

1	2	3		4					5				6			7	
Sl. No	Land type	Total Area (ha)	Soil Texture*	Based on Depth (cms)(mention area in ha)					Based on Slope (%) (mention area in ha)				Erosion (mention area in ha)			Land class	
				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)	Water				Wind
													Sheet	Rill	Gully		
1	VII ES	4825	Loamy Clay	--	--	--	4825	--	3960	685	180	--	3280	241	193	--	--

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

Source: District Agriculture Profile

Table No.3.13: Irrigation facilities:

1	2	3	4
Sl. No.	Type of the Source	Nos.	Command area (in ha)
1	Ponds	58	87
2	Open wells	--	
3	Bore wells	--	
4	Canal irrigation	--	
5	Natural spring head	--	

Source: Field Survey

Table No. 3.14: Status of water table:

1	2	3	4	5	6	7	8
Sl. No.	Source (open well)**	Plot No of the source	Name of the Owner*	Date of recording	Depth of water table from ground level (in mts)	Source located at (ridge/middle/valley)	Remarks
1	Bore well	Hatirhar Pt-II	Mohidul Alom Barbhuiya	17.01.2022	8.10 M	Valley	
2	Bore well	Hatirhar Pt-II	Siddik Ahmed Barbhuiya	17.01.2022	8.10 M	Valley	
3	Ring well	Srikona Pt-I	Shamsundar Paul	17.01.2022	8.10 M	Valley	
4	Tara Pump	Srikona Pt-I	Sabir Ahmed	17.01.2022	8.10 M	Valley	
5	Bore well	Srikona Pt-II	Hedaitullah	17.01.2022	8.10 M	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

1	2	3	4	5	6	7	8
Sl. No.	Source (open well)**	Plot No of the source	Name of the Owner*	Date of recording	Depth of water table from ground level (in mts)	Source located at (ridge/middle/valley)	Remarks
6	Bore well	Srikona Pt-II	Ehsanul Karim	17.01.2022	8.10 M	Valley	
7	Ring well	Srikona Pt-III	Forij Uddin	17.01.2022	8.10 M	Valley	
8	Tara Pump	Srikona Pt-III	Moimun Nessa	17.01.2022	8.10 M	Valley	
9	Ring well	Salchapra Grant	Islam Uddin	18.01.2022	8.10 M	Valley	
10	Ring well	Salchapra Grant	Altaf Hussain	18.01.2022	8.10 M	Valley	
11	Bore well	Hatirhar Pt-I	Abdul Hamid	18.01.2022	8.10 M	Valley	
12	Bore well	Hatirhar Pt-I	Nurul Alom Barbhuiya	18.01.2022	8.10 M	Valley	
13	Ring well	Rakhal Khalerpar Pt-II	Abdul Malik	18.01.2022	8.10 M	Valley	
14	Ring well	Rakhal Khalerpar Pt-II	Abdul Mannan	18.01.2022	8.10 M	Valley	
15	Hand Pump	Bhairabnagar	Budu Mia Kaji	19.01.2022	30.0 M	Valley	
16	Tara Pump	Bhairabnagar	Sahab Uddin Choudhury	19.01.2022	27.0 M	Valley	
17	Bore well	Bhairabnagar	Abdul Salam Khan	19.01.2022	29.0 M	Valley	
18	Bore well	Bhairabnagar	Ayub Ali Choudhury	19.01.2022	29.0 M	Valley	
19	Bore well	Bhairabnagar	Sabbir Ahmed Choudhury	20.01.2022	29.0 M	Valley	
20	Bore well	Bhairabnagar	Moinul Hoque Choudhury	20.01.2022	32.0 M	Valley	
21	Bore well	Bhairabnagar	Sabul Ahmed Choudhury	20.01.2022	29.0 M	Valley	
22	Ring well	Manikpur	Nizam Uddin Barbhuiya	25.01.2022	36.0 M	Valley	
23	Tube well	Nischintapur	Amir Uddin Mazumder	25.01.2022	36.0 M	Valley	
24	Tube well	Nischintapur	Tamijur Rahman Mazumder	25.01.2022	36.0 M	Valley	
25	Tube well	Nischintapur	Rajnagar Hafizia Madrassa	25.01.2022	36.0 M	Valley	
26	Tube well	Patherigram	Fakrul Islam Barbhuiya	25.01.2022	36.0 M	Valley	
27	Tube well	Patherigram	Rahmania Sabahi Maktab	25.01.2022	37.0 M	Valley	
28	Tube well	Rakhal Khalerpar Pt-I	Soma Das	25.01.2022	35.0 M	Valley	
29	Ring well	Rakhal Khalerpar Pt-I	Lt. Monoranjn Das	25.01.2022	9.0 M	Valley	
30	Ring well	Rakhal Khalerpar Pt-I	Hasu Nath	25.01.2022	9.0 M	Valley	

1	2	3	4	5	6	7	8
Sl. No.	Source (open well)**	Plot No of the source	Name of the Owner*	Date of recording	Depth of water table from ground level (in mts)	Source located at (ridge/middle/valley)	Remarks
31	Ring well	Niz Joynagar	Taslim Uddin Barbhuiya	27.01.2022	9.0 M	Valley	
32	Tube well	Niz Joynagar	Anam Uddin Barbhuiya	27.01.2022	36.0 M	Valley	
33	Ring well	Kumarpara	Chatu Mali	27.01.2022	8.10 M	Valley	
34	Ring well	Kumarpara	Nidhu Das	27.01.2022	8.10 M	Valley	
35	Ring well	Balighat	Gopendra Malakar	27.01.2022	9.0 M	Valley	
36	Ring well	Balighat	Gautam Das	27.01.2022	9.0 M	Valley	

Source: Field Survey

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

1	2	3	4	5
Sl. No.	Item	Units	Quantity	Source
1	Drinking water requirement	Ltrs/day	4,23,920	Ponds, Water Supply, Ring Well, Tube Well
2	Present availability of drinking water	Ltrs/day	2,60,250	
3	No. of drinking water sources available	Nos.	--	
a)	Functional	Nos.	--	
b)	Need Repairing	Nos.	--	
c)	Defunct	Nos.	--	
4	Short fall if any	Ltrs/day	1,63,670	
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.	67 (Farm Pond)	

Source: Field Survey

Table No. 3.16: Surface water resources

1	2	3	4	5
S.No	Type of water resource	Nos.	Area irrigated (Ha)	Storage capacity (Cum)
1	Tank	--	--	--
2	Pond	58	87	34400
3	Lake	--	--	--
4	Check dam	--	--	--
5	Percolation tank	--	--	--
6	Channel/Canal	--	--	--
7	Any others (specify)	--	--	--

Source: Field Survey

Table No. 3.17 Ground Water Structures to be repaired.

S.No	Type of structure	No. available			
		No. to be Repaired	No. to be rejuvenated	No. with no interventions required	Total
-----Nil-----					

Table No. 3.18: Existing Water Saving Practices:

	Area (Ha)				
Name of the Major Crop	Under water saving devices\$	Under water conserving agronomic practices#	Any other (Pl. Specify)	Total	Current water Saving status as against flood irrigation. (Cu.m)
-----Nil-----					

\$: 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 Sl. No.	2 Name of activity	3 No. of beneficiaries					4 Pre-project average income per HH (Rs.)
		SC	ST	Others	Total	Women	
1	Milch Cow	3	--	20	23	5	48000
2	Goatery	21	--	151	172	20	30000
3	Duckery	22	--	110	132	90	25000
4	Poultry	14	--	95	109	80	25000
5	Beekeeping	--	--	--	--	--	--
6	SRI	--	--	1	1	1	20000
7	Vermi Compost	--	--	--	--	--	--
8	Piggery	--	--	--	--	--	--
9	Fishery	--	--	--	--	--	--
10	Pasture Development	--	--	--	--	--	--
11	Carpentry	--	--	2	2	--	20000
12	Cycle Repairing	--	--	--	--	--	--
13	Rice Processing Unit	--	--	--	--	--	--

Source: Socio Economic Survey

Table No. 3.20: Existing functional assets (Works already completed under different schemes including works undertaken by farmers independently)

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

Table No. 3.21 PROBLEM TYPOLOGY OF THE WATERSHED

1	2	3	4
Sl. No.	Problem Area	Problem Analysis	Proposed interventions to overcome problems
1.	Soil Conservation (Slope, erosion, soil loss, rainfall, productivity etc.)	(1) Soil Erosion, and heavy soil loss in upland areas. (2) Sheet erosion is combatively high in many places. (3) Unpredictable nature of soil.	Construction of graded bund and field bund to protect the soil erosion and siltation problems.
2.	Water Conservation (Water budget, Ground water norms, productivity)	(1) Degradation of Natural Resource such as congestion of natural drainage. (2) Lack of water storage facility results in shortage of water during water. (3) Run-off resulting from seasonal rain conquers high velocity due to steep slope in the watershed and thereby causes different types of soil erosion hazards. (4) Due to inadequate irrigation infrastructure mainly mono cropping is done.	(1) Re-generation of drainage channel by excavation and reclamation activities. (2) Reclamation of natural water bodies by excavating and constructing periphery bund etc. to increase water storage capacity. (3) Creation of Farm Pond and related distribution channel for water harvesting/storage and irrigation. (4) Construction of Nalla bund to control the water-logging problem.

3.	Crop Coverage – (80% of w/s area should be with canopy)	(1) Rabi crop area is proportionately small due to inadequate irrigation facilities. (2) Predominance Mono cropping. (3) Flooding problem during summer. (4) Scarce vegetative cover over the area.	(1) Agro-forestry, fuel wood plantation. (2) Horticulture Plantation.
4.	Agriculture productivity (crop wise compare with dist. average)	(1) 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.	Brick canal and water storage farm pond for irrigation for both Rabi & Kharif crop.

1	2	3	4
5.	Livestock productivity (Milk yield, Meat yield, eggs, wool yield, kidding etc.)	(1) Dearth of fodder during flood period. (2) Lack of protected shelter for the inhabitants during flood period. (3) Lack of grazing land effects the production of milk and allied products, which in turn results in adequate nutrition. (4) Diseases which reduce the production potential of livestock.	(1) Promotion of Marketing facilities through SHG. (2) Promotion of Dairy, Piggery, Goatery, Duckery and Poultry farming activities.

6.	Existing Livelihood Activities for Asset-less persons	(1) Less income generating unsustained activities. (2) Their present occupation is daily wage earning.	(1) Promotion of Dairy, Piggery, Goatery, Duckery and Poultry farming activities. (2) Promotion of weaving activities for asset-less woman.
7.	Commonly Based Organizations & Social Capital Base	(1) Most of the SHGs are not functional.	(1) Formation of SHG, User Groups for promotion of various income generating activities.
8.	Capacity Building (participating, training, awareness of watershed community)	(1) In many villages it is observed that the participation in Gram Sabha is very low due to lack of awareness towards watershed development activities.	(1) Conducting Awareness programmes among the villagers. (2) Providing training in respect to each activities proposed for watershed development as well as livelihood generation.
9.	Others (specify)	(1) Lack of Marketing and trading facilities.	(1) Providing Market Promotion Centres along with Low Cost go-down for storage of various products.

Source: Field Survey

CHAPTER – 4

Institutional Building and Project Management

Table No. 4.1 Details of SHGs & UGs newly formed under WDC-PMKSY:

1	2	3				4				5			6			7			8			9	
Sl. No.	Type of Group	Total no. of CBOs				No. of members				No. of ST in each category			No. of SC in each category			No. of Others in each category			No. of BPL in each category			Bank linkage	
		With only Men	With only Women	With both	Total		M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	No. of SHGs	Amount (Rs)
1	SHG	26	270	--	296	(i) Landless	150	1600	1750				15	240	255	135	1360	1495					
						(ii) MF	30	400	430				5	25	30	25	370	395					
						(iii) SF	20	140	160				3	21	24	17	119	136					
						(iv) LF	8	20	28				2	4	6	6	14	20					
	Total	26	270	--	296		208	2160	2368				25	290	315	183	1863	2046					
2	UGs	100	25	30	155	(i) Landless																	
						(ii) MF	1000	120	1120				140	20	160	860	100	960					
						(iii) SF	360	30	400				30	5	35	35	25	375					
						(iv) LF	40		30				5		5	15		15					
	Total	100	25	30	155		1400	150	1550				175	25	200	910	125	1350					

*Account no. of Watershed Committee, PIA.

Source: SRLM

4.2: Details of Watershed Committees (WC)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Name of WCs	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	Educl qualification	Function/s assigned#
Niz Joynagar MWS	Under Process	12 nos.	President	Farida Parbin Laskar	F											HS passed	
			Co-Chairperson	Dipak Chakraborty	M											10 th passed	
			Secretary	Ahmadul Hoque Laskar	M											HS passed	
			Member	Sultana Begum Laskar	F											9 th passed	
			Member	Purnima Paul	F								SHG			10 th passed	
			Member	Sanjoy Malakar	M	SC										9 th passed	
			Member	Islam Uddin Ahmed	M											10 th passed	
			Member	Abul Hussain	M											9 th passed	
			Member	Baradul Islam Barbhuiya	M											10 th passed	
			Member	Paritosh Das	M											10 th passed	
			Member	Abdul Hannan Rajbarbhuiya (GP Member)	M											10 th passed	
			Member	Satyajit Purkayastha (Deptt. Staff)	M											HS passed	

Source: Gaon Sabha

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Name of WCs	Date of Registrati on as a Society	No. of members in WC	Designatio n	Name	M/F	SC	ST	SF	MF	LF	Land less	UG	SHG	GP	Any other	Educl qualifi- cation	Function/s assigned#
Krishnapur MWS	Under Process	15 nos.	President	Hifzur Rahman Barbhuiya	M											HS passed	
			Co-Chairperson	Anjana Rani Das	F	SC										10 th passed	
			Secretary	Rishuk Ahmed Barbhuiya	M											HS passed	
			Member	Nazmin Begum Laskar (GP Member)	F											10 th passed	
			Member	Moinul Hoque Kazi	M											10 th passed	
			Member	Sultan Ahmed Laskar	M						Landl ess					9 th passed	
			Member	Ruhul Alom Laskar	M											10 th passed	
			Member	Mustak Ahmed Laskar	M											9 th passed	
			Member	Nurul Islam Barbhuiya	M											10 th passed	
			Member	Tazim Uddin Laskar	M											10 th passed	
			Member	Sultan Ahmed Barbhuiya	M											HSLC passed	
			Member	Abdul Karim Barbhuiya	M											HS passed	
			Member	Manjurul Islam Barbhuiya	M											HS passed	
			Member	Rakhi Paul	F								SHG			9 th passed	
			Member	Shekar Deb (Deptt. Staff)	M											B.A.	

Source: Gaon Sabha

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Name of WCs	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	Educl qualification	Function/s assigned#
Salchapra MWS	Under Process	11 Nos.	President	Ataur Rahman Barbhuiya	M									Salchapra		HSLC	
			Co-Chairperson	Sampa Rani Das	F	SC							SHG	Salchapra		HS	
			Secretary	Shaikul Islam Ahmed	M									Srikona	MOBC	HS	
			Member	Adityagiri Borpatra Sinha	M									Salchapra	OBC	HS	
			Member	Anam Uddin Choudhury	M									Salchapra		HSLC	
			Member	Subrata Das Laskar	M	SC								Salchapra		HSLC	
			Member	Manju Rani Das (GP Member)	F	SC								Salchapra		10 th appeared	
			Member	Nani Bhusan Das	M	SC								Salchapra		HS	
			Member	Badrul Islam Barbhuiya	M									Srikona		HS	
			Member	Kalim Uddin Ahmed	M									Srikona	MOBC	HSLC	
			Member	Bishnu Prosad Goala (Deptt. Staff)	M										OBC	HS	

Source: Gaon Sabha

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Name of WCs	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	Educl qualification	Function/s assigned#
Patherigram MWS	Under Process	12 Nos.	President	Hussain Ahmed Laskar	M											HS	
			Co-Chairperson	Aleha Begum Mazumder	F								SHG			VII	
			Secretary	Najmul Hussain Mazarbhuiya	M											BA	
			Member	Altaf Hussain Mazumder	M											HS	
			Member	Amal Kanti Rajkumar	M										OBC	HS	
			Member	Nazrul Islam Barbhuiya	M											HS	
			Member	Abdul Muntakim Ahmed	M										MOBC	HSLC	
			Member	Akbar Hussain Mazumder	M											10 th appeared	
			Member	Subhas Ch. Roy	M										SC	10 th appeared	
			Member	Sabita Begum Barbhuiya (GP Member)	F											10 th passed	
			Member	Ranjit Kumar Das (Deptt. Staff)	M										SC	10 th appeared	
			Member	Mufidul Islam Laskar	M											10 th passed	

Source: Gaon Sabha

Table No 4.3: WDT Particulars:

1	2	3	4	5	6	7
Sl. No	Names of WDT members with designation	M / F	Age	Qualification / Experience	Description of professional training	Role/ Function*
1.	Sri. Samsuzzaman Barbhuiya WDT Leader, Upper Ghagra, WDC-PMKSY	M	50	Diploma in Civil Engg.	--	PNP & PRA, Maintenance of accounts and others not allotted
2.	Sri. Abdul Monnaf, Deputy Handloom Officer, Silchar	M	51	Diploma in Textile Technology	--	Supervision of construction activities
3.	Sri. Mridu Pawan Das Agriculture Dev. Officer, Salchapra Dev. Block	M	51	M.Sc (Agri.) in Agril. Economics	--	Planning
4.	Dr. Sujoy Chakraborty B.V.O., Sonai Bazar	M	49	Master's in Vety. Science	--	Cost Estimation
5.	Smti. Sikta Bhowmik, CDPO, Borkhola	F	45	M.A.	--	Planning

Table No. 4.4: PIA particulars

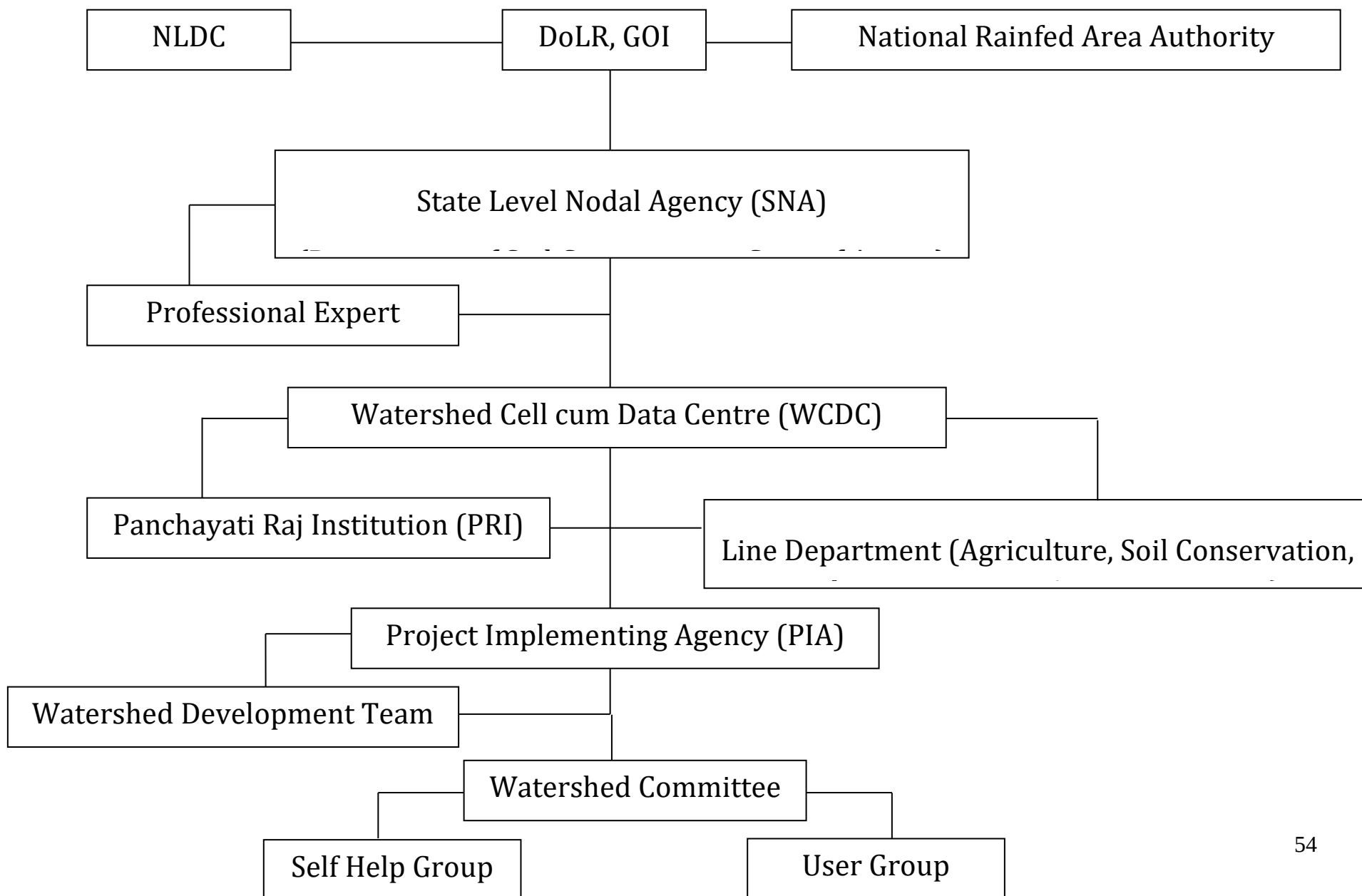
1	2	3
S.No	Particulars	Details of PIA
1.	Type of organization#	Govt. Department
2.	Name of organization	Department of Soil Conservation
3.	Designation & Address	Divisional Officer, Cachar Soil Conservation Division, Silchar
4.	Telephone	03842 237444
5.	Fax	03842 237444
6.	E-mail	docachar2012@gmail.com

Table No. 4.5 Bank Account Details

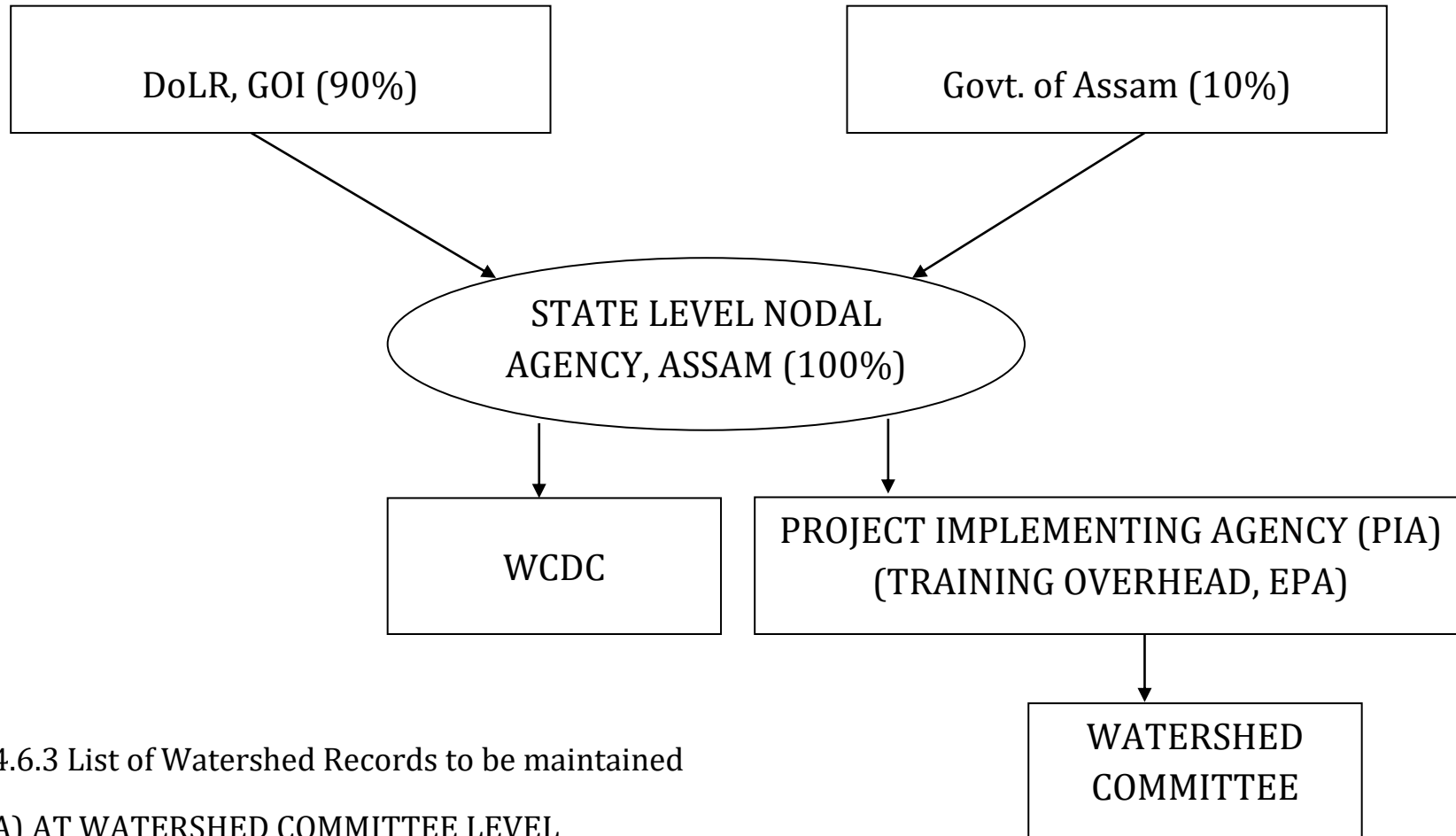
Name of WC/PIA	Name of the Bank/Place	Account No.	Name of the Signatory	Address
Divisional Officer, Cachar Soil Conservation Division, Silchar (PIA)	State Bank of India, Assam Secretariat Branch	40754231192	Project Manager cum Divisional Officer	O/O The Divisional Officer, Cachar Soil Conservation Division, Silchar
Krishnapur MWS	State Bank of India, Arunachal Branch	40969360816	Chairman of the MWS Committee & WDT Leader	Krishnapur
Niz Joynagar MWS		40969360838		Niz Joynagar
Salchapra MWS		40969360849		Salchapra Pt-I
Patherigram MWS		40969360861		Manikpur

Institutional Mechanisms

4.6.1 Flow Chart of Institutional Arrangement from District to Watershed Level



4.6.2 Fund Flow Mechanisms – flow chart



4.6.3 List of Watershed Records to be maintained

A) AT WATERSHED COMMITTEE LEVEL

- Registration Certificate
- By laws
- Detail Project Report

- Annual Action Plan
- Cash Book
- Product Fund Passbook
- Watershed Development Fund Passbook
- Ledger Book
- Asset Register
- Vouchers
- Land Details
- Measurement Book
- Audit Report/Social Audit Report
- Photo Documents
- Project Completion Report
- Common Guidelines
- MoU between Watershed Committee and Project Implementing Agency
- Revenue records.

B) AT PROJECT IMPLEMENTING AGENCY LEVEL

- Cash Book
- Computerized Accounting System
- Vouchers

4.7 Documents of Agreements:

4.7.1) Watershed Committee Registration certificate

- (under Process)

4.7.2 MoU — PIA — WCDC, PIA — WC

- (under Process)

4.8 Project Implementation

Project Implementation involves a number of activities of which the major are - securing community participation, co-ordination of activities and project management & Controlling, Monitoring. Co-ordination is the practice whereby more people or organizations work together to deal collectively with a shared objective. The rationale for co-ordination shall be-

- (1) To take immediate curative action for problems encountered in implementation of the project.
- (2) To promote better relationship among organizations, institution, agencies, departments and individuals connected with the project and to harmonize resources and activities for the achievements of the project objectives.
- (3) To establish cordial relationship between the target population of the project and all the other segments of the society.
- (4) Team building, which includes recruiting people with appropriate qualification and capability for positions in the organization, orienting new people to their position to help them learn about their responsibilities and providing training when necessary to upgrade people's skills.

Project Management & Controlling means managing activities to ensure progress towards the project objectives.

- (1) Evaluating the progress of project by comparing the current situation with established goals and objectives.
- (2) Submitting reports to account for project activities and finance.
- (3) Monitoring performance to document the way people carry out their responsibilities.
- (4) Providing feedback to people on a regular, informal basis including optimistic feedback and constructive criticism.
- (5) Adjusting plans to respond to the changes in the internal and external organizational environment.

Monitoring is an important stage of project implementation and it implies the process of routinely gathering information on all aspects of the project.

The first level monitoring shall be done by the project staff. The WCDC and PIA shall be responsible for monitoring the staff and task under them and Project Manager shall be accountable for monitoring all aspects of the project. The second level monitoring shall be done by third party. The monitoring team shall be collected the report through field visit, progress and measures performance including financial reporting.

Step for Monitoring Process:

- Defining the objectives of the monitoring system.
- Designing a programme to monitor achievements systematically.
- Selection of indicators/parameters to be monitored, the location, methods/processes and frequency of observations and the information processing and reporting procedure are essential; and
- Organizing, motivating and training people to obtain convey and use the information,

Monitoring Tools

- Semi-structured interviews.
- Community workshops to evaluate the extent of adoption and resulting achievements from conservation practices.
- Observation and measurement of easily quantifiable field indicators.
- Farmer's own records can be prepared which provides vital information to the central theme.
- Ground photographs taken from the same place before and after remedial measures, depicting details about landscape CPR's changes in the status of natural resources.
- Community evaluation of certain simple technical, ecological, economical, social and essential services indicators.

- Remote sensing satellite imageries and aerial photographs taken at the start of the plan are repeated periodically.
- Geographical Information Systems (GIS).
- Video monitoring.
- Comparison with demonstration and research plots/ farms.
- Comparison with demonstration and research micro-watersheds.
- Hydro-meteorological measuring.
- Using the information gathered by other institutional and private enterprises.
- Combination of above mentioned tools.

PIS	Tasks	Responsibility
Project Co-ordination	Immediate corrective action for problem encountered	WCDC, Project Manager, WDT Member
	Create Relationship among staff and institution	Project Manager
	Team Building & Capacity Building	WCDC /PIA/Project Manager
	Co-operation and Network Development	WCDC /PIA/Project Manager
Project Management & Controlling	Progress of Project	Project Manager
	Report generating to account project activities and financial statement	PIA/Project Manager
	Performance monitoring	PIA/Project Manager/ WCDC
Monitoring	1 st Level Monitoring Staff Performance Work Performance Target Achievement	WCDC / Project Manager /PIA
	2 nd Level Monitoring Work Quality Deviation Report Financial Statement	WCDC / Third Party

Table No. 4.8 Convergence plan with WDC-PMKSY:

1	2	3	4	5	6	7
S. No.	Names of Departments with Schemes converging with WDC-PMKSY	Name of activity/task/structure proposed under convergence	Period of Support (Years)	Reference no. of activity/ task/ structure in DPR	Estimated Fund Proposed Under Convergence (in Rs.)	Level of decision taken for convergence Block/district
		(a) Structures (b) livelihoods (c) Capacity Building (d) Any other (pl. specify)				
1	Agriculture	Production System & Micro Enterprises	5	7.1.3.iii	33.60	District Level
2	Irrigation	Structures (NRM)	5	7.1.5.ii.f	22.653	District Level
3	Animal Husbandry	Livelihoods Activities for Asset Less Poor	5	7.1.4.iii	27.00	District Level
4	Fishery	Production System & Micro Enterprises	5	7.1.4.v & vii	0.9179	District Level
5	Handloom & Textile	Livelihoods Activities for Asset Less Poor	5	7.1.4.iv	1.00	District Level
6	KVK	Capacity Building	5	7.1.2.xiii	8.76	District Level
	Total				93.9309	

CHAPTER-5

MANAGEMENT/ACTION PLAN

Description on methodology of plan adopted

a) Awareness generation interventions:

- i. Awareness campaign through Gram Sabha in all villages of watershed area is essential. Awareness generation programme will be conducted for all project stakeholders at watershed level with the fundamental purpose of educating them and creating more interest in regard to various aspects of the WDC-PMKSY project.
- ii. Awareness campaign through distribution of leaflet and brochures describing about the IWM project.

b) Initial Orientation program: For successful completion of the project, orientation of both project personnel and watershed communities according to the changing perspective is vital and it will enhance skill 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 Based Organizations (CBOs) about planning, implementation and management of various project activities.

c) Formation process UGs & Watershed Committee: The User Group and Watershed Committee are formed through Gram Sabha and awareness programme.

d) DPR Preparation Process: The study area is confined to 30 villages of Cachar 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 data collection & report preparation.

- Secondary data collection, preparations.
- Village meeting & Conduct of Participatory Rural Appraisal (PRA) techniques for problem identification, need assessment and selection of project activities, All the treatment plan and interventions are identified after elaborate PRA exercise.
- Socio Economic Survey of all Households in Watershed village.
- Collection of baseline data such as Demographic features, Livestock details, BPL status, Operation Holdings, Migration particulars, Details of Community Based Organization, Land features, Details of CPR, Crops & Cropping patterns, Soil classification & Erosion status, Climate & Hydrological features, Ground water status, Irrigation facilities, Status of water table, Quality and availability of drinking water, Water budget, Details of livelihoods.
- Problem Typology Analysis.
- Productivity & Livelihoods planning exercise.
- Institution & Capacity Building plan.
- Data Consolidation & Documentation of DPR.
- Integration of various spatial and non-spatial (attribute) data using the Geographical Information System (GIS). GIS software is an especially effective tool for watershed management. GIS software provides the ability to create a computerized database consisting of spatial (map or image) data.

1. Approval by Gram Sabha: After the preparation of draft DPR, it has been shared at the village level and approval has been taken from the Gram Sabha by passing a resolution. Further, the overall plan of the project has been approved by the WC.

Table No. 5.2.1 Soil and Moisture Conservation structures

1	2	3	4	5			6	7	8	9	10	11	12	13
Sl. No.	Name of the Activities (Structures)	Name of the Hamlet / Village	Plot Numbers (including Name of the local Patch)	Name of Beneficiaries	Unit	Area (in Ha/)	Dimension (in M/ Sq. M / CuM) of Structure	Unit Cost	Total Cost (in Rs.)	Contribution	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)	GPS Points	
													Long	Lat
1	Boulder Revetment	Niz Joynagar	Mojil Nala	Villagers & Farmers	RM	22	97	5150	500000	25000	500000	2nd Year	92°43.73653"E	24°53.75923"N
2		Kumarpara	Mojil Nala	Villagers & Farmers	RM	14	58	5150	300000	15000	300000	1st Year	92°44.42001"E	24°51.7855"N
3		Rakhal Khalerpar Pt- I	Mojil Nala	Villagers & Farmers	RM	14	58	5150	300000	15000	300000	2nd Year	92°43.73882"E	24°51.49288"N
4		Srikona Pt- I	Ghagra Nala	Villagers & Farmers	RM	32	136	5150	700000	21000	700000	2nd Year	92°42.40618"E	24°50.27267"N
5		Hatirhar Pt- II	Tuloma Beel	Villagers & Farmers	RM	9	39	5150	200000	10000	200000	2nd Year	92°42.24156"E	24°50.2766"N
6		Srikona Pt- II	Pabi Nala	Villagers & Farmers	RM	11	49	5150	250000	12500	250000	5th Year	92°41.81823"E	24°49.92541"N
7		Salchapra Grant	Katakhali Nala	Villagers & Farmers	RM	9	39	5150	200000	10000	200000	1st Year	92°41.08171"E	24°49.32174"N
8		Srikona Pt- III	Katakhali Nala	Villagers & Farmers	RM	14	58	5150	300000	15000	300000	2nd Year	92°41.28118"E	24°49.47185"N
1	Field Bund	Bhairabnagar	Nayagram Tuk	Villagers & Farmers	Ha	12	1200	18000	200000	10000	200000	2rd Year	92°72.051"E	24°90.298"N
2		Purandapur	Purandarpur Tuk	Villagers & Farmers	Ha	12	1200	18000	200000	10000	200000	1st Year	92°44.21911"E	24°53.24712"N
3		Krishnapur	Gosara Tuk	Villagers & Farmers	Ha	14	1435	18000	60000	30000	600000	3rd Year	92°43.7353"E	24°53.75923"N
4		Ujangram	Batta Tilla	Villagers & Farmers	Ha	12	1200	18000	200000	10000	200000	4th Year	92°44.37251"E	24°52.29712"N
5		Dubag	Lodoibazar Mat	Villagers & Farmers	Ha	18	1800	18000	300000	15000	300000	3rd Year	92°43.82555"E	24°53.23297"N
6		Krishnapur	Rani Tilla	Villagers & Farmers	Ha	18	1800	18000	300000	15000	300000	5th Year	92°43.435821"E	24°53.62852"N
7		Niz Joynagar	Nayagram Tuk	Villagers & Farmers	Ha	18	1800	18000	300000	15000	300000	4th Year	92°43.98076"E	24°53.08025"N
8		Kumarpara	Tikargram	Villagers & Farmers	Ha	36	3600	18000	600000	30000	600000	4th Year	92°44.42804"E	24°51.7200"N
9		Rakhal Khalerpar Pt- I	Tulargram	Villagers & Farmers	Ha	12	1200	18000	200000	10000	200000	3rd Year	92°43.87381"E	24°51.47538"N
10		Rakhal Khalerpar Pt- II	Indragram Tuk	Villagers & Farmers	Ha	21	2100	18000	375000	18750	375000	4th Year	92°43.82333"E	24°51.61614"N
11		Algapur	Manipuri Tilla	Villagers & Farmers	Ha	9	830	18000	150000	7500	150000	2nd Year	92°41.20312"E	24°51.19869"N
12		Patharigram	Patharigram Tuk	Villagers & Farmers	Ha	9	830	18000	150000	7500	150000	1st Year	92°41.66714"E	24°51.224"N

5.2.1 Soil and Moisture Conservation structures

1	2	3	4	5			6	7	8	9	10	11	12	13
Sl. No.	Name of the Activities (Structures)	Name of the Hamlet / Village	Plot Numbers (including Name of the local Patch)	Name of Beneficiaries	Unit	Area (in Ha)/	Dimension (in M/ Sq. M / CuM) of Structure	Unit Cost	Total Cost (in Rs.)	Contribution	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)	GPS Points	
													Long	Lat
13	Field Bund	Manikpur	Fetikara	Villagers & Farmers	Ha	22	2200	18000	400000	20000	400000	3rd Year	92°42.39123"E	24°51.5204"N
14		Srikona Pt- I	Ratpur	Villagers & Farmers	RM	36	3600	18000	650000	32500	650000	3rd Year	92°41.40515"E	24°49.27165"N
15		Mahadevpur	Mahadevpur Tuk	Villagers & Farmers	RM	12	1200	18000	200000	10000	200000	1st Year	92°41.37048"E	24°50.37699"N
16		Salchapra Pt- II	Dumkar	Villagers & Farmers	RM	9	830	18000	150000	7500	150000	1st Year	92°39.46872"E	24°49.3167"N
17		Salchapra Grant	Tulargram	Villagers & Farmers	RM	9	830	18000	150000	7500	150000	2nd Year	92°41.80217"E	24°49.47210"N
18		Sridharpur	Mahadevpur Tuk	Villagers & Farmers	RM	12	1200	18000	200000	10000	200000	1st Year	92°40.64951"E	24°50.29025"N
19		Ghagrapar Pt- II	Tingorigram	Villagers & Farmers	Ha	17	1700	18000	300000	15000	300000	3rd Year	92°40.40056"E	24°50.2487"N
20		Salchapra Pt- III	Berabak	Villagers & Farmers	Ha	11	1100	18000	200000	10000	200000	1st Year	92°38.58867"E	24°49.4559"N
21		Sripur Pt-II	Baglainja	Villagers & Farmers	Ha	11	1100	18000	200000	10000	20000	2nd Year	92°38.52444"E	24°49.40163"N
1	Contour Graded Bund	Bhairabnagar	Nayagram Tuk	Villagers & Farmers	Ha	6	600	18000	100000	5000	100000	3rd Year	92°72.851"E	24°90.098"N
2		Purandarpur	Purandarpur Tuk	Villagers & Farmers	RM	14	500	18000	250000	12500	250000	3rd Year	92°44.21929"E	24°53.24951"N
1	Safe Disposal Unit Nala Bund	Bhairanagar	Nayagram Tuk	Villagers & Farmers	Nos	1		100000	300000	15000	300000	1st Year	92°71.7215"E	24°90.142"N
2		Purandarpur	Purandarpur Tuk	Villagers & Farmers	Nos	2		100000	290000	14500	290000	3rd Year	92°43.5077"E	24°53.5578"N
3		Krishnapur	Krishnapur Mat	Villagers & Farmers	Nos	3		100000	300000	15000	300000	4th Year	92°43.37291"E	24°53.62843"N
4		Sarail	Sarail Kheta	Villagers & Farmers	Nos	2		100000	200000	10000	200000	2nd Year	92°43.14637"E	24°53.38229"N
5		Peladahar	Peladahar Tuk	Villagers & Farmers	Nos	4		100000	400000	20000	400000	4th Year	92°43.9024"E	24°53.1602"N
6		Krishnapur	Krishnapur Mat	Villagers & Farmers	Nos	2		100000	200000	10000	200000	3rd Year	92°43.48952"E	24°53.63842"N
7		Manikpur	Chalia	Villagers & Farmers	Nos	1		100000	100000	5000	100000	5th Year	92°42.46748"E	24°51.81327"N
8		Nischintapur	Koiya Khal	Villagers & Farmers	Nos	2		100000	200000	10000	200000	3rd Year	92°41.97539"E	24°51.7502"N
9		Mahadevpur	Tillabari	Villagers & Farmers	Nos	1		100000	100000	5000	100000	5th Year	92°41.3759"E	24°50.41932"N

10		Sridharpur	Mahadevpur Tuk	Villagers & Farmers	Nos	1		100000	160000	5000	160000	2ndYear	92°43.1123"E	24°53.6240"N
11		Sripur Pt- II	Anadapur	Villagers & Farmers	Nos	2		100000	100000	5000	100000	5th Year	92°39.69187"E	24°49.93658"N

1	Earthen Periphery Bund	Rakhal Khalerpar Pt- I	Ratpur	Villagers & Farmers	Ha	27	2700	18000	500000	25000	500000	2nd Year	92°43.73428"E	24°51.46248"N
2		Patherigram	Mahadevbari	Villagers & Farmers	Ha	9	900	18000	150000	6250	150000	1st Year	92°41.5878"E	24°50.8934"N
3		Manikpur	Chengua	Villagers & Farmers	Ha	16	1600	18000	293140	9657	293140	5th Year	92°42.48872"E	24°51.80175"N
4		Sridhapur	Mahadevpur Tuk	Villagers & Farmers	Ha	11	1100	18000	200000	10000	200000	2nd Year	92°40.58942"E	24°50.32154"N
5		Salchapra Pt- III	Baglenja	Villagers & Farmers	Ha	11	1100	18000	200000	10000	200000	2nd Year	92°42.0449"E	24°51.5026"N
6		Sripur Pt- II	Anandapur Tuk	Villagers & Farmers	Ha	11	1100	18000	200000	10000	200000	4th Year	92°39.72469"E	24°49.64259"N

5.2.1 Soil and Moisture Conservation structures

1	2	3	4	5			6	7	8	9	10	11	12	13
Sl. No.	Name of the Activities (Structures)	Name of the Hamlet / Village	Plot Numbers (including Name of the local Patch)	Name of Beneficiaries	Unit	Area (in Ha)/	Dimension (in M/ Sq. M / CuM) of Structure	Unit Cost	Total Cost (in Rs.)	Contribution	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)	GPS Points	
													Long	Lat
1	Drainage Channel	Krishnapur	Gangrai	Villagers & Farmers	Ha	17	1700	18000	300000	15000	300000	3rd Year	92°43.73142"E	24°53.75123"N
2		Sarail	Gangrai	Villagers & Farmers	Ha	8	850	18000	150000	7500	150000	2nd Year	92°43.62748"E	24°53.49037"N
3		Peladahar	Gangrai	Villagers & Farmers	Ha	9	850	18000	150000	7500	150000	1st Year	92°43.69039"E	24°53.38742"N
4		Ujangram	Ujangram Tuk	Villagers & Farmers	Ha	9	300	18000	200000	10000	200000	2nd Year	92°44.39077"E	24°52.31731"N
5		Dubag	Lodoibazar	Villagers & Farmers	Ha	9	850	18000	150000	7500	150000	2nd Year	92°41.8076"E	24°51.6243"N
6		Krishnapur	Gosara	Villagers & Farmers	Ha	22	2200	18000	400000	20000	400000	2nd Year	92°43.49492"E	24°53.64682"N
7		Kumarpara	Tikargram	Villagers & Farmers	Ha	11	1100	18000	200000	10000	200000	2nd Year	92°44.50013"E	24°52.53821"N
8		Balighat	Chorapar	Villagers & Farmers	Ha	16	1600	18000	300000	15000	300000	2nd Year	92°44.53736"E	24°52.18414"N
9		Rakhal Khalerpar Pt- II	Mojil Beel	Villagers & Farmers	Ha	16	1600	18000	300000	15000	300000	2nd Year	92°44.58062"E	24°52.70752"N
10		Algapur	Manipuri Tilla	Villagers & Farmers	Ha	9	850	18000	150000	7500	150000	1st Year	92°41.17164"E	24°51.49277"N
11		Patherigram	Mahadevbari	Villagers & Farmers	Ha	9	850	18000	150000	7500	150000	3rd Year	92°41.6296"E	24°50.9186"N
12		Manikpur	Fetikara	Villagers & Farmers	Ha	11	1100	18000	200000	10000	200000	4th Year	92°44.3720"E	24°51.9460"N
13		Nischintapur	Koiyakhal	Villagers & Farmers	Ha	11	1100	18000	200000	10000	200000	4th Year	92°41.4753"E	24°51.7696"N
14		Hatirhar Pt- I	Tuloma	Villagers & Farmers	Ha	31	3100	18000	550000	27500	350000	3rd Year	92°42.18616"E	24°50.71169"N
15		Hatirhar Pt- II	Tuloma	Villagers & Farmers	Ha	18	1800	18000	180000	9000	180000	1st Year	92°42.15621"E	24°50.75620"N
16		Srikona Pt- II	Gagra	Villagers & Farmers	Ha	18	1800	18000	200000	10000	200000	2nd Year	92°39.52302"E	24°49.17620"N
17		Salchapra Pt- II	Berabak	Villagers & Farmers	Ha	9	850	18000	150000	7500	150000	1st Year	92°39.42358"E	24°49.38167"N
18		Salchapra Pt- III	Baglenja	Villagers & Farmers	Ha	9	850	18000	150000	7500	150000	4th Year	92°38.9049"E	24°50.0928"N

5.2.1 Soil and Moisture Conservation structures

1	2	3	4	5			6	7	8	9	10	11	12	13
Sl. No.	Name of the Activities (Structures)	Name of the Hamlet / Village	Plot Numbers (including Name of the local Patch)	Name of Beneficiaries	Unit	Area (in Ha)/	Dimension (in M/ Sq. M / CuM) of Structure	Unit Cost	Total Cost (in Rs.)	Contribution	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)	GPS Points	
													Long	Lat
1	Brick Channel	Bhairanagar	Moglai Tuk	Villagers & Farmers	Rm	34		5000	170000	8500	170000	5th Year	92°72.620"E	24°90.522"N
2		Purandarpur	PurandarpurTuk	Villagers & Farmers	Rm	25		5000	195000	9750	195000	5th Year	92°44.22857"E	24°53.34883"N
3		Peladahar	Gangrai Tuk	Villagers & Farmers	Rm	30		5000	2500000	12500	250000	2nd Year	92°44.74210"E	24°52.20280"N
4		Ujangram	Mojil Beel	Villagers & Farmers	Rm	20		5000	100000	5000	100000	5th Year	92°44.49367"E	24°52.19584"N
5		Rakhal Khalerpar Pt- II	Mojil Beel	Villagers & Farmers	Rm	30		5000	300000	15000	300000	1st Year	92°44.4582"E	24°52.2708"N
6		Manikpur	Choli Beel	Villagers & Farmers	Rm	20		5000	300000	15000	300000	4th Year	92°42.3468"E	24°51.4984"N
7		Hatirhar Pt- I	Chalia Beel	Villagers & Farmers	Rm	40		5000	200000	10000	200000	2nd Year	92°41.89359"E	24°51.6910"N
8		Srikona Pt- I	Gagra	Villagers & Farmers	Rm	60		5000	600000	30000	600000	2nd Year	92°41.52921"E	24°51.8199"N
9		Salchapra Pt- I	Berabak	Villagers & Farmers	Rm	30		5000	250000	12500	250000	2nd Year	92°39.85255"E	24°49.4186"N

Table No. 5.2.2 Water Harvesting Structures

1	2	3	4	5			6	7	8	9	10	11	12	13
Sl. No.	Name of the Activities (Structures)	Name of the Hamlet / Village	Plot Numbers (including Name of the local Patch)	Name of Beneficiaries	Unit	Area (in Ha)/	Dimension (in M/ Sq. M / CuM) of Structure	Unit Cost	Total Cost (in Rs.)	Contribution	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)	GPS Points	
													Long	Lat
1	Water Harvesting Pond	Bhairabnagar	Gosara	Villagers & Farmers	NOS	34	2	1250000	250000	12500	250000	3rd Year	92°72.215"E	24°90.498"N
2		Purandarpur	Tukarpar	Villagers & Farmers	NOS	14	1	125000	125000	6250	125000	2nd Year	92°44.12342"E	24°53.34348"N
1	Re-excavation of Drainage Channel	Purandarpur	Tukarpar	Villagers & Farmers	Ha	9	900	18000	160000	8000	160000	1st Year	92°44.22117"E	24°53.34742"N
2		Ujangram	Ujangram Mat	Villagers & Farmers	Ha	4	800	18000	150000	6250	150000	2nd Year	92°40.95862"E	24°50.94610"N
3		Mahadevpur	Mahadevpur Tuk	Villagers & Farmers	Ha	9	850	18000	1200000	10000	200000	2nd Year	92°40.90362"E	24°50.6164"N
4		Ghagrapar Pt- II	Tingorigram	Villagers & Farmers	Ha	9	800	18000	150000	6250	150000	3rd Year	92°40.40056"E	24°50.10954"N
5		Sripur Pt- II	Sripur Tuk	Villagers & Farmers	Ha	11	1100	18000	200000	10000	200000	2nd Year	92°39.70788"E	24°49.60649"N
1	Agri. Pond	Bhairabnagar	Bhairabnagar Tuk	Villagers & Farmers	No	10	2	125000	250000	12500	250000	2nd Year	92°72.840"E	24°90.146"N
2		Purandarpur	Tukorgram	Villagers & Farmers	No	12	1	125000	125000	6250	125000	1st Year	92°43.75078"E	24°53.62087"N
3		Krishnapur	Gangraipar	Villagers & Farmers	No	25	2	125000	250000	12500	250000	5th Year	92°43.72652"E	24°53.72521"N
4		Sarail	Gangraipar	Villagers & Farmers	No	25	2	125000	250000	12500	250000	2nd Year	92°43.71038"E	24°53.39653"N
5		Peladahar	Peladhar Tuk	Villagers & Farmers	No	45	3	125000	375000	18750	375000	5th Year	92°43.15632"E	24°53.38138"N
6		Ujangram	Paulpara	Villagers & Farmers	No	10	1	125000	125000	6250	125000	1st Year	92°44.3445"E	24°52.28374"N
7		Dubag	Lodoibazar	Villagers & Farmers	No	10	1	125000	125000	6250	125000	1st Year	92°44.8048"E	24°52.5442"N
8		Niz Joynagar	Nayagram Tuk	Villagers & Farmers	No	40	5	125000	625000	31250	625000	5th Year	92°44.8045"E	24°52.8592"N
9		Kumarpara	Daspara	Villagers & Farmers	No	40	5	125000	625000	31250	625000	5th Year	92°44.48362"E	24°52.01762"N
10		Balighat	Chorarpar	Villagers & Farmers	No	30	3	125000	325000	16250	325000	4th Year	92°44.53612"E	24°52.17812"N
11		Rakhal Khaelarpar P- I	Mojil Beel	Villagers & Farmers	No	16	2	125000	250000	12500	250000	5th Year	92°43.50539"E	24°51.70731"N
12		Rakhal Khaelarpar P- I	Mojil Beel	Villagers & Farmers	No	30	3	125000	325000	16250	325000	3rd Year	92°43.95352"E	24°50.62792"N
13		Algapur	Manipuri Tuk	Villagers & Farmers	No	29	3	125000	325000	16250	325000	5th Year	92°41.42112"E	24°51.48753"N
14		Patherigram	Kunagram	Villagers & Farmers	No	16	2	125000	250000	12500	250000	5th Year	92°41.63128"E	24°50.8927"N
15		Manikpur	Cholibeel	Villagers & Farmers	No	40	5	125000	625000	31250	625000	5th Year	92°42.41253"E	24°51.78128"N
16		Hatirhar Pt- I	Kandi	Villagers & Farmers	No	12	2	125000	250000	12500	250000	4th Year	92°41.2308"E	24°50.47857"N
17		Srikona Pt- I	Indragram	Villagers & Farmers	No	18	3	125000	375000	18750	375000	4th Year	92°41.9052"E	24°50.6848"N
18		Hatirhar Pt- II	Hatirhar Chor	Villagers & Farmers	No	9	1	125000	125000	6250	125000	3rd Year	92°41.8851"E	24°50.82312"N

Table No. 5.2.2 Water Harvesting Structures

1	2	3	4	5			6	7	8	9	10	11	12	13
Sl. No.	Name of the Activities (Structures)	Name of the Hamlet / Village	Plot Numbers (including Name of the local Patch)	Name of Beneficiaries	Unit	Area (in Ha)/	Dimension (in M/ Sq. M / CuM) of Structure	Unit Cost	Total Cost (in Rs.)	Contribution	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)	GPS Points	
													Long	Lat
19	Agri. Pond	Mahadevpur	Mahadevpur Tuk	Villagers & Farmers	No	10	1	125000	125000	6250	125000	3rd Year	92°40.89256"E	24°50.59874"N
20		Srikona Pt- II	Barakpur	Villagers & Farmers	No	12	2	125000	250000	12500	250000	4th Year	92°41.74512"E	24°49.89241"N
21		Salchapra Pt- I	Boraipar	Villagers & Farmers	No	18	3	125000	375000	18750	375000	5th Year	92°40.19736"E	24°49.65328"N
22		Salchapra Pt- II	Dumkar	Villagers & Farmers	No	8	1	125000	125000	6250	125000	4th Year	92°39.47144"E	24°49.2684"N
23		Salchapra Grant	Rajatilla	Villagers & Farmers	No	12	2	125000	250000	12500	250000	5th Year	92°41.18274"E	24°49.34522"N
24		Srikona Pt- III	Lamatilla	Villagers & Farmers	No	16	2	125000	250000	12500	250000	3rd Year	92°41.29224"E	24°49.49356"N
25		Sridharpur	Gangpar	Villagers & Farmers	No	24	3	125000	375000	19750	375000	5th Year	92°40.10050"E	24°49.74621"N
26		Ghagrapar Pt- II	Tingorigram	Villagers & Farmers	No	34	5	125000	625000	31250	625000	1st Year	92°40.95586"E	24°50.1464"N
27		Sripur Pt- II	Anandpur Tuk	Villagers & Farmers	No	8	2	125000	250000	12500	250000	2nd Year	92°39.62194"E	24°50.1872"N
1	RCC Drop Spillway	Rakhal Khalerpar Pt- I	Majil Nala	Villagers & Farmers	SQM	34	15.56	51400	800000	80000	800000	1st Year	92°43.42124"E	24°51.68712"N
2		Manikpur	Fetikara	Villagers & Farmers	SQM	81	25.30	51400	1300000	130000	1300000	2nd Year	92°42.3734"E	24°51.5078"N
3		Nischintapur	Koia Beel	Villagers & Farmers	SQM	28	11.67	51400	600000	60000	600000	1st Year	92°41.4628"E	24°51.4956"N
4		Srikona Pt- II	Surtara	Villagers & Farmers	SQM	64	31.13	514000	1600000	160000	1600000	2nd Year	92°41.75347"E	24°49.86598"N
5		Salchapra Pt- I	Tilargram	Villagers & Farmers	SQM	32	13.62	51400	700000	70000	700000	1st Year	92°39.84356"E	24°49.5234"N
6		Sripur Pt- II	Anandpur Tuk	Villagers & Farmers	SQM	22	15.56	51400	800000	80000	800000	1st Year	92°38.8459"E	24°50.2853"N

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

1	2			3		4					
S. No.	Name of structures	Area (ha)	Farmers	Total units (No./ cu.m./ rmt)	UNIT COST (Rs)	Proposed plan Estimated cost* (Rs. in lakh)				Farmers contribution	Grant Portion
						M	W	O	T	(Rs. in lakh)	(Rs. in lakh)
A	PRIVATE LAND										
1	Boulder Revetment	125	160	534	0.05150	19.25	7.975	0.275	27.50	0.1375	27.50
2	Field Bund	330	525	3608	0.00167	9.205	58.4425	0.6025	60.25	3.0125	60.25
3	Contour Graded Bund	20	30	1100	0.00318	0.07	3.395	0.35	3.50	0.175	3.50
4	Brick Channel	289	145	473	0.05	16.555	6.622	0.473	23.65	1.1825	23.65
5	Slab Culvert	94	420	23	1.00	13.80	6.67	0.23	23.00	1.15	23.00
6	Earthen Periphery Bund	85	120	9240	0.00167	0.3094	14.968	0.154	15.6317	0.77157	15.4314

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

5.3.2: Details of engineering structures for Water Harvesting WHS

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

1	2	3		4				
S. No.	Name of structures	Total units (No./ cu.m./ rmt)	UNIT COST (Rs)	Proposed plan				Farmers contribution
				Estimated cost*				(Rs)
				(Rs. in lakh)				
				M	W	O	T	
A	PRIVATE LAND							
A1	Individual Structures							
1	RCC Check Dam	113	0.535	34.80	20.30	2.90	58.00	5.80
2	Drainage Channel	23750	0.00176	0.836	40.546	0.418	41.80	4.18
3	Agri. Pond	67	1.25	1.675	81.2375	0.8375	83.75	8.375

Table No. 5.3.3: Details of activities connected with vegetative cover in watershed works

1	2	3	4			
S. No.	Name of structure/ work	Area (ha)	Proposed plan			
			Unit Cost (Rs)	Estimated cost (Rs. in lakh)	Farmer Contribution (Rs. in lakh)	Grant (Rs. in lakh)
1	Land Dev. (Productive Use) Horticulture - Betel Nut, Banana Plantation	13.50	2.50	33.75	1.6875	33.75

Chapter 6

Capacity Building Plan

Table No. 6.1 Details of Capacity Building

1	2	3	4	5	6	7	8	9	10
Sl. No.	Name of the Training & Exposure (Knowledge, Skill, etc. at both Being and Doing level)	Number of events	Number of Participants in an event	Total Number of days per event	Total Traineedays (= 3 x 4 x 5)	Cost per Traineeday (in Rs)	Total Cost required for the programme (= 6 x 7 ; in Rs.)	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)
Mass Meeting									
1	Mass Meeting	10	100	1	1000	200	200000	200000	1st
Subtotal		10	100	1	1000	200	200000	200000	
Awareness Meeting									
1	Awareness Meeting	15	100	1	1500	200	300000	300000	1st
Subtotal		15	100	1	1500	200	300000	300000	
Publicity Materials									
1	Publicity Materials	-	-	-	-	-	121860	121860	1st, 2nd, 3rd
Subtotal							121860	121860	
Institutional Building									
1	WC Formation & Registration, etc.	-	-	-	-	-	80000	80000	1st
2	UG Formation	-	-	-	-	-	60000	60000	2nd, 3rd, 4th, 5th
3	SHG Formation	-	-	-	-	-	60000	60000	2nd, 3rd, 4th, 5th
Subtotal							200000	200000	
TRAINING									
1	WCDC	2	30	1	60	1500	90000	90000	1st Year
2	PIA/WDT	5	10	2	100	1500	150000	150000	1st
3	Watershed Committee	8	11	2	116	1000	116000	116000	2nd, 3rd
4	User Group	10	10	2	200	1000	200000	200000	2nd, 3rd, 4th, 5th

1	2	3	4	5	6	7	8	9	10
Sl. No.	Name of the Training & Exposure (Knowledge, Skill, etc. at both Being and Doing level)	Number of events	Number of Participants in an event	Total Number of days per event	Total Traineedays (= 3 x 4 x 5)	Cost per Traineeday (in Rs)	Total Cost required for the programme (= 6 x7 ; in Rs.)	Total Grant Amount (in Rs)	Year of Implementation (1st/2nd/3rd/4th/5th)
3	SHG	10	16	2	320	1000	320000	320000	2nd. 3rd, 4th, 5th
Subtotal		35	77	9	796	6000	876000	876000	
EXPOSURE VISIT									
1	Farmers/ WC Members	4	10	4	160	1000	160000	160000	2nd. 3rd, 4th, 5th
2	PIA/WDT	4	10	4	160	1000	160000	160000	2nd. 3rd, 4th, 5th
Subtotal		8	20	8	320	2000	320000	320000	
PARTICIPATION IN EXHIBITION									
1	SHG/UG	2	10	4	80	1500	120000	120000	2 nd , 3rd, 4th, 5th
Subtotal		2	10	4	80	1500	120000	120000	
SEMINAR & WORKSHOP									
1	Seminar & Workshop	1	100	1	100	1500	116000	116000	2nd Year, 4th Year
Subtotal		1	100	1	100	1500	116000	116000	
GRAND TOTAL		71	407	24	3796	11400	2253860	2253860	

COST OF CAPACITY BUILDING COMPONENT WISE BREAKUP (Rs. in Lakh)
(OUT OF 5% OF THE TOTAL FUND ALLOCATION)

	Particulars	1st yr	2nd yr	3rd yr	4th yr	5th Year	Total
1	IEC						
1.1	Mass Meeting	2.00					2.00
1.2	Awareness Meeting	3.00					3.00
1.3	Publicity Materials	0.3393	0.5331	0.3461			1.2186
	Sub Total	5.3393	0.5331	0.3461			6.2186
2	Institutional Building						
2.1	WC Formation & Registration, etc.	0.80					0.80
2.2	UG Formation		0.15	0.15	0.15	0.15	0.60
2.3	SHG Formation		0.15	0.15	0.15	0.15	0.60
	Sub Total	0.80	0.30	0.30	0.30	0.30	2.00
3	Capacity Building						
3.1	Training (WCDC)	0.45	0.45				0.90
3.2	Training (PIA& WDT)	1.50					1.50
3.3	Training (WC)		0.58	0.58			1.16
3.4	Training (UG)		0.50	0.90	0.30	0.30	2.00
3.5	Training (SHG)	3.20					3.20
3.6	Exposure Visit (Farmers/WC Members)		0.40	0.637	0.2815	0.2815	1.60
3.7	Exposure Visit (Officers/PRI)		0.40	0.40	0.40	0.40	1.60
3.8	Participation in Exhibition		0.30	0.30	0.30	0.30	1.20
3.9	Seminar & Workshop		0.30	0.30	0.30	0.30	1.20
	Sub Total	5.15	2.93	3.117	1.5815	1.5815	14.36
	Grand Total	11.2893	3.7631	3.7631	1.8815	1.8815	22.5786

Chapter 7

Phasing of Programme and Budgeting

*Please refer to the "Fund Utilization pattern component wise in % under WDC-PMKSY" letter attached in the Annexure.

Table No. 7.1: Phasing of the action plan

(Financial Figures in Lakh)

1	2	3	4	5	6		7		8		9		10		11	
Sl. N o.	Compo nent	Activities	Unit	Unit Cost (Rs.)	1 year		2 nd year		3 rd year		4 th year		5 th year		Total	
					Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
1	Entry Point Activities (2%)															
	i.	Tara Pump	No.	1.05	7	7.35									7	7.35
	ii.	Village Approach Road	No.	0.5024	1	0.5024									1	0.5024
	iii.	Safe Disposal Unit	No.	0.90	8	7.20									8	7.20
		Subtotal of Entry Point Activity				15.0524										15.0524
2	Institution & Capacity Building (5%)															
	i)	Poor HHs in Watersheds to be covered under SHGs														
		SC	No.		194		67		68		34		33		396	
		ST	No.		-		-		-		-		-		-	
		BC	No.		-		-		-		-		-		-	
		OC	No.		874		308		312		142		148		1784	
	ii)	Awareness Generation (events) to be conducted														
		Publicity Materials	No.	0.1777	1.9	0.3393	3	0.5331	1.9	0.3461					6.8	1.2186
		Awareness Meeting	No.	0.002	1500	3.00									1500	3.00
		Mass Meeting	No.	0.002	1000	2.00									1000	2.00
	iii)	Orientation programmes to GP, WC,UG, SHG,VO, VSS, WUA, Societies, Elected reps.	No.													

1	2	3	4	5	6		7		8		9		10		11	
Sl. N o.	Compo nent	Activities	Unit	Unit Cost (Rs.)	1 year		2 nd year		3 rd year		4 th year		5 th year		Total	
					Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
	iv)	Formation of UGs	No.	0.002			75	0.15	75	0.15	75	0.15	75	0.15	300	0.60
		No. of women	No.													
		No. of men	No.													
	v)	Formation of SHGs	No.	0.002			75	0.15	75	0.15	75	0.15	75	0.15	300	0.60
		No. of women	No.													
		No. of men	No.													
	vi)	Formation of Watershed Committee & Registration	No.	0.20	4	0.80									4	0.80
		No. of women	No.													
		No. of men	No.													
	vii)	Regular Meetings to be conducted														
		Watershed Committee	No.		16		12		12		8		8		56	
		UGs/LGs	No.													
		VO/SHGs	No.													
		Gram Panchayat	No.													
	viii)	No. of Planning events	No.	Planning Events are clubbed with regular meeting of WC												
	ix)	Registration of WC	No.	Registration of WC is made as a part of WC Formation												
	x)	Self Monitoring events (planning, review of activities through tool)	No.													
	xi)	Convergence meetings with LDs/other institutions	No.				4		4						8	
	xii)	Social Audit events	No.		2		2		2		2		2		10	
	xiii)	Trainings & Exposures														
	a)	WCDC	No.Trgs	0.015	30	0.45	30	0.45							60	0.90
		Women	No.													
		Men	No.													

1	2	3	4	5	6		7		8		9		10		11	
Sl. N o.	Compo nent	Activities	Unit	Unit Cost (Rs.)	1 year		2 nd year		3 rd year		4 th year		5 th year		Total	
					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)	PIA WDT	No. trgs	0.015	100	1.50									100	1.50
		Women	No.													
		Men	No.													
	c)	WC/SHG/UG	No. trgs	0.01			58	0.58	58	0.58					116	1.16
		Women	No.													
		Men	No.													
	d)	UG	No. trgs	0.01			50	0.50	90	0.90	30	0.30	30	0.30	200	2.00
		Women	No.													
		Men	No.													
	e)	SHG	No. trgs	0.01	320	3.20									320	3.20
		Women	No.													
		Men	No.													
	f)	Exposure Visits (Farmer / WCs)	Nos	0.01			40	0.40	63	0.637	28	0.2815	28	0.2815	159	1.60
		Women	No.													
		Men	No.													
	g)	Exposure Visit (Officer / PRI)		0.01			40	0.40	40	0.40	40	0.40	40	0.40	160	1.60
		Women	No.													
		Men	No.													
	h)	Participation in Exhibition		0.015			20	0.30	20	0.30	20	0.30	20	0.30	80	1.20
		Women	No.													
		Men	No.													
	i)	Seminar & Workshop		0.015			20	0.30	20	0.30	20	0.30	20	0.30	80	1.20
		Women	No.													

1	2	3	4	5	6		7		8		9		10		11	
Sl. N o.	Compo nent	Activities	Unit	Unit Cost (Rs.)	1 year		2 nd year		3 rd year		4 th year		5 th year		Total	
					Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)	Phy (No)	Fin (Rs.)
		Men	No.													
	Subtotal IB & CB {Do not sum Men & Women under CB events (a to f)}2				2955.90	11.29	411.00	3.76	442.90	3.76	288.00	1.88	288.00	1.88		22.5786
3	Productivity Enhancement (15%)															
	i)	Crop Demo (Papaya)	Ha.	0.30			18	5.40	37	11.10	24	7.20	3	0.90	82	24.60
	ii)	Crop Demon (Lemon)	Ha.	0.30	9	2.70	27.3555	8.20665	50	15.00	38.6445	11.59335	9	2.70	134	40.20
	iii)	Banana Cultivation	Ha.	0.30	16.0875	4.8262	28.24	8.47195	32.85	9.5572	29	8.70	6.8155	2.04465	110.993	33.60
	iv)	Milch Cow	Nos.	0.50			1	0.50	19	9.50	8	4.00			28	14.00
	v)	Horticulture Nursery	Ha.	0.493							2	0.493			2	0.493
		Sub-Total =			25.0875	7.5262	74.5955	22.5786	138.85	45.1572	100.6445	31.98635	18.8155	5.64465	355.993	112.893
4	Enterprise Promotion (15%)															
	i)	Duckery	No.	0.25	12	3.00	31	7.75	39	9.75	47	10.25	7	1.75	136	32.50
	ii)	Goatery	No.	0.30	5	1.50	19	5.70	83	24.90	53	15.90	10	3.00	170	51.00
	iii)	Poultry	No.	0.25	11	2.75	20	5.00	37	9.25	30	7.50	10	2.50	108	27.00
	iv)	Handloom	No.	0.50					2	1.00					2	1.00
	v)	Fishing Equipment	No.	0.2762	1	0.2762							1	0.2762	2	0.5524
	vi)	Carpentry	No.	0.2179									1	0.2179	1	0.2179
	vii)	Fish Pond Development	No.	0.3655			1	0.3655							1	0.3655
	viii)	Bamboo Craft	No.	0.2572					1	0.2572					1	0.2572
	Sub-Total EP =				29	7.5262	71	18.8155	162	45.1572	130	33.65	29	7.7441	421	112.893

NB: Cost unit of Handloom @ Rs. 0.50/- as per estimate of Handloom & Textiles Deptt. (Beneficiaries are SHG)
Cost unit of Milch Cow @ Rs. 0.50/- as per estimate of Veterinary & Animal Husbandry Deptt. (Beneficiaries are SHG)

5	Natural Resource Management 47%)		Unit	Unit Cost	1 st Year		2 nd Year		3 rd Year		4 th Year		5 th Year		Total	
					Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
	I)	WHS (MI Works)														
	a	Agri Pond	Nos.	1.25	8	10.00	8	10.00	10	12.50	7	8.75	7	8.75	40	50.00
	b	Water Harvesting Pond	Nos.	1.25			3	3.75							3	3.75
	c	RCC Drop Spillway	Sqm.	0.535	84.11	45.00	24.30	13.00							108.41	58.00
	II	Soil Moisture Conservation (SMC)														
	a	Field Bund	Ha.	0.18	102.88	18.5192	74.27	13.3692	136.76	24.6178	38.895	7.0011			352.805	63.5172
	b	Contour Graded Bund	Ha.	0.18			19.44	3.50							19.44	3.50
	c	Earthen Periphery Bund	Ha.	0.18			50.00	9.00	11.11	2.00			17.03	3.0655	78.14	14.0655
	d	Boulder Revetment	Rm.	0.0515	223.30	11.50	310.68	16.00							533.98	27.50
	e	Slab Culvert with Nala Bund	Nos.	1.00	7	7.00	6	6.00	8	8.00			2	2.00	23	23
	f	Brick Channel	Rm.	0.05	120	6.00	276	13.80	20	1.0255	36.55	1.8275			452.55	22.653
	g	Drainage Channel	Ha.	0.18	73.89	13.30	127.78	23.00	50.58	9.1056					252.25	45.4056
	h	Re-excavation of Drainage Channel	Ha.	0.18	8.88	1.60	22.22	4.00	16.66	3.00					47.76	8.60
	III	Land Development (Productive Use)														
		Horticulture - Betel Nut, Banana Plantation	Ha.	2.50	3	7.50	2	5.00	4.50	11.25	2	5.00	2	5.00	13.50	33.75
		Subtotal NRM =			634.06	120.4192	925.69	120.4192	262.11	71.4989	86.445	22.5786	30.03	18.8155		353.7314
6	Natural Resource Management Governance (2%)															
	I	Maintenance of Natural Resources Related Assets														
	a	Meeting with the members of Gram Panchayat alongwith PRI members	No.	0.10	5	0.50	5	0.50	5	0.50	5	0.50			20	2.00
	b	Preparation of over all Project Development Plan	No.	0.05	2	0.10	2	0.10	2	0.10	2	0.10			8	0.40
	C	Meeting for Annual Audit under Budgeting with GP and PRI members	No.	0.05			6	0.30	6	0.30	6	0.30			18	0.90

6	Natural Resource Management Governance (2%)		Unit	Unit Cost	1 st Year		2 nd Year		3 rd Year		4 th Year		5 th Year		Total	
					Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
	II	# Water Budgeting, Management/ Regulatory Norms and Governance														
	a	Ground Water Monitoring (twice a year)	No.	0.10	5	0.5131	5	0.5131	5	0.5131	5	0.5131			20	2.0524
	b	Training for the Monitoring Exercises	No.	0.20	4	0.80	3	0.60	2	0.40	3	0.60			12	2.40
	III	Protection and Regulation/ Regeneration of Common Lands (For the protection of the upper reaches of the watershed slopes)														
	a	Meeting with Departmental Officers & staff of Forest, Agriculture, Veterinary etc. for protection & regeneration/ regulation in upper reaches of the watershed slope.	No.	0.05	12	0.60	12	0.60	12	0.60	12	0.60			48	2.40
	b	Formation of User's Group & Mobility	No.	0.02	40	0.80	35	0.70	45	0.90	35	0.70			155	3.10
	c	Formation of Voluntary Organization & Mobility	No.	0.03	15	0.45	15	0.45	15	0.45	15	0.45			60	1.80
		Sub Total of NRM Governance:				3.7631		3.7631		3.7631		3.7631			341	15.0524
7	Administration (10%)															
	a	WCDC Level	Rs.			0.42		0.42		0.42		0.42		0.42		2.10
	b	PIA / WDT Level.														
		1)Honorarium/Specialist/ wages to temporary PIA staff	Rs.	0.15		2.80		2.80		2.80		2.80		2.80		14.00
		2) T.A/D.A.	Rs.			2.00		2.00		2.00		2.00		2.00		10.00
		3) Office contingencies.	Rs.			1.1924		1.1924		1.1924		1.1924		1.1924		5.962
		4) Pol	Rs.			4.00		4.00		4.00		4.00		4.00		20.00

7	Administration (10%)		Unit	Unit Cost	1 st Year		2 nd Year		3 rd Year		4 th Year		5 th Year		Total	
					Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
	c	WC / Village Level														
		1) Honorarium to village level Workers	Rs.	0.10		1.20		1.20		1.20		1.20		1.20		6.00
		2) Honorarium/Salary to Secy.	Rs.			1.44		1.44		1.44		1.44		1.44		7.20
		3) Office contingencies.	Rs.			1.00		1.00		1.00		1.00		1.00		5.00
		4) T.A/D.A.	Rs.			1.00		1.00		1.00		1.00		1.00		5.00
		Sub Total of Admin				15.0524		15.0524		15.0524		15.0524		15.0524		75.262
8	Monitoring Cost (1%)															
	a	Monitoring	Rs.					1.88155		1.88155		1.88155		1.88155		7.5262
		Sub Total of Monitoring						1.88155		1.88155		1.88155		1.88155		7.5262
9	Evaluation (1%)															
	A	Evaluation	Rs.					1.88155		1.88155		1.88155		1.88155		7.5262
		Sub Total of Evaluation						1.88155		1.88155		1.88155		1.88155		7.5262
10	DPR (1%)															
	a	DPR Preparation	Rs.			7.5262										7.5262
		Sub Total of DPR				7.5262										7.5262
11	Consolidation (3%)															
	a	Consolidation	Rs.											22.5786		22.5786
		Sub Total of Consolidation												22.5786		22.5786
		Grand Total (sum of all sub-totals 1 to 11)				188.155		188.155		188.155		112.893		75.262		752.62

Annexure-1 (A)

VILLAGE & MICRO-WATERSHED WISE BUDGETING FOR WATERSHED WORK PHASE (47%)

Rs. in Lakh

Name of Micro Watershed	Krishnapur													
Name of Village	Bhairabnagar													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	2	2.50	1	1.25	1	1.25						
Water Harvesting Pond	Nos.	125000/No.	2	2.50			2	2.50						
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	11.11	2.00			11.11	2.00						
Contour Graded Bund	Ha.	18000/Ha.	5.55	1.00			5.55	1.00						
Safe Disposal Unit with Nala Bund	Nos.	100000/No.	3	3.00	3	3.00								
Brick Channel	Rm.	5000/Rm.	34	1.70			17	0.85			17	0.85		
SUB TOTAL				12.70		4.25		7.60				0.85		

Name of Micro Watershed	Krishnapur													
Name of Village	Purandarpur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	1	1.25	1	1.25								
Water Harvesting Pond	Nos.	125000/No.	1	1.25			1	1.25						
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	18.716	3.3689	11.11	2.00			7.605	1.3689				
Contour Graded Bund	Ha.	18000/Ha.	13.88	2.50			13.88	2.50						
Safe Disposal Unit with Nala Bund	Nos.	100000/No.	3	3.00					3	3.00				
Brick Channel	Rm.	5000/Rm.	39	1.95			39	1.95						
Re-excavation of Drainage Channel	Ha.	18000/Rm.	8.88	1.60	8.88	1.60								
SUB TOTAL				14.9189		4.85		5.70		4.3689				

Name of Micro Watershed	Krishnapur													
Name of Village	Krishnapur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	2	2.50					1	1.25			1	1.25
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	33.33	6.00	11.11	2.00			22.22	4.00				
Safe Disposal Unit with Nala Bund	Nos.	100000/No.	3	3.00	1	1.00	1	1.00	1	1.00				
Drainage Channel	Ha.	18000/Ha.	16.66	3.00	8.33	1.50	8.33	1.50						
SUB TOTAL				14.50		4.50		2.50		6.25				1.25

Name of Micro Watershed	Krishnapur													
Name of Village	Sarail													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	1	1.25					1	1.25				
Soil Moisture Conservation (SMC)														
Safe Disposal Unit with Nala Bund	Nos.	100000/No.	2	2.00	1	1.00	1	1.00						
Drainage Channel	Ha.	18000/Ha.	8.33	1.50			8.33	1.50						
Land Development (Productive Use)														
Horticulture - Betel Nut, Banana Plantation	Ha.	250000/Ha.	0.5	1.25					0.50	1.25				
SUB TOTAL				6.00		1.00		2.50		2.50				

Name of Micro Watershed	Krishnapur													
Name of Village	Peladahar													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	2	2.50					1	1.25			1	1.25
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	8.33	1.50			8.33	1.50						
Safe Disposal Unit with Nala Bund	Nos.	100000/No.	4	4.00	1	1.00	1	1.00	2	2.00				
Brick Channel	Rm.	5000/Rm.	50	2.50			50	2.50						
Drainage Channel	Ha.	18000/Ha.	8.33	1.50	8.33	1.50								
Land Development (Productive Use)														
Horticulture - Betel Nut, Banana Plantation	Ha.	250000/Ha.	0.5	1.25	0.5	1.25								
SUB TOTAL				13.25		3.75		5.00		3.25				1.25

Name of Micro Watershed	Krishnapur													
Name of Village	Ujangram													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	1	1.25	1	1.25								
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	11.11	2.00					11.11	2.00				
Brick Channel	Rm.	5000/Rm.	20	1.00			20	1.00						
Drainage Channel	Ha.	18000/Ha.	11.11	2.00			11.11	2.00						
Re-excavation of Drainage Channel	Ha.	18000/Ha.	8.33	1.50					8.33	1.50				
SUB TOTAL				7.75		1.25		3.00		3.50				

Name of Micro Watershed	Krishnapur													
Name of Village	Dubag													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	1	1.25	1	1.25								
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	16.66	3.00	8.33	1.50			8.33	1.50				
Drainage Channel	Ha.	18000/Ha.	8.33	1.50			8.33	1.50						
SUB TOTAL				5.75		2.75		1.50		1.50				

Name of Micro Watershed	Krishnapur													
Name of Village	Raipur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	16.66	3.00			8.33	1.50			8.33	1.50		
Safe Disposal Unit with Nala Bund	Nos.	100000/No.	2	2.00	1	1.00			1	1.00				
Drainage Channel	Ha.	18000/Ha.	22.22	4.00	11.11	2.00	11.11	2.00						
SUB TOTAL				9.00		3.00		3.50		1.00		1.50		

Name of Micro Watershed	Niz Joynagar													
Name of Village	Niz Joynagar													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	3	3.75	1	1.25			1	1.25	1	1.25		
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	16.66	3.00					11.105	1.9989	5.56	1.0011		
Boulder Revetment	Rm.	5150/Rm.	97.08	5.00	58.25	3.00	38.83	2.00						
Drainage Channel	Ha.	18000/Ha.	16.66	3.00	8.33	1.50	8.33	1.50						
Land Development (Productive Use)														
Horticulture - Betel Nut, Banana Plantation	Ha.	250000/Ha.	1	2.50			1	2.50						
SUB TOTAL				17.25		5.75		6.00		3.2489		2.2511		

Name of Micro Watershed	Niz Joynagar													
Name of Village	Kumarpara													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	1	1.25	1	1.25								
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	33.33	6.00			11.11	2.00	11.11	2.00	11.11	2.00		
Boulder Revetment	Rm.	5150/Rm.	58.25	3.00	58.25	3.00								
Drainage Channel	Ha.	18000/Ha.	11.11	2.00			11.11	2.00						
Land Development (Productive Use)														
Horticulture - Betel Nut, Banana Plantation	Ha.	250000/Ha.	2	5.00			1	2.50	1	2.50				
SUB TOTAL				17.25		4.25		6.50		4.50		2.00		

Name of Micro Watershed	Niz Joynagar													
Name of Village	Balighat													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	3	3.75	1	1.25	1	1.25			1	1.25		
Soil Moisture Conservation (SMC)														
Drainage Channel	Ha.	18000/Ha.	16.66	3.00	8.33	1.50	8.33	1.50						
SUB TOTAL				6.75		2.75		2.75				1.25		

Name of Micro Watershed	Niz Joynagar													
Name of Village	Rakhal Khalerpar Pt-I													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	2	2.50							1	1.25	1	1.25
RCC Drop Spill Way	Sqm.	53500/Sqm.	14.95	8.00	14.95	8.00								
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	11.11	2.00					11.11	2.00				
Earthen Periphery Bund	Ha.	18000/Ha.	27.77	5.00			27.77	5.00						
Boulder Revetment	Rm.	5150/Rm.	58.25	3.00			58.25	3.00						
SUB TOTAL				20.50		8.00		8.00		2.00		1.25		1.25

Name of Micro Watershed	Niz Joynagar													
Name of Village	Rakhal Khalerpar Pt-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	3	3.75	1	1.25	1	1.25	1	1.25				
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	23.60	4.25					9.72	1.75	13.88	2.50		
Brick Channel	Rm.	5000/Rm.	60	3.00	60	3.00								
Drainage Channel	Ha.	18000/Ha.	16.66	3.00			16.66	3.00						
SUB TOTAL				14.00		4.25		4.25		3.00		2.50		

Name of Micro Watershed	Patherigram													
Name of Village	Algapur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	1	1.25									1	1.25
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	8.33	1.50			8.33	1.50						
Drainage Channel	Ha.	18000/Ha.	8.33	1.50	8.33	1.50								
Land Development (Productive Use)														
Horticulture - Betel Nut, Banana Plantation	Ha.	250000/Ha.	1	2.50	0.5	1.25	0.5	1.25						
SUB TOTAL				6.75		2.75		2.75						1.25

Name of Micro Watershed	Patherigram													
Name of Village	Patherigram													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	8.44	1.5192	8.44	1.5192								
Earthen Periphery Bund	Ha.	18000/Ha.	7.60	1.3692			7.60	1.3692						
Drainage Channel	Ha.	18000/Ha.	8.92	1.6056					8.92	1.6056				
Land Development (Productive Use)														
Horticulture - Betel Nut, Banana Plantation	Ha.	250000/Ha.	1	2.50							0.5	1.25	0.5	1.25
SUB TOTAL				6.994		1.5192		1.3692		1.6056		1.25		1.25

Name of Micro Watershed	Patherigram													
Name of Village	Manikpur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	3	3.75	1	1.25	1	1.25	1	1.25				
RCC Drop Spill Way	Sqm.	53500/Sqm.	24.295	13.00	14.95	8.00	9.345	5.00						
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	22.22	4.00					22.22	4.00				
Earthen Periphery Bund	Rm.	18000/Ha.	17.03	3.0655									17.03	3.0655
Safe Disposal Unit with Nala Bund	Nos.	100000/No.	1	1.00									1	1.00
Brick Channel	Rm.	5000/Rm.	40	2.003					21	1.0225	19	0.9775		
Drainage Channel	Ha.	18000/Ha.	11.11	2.00					11.11	2.00				
Land Development (Productive Use)														
Horticulture - Betel Nut, Banana Plantation	Ha.	250000/Ha.	1	2.50							0.50	1.25	0.50	1.25
SUB TOTAL				31.3185		9.25		6.25		8.2755		2.2275		5.3155

Name of Micro Watershed	Patherigram													
Name of Village	Nischintapur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
RCC Drop Spill Way	Sqm.	53500/Sqm.	11.21	6.00	11.21	6.00								
Soil Moisture Conservation (SMC)														
Safe Disposal Unit with Nala Bund	Nos.	100000/No.	2	2.00			1	1.00	1	1.00				
Drainage Channel	Ha.	18000/Ha.	11.11	2.00					11.11	2.00				
SUB TOTAL				10.00		6.00		1.00		3.00				

Name of Micro Watershed	Patherigram													
Name of Village	Hatirhar Pt-I													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	2	2.50	1	1.25			1	1.25				
Soil Moisture Conservation (SMC)														
Brick Channel	Rm.	5000/Rm.	40	2.00			40	2.00						
Drainage Channel	Ha.	18000/Ha.	30.55	5.50	11.11	2.00	8.33	1.50	11.11	2.00				
SUB TOTAL				10.00		3.25		3.50		3.25				

Name of Micro Watershed	Patherigram													
Name of Village	Srikona Pt-I													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	1	1.25									1	1.25
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	36.10	6.50	13.88	2.50	11.11	2.00	11.11	2.00				
Boulder Revetment	Rm.	5150/Rm.	135.92	7.00	67.96	3.50	67.96	3.50						
Brick Channel	Rm.	5000/Rm.	120	6.00	60	3.00	60	3.00						
Land Development (Productive Use)														
Horticulture - Betel Nut, Banana Plantation	Ha.	250000/Ha.	1	2.50					1	2.50				
SUB TOTAL				23.25		9.00		8.50		4.50				1.25

Name of Micro Watershed	Patherigram													
Name of Village	Hatirhar Pt-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	1	1.25					1	1.25				
Soil Moisture Conservation (SMC)														
Boulder Revetment	Rm.	5150/Rm.	38.83	2.00			38.83	2.00						
Drainage Channel	Ha.	18000/Ha.	10	1.80	10	1.80								
SUB TOTAL				5.05		1.80		2.00		1.25				

Name of Micro Watershed	Patherigram													
Name of Village	Mahadevpur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	1	1.25					1	1.25				
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	11.11	2.00	11.11	2.00								
Safe Disposal Unit with Nala Bund	Nos.	100000/No.	1	1.00			1	1.00						
Re-excavation of Drainage Channel	Ha.	18000/Ha.	11.11	2.00			11.11	2.00						
SUB TOTAL				6.25		2.00		3.00		1.25				

Name of Micro Watershed	Salchapra													
Name of Village	Srikona Pt-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	2	2.50					1	1.25	1	1.25		
RCC Drop Spill Way	Sqm.	53500/Sqm.	29.90	16.00	14.95	8.00	14.95	8.00						
Soil Moisture Conservation (SMC)														
Boulder Revetment	Rm.	5150/Rm.	48.54	2.50			48.54	2.50						
Drainage Channel	Ha.	18000/Ha.	11.11	2.00			11.11	2.00						
SUB TOTAL				23.00		8.00		12.50		1.25		1.25		

Name of Micro Watershed	Salchapra													
Name of Village	Salchapra Pt-I													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	1	1.25					1	1.25				
RCC Drop Spill Way	Sqm.	53500/Sqm.	13.08	7.00	13.08	7.00								
Soil Moisture Conservation (SMC)														
Brick Channel	Rm.	5000/Rm.	50	2.50			50	2.50						
Land Development (Productive Use)														
Horticulture - Betel Nut, Banana Plantation	Ha.	250000/Ha.	1	2.50							0.5	1.25	0.5	1.25
SUB TOTAL				13.25		7.00		2.50		1.25		1.25		1.25

Name of Micro Watershed	Salchapra													
Name of Village	Salchapra Pt-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	1	1.25							1	1.25		
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	8.33	1.50	8.33	1.50								
Drainage Channel	Ha.	18000/Ha.	8.33	1.50			8.33	1.50						
SUB TOTAL				4.25		1.50		1.50				1.25		

Name of Micro Watershed	Salchapra													
Name of Village	Salchapra Grant													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	8.33	1.50			8.33	1.50						
Boulder Revetment	Rm.	5150/Rm.	38.83	2.00	38.83	2.00								
Land Development (Productive Use)														
Horticulture - Betel Nut, Banana Plantation	Ha.	250000/Ha.	1	2.50							0.5	1.25	0.5	1.25
SUB TOTAL				6.00		2.00		1.50				1.25		1.25

Name of Micro Watershed	Salchapra													
Name of Village	Srikona Pt-III													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	2	2.50	1	1.25			1	1.25				
Soil Moisture Conservation (SMC)														
Boulder Revetment	Rm.	5150/Rm.	58.25	3.00			58.25	3.00						
SUB TOTAL				5.50		1.25		3.00		1.25				

Name of Micro Watershed	Salchapra													
Name of Village	Sridharpur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	11.11	2.00	11.11	2.00								
Earthen Periphery Bund	Ha.	18000/Ha.	11.11	2.00			11.11	2.00						
Safe Disposal Unit with Nala Bund	Nos.	100000/No.	1	1.00			1	1.00						
Land Development (Productive Use)														
Horticulture - Betel Nut, Banana Plantation	Ha.	250000/Ha.	1.5	3.75					0.5	1.25	0.5	1.25	0.5	1.25
SUB TOTAL				8.75		2.00		3.00		1.25		1.25		1.25

Name of Micro Watershed	Salchapra													
Name of Village	Ghagrapar Pt-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
Agri. Pond	Nos.	125000/No.	3	3.75	1	1..25	1	1..25	1	1..25				
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	16.66	3.00	8.33	1.50	8.33	1.50						
Re-excavation of Drainage Channel	Ha.	18000/Ha.	8.33	1.50					8.33	1.50				
Land Development (Productive Use)														
Horticulture - Betel Nut, Banana Plantation	Ha.	250000/Ha.	1	2.50							0.5	1..25	0.5	1..25
SUB TOTAL				10.75		2.75		2.75		2.75		1.25		1.25

Name of Micro Watershed	Salchapra													
Name of Village	Salchapra Pt-III													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	11.11	2.00	11.11	2.00								
Earthen Periphery Bund	Ha.	18000/Ha.	11.11	2.00			11.11	2.00						
Drainage Channel	Ha.	18000/Ha.	8.33	1.50					8.33	1.50				
SUB TOTAL				5.50		2.00		2.00		1.50				

Name of Micro Watershed	Salchapra													
Name of Village	Sripur Pt-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
WHS (MI Works)														
RCC Drop Spill Way	Sqm.	53500/Sqm.	14.95	8.00	14.95	8.00								
Soil Moisture Conservation (SMC)														
Field Bund	Ha.	18000/Ha.	11.11	2.00					11.11	2.00				
Earthen Periphery Bund	Ha.	18000/Ha.	11.11	2.00					11.11	2.00				
Safe Disposal Unit with Nala Bund	Nos.	100000/No.	1	1.00									1	1.00
Re-excavation of Drainage Channel	Ha.	18000/Ha.	11.11	2.00			11.11	2.00						
Land Development (Productive Use)														
Horticulture - Betel Nut, Banana Plantation	Ha.	250000/Ha.	1	2.50			1	2.50						
SUB TOTAL				17.50		8.00		4.50		4.00				1.00
GRAND TOTAL				353.7314		120.4192		120.4192		71.4989		22.5786		18.8155

ANNEXURE- 1 (B)

VILLAGE & MICRO-WATERSHED WISE BUDGETING FOR PRODUCTION SYSTEM & MICRO ENTERPRISE (15%)

Rs. in Lakh

Name of Micro Watershed	Krishnapur													
Name of Village	Ujangram													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Papaya)	Ha.	30000/Ha.	4	1.20					4	1.20				
Crop Demo (Lemon)	Ha.	30000/Ha.	4	1.20	1	0.30			1	0.30	2	0.60		
Banana Cultivation	Ha.	30000/Ha.	2	0.60			1	0.30			1	0.30		
SUB TOTAL				3.00		0.30		0.30		1.50		0.90		
Name of Micro Watershed	Krishnapur													
Name of Village	Bhairabnagar													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Milch Cow	Nos.	50000/No.	1	0.50							1	0.50		
Crop Demo (Papaya)	Ha.	30000/Ha.	4	1.20			2	0.60	2	0.60				
Crop Demo (Lemon)	Ha.	30000/Ha.	4	1.20					3	0.90	1	0.30		
Banana Cultivation	Ha.	30000/Ha.	3	0.90	1	0.30			1	0.30	1	0.30		
SUB TOTAL				3.80		0.30		0.60		1.80		1.10		

Name of Micro Watershed	Krishnapur													
Name of Village	Purandarpur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Papaya)	Ha.	30000/Ha.	4	1.20			1	0.30	1	0.30	2	0.60		
Crop Demo (Lemon)	Ha.	30000/Ha.	4	1.20	1	0.30	1	0.30			2	0.60		
Banana Cultivation	Ha.	30000/Ha.	1	0.30			1	0.30						
SUB TOTAL				2.70		0.30		0.90		0.30		1.20		
Name of Micro Watershed	Krishnapur													
Name of Village	Krishnapur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Milch Cow	Nos.	50000/No.	1	0.50							1	0.50		
Crop Demo (Papaya)	Ha.	30000/Ha.	3	0.90					3	0.90				
Crop Demo (Lemon)	Ha.	30000/Ha.	5	1.50	1	0.30			2	0.60	2	0.60		
Banana Cultivation	Ha.	30000/Ha.	4	1.20			2	0.60	2	0.60				
SUB TOTAL				4.10		0.30		0.60		2.10		1.10		

Name of Micro Watershed	Krishnapur													
Name of Village	Sarail													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Papaya)	Ha.	30000/Ha.	1	0.30							1	0.30		
Crop Demo (Lemon)	Ha.	30000/Ha.	2	0.60					2	0.60				
Banana Cultivation	Ha.	30000/Ha.	2	0.60			1	0.30					1	0.30
SUB TOTAL				1.50				0.30		0.60		0.30		0.30
Name of Micro Watershed	Krishnapur													
Name of Village	Peladahar													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Papaya)	Ha.	30000/Ha.	2	0.60					1	0.30	1	0.30		
Crop Demo (Lemon)	Ha.	30000/Ha.	7	2.10			1	0.30	6	1.80				
Banana Cultivation	Ha.	30000/Ha.	5	1.50			1	0.30	3	0.90	1	0.30		
SUB TOTAL				4.20				0.60		3.00		0.60		

Name of Micro Watershed	Krishnapur													
Name of Village	Dubag													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Lemon)	Ha.	30000/Ha.	2	0.60			1	0.30	1	0.30				
Banana Cultivation	Ha.	30000/Ha.	2	0.60							2	0.60		
SUB TOTAL				1.20				0.30		0.30		0.60		
Name of Micro Watershed	Krishnapur													
Name of Village	Raipur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Papaya)	Ha.	30000/Ha.	3	0.90			1	0.30	1	0.30	1	0.30		
Crop Demo (Lemon)	Ha.	30000/Ha.	4	1.20			1	0.30	1	0.30	1	0.30	1	0.30
Banana Cultivation	Ha.	30000/Ha.	4	1.20	1	0.30			2	0.60	1	0.30		
SUB TOTAL				3.30		0.30		0.60		1.20		0.90		0.30

Name of Micro Watershed	Niz Joynagar													
Name of Village	Niz Joynagar													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Milch Cow	Nos.	50000/No.	1	0.50					1	0.50				
Crop Demo (Papaya)	Ha.	30000/Ha.	3	0.90			1	0.30	1	0.30	1	0.30		
Crop Demo (Lemon)	Ha.	30000/Ha.	4	1.20			1	0.30	1	0.30	2	0.60		
Banana Cultivation	Ha.	30000/Ha.	6	1.80	1	0.30	1	0.30	2	0.60	1	0.30	1	0.30
SUB TOTAL				4.40		0.30		0.90		1.70		1.20		0.30
Name of Micro Watershed	Niz Joynagar													
Name of Village	Kumarpara													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Milch Cow	Nos.	50000/No.	2	1.00			1	0.50	1	0.50				
Crop Demo (Papaya)	Ha.	30000/Ha.	4	1.20					2	0.60	2	0.60		
Crop Demo (Lemon)	Ha.	30000/Ha.	7	2.10	1	0.30	1	0.30	2	0.60	2	0.60	1	0.30
Banana Cultivation	Ha.	30000/Ha.	4	1.20			1	0.30	2	0.60	1	0.30		
SUB TOTAL				5.50		0.30		1.10		2.30		1.50		0.30

Name of Micro Watershed	Niz Joynagar													
Name of Village	Balighat													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Papaya)	Ha.	30000/Ha.	1	0.30					1	0.30				
Crop Demo (Lemon)	Ha.	30000/Ha.	3	0.90			1	0.30	1	0.30	1	0.30		
Banana Cultivation	Ha.	30000/Ha.	2	0.60					1	0.30	1	0.30		
SUB TOTAL				1.80				0.30		0.90		0.60		
Name of Micro Watershed	Niz Joynagar													
Name of Village	Rakhal Khalerpar Pt-I													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Milch Cow	Nos.	50000/No.	2	1.00					2	1.00				
Crop Demo (Papaya)	Ha.	30000/Ha.	3	0.90					1	0.30	2	0.60		
Crop Demo (Lemon)	Ha.	30000/Ha.	3	0.90			2	0.60					1	0.30
Banana Cultivation	Ha.	30000/Ha.	2	0.60	2	0.60								
SUB TOTAL				3.40		0.60		0.60		1.30		0.60		0.30

Name of Micro Watershed	Niz Joynagar													
Name of Village	Rakhal Khalerpar Pt-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Papaya)	Ha.	30000/Ha.	4	1.20			1	0.30	2	0.60	1	0.30		
Crop Demo (Lemon)	Ha.	30000/Ha.	5	1.50	1	0.30	1	0.30	2	0.60	1	0.30		
Banana Cultivation	Ha.	30000/Ha.	5	1.50			1	0.30	2	0.60	2	0.60		
SUB TOTAL				4.20		0.30		0.90		1.80		1.20		
Name of Micro Watershed	Patherigram													
Name of Village	Manikpur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Milch Cow	Nos.	50000/No.	3	1.50					3	1.50				
Crop Demo (Papaya)	Ha.	30000/Ha.	6	1.80			2	0.60	2	0.60	2	0.60		
Crop Demo (Lemon)	Ha.	30000/Ha.	7	2.10			2	0.60	2	0.60	2	0.60	1	0.30
Banana Cultivation	Ha.	30000/Ha.	7	2.10	2	0.60	3	0.90	2	0.60				
SUB TOTAL				7.50		0.60		2.10		3.30		1.20		0.30

Name of Micro Watershed	Patherigram													
Name of Village	Nischintapur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Papaya)	Ha.	30000/Ha.	2	0.60			1	0.30	1	0.30				
Crop Demo (Lemon)	Ha.	30000/Ha.	10	3.00			1	0.30	4	1.20	4	1.20	1	0.30
Banana Cultivation	Ha.	30000/Ha.	7	2.10	1	0.30	1	0.30	2	0.60	3	0.90		
SUB TOTAL				5.70		0.30		0.90		2.10		2.10		0.30
Name of Micro Watershed	Patherigram													
Name of Village	Algapur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Papaya)	Ha.	30000/Ha.	3	0.90			1	0.30			2	0.60		
Crop Demo (Lemon)	Ha.	30000/Ha.	6	1.80	1	0.30	1	0.30	1	0.30	2	0.60	1	0.30
Banana Cultivation	Ha.	30000/Ha.	2	0.60					1	0.30	1	0.30		
SUB TOTAL				3.30		0.30		0.60		0.60		1.50		0.30

Name of Micro Watershed	Patherigram													
Name of Village	Patherigram													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Papaya)	Ha.	30000/Ha.	2	0.60					1	0.30			1	0.30
Crop Demo (Lemon)	Ha.	30000/Ha.	2	0.60					1	0.30	1	0.30		
Banana Cultivation	Ha.	30000/Ha.	1	0.30			1	0.30						
SUB TOTAL				1.50				0.30		0.60		0.30		0.30
Name of Micro Watershed	Patherigram													
Name of Village	Mahadevpur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Papaya)	Ha.	30000/Ha.	4	1.20					1	0.30	2	0.60	1	0.30
Crop Demo (Lemon)	Ha.	30000/Ha.	3	0.90			1	0.30	1	0.30	1	0.30		
Banana Cultivation	Ha.	30000/Ha.	2	0.60			1	0.30	1	0.30				
SUB TOTAL				2.70				0.60		0.90		0.90		0.30

Name of Micro Watershed	Patherigram													
Name of Village	Hatirhar Pt-I													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Papaya)	Ha.	30000/Ha.	2	0.60					1	0.30	1	0.30		
Crop Demo (Lemon)	Ha.	30000/Ha.	4	1.20			1	0.30	2	0.60	1	0.30		
Banana Cultivation	Ha.	30000/Ha.	5	1.50	1	0.30	1	0.30	1	0.30	1	0.30	1	0.30
SUB TOTAL				3.30		0.30		0.60		1.20		0.90		0.30
Name of Micro Watershed	Patherigram													
Name of Village	Srikona Pt-I													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Milch Cow	Nos.	50000/No.	6	3.00					4	2.00	2	1.00		
Crop Demo (Papaya)	Ha.	30000/Ha.	4	1.20			2	0.60	2	0.60				
Crop Demo (Lemon)	Ha.	30000/Ha.	7	2.10	1	0.30	2	0.60	2	0.60	2	0.60		
Banana Cultivation	Ha.	30000/Ha.	8	2.40	1	0.30	2	0.60	1	0.30	3	0.90	1	0.30
SUB TOTAL				8.70		0.60		1.80		3.50		2.50		0.30

Name of Micro Watershed	Patherigram													
Name of Village	Hatirhar Pt-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Papaya)	Ha.	30000/Ha.	1	0.30							1	0.30		
Crop Demo (Lemon)	Ha.	30000/Ha.	2	0.60					2	0.60				
Banana Cultivation	Ha.	30000/Ha.	3	0.90			1	0.30			2	0.60		
SUB TOTAL				1.80				0.30		0.60		0.90		
Name of Micro Watershed	Salchapra													
Name of Village	Sridharpur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Papaya)	Ha.	30000/Ha.	2	0.60					1	0.30	1	0.30		
Crop Demo (Lemon)	Ha.	30000/Ha.	5	1.50	1	0.30	1	0.30	1	0.30	1	0.30	1	0.30
Banana Cultivation	Ha.	30000/Ha.	4	1.20			1	0.30	2	0.60	1	0.30		
SUB TOTAL				3.30		0.30		0.60		1.20		0.90		0.30

Name of Micro Watershed	Salchapra													
Name of Village	Ghagrapar Pt-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Papaya)	Ha.	30000/Ha.	3	0.90			1	0.30	1	0.30	1	0.30		
Crop Demo (Lemon)	Ha.	30000/Ha.	4	1.20			1	0.30	1	0.30	1	0.30	1	0.30
Banana Cultivation	Ha.	30000/Ha.	4	1.20	1	0.30			2	0.60	1	0.30		
SUB TOTAL				3.30		0.30		0.60		1.20		0.90		0.30
Name of Micro Watershed	Salchapra													
Name of Village	Srikona Pt-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Milch Cow	Nos.	50000/No.	6	3.00					4	2.00	2	1.00		
Crop Demo (Papaya)	Ha.	30000/Ha.	4	1.20			2	0.60	1	0.30	1	0.30		
Crop Demo (Lemon)	Ha.	30000/Ha.	5	1.50			2	0.60	2	0.60	1	0.30		
Banana Cultivation	Ha.	30000/Ha.	9	2.70	2	0.60	2	0.60	1	0.30	2	0.60	2	0.60
SUB TOTAL				8.40		0.60		1.80		3.20		2.20		0.60

Name of Micro Watershed	Salchapra													
Name of Village	Salchapra Pt-I													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Milch Cow	Nos.	50000/No.	2	1.00					2	1.00				
Crop Demo (Papaya)	Ha.	30000/Ha.	3	0.90			1	0.30	1	0.30	1	0.30		
Crop Demo (Lemon)	Ha.	30000/Ha.	6	1.80	1	0.30	2	0.60	1	0.30	2	0.60		
Banana Cultivation	Ha.	30000/Ha.	2	0.60			1	0.30			1	0.30		
SUB TOTAL				4.30		0.30		1.20		1.60		1.20		
Name of Micro Watershed	Salchapra													
Name of Village	Salchapra Grant													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Papaya)	Ha.	30000/Ha.	2	0.60					1	0.30			1	0.30
Crop Demo (Lemon)	Ha.	30000/Ha.	2	0.60					1	0.30	1	0.30		
Banana Cultivation	Ha.	30000/Ha.	3	0.90			1	0.30	1	0.30	1	0.30		
SUB TOTAL				2.10				0.30		0.90		0.60		0.30

Name of Micro Watershed	Salchapra													
Name of Village	Srikona Pt-III													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Papaya)	Ha.	30000/Ha.	1	0.30					1	0.30				
Crop Demo (Lemon)	Ha.	30000/Ha.	4	1.20			1	0.30	1	0.30	2	0.60		
Banana Cultivation	Ha.	30000/Ha.	2	0.60	1	0.30			1	0.30				
SUB TOTAL				2.10		0.30		0.30		0.90		0.60		
Name of Micro Watershed	Salchapra													
Name of Village	Sripur Pt-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Milch Cow	Nos.	50000/No.	4	2.00					2	1.00	2	1.00		
Crop Demo (Papaya)	Ha.	30000/Ha.	6	1.80			2	0.60	2	0.60	2	0.60		
Crop Demo (Lemon)	Ha.	30000/Ha.	9	2.70			2.3555	0.70665	4	1.20	1.6445	0.49335	1	0.30
Banana Cultivation	Ha.	30000/Ha.	6	1.80	2.0875	0.6262	1.24	0.37195	0.857	0.2572	1	0.30	0.8155	0.24465
SUB TOTAL				8.30		0.6262		1.6786		3.0572		2.39335		0.54465

Name of Micro Watershed	Salchapra													
Name of Village	Salchapra Pt-III													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Crop Demo (Papaya)	Ha.	30000/Ha.	1	0.30					1	0.30				
Crop Demo (Lemon)	Ha.	30000/Ha.	2	0.60			1	0.30	1	0.30				
Banana Cultivation	Ha.	30000/Ha.	3	0.90			1	0.30	1	0.30	1	0.30		
SUB TOTAL				1.80				0.60		0.90		0.30		
Name of Micro Watershed	Salchapra													
Name of Village	Salchapra Pt-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Horticulture Nursery	Ha.	24650/Ha.	2	0.493							1	0.493		
Crop Demo (Lemon)	Ha.	30000/Ha.	3	0.90			1	0.30	1	0.30	1	0.30		
Banana Cultivation	Ha.	30000/Ha.	1	0.30					1	0.30				
SUB TOTAL				1.693				0.30		0.60		0.793		
GRAND TOTAL				112.893		7.5262		22.5786		45.1572		31.98635		5.64465

ANNEXURE-1 (C)
VILLAGE & MICRO-WATERSHED WISE BUDGETING FOR ASSET LESS PERSONS (15%)

Rs. in Lakh

Name of Micro Watershed	Krishnapur													
Name of Village	Ujangram													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	2	0.50			1	0.25					1	0.25
Goatery	Nos	30000/No.	5	1.50					4	1.20	1	0.30		
Poultry	Nos	25000/No.	4	1.00	1	0.25	1	0.25			2	0.50		
SUB TOTAL				3.00		0.25		0.50		1.20		0.80		0.25
Name of Micro Watershed	Krishnapur													
Name of Village	Bhairabnagar													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	3	0.75	1	0.25			2	0.50				
Goatery	Nos	30000/No.	6	1.80			2	0.60			3	0.90	1	0.30
Handloom	Nos	50000/No.	1	0.50					1	0.50				
Poultry	Nos	25000/No.	4	1.00					3	0.75	1	0.25		
SUB TOTAL				4.05		0.25		0.60		1.75		1.15		0.30
Name of Micro Watershed	Krishnapur													
Name of Village	Purandarpur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	3	0.75			1	0.25	1	0.25	1	0.25		
Goatery	Nos	30000/No.	5	1.50	1	0.30					3	0.90	1	0.30
Poultry	Nos	25000/No.	3	0.75			2	0.50			1	0.25		
SUB TOTAL				3.00		0.30		0.75		0.25		1.40		0.30

Name of Micro Watershed	Krishnapur													
Name of Village	Krishnapur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	7	1.75	1	0.25	2	0.50	1	0.25	3	0.75		
Goatery	Nos	30000/No.	6	1.80					3	0.90	2	0.60	1	0.30
Poultry	Nos	25000/No.	3	0.75			1	0.25	2	0.50				
SUB TOTAL				4.30		0.25		0.75		1.65		1.35		0.30
Name of Micro Watershed	Krishnapur													
Name of Village	Sarail													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	2	0.50	1	0.25					1	0.25		
Goatery	Nos	30000/No.	4	1.20			1	0.30	2	0.60			1	0.30
SUB TOTAL				1.70		0.25		0.30		0.60		0.25		0.30
Name of Micro Watershed	Krishnapur													
Name of Village	Peladahar													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	1	0.25									1	0.25
Goatery	Nos	30000/No.	10	3.00			1	0.30	7	2.10	2	0.60		
Poultry	Nos	25000/No.	2	0.50	1	0.25							1	0.25
SUB TOTAL				3.75		0.25		0.30		2.10		0.60		0.50

Name of Micro Watershed	Krishnapur													
Name of Village	Dubag													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	1	0.25			1	0.25						
Goatery	Nos	30000/No.	3	0.90					2	0.60	1	0.30		
SUB TOTAL				1.15				0.25		0.60		0.30		
Name of Micro Watershed	Krishnapur													
Name of Village	Raipur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	6	1.50			1	0.25	1	0.25	4	1.00		
Goatery	Nos	30000/No.	2	0.60					2	0.60				
Poultry	Nos	25000/No.	4	1.00	1	0.25			2	0.50			1	0.25
SUB TOTAL				3.10		0.25		0.25		1.35		1.00		0.25
Name of Micro Watershed	Niz Joynagar													
Name of Village	Niz Joynagar													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	4	1.00			2	0.50	2	0.50				
Goatery	Nos	30000/No.	10	3.00			1	0.30	3	0.90	5	1.50	1	0.30
Poultry	Nos	25000/No.	3	0.75			1	0.25	2	0.50				
SUB TOTAL				4.75				1.05		1.90		1.50		0.30

Name of Micro Watershed	Niz Joynagar													
Name of Village	Kumarpara													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	7	1.75			2	0.50	2	0.50	2	0.50	1	0.25
Goatery	Nos	30000/No.	8	2.40			1	0.30	5	1.50	2	0.60		
Poultry	Nos	25000/No.	5	1.25			2	0.50	1	0.25	2	0.50		
SUB TOTAL				5.40				1.30		2.25		1.60		0.25
Name of Micro Watershed	Niz Joynagar													
Name of Village	Balighat													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	2	0.50			1	0.25			1	0.25		
Goatery	Nos	30000/No.	2	0.60					2	0.60				
Poultry	Nos	25000/No.	3	0.75	1	0.25					1	0.25	1	0.25
SUB TOTAL				1.85		0.25		0.25		0.60		0.50		0.25
Name of Micro Watershed	Niz Joynagar													
Name of Village	Rakhal Khalerpar Pt-I													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	3	0.75	1	0.25							2	0.50
Goatery	Nos	30000/No.	2	0.60			1	0.30	1	0.30				
Poultry	Nos	25000/No.	2	0.50	1	0.25							1	0.25
SUB TOTAL				1.85		0.50		0.30		0.30				0.75

Name of Micro Watershed	Niz Joynagar													
Name of Village	Rakhal Khalerpar Pt-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	5	1.25			3	0.75	2	0.50				
Goatery	Nos	30000/No.	8	2.40	1	0.30			2	0.60	4	1.20	1	0.30
Poultry	Nos	25000/No.	3	0.75					3	0.75				
SUB TOTAL				4.40		0.30		0.75		1.85		1.20		0.30
Name of Micro Watershed	Patherigram													
Name of Village	Manikpur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	9	2.25	1	0.25	1	0.25	2	0.50	4	1.00	1	0.25
Goatery	Nos	30000/No.	12	3.60	1	0.30	1	0.30	6	1.80	4	1.20		
Poultry	Nos	25000/No.	9	2.25			4	1.00	2	0.50	3	0.75		
SUB TOTAL				8.10		0.55		1.55		2.80		2.95		0.25
Name of Micro Watershed	Patherigram													
Name of Village	Nischintapur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	6	1.50			3	0.75	3	0.75				
Goatery	Nos	30000/No.	8	2.40					5	1.50	3	0.90		
Poultry	Nos	25000/No.	8	2.00	1	0.25			3	0.75	3	0.75	1	0.25
SUB TOTAL				5.90		0.25		0.75		3.00		1.65		0.25

Name of Micro Watershed	Patherigram													
Name of Village	Algapur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	5	1.25	1	0.25			1	0.25	2	0.50	1	0.25
Goatery	Nos	30000/No.	3	0.90			1	0.30	2	0.60				
Handloom	Nos	50000/No.	1	0.50					1	0.50				
SUB TOTAL				2.65		0.25		0.30		1.35		0.50		0.25
Name of Micro Watershed	Patherigram													
Name of Village	Patherigram													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	2	0.50					2	0.50				
Goatery	Nos	30000/No.	2	0.60			1	0.30			1	0.30		
Poultry	Nos	25000/No.	2	0.50					1	0.25	1	0.25		
SUB TOTAL				1.60				0.30		0.75		0.55		
Name of Micro Watershed	Patherigram													
Name of Village	Mahadevpur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	3	0.75					2	0.50	1	0.25		
Goatery	Nos	30000/No.	3	0.90			1	0.30			2	0.60		
Poultry	Nos	25000/No.	3	0.75	1	0.25			2	0.50				
SUB TOTAL				2.40		0.25		0.30		1.00		0.85		

Name of Micro Watershed	Patherigram													
Name of Village	Hatirhar Pt-I													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	4	1.00	1	0.25	1	0.25			2	0.50		
Goatery	Nos	30000/No.	6	1.80			1	0.30	4	1.20	1	0.30		
Poultry	Nos	25000/No.	2	0.50							2	0.50		
SUB TOTAL				3.30		0.25		0.55		1.20		1.30		
Name of Micro Watershed	Patherigram													
Name of Village	Srikona Pt-I													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	9	2.25			3	0.75	4	1.00	2	0.50		
Goatery	Nos	30000/No.	15	4.50	2	0.60			5	1.50	6	1.80	2	0.60
Poultry	Nos	25000/No.	9	2.25			3	0.75	4	1.00	2	0.50		
SUB TOTAL				9.00		0.60		1.50		3.50		2.80		0.60
Name of Micro Watershed	Patherigram													
Name of Village	Hatirhar Pt-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	2	0.50							2	0.50		
Goatery	Nos	30000/No.	1	0.30					1	0.30				
Poultry	Nos	25000/No.	3	0.75			1	0.25	1	0.25	1	0.25		
Fish Pond Development	Nos	36550/No.	1	0.3655			1	0.3655						
SUB TOTAL				1.9155				0.6155		0.55		0.75		

Name of Micro Watershed	Salchapra													
Name of Village	Sridharpur													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	3	0.75			2	0.50	1	0.25				
Goatery	Nos	30000/No.	4	1.20					2	0.60	2	0.60		
Poultry	Nos	25000/No.	4	1.00	1	0.25			1	0.25	1	0.25	1	0.25
SUB TOTAL				2.95		0.25		0.50		1.10		0.85		0.25
Name of Micro Watershed	Salchapra													
Name of Village	Ghagrapar Pt-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	5	1.25			1	0.25	1	0.25	3	0.75		
Goatery	Nos	30000/No.	3	0.90					3	0.90				
Poultry	Nos	25000/No.	5	1.25	1	0.25	1	0.25			2	0.50	1	0.25
SUB TOTAL				3.40		0.25		0.50		1.15		1.25		0.25
Name of Micro Watershed	Salchapra													
Name of Village	Srikona Pt-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	7	1.75	2	0.50			3	0.75	2	0.50		
Goatery	Nos	30000/No.	15	4.50			3	0.90	5	1.50	5	1.50	2	0.60
Poultry	Nos	25000/No.	8	2.00			2	0.50	4	1.00	2	0.50		
Bamboo Craft	Nos	25720/No.	1	0.2572					1	0.2572				
SUB TOTAL				8.5072		0.50		1.40		3.5072		2.50		0.60

Name of Micro Watershed	Salchapra													
Name of Village	Salchapra Pt-I													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	4	1.00			3	0.75			1	0.25		
Goatery	Nos	30000/No.	8	2.40			1	0.30	6	1.80	1	0.30		
Poultry	Nos	25000/No.	3	0.75							3	0.75		
Fishing Equipment	Nos	27620/No.	1	0.2762									1	0.2762
SUB TOTAL				4.4262				1.05		1.80		1.30		0.2762
Name of Micro Watershed	Salchapra													
Name of Village	Salchapra Grant													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	3	0.75					2	0.50	1	0.25		
Goatery	Nos	30000/No.	2	0.60					1	0.30	1	0.30		
Poultry	Nos	25000/No.	1	0.25					1	0.25				
Fishing Equipment	Nos	27620/No.	1	0.2762	1	0.2762								
SUB TOTAL				1.8762		0.2762				1.05		0.55		
Name of Micro Watershed	Salchapra													
Name of Village	Srikona Pt-III													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	4	1.00	1	0.25			2	0.50	1	0.25		
Goatery	Nos	30000/No.	1	0.30					1	0.30				
Poultry	Nos	25000/No.	3	0.75			1	0.25			1	0.25	1	0.25
SUB TOTAL				2.05		0.25		0.25		0.80		0.50		0.25

Name of Micro Watershed	Salchapra													
Name of Village	Sripur Pt-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	11	2.75	1	0.25	2	0.50	4	1.00	4	1.00		
Goatery	Nos	30000/No.	10	3.00			2	0.60	4	1.20	4	1.20		
Poultry	Nos	25000/No.	10	2.50	1	0.25	1	0.25	4	1.00	2	0.50	2	0.50
SUB TOTAL				8.25		0.50		1.35		3.20		2.70		0.50
Name of Micro Watershed	Salchapra													
Name of Village	Salchapra Pt-III													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	2	0.50	1	0.25					1	0.25		
Goatery	Nos	30000/No.	3	0.90			1	0.30	2	0.60				
Poultry	Nos	25000/No.	2	0.50							2	0.50		
SUB TOTAL				1.90		0.25		0.30		0.60		0.75		
Name of Micro Watershed	Salchapra													
Name of Village	Salchapra Pt-II													
Name of Intervention	Unit	Rate (in INR)	TOTAL		1st Year		2nd Year		3rd Year		4th Year		5th Year	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Duckery	Nos	25000/No.	3	0.75			1	0.25	1	0.25	1	0.25		
Goatery	Nos	30000/No.	3	0.90					3	0.90				
Poultry	Nos	25000/No.	2	0.50	1	0.25			1	0.25				
Carpentry	Nos	21790/No.	1	0.2179							1	0.2179		
SUB TOTAL				2.3679		0.25		0.25		1.40		0.4679		
GRAND TOTAL				112.893		7.5262		18.8155		45.1572		33.8679		7.5262

Table No. 7.2 Estimated Benefit Cost Ratio

Sl. No.	Name of the activity	Total Cost (Rs. in Lakh)	Total Benefit expected (Rs. in Lakh)	BCR	Remarks
	EPA	15.0524	16.55764	1.1	
	NRM	353.7314	519.98516	1.47	
	PE	112.893	180.6288	1.6	
	Livelihood for Asset less	112.893	191.9181	1.7	
	Institution and Capacity building	22.5786	24.83646	1.1	
	Overall	617.1484	933.92616	1.51	

Chapter 8

Consolidation and completion of various works

Table No. 8.1: Consolidation of Action Plan

(Financial figures in Lakh)

Sl. No.	Component	Phase-I Preparatory		Phase-II Implementation						Phase-III Consolidation		Total
		1 st Year		2 nd Year		3 rd Year		4 th Year		5 th Year		
		Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	
1	Entry Point Activities (2%)	2%	15.0524	--	--	--	--	--	--	--	--	15.0524
2	DPR Preparation by PIA (1%)	1%	7.5262	--	--	--	--	--	--	--	--	7.5262
3	Institution & Capacity Building (3%)	1.5%	11.2893	0.5%	3.7631	0.5%	3.7631	0.25%	1.88155	0.25%	1.88155	22.5786
4	Productivity Enhancement (15%)	1%	7.5262	3%	22.5786	6%	45.1572	4.25%	31.98635	0.75%	5.64465	112.893
5	Livelihood for Assetless (15%)	1%	7.5262	2.5%	18.8155	6%	45.1572	4.5%	33.8679	1%	7.5262	112.893
6	Natural Resource Management (47%)	16%	120.4192	16%	120.4192	9.5%	71.4989	3%	22.5786	2.5%	18.8155	353.7314
7	Natural Resource Management Governance (2%)	0.5%	3.7631	0.5%	3.7631	0.5%	3.7631	0.5%	3.7631	--	--	15.0524
8	Monitoring (1%)	--	--	0.25%	1.88155	0.25%	1.88155	0.25%	1.88155	0.25%	1.88155	7.5262
9	Evaluation (1%)	--	--	0.25%	1.88155	0.25%	1.88155	0.25%	1.88155	0.25%	1.88155	7.5262
10	Consolidation Phase (3%)	--	--	--	--	--	--	--	--	3%	22.5786	22.5786
11	Administration (10%)	2%	15.0524	2%	15.0524	2%	15.0524	2%	15.0524	2%	15.0524	75.262
	Total	25%	188.155	25%	188.155	25%	188.155	15%	112.893	10%	75.262	752.62

HEAD WISE BREAKDOWN OF BUDGET FOR 5 YEARS UNDER WDC-PMKSY 2.0

(Financial figures in Lakh)

Major Head	Sub Head	% of Budget	Allocation by Year					Total
			Phase -I: Preparatory	Phase- II: Work			Phase- III: Consolidation	
			1st Year	2nd Year	3rd Year	4th Year	5th Year	
Administrative	Management Cost	10	15.0524	15.0524	15.0524	15.0524	15.0524	75.262
	Monitoring	1	0	1.88155	1.88155	1.88155	1.88155	7.5262
	Evaluation	1	0	1.88155	1.88155	1.88155	1.88155	7.5262
Preparatory Phase	Entry Point Activity	2	15.0524	0	0	0	0	15.0524
	DPR	1	7.5262	0	0	0	0	7.5262
	Institution & CB	3	11.2893	3.7631	3.7631	1.88155	1.88155	22.5786
Work Phase	Watershed Development works	47	120.4192	120.4192	71.4989	22.5786	18.8155	353.7314
	Natural Resource Management & Governance	2	3.7631	3.7631	3.7631	3.7631	0	15.0524
	Livelihood activities (Asset less)	15	7.5262	18.8155	45.1572	33.8679	7.5262	112.893
	Production System & Micro Enterprise	15	7.5262	22.5786	45.1572	31.98635	5.64465	112.893
Consolidation & Withdrawal Phase		3	0	0	0	0	22.5786	22.5786
	TOTAL	100	188.155	188.155	188.155	112.893	75.262	752.62

CHAPTER – 9
EXPECTED OUTCOMES

9.1 Describe in detail the “Expected Outcomes”

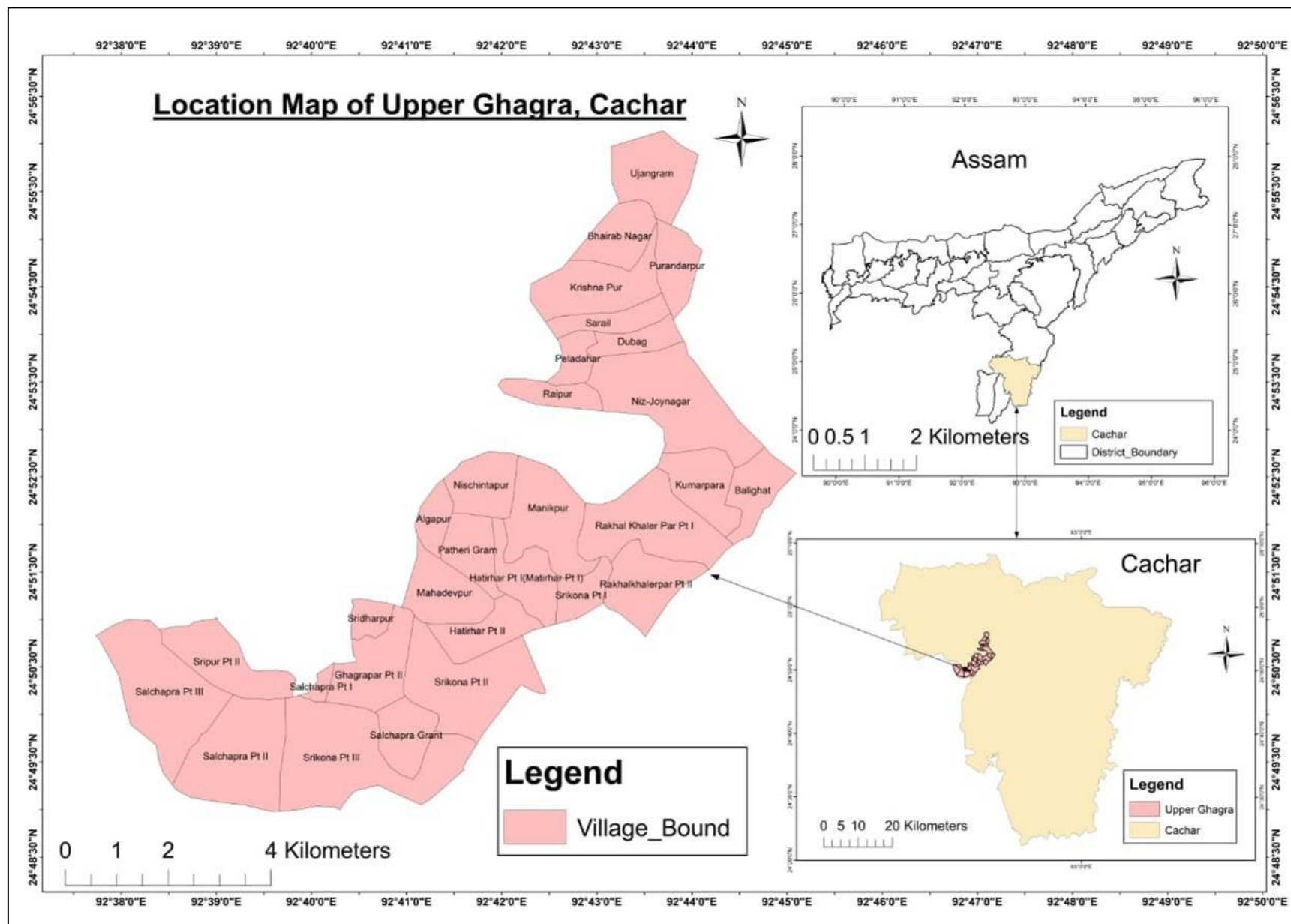
Table No. 9.2: Summarize in the table given below (Quantifiable indicators)

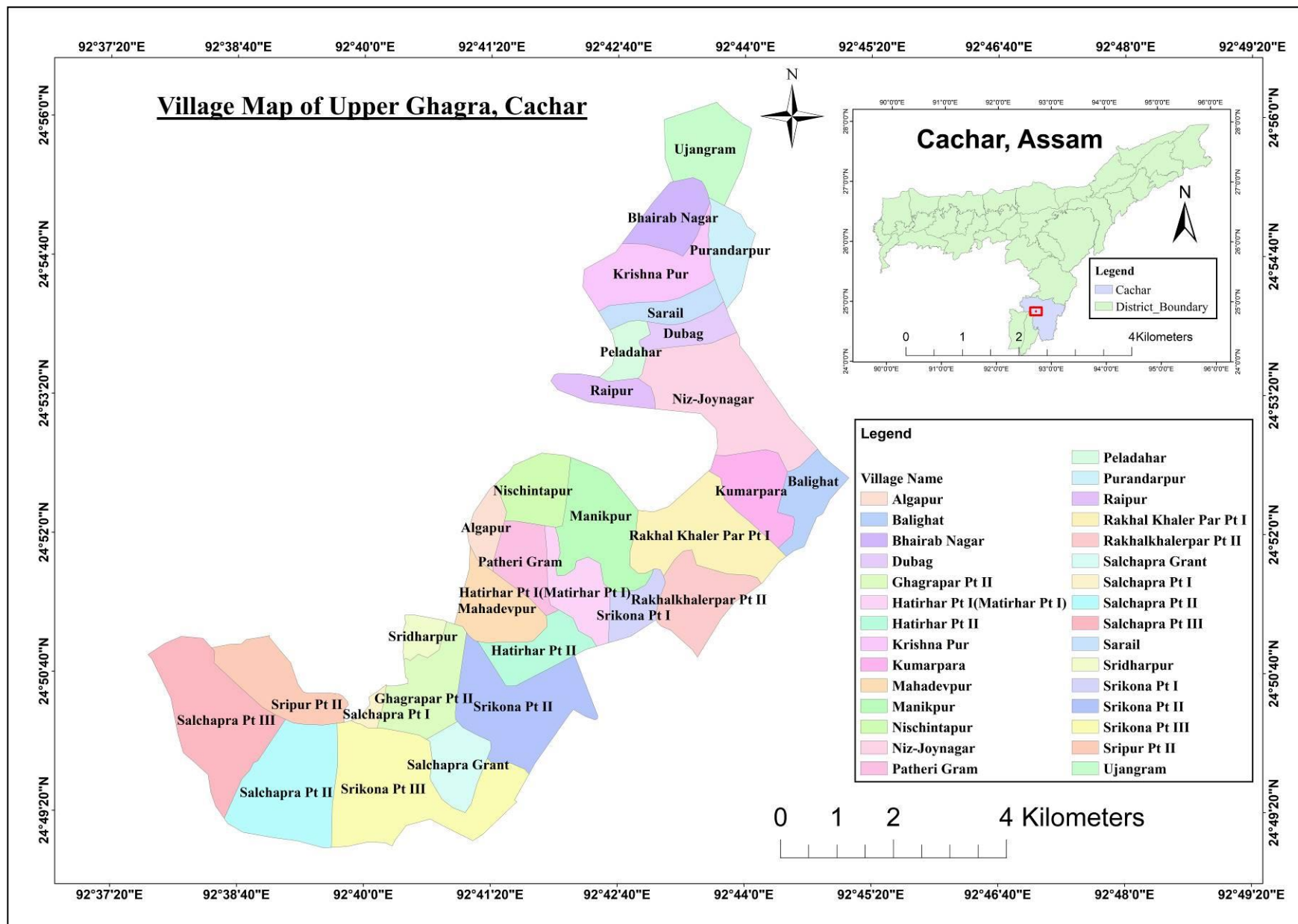
1	2		3	4	5	6
S. No.	Item		Unit of measurement	Pre-project Status	Expected Post-project Status	Remarks
1	Status of water table (Depth to Ground water level)		Metre	4.24	3.95	
2	Ground water structures repaired/ rejuvenated		No.	NA	NA	
3	Quality of drinking water		Description	Iron	Potable	
4	Availability of drinking water		Description	38560	54380	
5	Increase in irrigation potential		Ha.	87	483	
6	Change in cropping/ land use pattern		Description	Double Cropping	Multiple Cropping	
7	Area under agricultural crop		Ha.			
	I	Area under Single Crop	Ha.	3224	3415	
	II	Area under Double Crop	Ha.	289	621	
	III	Area under Multiple Crop	Ha.	0	30	
8	Net increase in crop production area		Ha.	3513	4066	
9	Increase in area under Vegetation/Forest		Ha.	26	39	
10	Increase in area under horticulture		Ha.	34	47	
11	Increase in area under fuel		Ha.	0	0	
12	Increase in area under Fodder		Ha.	0	0	
13	Increase in milk production		Litre / day	120	235	
14	Environmental Impact Change in Soil Loss		Ton./Ha./Yr	16	12.5	
	Perenniality of flow and change in Run-off		Mm/Yr	1940	1765	
	Recharge of ground water		Metre	4.24	3.95	

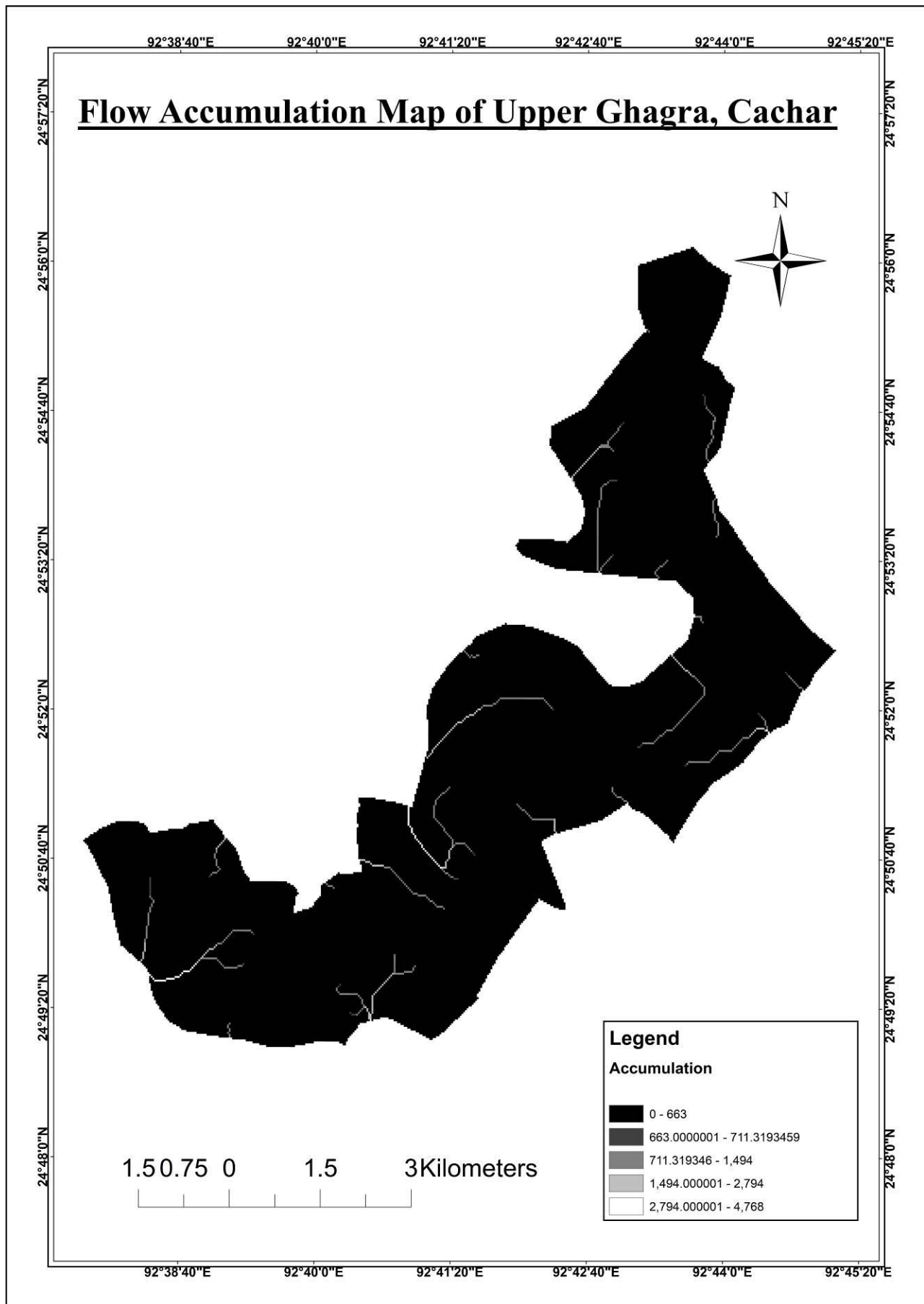
15	No. of SHGs Promoted	No.	78	296	
16	Increase in no. of livelihoods	No.	534	955	
17	Increase in income	Rs.	35000	125000	
18	Status of Migration	No.	733	245	
19	SHG Federations formed	No.	4	10	
20	Credit linkage with banks	Rs. in Lakh	0	20.00	
21	Resource use agreements		Nil	Agreement will be done with User Groups after implementation of the scheme	
22	WDF collection & management	Rs. in Lakh	Nil	46.66	
23	Summary of lessons learnt	Description	Poor	Markable	

Table No.9.3: Backward and Forward Linkages

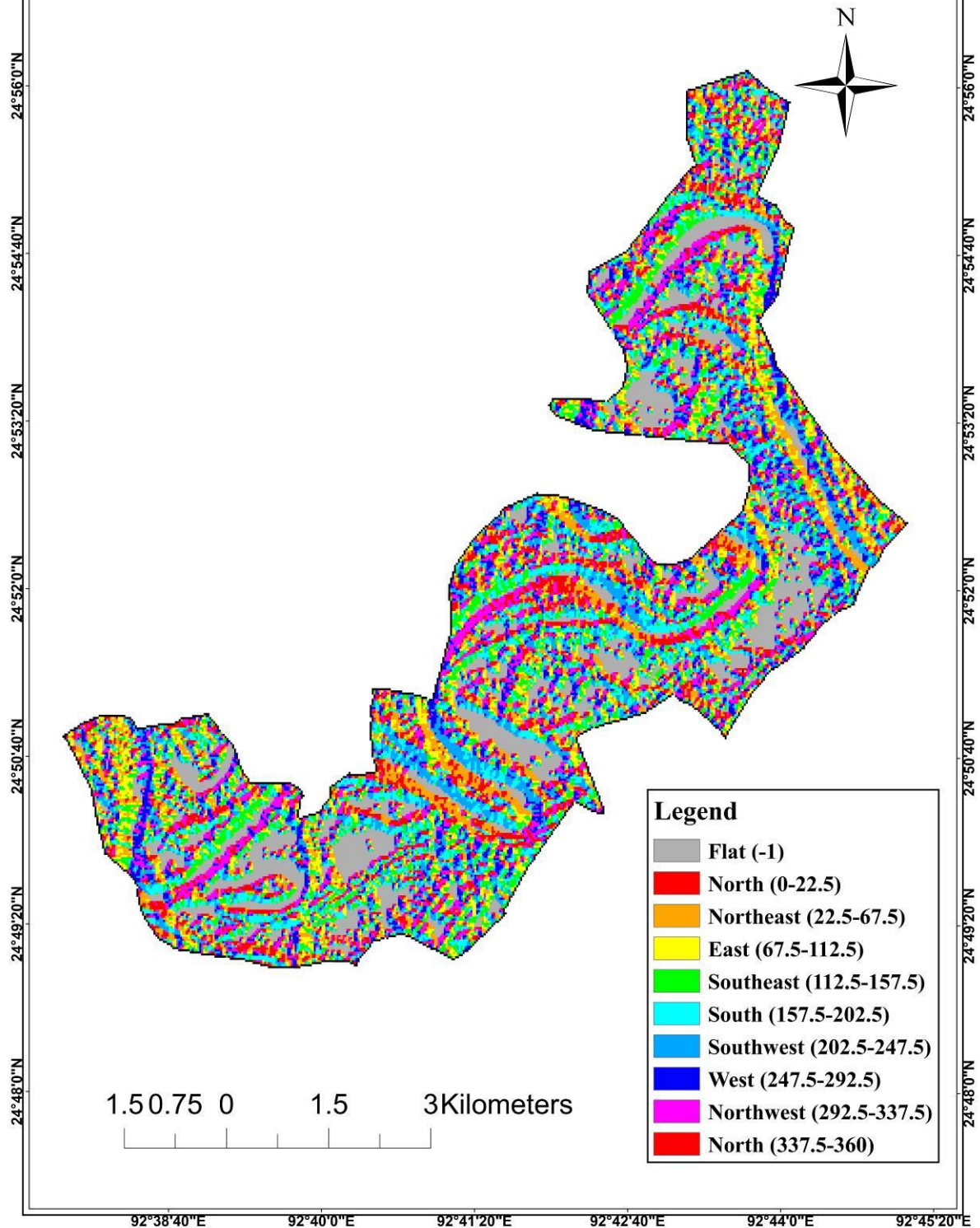
5		6	7
Type of Marketing Facility	Name of the institution	Pre-project (no.)	Expected post project status
A) Backward Linkage			
i) Seed certification	District Agriculture Office, Krishi Vigyan Kendra, Arunachal	2 Nos.	4 Nos.
ii) Seed Supply System	Local seed supplier	4 Nos.	Direct Procure from certified/ registered agencies by the Govt.
iii) Fertilizer supply System	Co-operative & Local Fertilizer Dealer	4 Nos.	Buying from certified fertilizer dealer by Govt.
iv) Pesticide supply system	Local Pesticide Dealer	4 Nos.	Buying from certified pesticide dealer by Govt.
v) Credit institutions	State Bank of India, Punjab National Bank, Assam Gramin Vikash Bank	3 Nos.	Expected more bank linkage with SHGs (5 Nos.)
vi) Extension Services	Agriculture, Veterinary, Fishery, Handloom & Textiles	4 Nos.	Expected more extension services in village level
vii) Nurseries	Social Forestry, Agriculture	2 Nos.	3 Nos.
viii) Tools / machinery suppliers	Agriculture implements shop in Salchapra	1 No.	Expected more machinery suppliers
ix) Price Support System	Food & Civil Supply, Agriculture Deptt.	2 Nos.	Expected rise in the price of locally produce agricultural products
x) Labour	Labour Department	Nil	Expected more skilled labour
B) Forward Linkage			
i) Harvest/threshing machinery	Assam State Agro. Industry, Agriculture Engineering	Nil	Expected to be used
ii) Storage (including cold storage)	Private Cold Storage	1 No.	Expected more cold storage
iii) Road Network	PWD, DRDA	Nil	Expected developed road network
iv) Transport facilities	Assam State Transport Corporation & Private Transport	5 Nos.	Expected more transport facilities
v) Markets / Mandis	Weekly & Daily Market	8 Nos.	Expected more markets (12 Nos.)
vi) Agro & other industries	Small Scale Industries	Nil	Expected to grow industries like Bamboo Craft, Food Processing Unit etc.
vii) Milk & other collection centres	Dairy Deptt.	Nil	Expected 1 No. of Milk Centre
viii) Any Other (please specify)	--	--	--



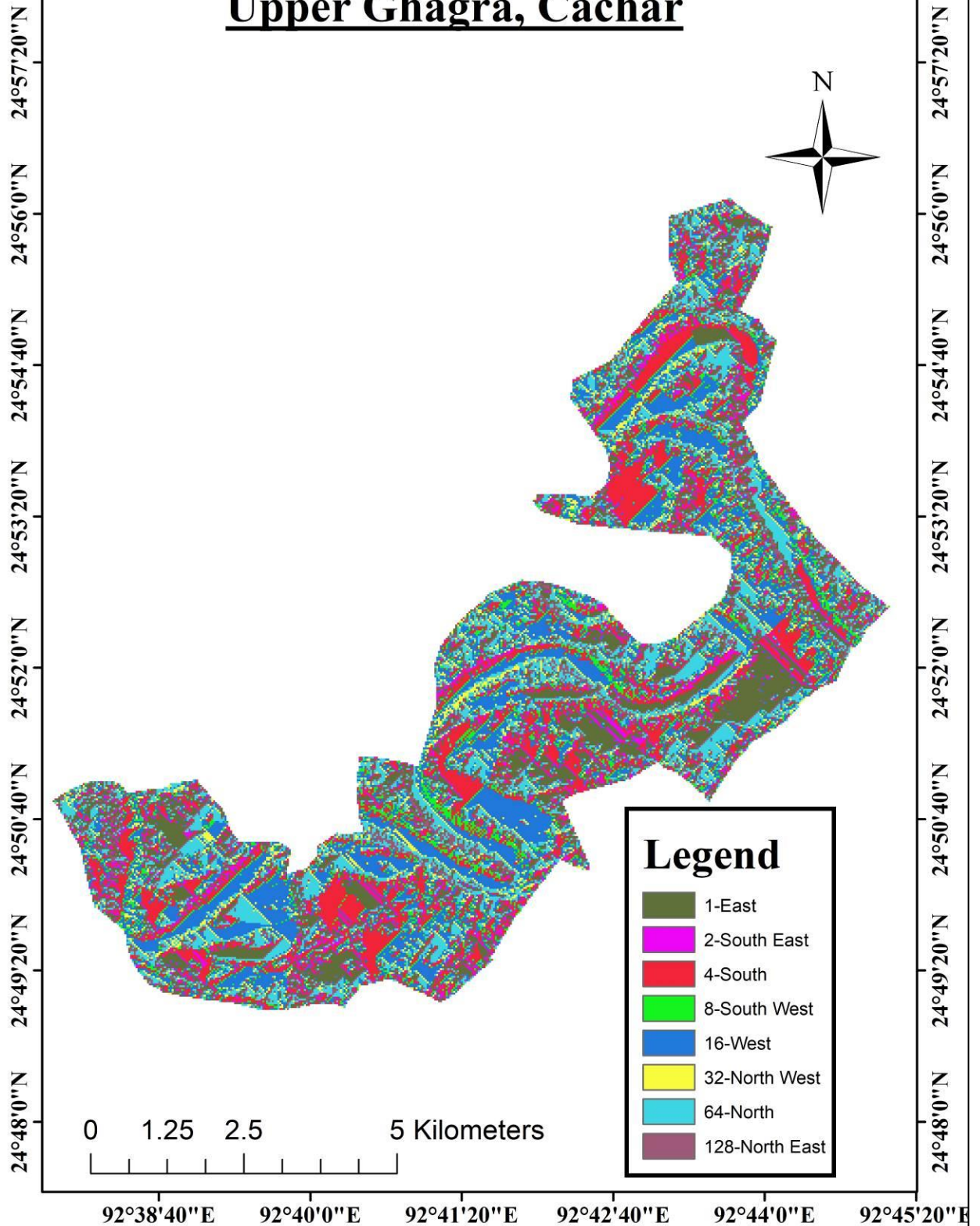




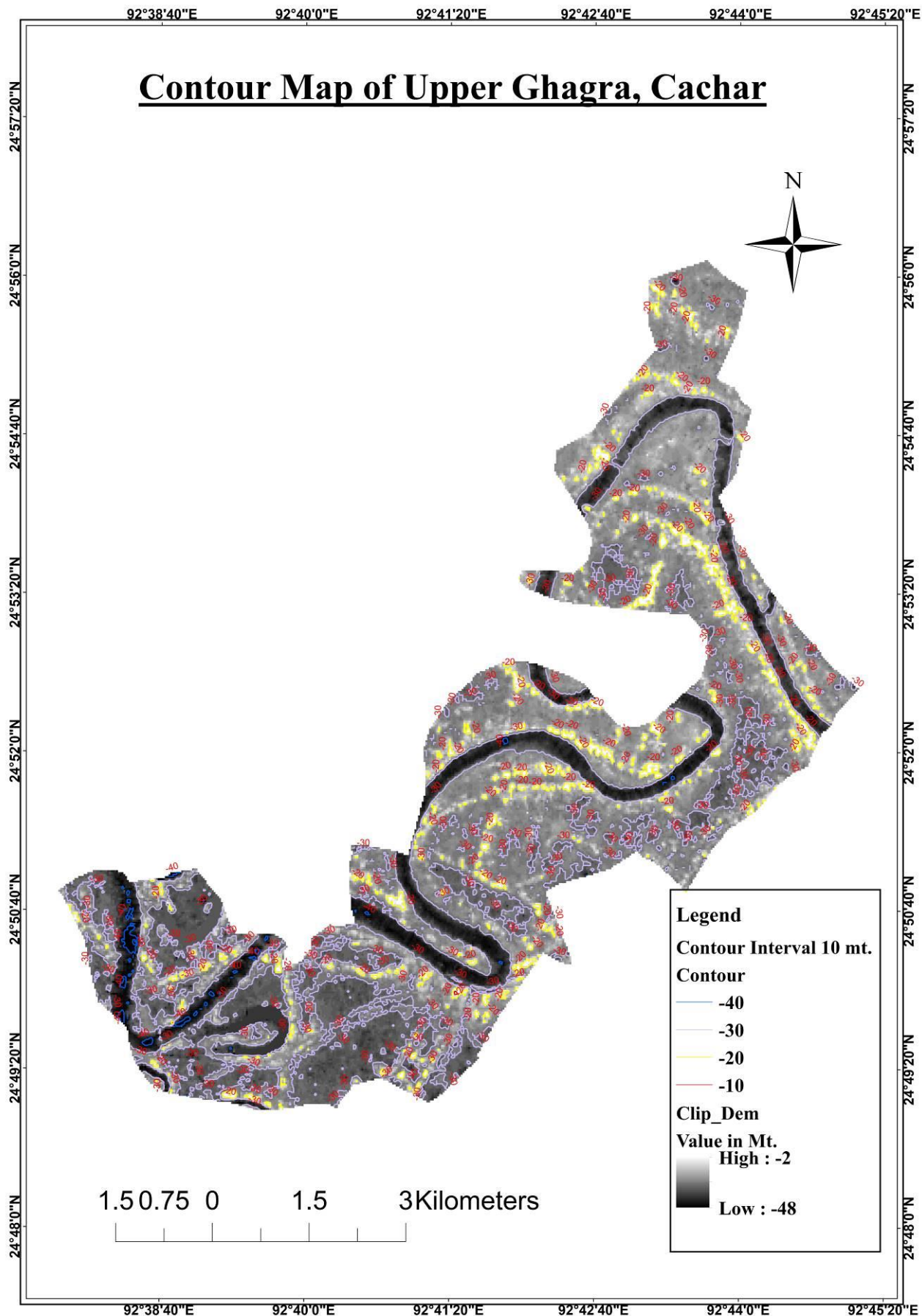
Aspect Map of Upper Ghagra, Cachar



Flow Direction Map of Upper Ghagra, Cachar



Contour Map of Upper Ghagra, Cachar



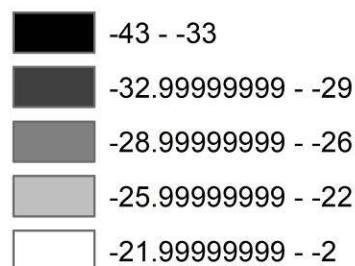
Digital Elevation Model (DEM) Data of Upper Ghagra , Cachar



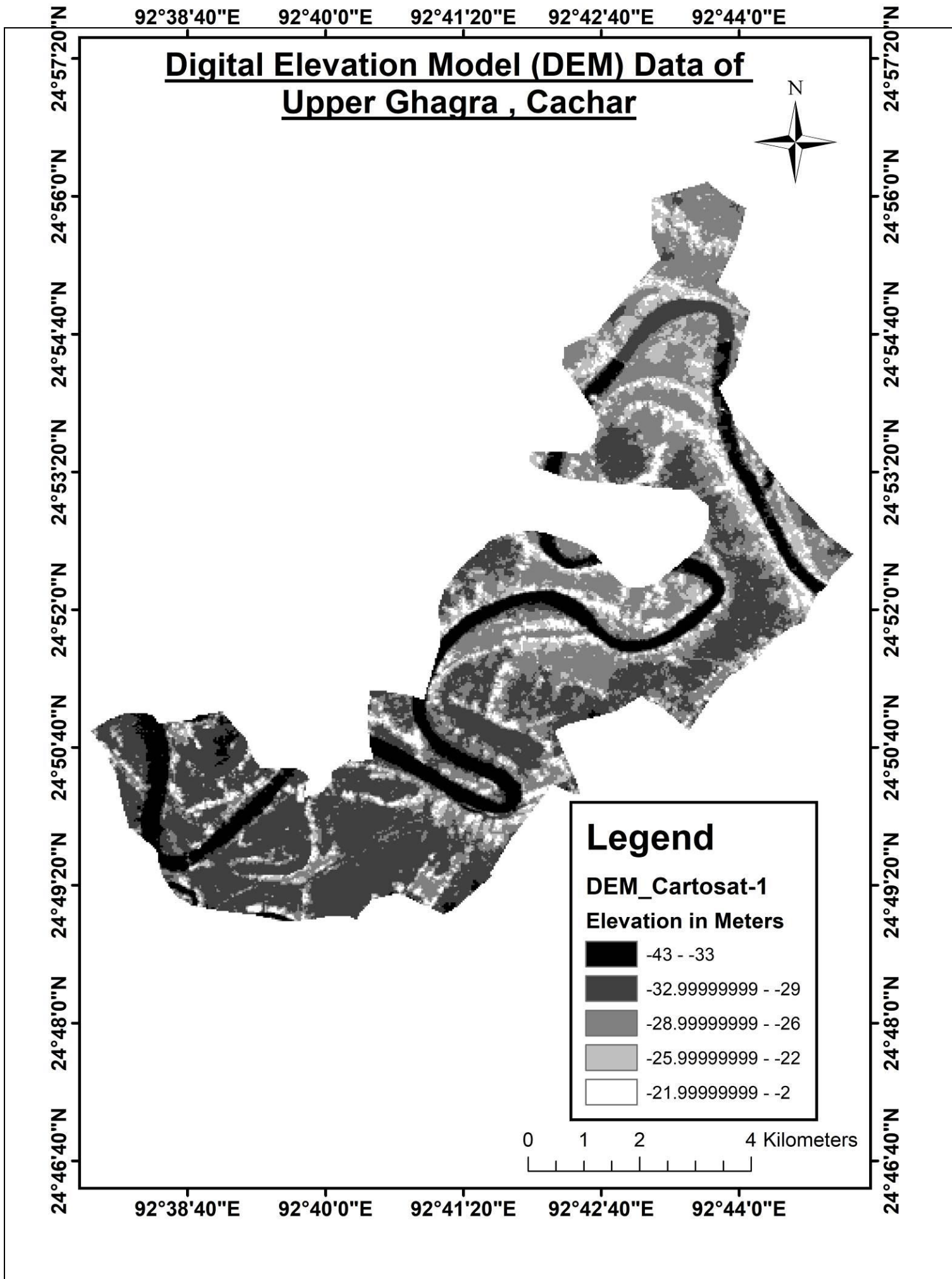
Legend

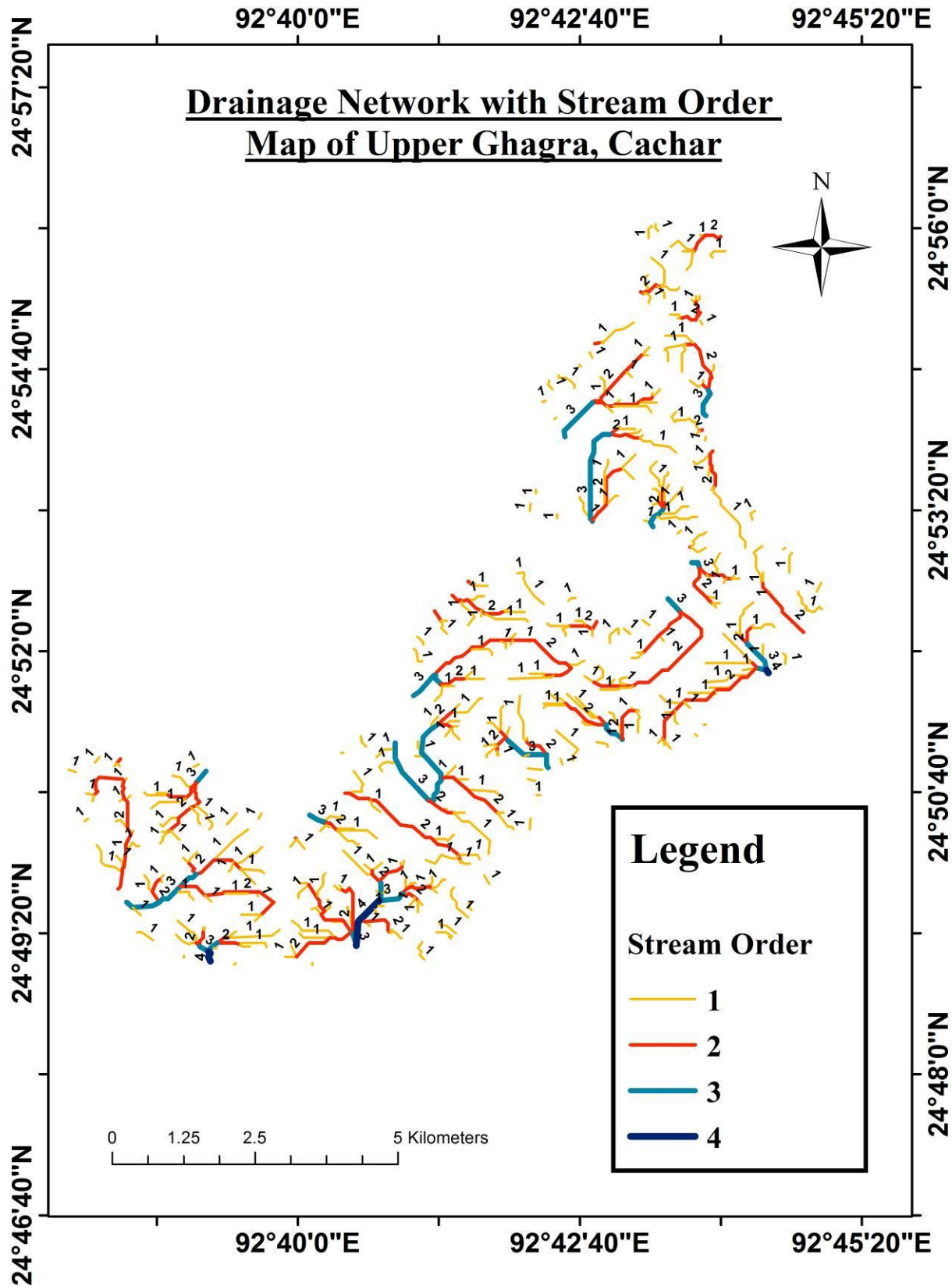
DEM_Cartosat-1

Elevation in Meters

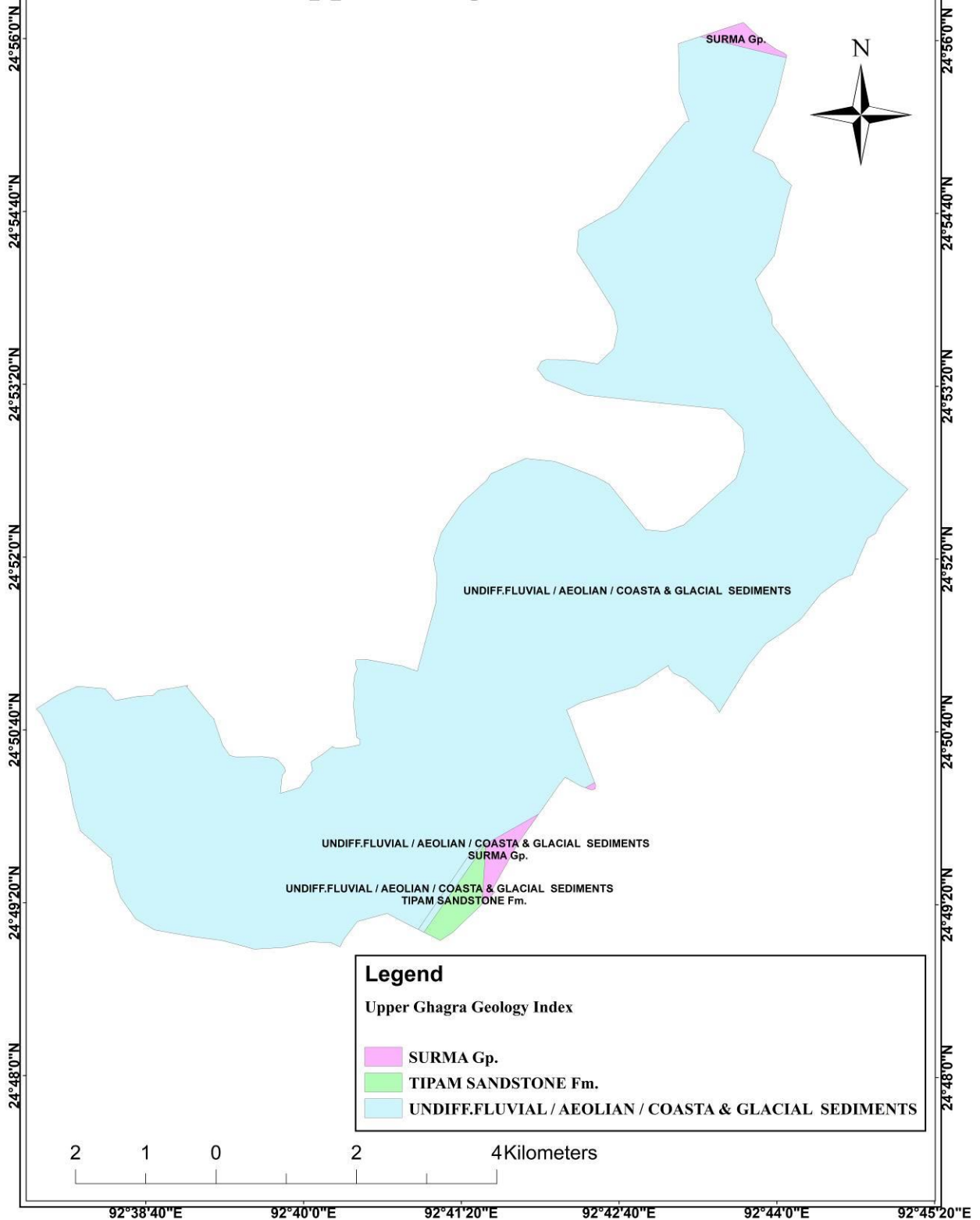


0 1 2 4 Kilometers



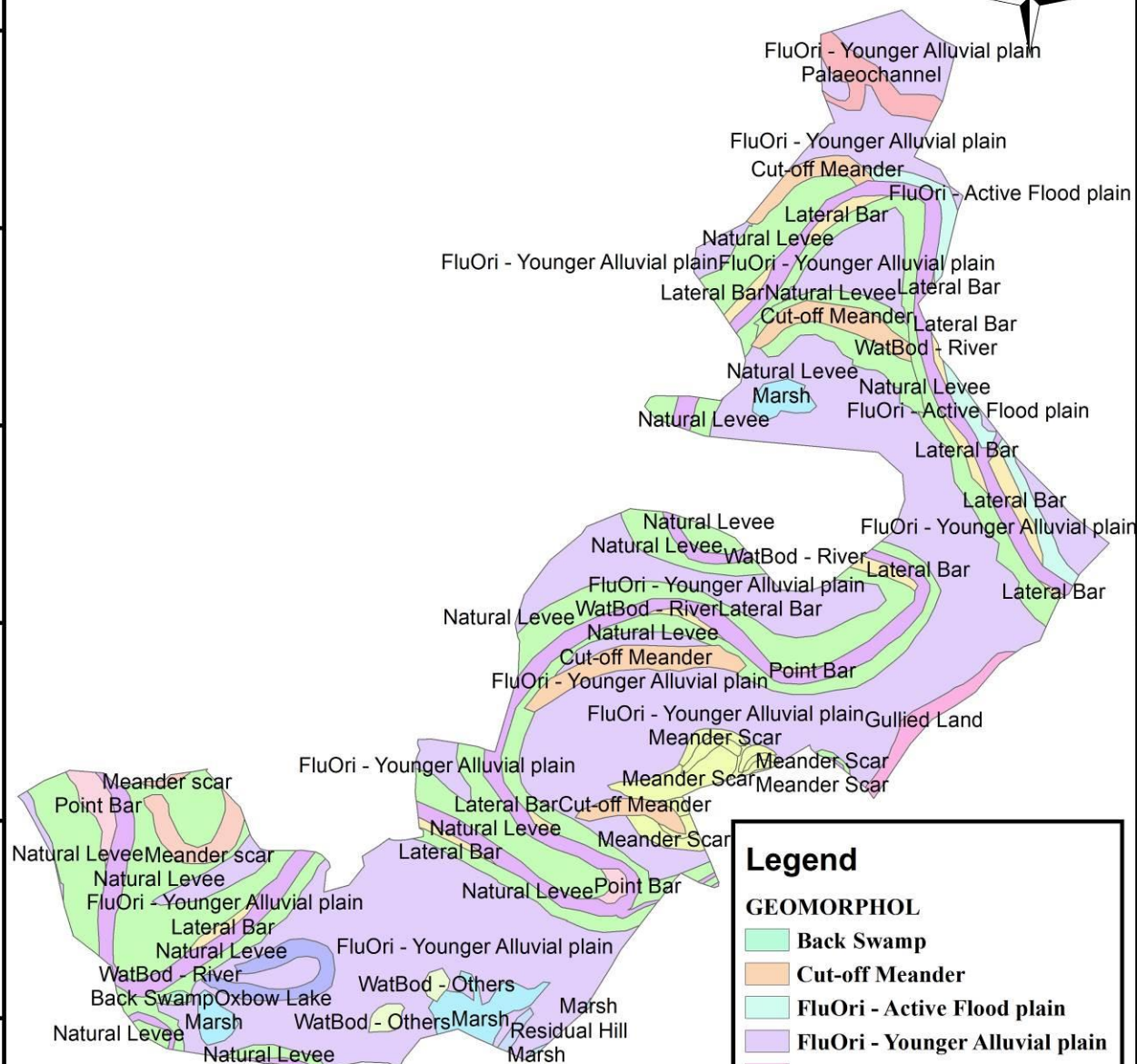


Geological Map of Upper Ghagra, Cachar



92°38'40"E 92°40'0"E 92°41'20"E 92°42'40"E 92°44'0"E

Geomorphology Landform Map of Upper Ghagra , Cachar



Legend

GEOMORPHOL

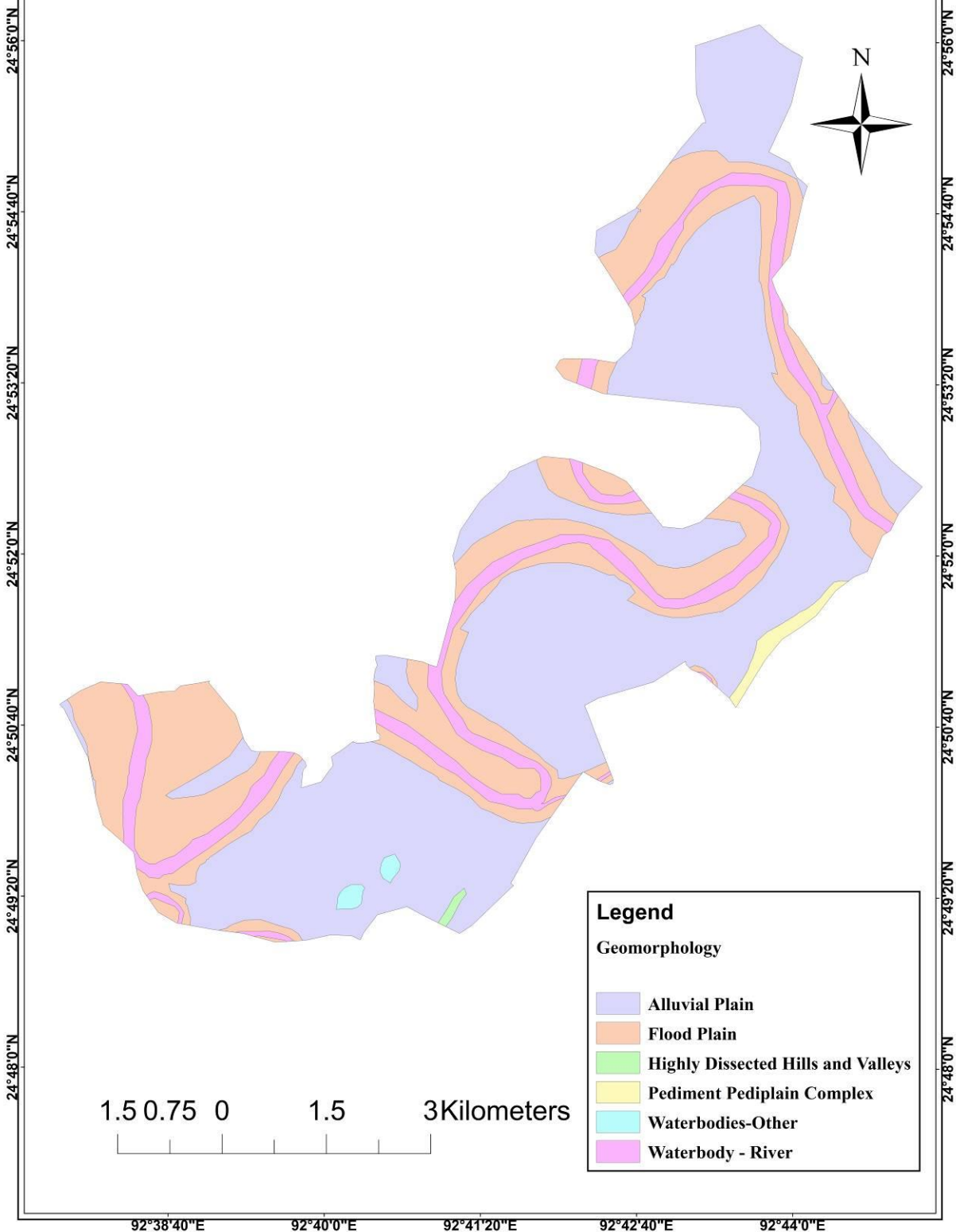
- Back Swamp
- Cut-off Meander
- FluOri - Active Flood plain
- FluOri - Younger Alluvial plain
- Gullied Land
- Lateral Bar
- Marsh
- Meander Scar
- Meander scarp
- Natural Levee
- Oxbow Lake
- Palaeochannel
- Point Bar
- Residual Hill
- WatBod - Others
- WatBod - River

0 1 2 4 Kilometers

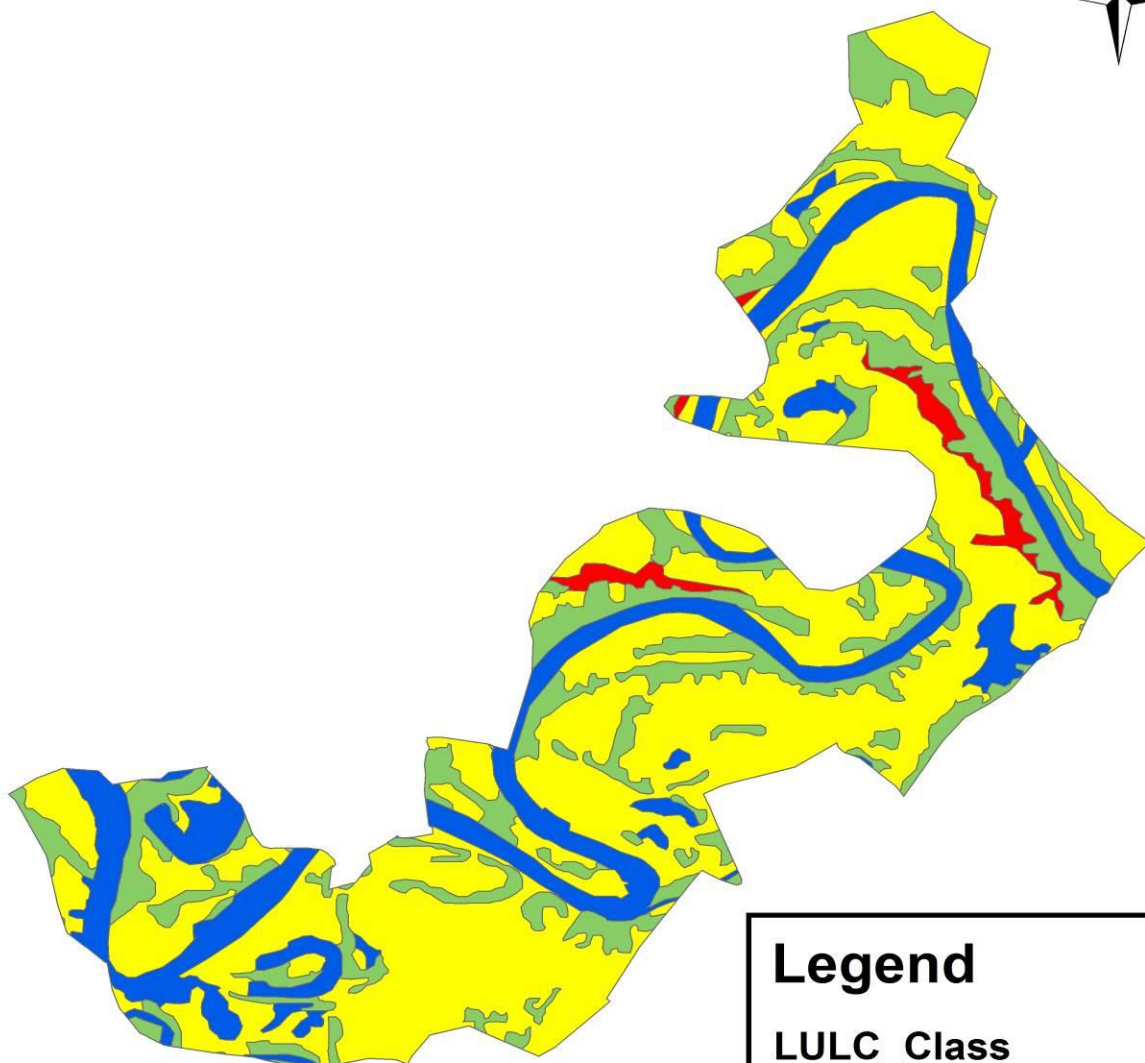
92°38'40"E 92°40'0"E 92°41'20"E 92°42'40"E 92°44'0"E

24°56'0"N 24°54'40"N 24°53'20"N 24°52'0"N 24°50'40"N 24°49'20"N 24°48'0"N 24°46'40"N

Geomorphological Map of Upper Ghagra, Cachar



Land Use Land Cover (LULC)
Map of Upper Ghagra, Cachar

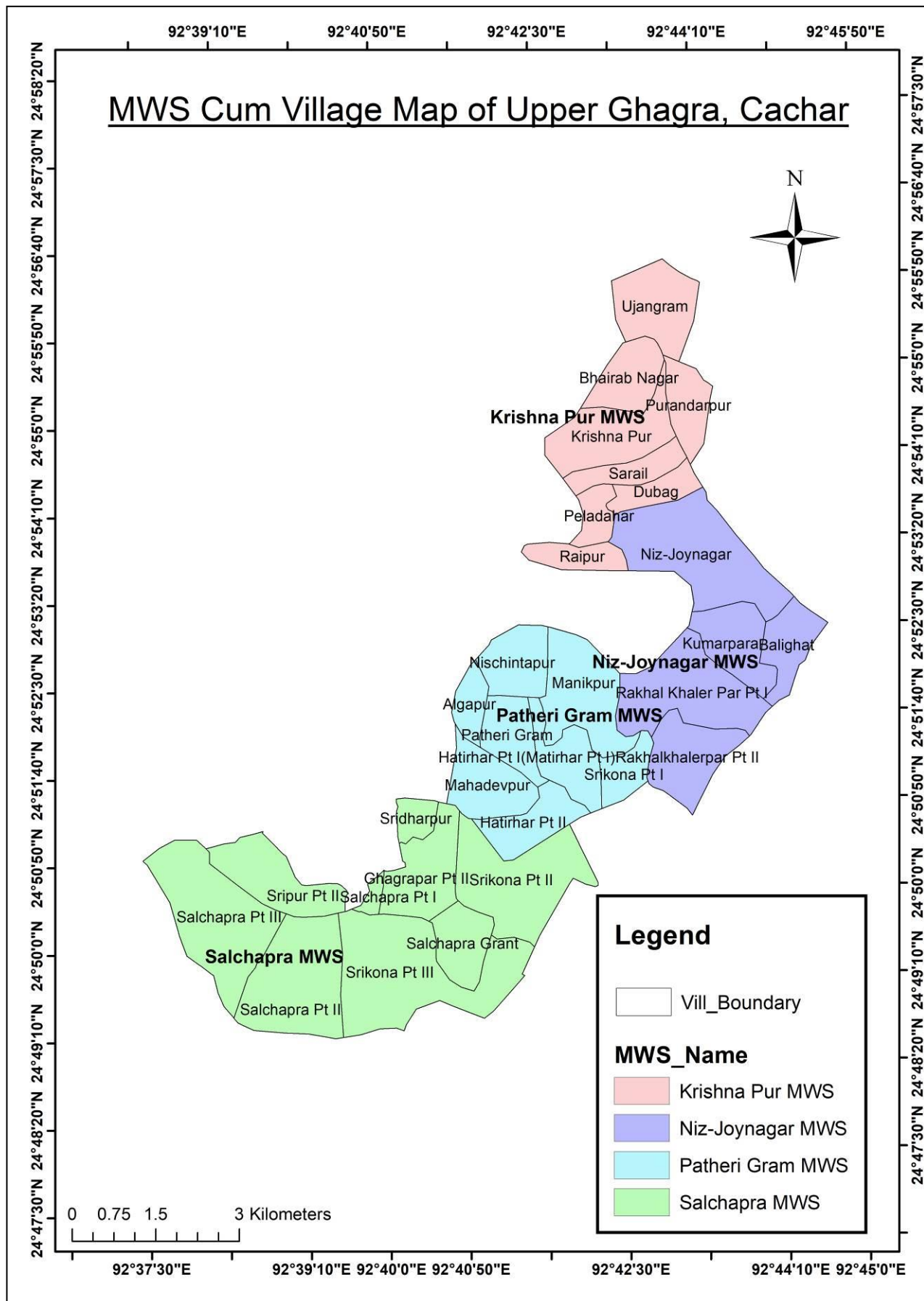


0 1 2 4 Kilometers

Legend

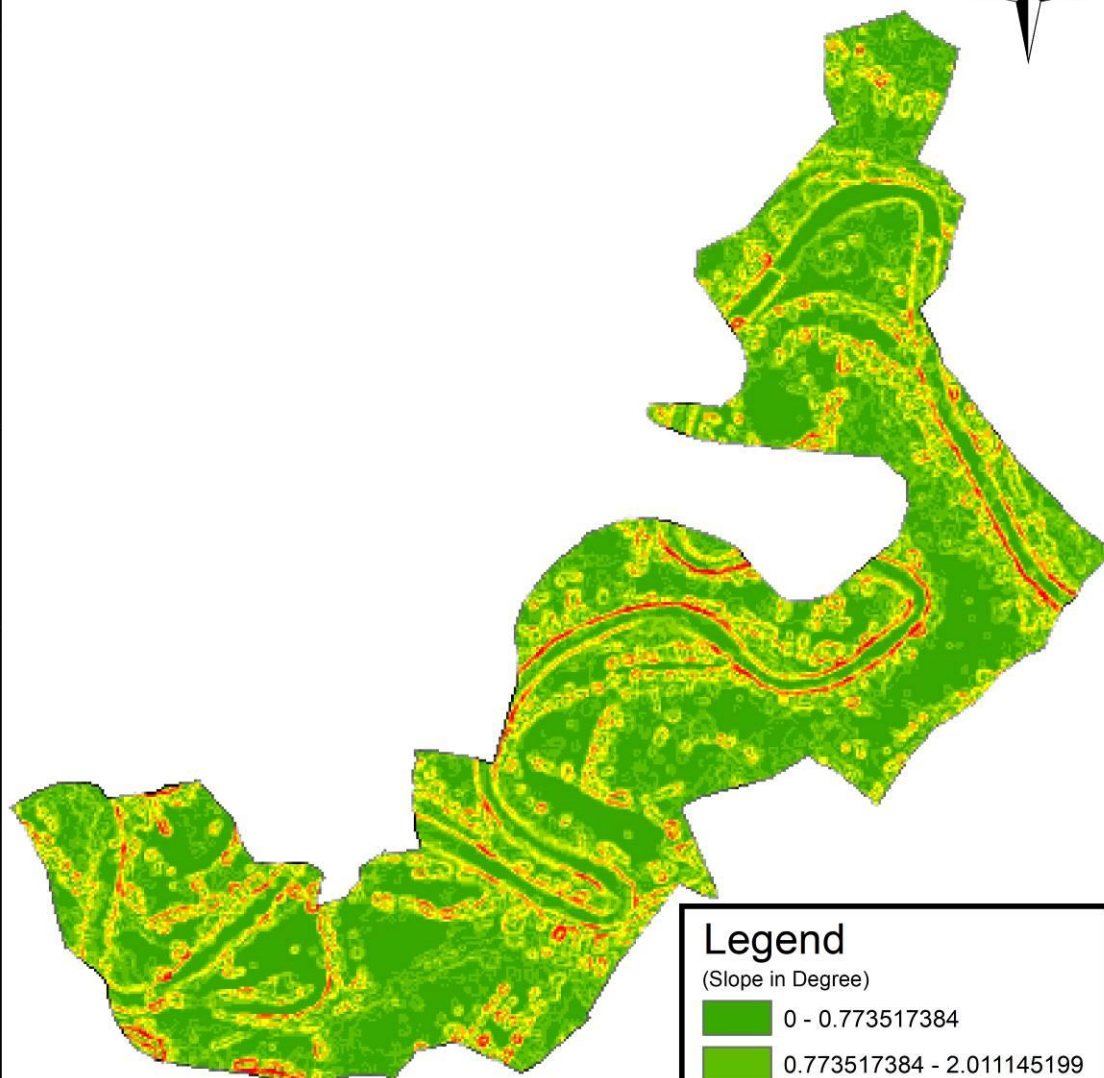
LULC_Class

-  Agriculture
-  Builtup
-  Tree Clad Settlement
-  Water





Slope Map of Upper Ghagra, Cachar

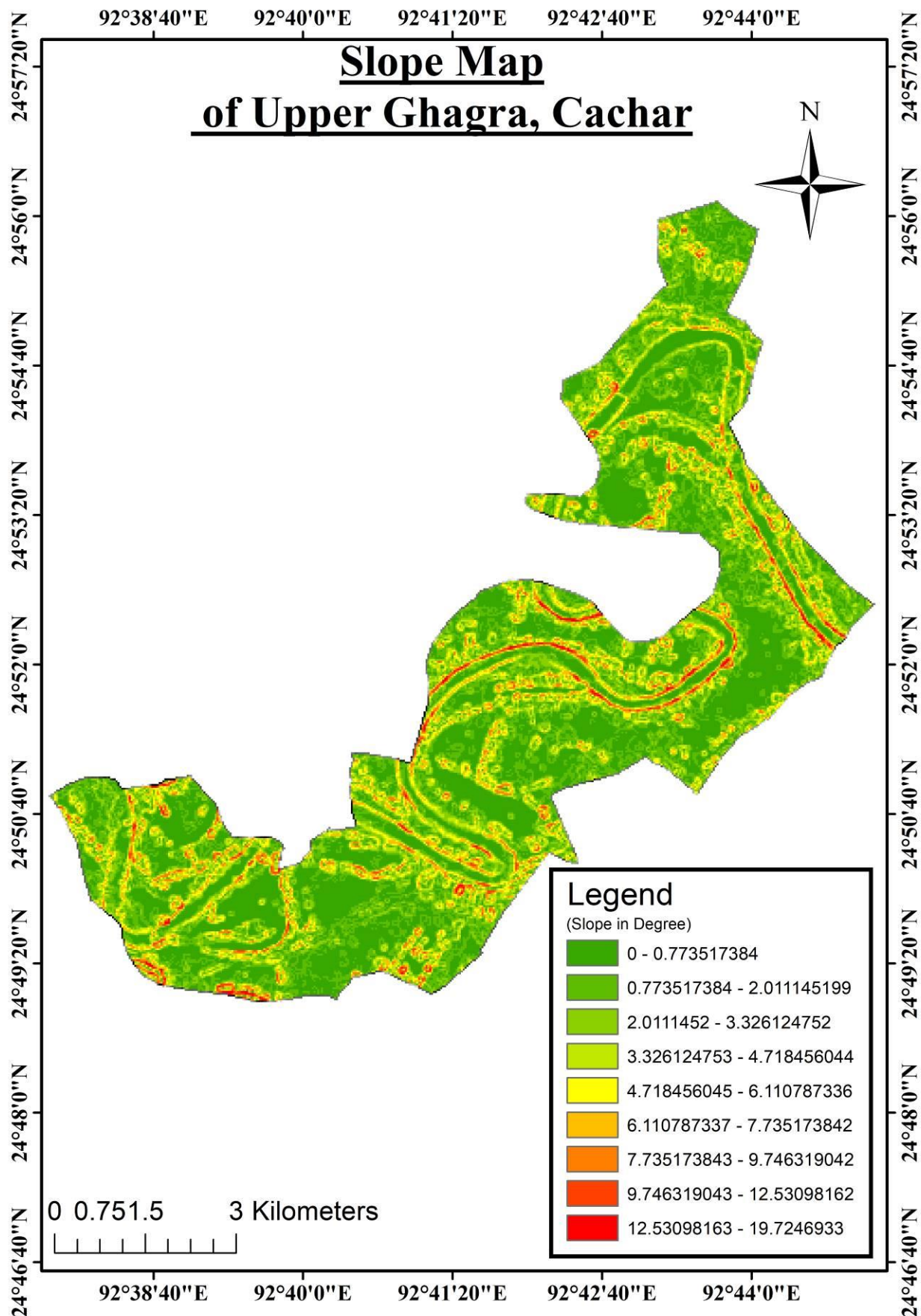


Legend

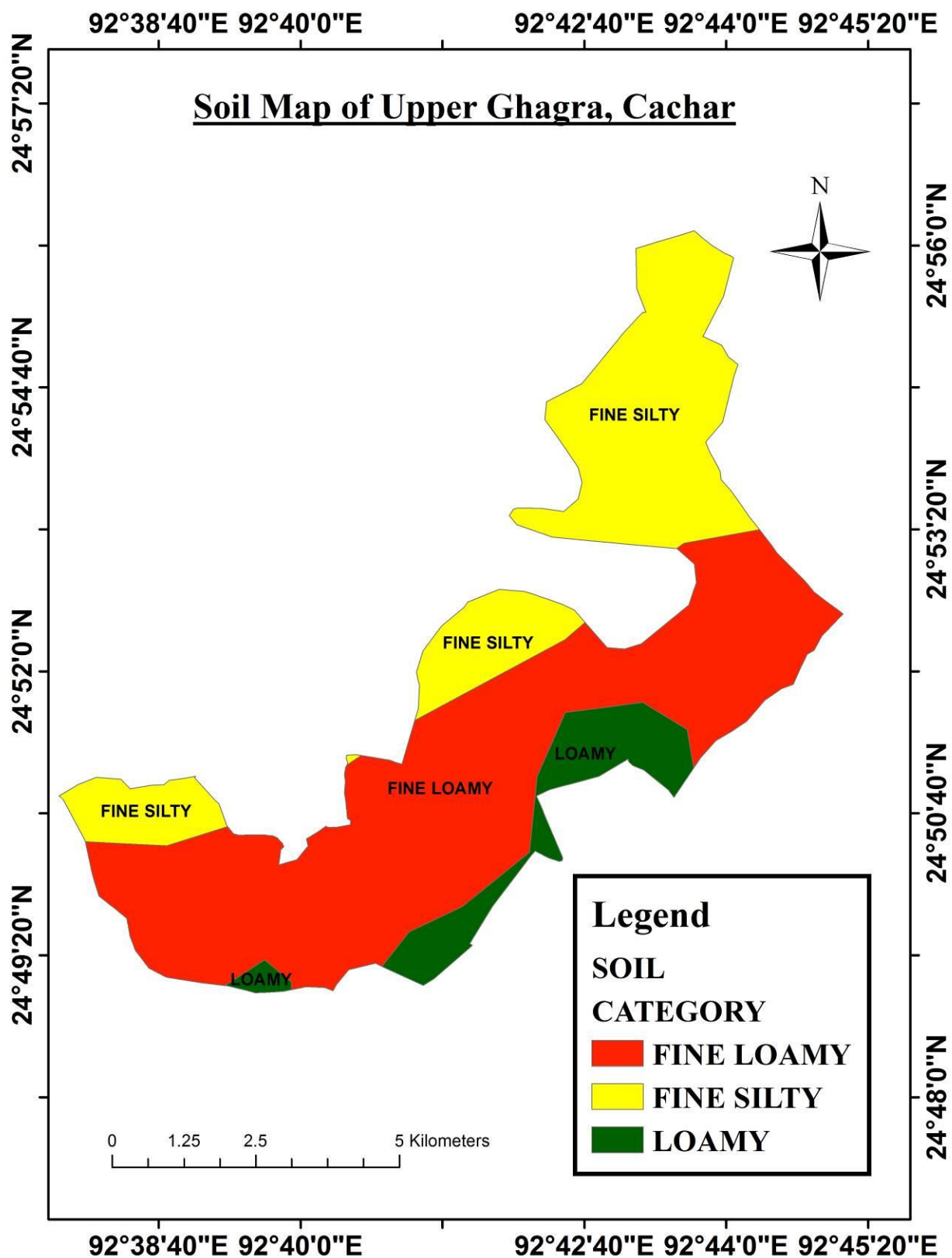
(Slope in Degree)

0 - 0.773517384
0.773517384 - 2.011145199
2.0111452 - 3.326124752
3.326124753 - 4.718456044
4.718456045 - 6.110787336
6.110787337 - 7.735173842
7.735173843 - 9.746319042
9.746319043 - 12.53098162
12.53098163 - 19.7246933

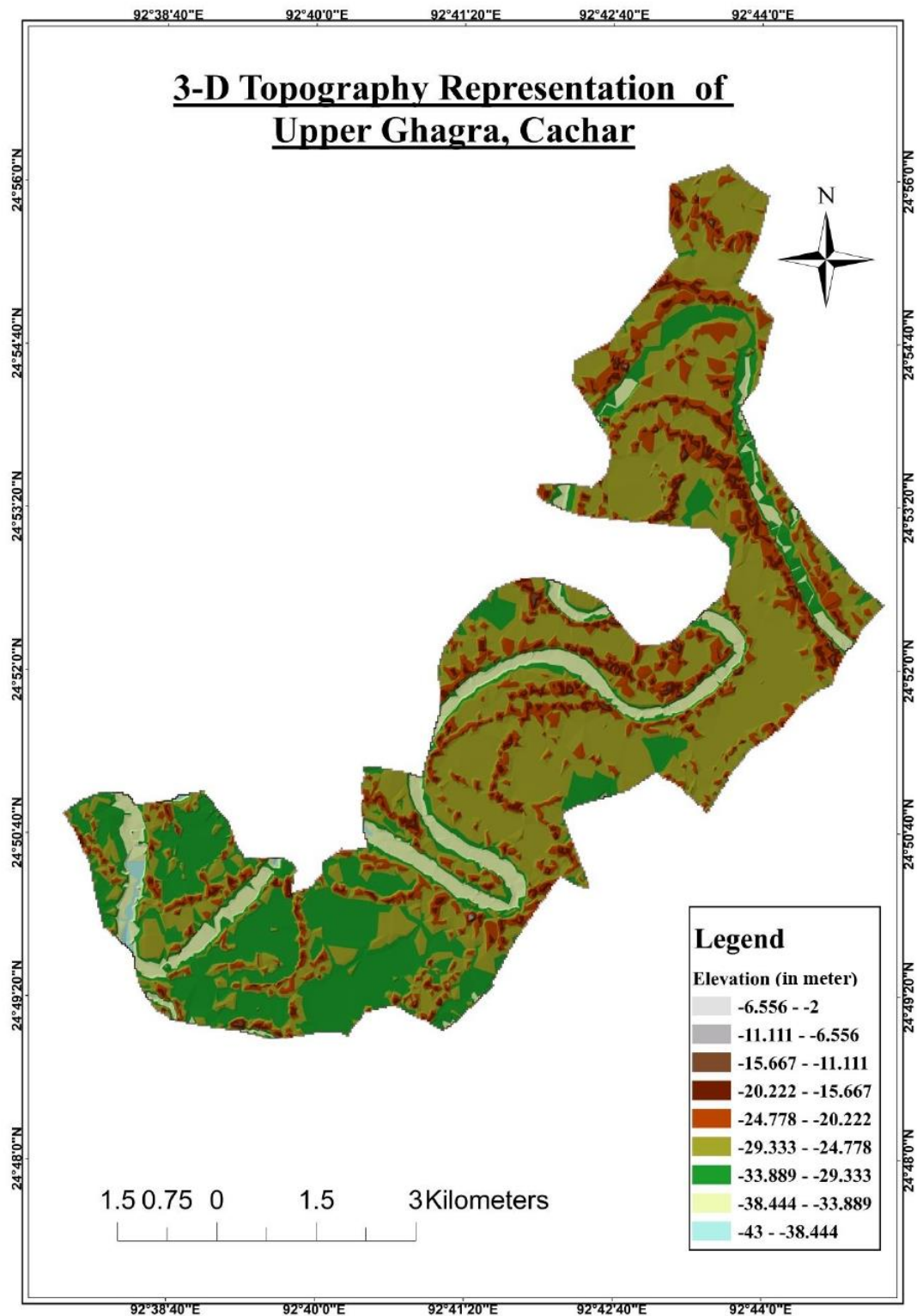
0 0.751.5 3 Kilometers

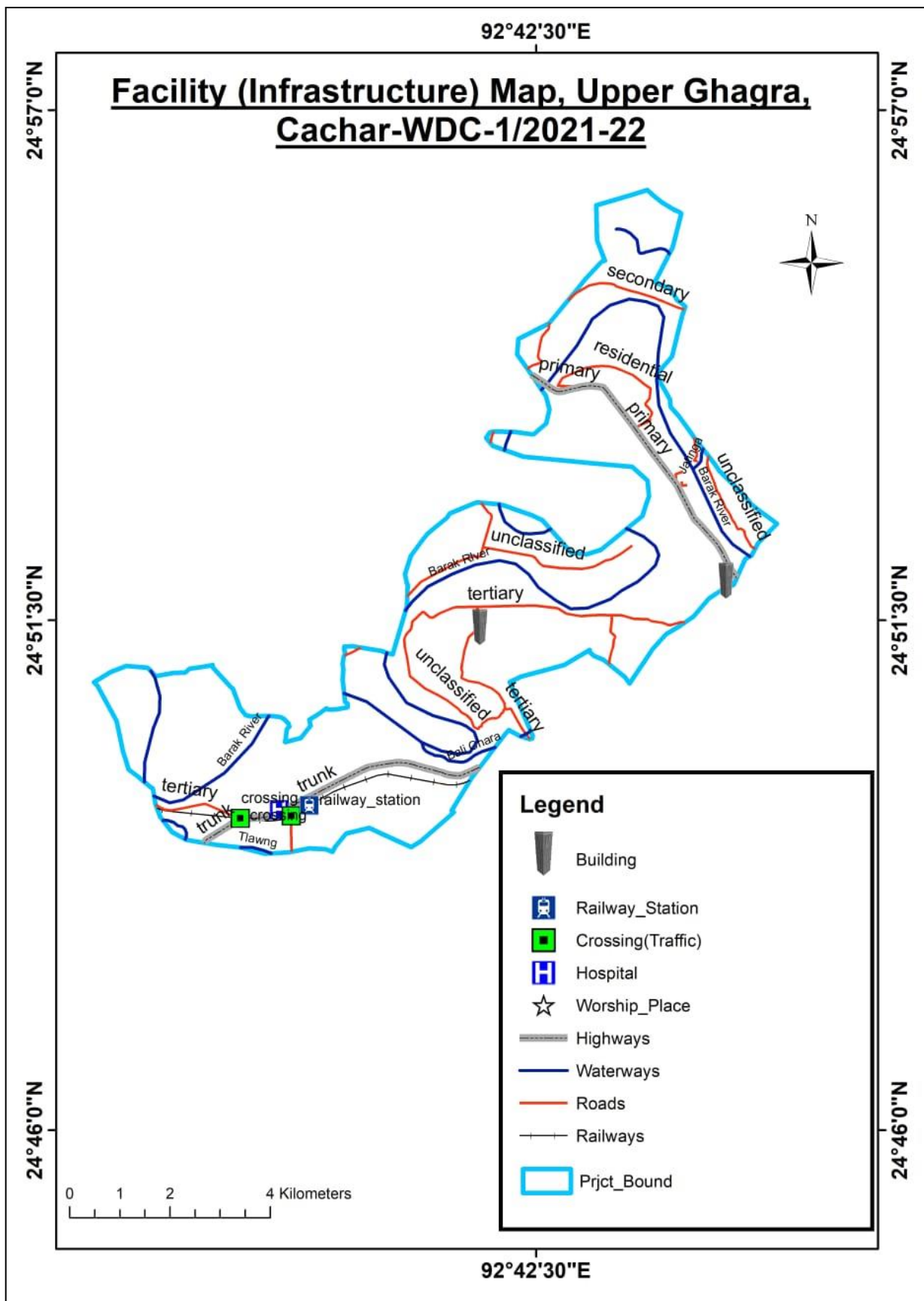


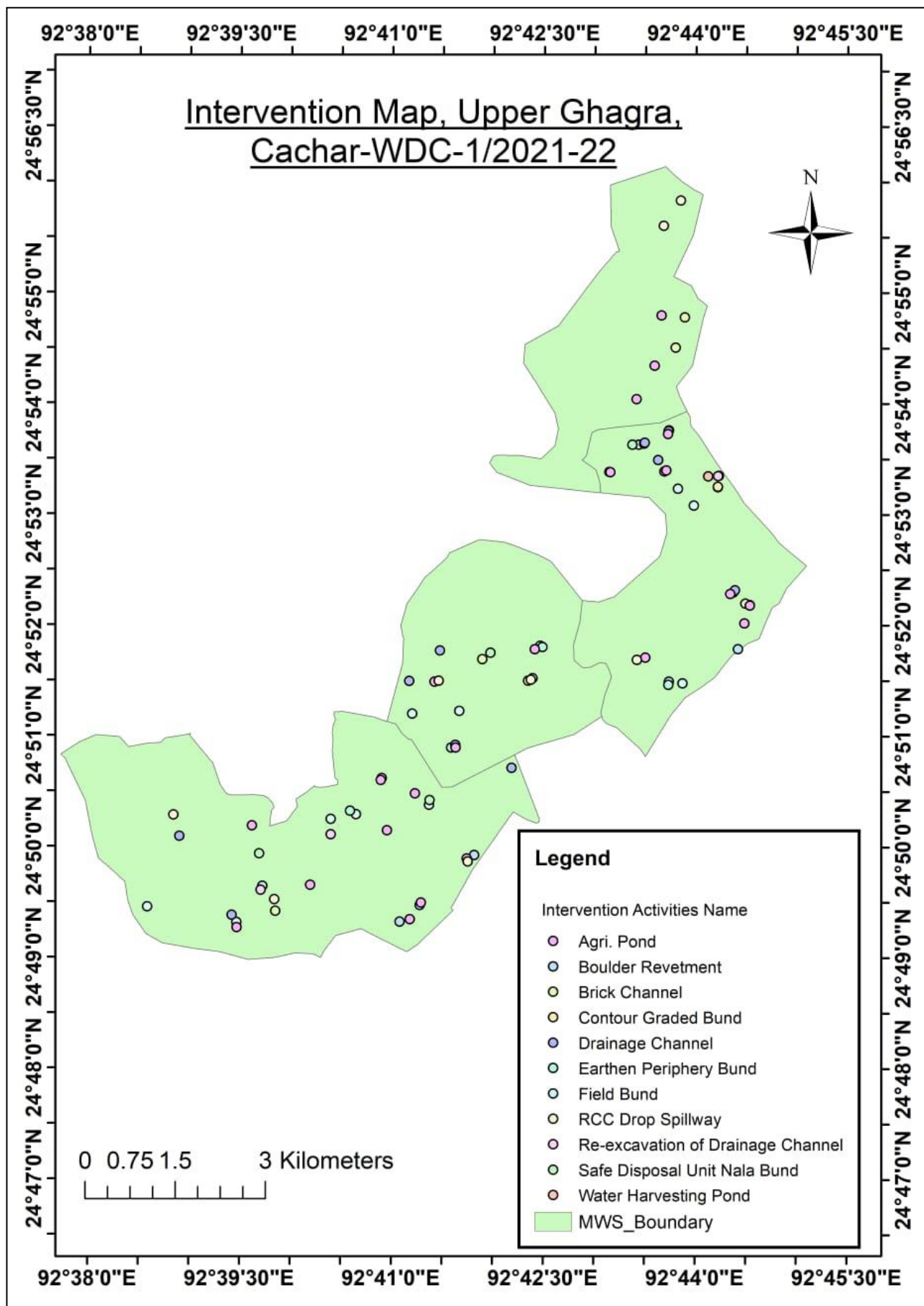
Soil Map of Upper Ghagra, Cachar



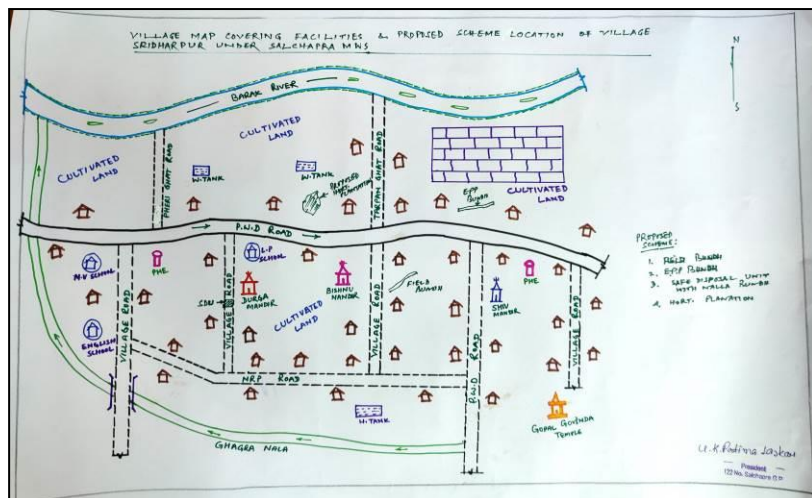
3-D Topography Representation of Upper Ghagra, Cachar





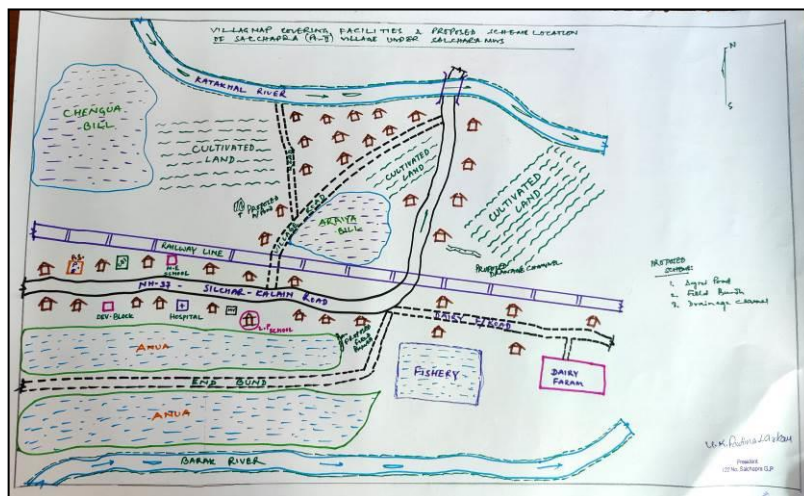


MAPS OF VILLAGES DRAWN BY VILLAGERS DURING PRA EXERCISE COVERING FACILITIES AND SCHEME LOCATION UNDER CACHAR-WDC-1/2021-21 (UPPER GHAGRA)

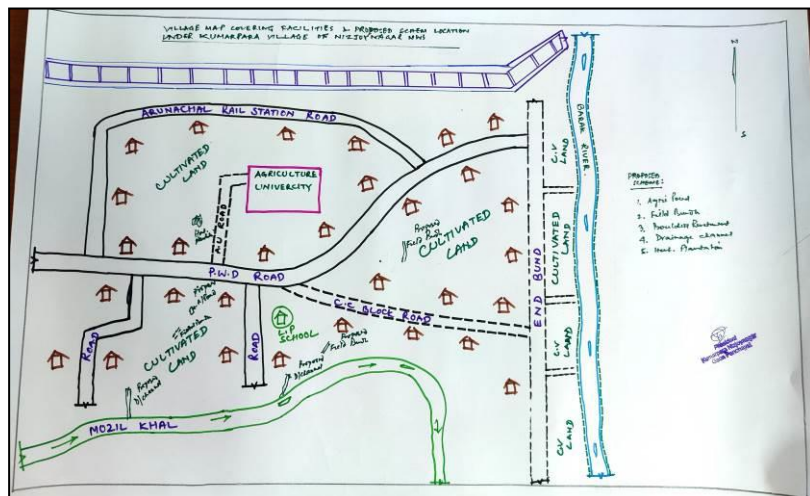


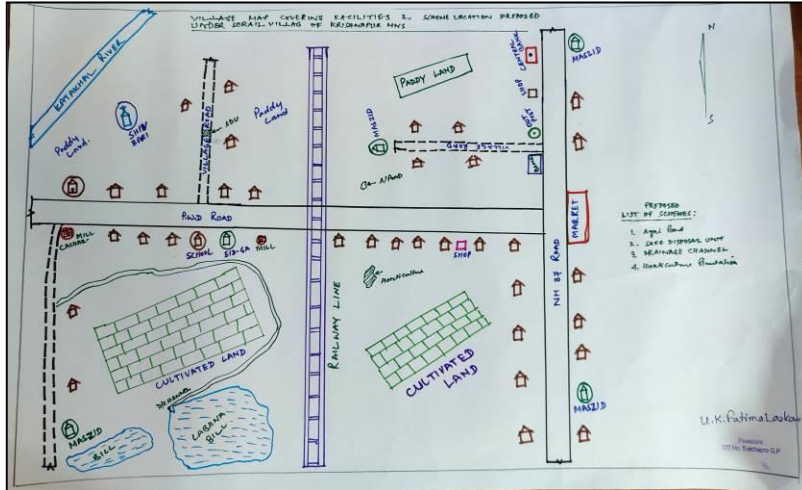
SOCIAL MAP OF SRIDHARPUR VILLAGE

SOCIAL MAP OF SALCHAPRA PT-II VILLAGE

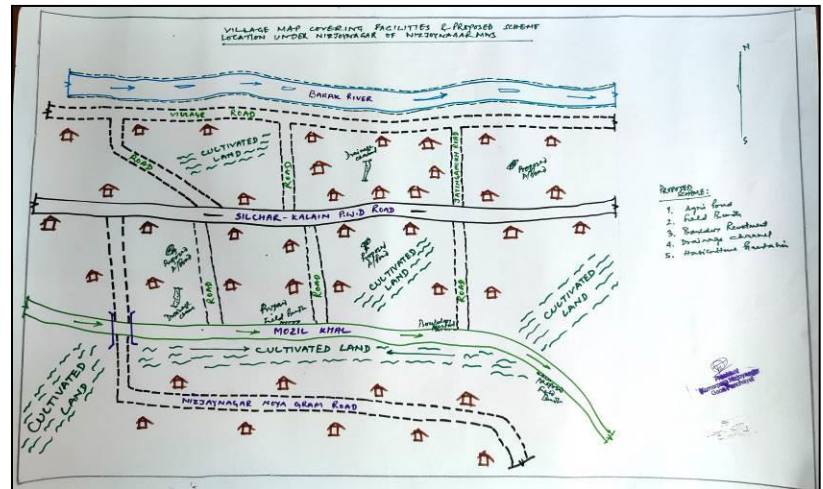


SOCIAL MAP OF KUMARPARA VILLAGE

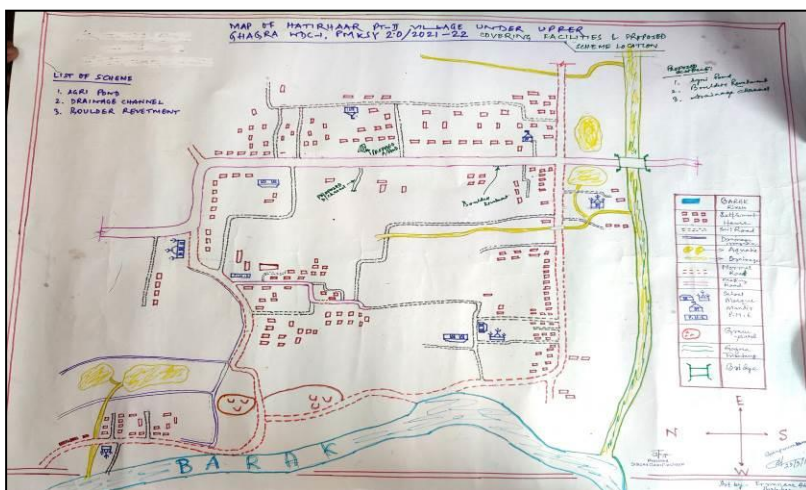




SOCIAL MAP OF SORAIL VILLAGE



SOCIAL MAP OF NIZ JOY NAGAR VILLAGE



SOCIAL MAP OF HATIRHAR PT-II VILLAGE

VILLAGE SRIKONA PT-II**VILLAGE RAKHAL KHALERPAR PT-II**

VILLAGE HATIRHAR PT-II

Client: CACMA
District: SOUTHERN
Village: WATAMBA

Household Information for Socio-Economic Information of Project
1/1/1

Table No.-1

Name of the Head of Family	No. of Members	Sex		Literacy		SC/ST	Caste / Caste	Annual Income	Cultivated Area	Total Income
		M	F	Male	Female					
PLUJYU DAS	15	1	2	1	2	2	SC	10000	10000	20000
	15	1	2	1	2	2	SC	10000	10000	20000
Total	2	2	2	2	2	2				

Qualifications: Graduate, Postgraduate, Diploma, Engineering, B.A., B.Sc., B.Com., B.Tech., M.A., M.Sc., M.Com., M.Tech., Ph.D., P.H.D., Postgraduate, Diploma, Engineering, B.A., B.Sc., B.Com., B.Tech., M.A., M.Sc., M.Com., M.Tech., Ph.D., P.H.D.

Occupations: Agriculture, Labour, Business, Government Service, Private Service, Unemployed, Educated (unemployed), etc.

Table No.-2

Total Land (Acres)	Land Under Cultivation			Other Land	Total Land (Acres)
	Food Crops	Non-Food Crops	Barren		
2.00	1.00	1.00	0.00	2.00	

Percentage of Land Under Cultivation: 100% (1.00/2.00 x 100 = 50%)

Table No.-3

Name of Crops	Area (Acres)	Production (kg/ha)	Name of Crops	Area (Acres)	Production (kg/ha)
1. Rice	1.00	10000	2. Other	1.00	10000
2. Wheat	1.00	10000	3. Other	1.00	10000
3. Barley	1.00	10000	4. Other	1.00	10000
4. Other	1.00	10000	5. Other	1.00	10000

Single Cropping: ☒ Double Cropping: ☐ Multi Cropping: ☐ Barrenland / Forest land: ☐

Table No.-4

Name of the Head of Family	Sex	Age	Marital Status	Religion	Education	Occupation	Income	Assets	Liabilities
1. Das	M	45	Married	Hindu	High School	Agriculture	10000	10000	10000
2. Das	F	40	Married	Hindu	High School	Agriculture	10000	10000	10000
3. Das	M	35	Married	Hindu	High School	Agriculture	10000	10000	10000
4. Das	F	30	Married	Hindu	High School	Agriculture	10000	10000	10000
5. Das	M	25	Married	Hindu	High School	Agriculture	10000	10000	10000
6. Das	F	20	Married	Hindu	High School	Agriculture	10000	10000	10000
7. Das	M	15	Married	Hindu	High School	Agriculture	10000	10000	10000
8. Das	F	10	Married	Hindu	High School	Agriculture	10000	10000	10000

Table No.-5

Name of the Head of Family	Sex	Age	Marital Status	Religion	Education	Occupation	Income	Assets	Liabilities
1. Das	M	45	Married	Hindu	High School	Agriculture	10000	10000	10000
2. Das	F	40	Married	Hindu	High School	Agriculture	10000	10000	10000
3. Das	M	35	Married	Hindu	High School	Agriculture	10000	10000	10000
4. Das	F	30	Married	Hindu	High School	Agriculture	10000	10000	10000
5. Das	M	25	Married	Hindu	High School	Agriculture	10000	10000	10000
6. Das	F	20	Married	Hindu	High School	Agriculture	10000	10000	10000
7. Das	M	15	Married	Hindu	High School	Agriculture	10000	10000	10000
8. Das	F	10	Married	Hindu	High School	Agriculture	10000	10000	10000

Table No.-6

Name of the Head of Family	Sex	Age	Marital Status	Religion	Education	Occupation	Income	Assets	Liabilities
1. Das	M	45	Married	Hindu	High School	Agriculture	10000	10000	10000
2. Das	F	40	Married	Hindu	High School	Agriculture	10000	10000	10000
3. Das	M	35	Married	Hindu	High School	Agriculture	10000	10000	10000
4. Das	F	30	Married	Hindu	High School	Agriculture	10000	10000	10000
5. Das	M	25	Married	Hindu	High School	Agriculture	10000	10000	10000
6. Das	F	20	Married	Hindu	High School	Agriculture	10000	10000	10000
7. Das	M	15	Married	Hindu	High School	Agriculture	10000	10000	10000
8. Das	F	10	Married	Hindu	High School	Agriculture	10000	10000	10000

Signature of Enumerator: N. S. Chandra

Signature of WCT Member: Shri. D.

PHOTOGRAPHS OF PRA EXERCISE UNDER CACHAR-WDC-1/2021-22 (UPPER GHAGRA)



Meeting on PRA at Srikona GP Office under Cachar-WDC-1/2021-22 (Upper Ghagra)

PRA at village Rakhal Khalerpar Pt-I under Cachar-WDC-1/2021-22 (Upper Ghagra)



PRA at village Srikona Pt-II under Cachar-WDC-1/2021-22 (Upper Ghagra)



PRA at village
Peladahar under
Cachar-WDC-1/2021-22
(Upper Ghagra)



PRA at village
Purandarpur under
Cachar-WDC-1/2021-22
(Upper Ghagra)



PRA at village
Kumarpara under
Cachar-WDC-1/2021-22
(Upper Ghagra)

**GAON SABHA FOR FORMATION OF SALCHAPRA MWS COMMITTEE UNDER
CACHAR-WDC-1/2021-22 (UPPER GHAGRA)**



**GAON SABHA FOR FORMATION OF PATHERIGRAM MWS COMMITTEE UNDER
CACHAR-WDC-1/2021-22 (UPPER GHAGRA)**



**GAON SABHA FOR FORMATION OF KRISHNAPUR MWS COMMITTEE UNDER
CACHAR-WDC-1/2021-22 (UPPER GHAGRA)**



**GAON SABHA FOR FORMATION OF NIZ JOYNAGAR MWS COMMITTEE UNDER
CACHAR-WDC-1/2021-22 (UPPER GHAGRA)**



ANNEXURE-I

Total Target Area to be treated during implementation of Project under WDC-PMKSY 2.0		
DISTRICT: CACHAR PROJECT: UPPER GHAGRA, CACHAR-WDC-1/2021-22		
Sl. No.	Component	Total Area taken up for Treatment as per DPR (Ha.)
1	NRM Activities	A. 3092
2	Production System (Land Based Activities)	B. 329
	Total	C. 3421
NB: C. Total Target Area to be treated = Project Treatable Area		

ANNEXURE-II
SDG FORMAT

Total Target area to be treated during implementation of project under WDC-PMKSY 2.0

DISTRICT: CACHAR

PROJECT: CACHAR-WDC-1/2021-22 (UPPER GHAGRA)

Sl. No.	Component	List of Activities (as per 5 year Action Plan)		Total Treatable Area to be benefitted (Ha.)
		Name of Activities	Location	
1	NRM Activities	Agri. Pond	Bhairabnagar	20.00
2		Agri. Pond	Purandarpur	10.00
3		Agri. Pond	Krishnapur	20.00
4		Agri. Pond	Sarail	10.00
5		Agri. Pond	Peladahar	20.00
6		Agri. Pond	Ujangram	10.00
7		Agri. Pond	Dubag	10.00
8		Agri. Pond	Nizjoynagar	30.00
9		Agri. Pond	Kumarpara	10.00
10		Agri. Pond	Balighat	30.00
11		Agri. Pond	Rakhal Khalerpar Pt-I	20.00
12		Agri. Pond	Rakhal Khalerpar Pt-II	30.00
13		Agri. Pond	Algapur	10.00
14		Agri. Pond	Manikpur	30.00
15		Agri. Pond	Hatirhar Pt-I	20.00
16		Agri. Pond	Srikona Pt-I	10.00
17		Agri. Pond	Hatirhar Pt-II	10.00
18		Agri. Pond	Mahadevpur	10.00
19		Agri. Pond	Srikona Pt-II	20.00
20		Agri. Pond	Salchapra Pt-I	10.00
21		Agri. Pond	Salchapra Pt-II	10.00
22		Agri. Pond	Srikona Pt-III	20.00
23		Agri. Pond	Ghagrpar Pt-II	30.00
24		Water Harvesting Pond	Bhairabnagar	16.00
25		Water Harvesting Pond	Purandarpur	8.00
26		Field Bund	Bhairabnagar	40.00
27		Field Bund	Purandarpur	41.00
28		Field Bund	Krishnapur	38.00
29		Field Bund	Peladahar	40.00
30		Field Bund	Ujangram	37.00

Sl. No.	Component	List of Activities (as per 5 year Action Plan)		Total Treatable Area to be benefitted (Ha.)
		Name of Activities	Location	
31	NRM Activities	Field Bund	Dubag	39.00
32		Field Bund	Raipur	42.00
33		Field Bund	Niz Joynagar	37.00
34		Field Bund	Kumarpara	39.00
35		Field Bund	Rakhal Khalerpar Pt-I	38.00
36		Field Bund	Rakhal Khalerpar Pt-II	41.00
37		Field Bund	Algapur	39.00
38		Field Bund	Patherigram	36.00
39		Field Bund	Manikpur	37.00
40		Field Bund	Srikona Pt-I	36.00
41		Field Bund	Mahadevpur	40.00
42		Field Bund	Salchapra Pt-II	37.00
43		Field Bund	Salchapra Grant	39.00
44		Field Bund	Sridharpur	38.00
45		Field Bund	Ghagrapar Pt-II	36.00
46		Field Bund	Salchapra Pt-III	40.00
47		Field Bund	Sripur Pt-II	42.00
48		Contour Graded Bund	Bhairabnagar	22.00
49		Contour Graded Bund	Purandarpur	18.00
50		Safe Disposal Unit with Nala Bund	Bhairabnagar	
51		Safe Disposal Unit with Nala Bund	Purandarpur	
52		Safe Disposal Unit with Nala Bund	Krishnapur	
53		Safe Disposal Unit with Nala Bund	Sarail	
54		Safe Disposal Unit with Nala Bund	Peladahar	
55		Safe Disposal Unit with Nala Bund	Raipur	
56		Safe Disposal Unit with Nala Bund	Manikpur	
57		Safe Disposal Unit with Nala Bund	Nischintapur	
58		Safe Disposal Unit with Nala Bund	Mahadevpur	
59		Safe Disposal Unit with Nala Bund	Sridharpur	
60		Safe Disposal Unit with Nala Bund	Sripur Pt-II	

Sl. No.	Component	List of Activities (as per 5 year Action Plan)		Total Treatable Area to be benefitted (Ha.)
		Name of Activities	Location	
61	NRM Activities	Brick Channel	Bhairabnagar	20.00
62		Brick Channel	Purandarpur	18.00
63		Brick Channel	Peladahar	15.00
64		Brick Channel	Ujangram	19.00
65		Brick Channel	Rakhal Khalerpar Pt-II	20.00
66		Brick Channel	Manikpur	17.00
67		Brick Channel	Hatirhar Pt-I	15.00
68		Brick Channel	Srikona Pt-I	17.00
69		Brick Channel	Salchapra Pt-I	19.00
70		Re-excavation of Drainage Channel	Purandarpur	24.00
71		Re-excavation of Drainage Channel	Ujangram	30.00
72		Re-excavation of Drainage Channel	Mahadevpur	28.00
73		Re-excavation of Drainage Channel	Ghagrapar Pt-II	24.00
74		Re-excavation of Drainage Channel	Sripur Pt-II	29.00
75		Drainage Channel	Krishnapur	36.00
76		Drainage Channel	Sarail	30.00
77		Drainage Channel	Peladahar	34.00
78		Drainage Channel	Ujangram	26.00
79		Drainage Channel	Dubag	36.00
80		Drainage Channel	Raipur	39.00
81		Drainage Channel	Niz Joynagar	28.00
82		Drainage Channel	Kumarpara	33.00
83		Drainage Channel	Balighat	36.00
84		Drainage Channel	Rakhal Khalerpar Pt-II	31.00
85		Drainage Channel	Algapur	37.00
86		Drainage Channel	Patherigram	30.00
87		Drainage Channel	Manikpur	34.00
88		Drainage Channel	Nischintapur	25.00
89		Drainage Channel	Hatirhar Pt-I	32.00
90		Drainage Channel	Hatirhar Pt-II	36.00
91		Drainage Channel	Srikona Pt-II	30.00
92		Drainage Channel	Salchapra Pt-II	35.00
93		Drainage Channel	Salchapra Pt-III	38.00

Sl. No.	Component	List of Activities (as per 5 year Action Plan)		Total Treatable Area to be benefitted (Ha.)
		Name of Activities	Location	
94	NRM Activities	Boulder Revetment	Niz Joynagar	26.00
95		Boulder Revetment	Kumarpara	29.00
96		Boulder Revetment	Rakhal Khalerpar Pt-I	34.00
97		Boulder Revetment	Srikona Pt-I	28.00
98		Boulder Revetment	Hatirhar Pt-II	32.00
99		Boulder Revetment	Srikona Pt-II	38.00
100		Boulder Revetment	Salchapra Grant	35.00
101		Boulder Revetment	Srikona Pt-III	30.00
102		RCC Drop Spillway	Rakhal Khalerpar Pt-I	62.00
103		RCC Drop Spillway	Manikpur	57.00
104		RCC Drop Spillway	Nischintapur	55.00
105		RCC Drop Spillway	Srikona Pt-II	59.00
106		RCC Drop Spillway	Salchapra Pt-I	57.00
107		RCC Drop Spillway	Sripur Pt-II	60.00
108		Earthen Periphery Bund	Rakhal Khalerpar Pt-I	38.00
109		Earthen Periphery Bund	Patherigram	43.00
110		Earthen Periphery Bund	Manikpur	37.00
111		Earthen Periphery Bund	Sridharpur	44.00
112		Earthen Periphery Bund	Salchapra Pt-III	40.00
113		Earthen Periphery Bund	Sripur Pt-II	38.00
114		Horticulture Plantation	Sarail	0.50
115		Horticulture Plantation	Peladahar	0.50
116		Horticulture Plantation	Niz Joynagar	1.00
117		Horticulture Plantation	Kumarpara	2.00
118		Horticulture Plantation	Algapur	1.00
119		Horticulture Plantation	Patherigram	1.00
120		Horticulture Plantation	Manikpur	1.00
121		Horticulture Plantation	Srikona Pt-I	1.00
122		Horticulture Plantation	Salchapra Pt-I	1.00
123		Horticulture Plantation	Salchapra Grant	1.00
124		Horticulture Plantation	Sridharpur	1.00
125		Horticulture Plantation	Ghagrapar Pt-II	1.00
126		Horticulture Plantation	Sripur Pt-II	1.00
			Total (A)	3092

Sl. No.	Component	List of Activities (as per 5 year Action Plan)		Total Treatable Area to be benefitted (Ha.)
		Name of Activities	Location	
1	Production System (Land Based Activities)	Crop Demo (Papaya)	Ujangram	4.00
2		Crop Demo (Papaya)	Bhairabnagar	4.00
3		Crop Demo (Papaya)	Purandarpur	4.00
4		Crop Demo (Papaya)	Krishnapur	3.00
5		Crop Demo (Papaya)	Sarail	1.00
6		Crop Demo (Papaya)	Peladahar	2.00
7		Crop Demo (Papaya)	Raipur	3.00
8		Crop Demo (Papaya)	Niz Joynagar	3.00
9		Crop Demo (Papaya)	Kumarpura	4.00
10		Crop Demo (Papaya)	Balighat	1.00
11		Crop Demo (Papaya)	Rakhal Khalerpar Pt-I	3.00
12		Crop Demo (Papaya)	Rakhal Khalerpar Pt-II	4.00
13		Crop Demo (Papaya)	Manikpur	6.00
14		Crop Demo (Papaya)	Nischintapur	2.00
15		Crop Demo (Papaya)	Algapur	3.00
16		Crop Demo (Papaya)	Patherigram	2.00
17		Crop Demo (Papaya)	Mahadevpur	4.00
18		Crop Demo (Papaya)	Hatirhar Pt-I	2.00
19		Crop Demo (Papaya)	Srikona Pt-I	4.00
20		Crop Demo (Papaya)	Hatirhar Pt-II	1.00
21		Crop Demo (Papaya)	Sridharpur	2.00
22		Crop Demo (Papaya)	Ghagrpar Pt-II	3.00
23		Crop Demo (Papaya)	Srikona Pt-II	4.00
24		Crop Demo (Papaya)	Salchapra Pt-I	3.00
25		Crop Demo (Papaya)	Salchapra Grant	2.00
26		Crop Demo (Papaya)	Srikona Pt-III	1.00
27		Crop Demo (Papaya)	Sripur Pt-II	6.00
28		Crop Demo (Papaya)	Salchapra Pt-III	1.00
29		Crop Demo (Lemon)	Ujangram	4.00
30		Crop Demo (Lemon)	Bhairabnagar	4.00
31		Crop Demo (Lemon)	Purandarpur	4.00
32		Crop Demo (Lemon)	Krishnapur	5.00
33		Crop Demo (Lemon)	Sarail	2.00
34		Crop Demo (Lemon)	Peladahar	7.00
35		Crop Demo (Lemon)	Dubag	2.00

Sl. No.	Component	List of Activities (as per 5 year Action Plan)		Total Treatable Area to be benefitted (Ha.)
		Name of Activities	Location	
36	Production System (Land Based Activities)	Crop Demo (Lemon)	Raipur	4.00
37		Crop Demo (Lemon)	Niz Joynagar	4.00
38		Crop Demo (Lemon)	Kumarpara	7.00
39		Crop Demo (Lemon)	Balighat	3.00
40		Crop Demo (Lemon)	Rakhal Khalerpar Pt-I	3.00
41		Crop Demo (Lemon)	Rakhal Khalerpar Pt-II	5.00
42		Crop Demo (Lemon)	Manikpur	7.00
43		Crop Demo (Lemon)	Nischintapur	10.00
44		Crop Demo (Lemon)	Algapur	6.00
45		Crop Demo (Lemon)	Patherigram	2.00
46		Crop Demo (Lemon)	Mahadevpur	3.00
47		Crop Demo (Lemon)	Hatirhar Pt-I	4.00
48		Crop Demo (Lemon)	Srikona Pt-I	7.00
49		Crop Demo (Lemon)	Hatirhar Pt-II	2.00
50		Crop Demo (Lemon)	Sridharpur	5.00
51		Crop Demo (Lemon)	Ghagrapar Pt-II	4.00
52		Crop Demo (Lemon)	Srikona Pt-II	5.00
53		Crop Demo (Lemon)	Salchapra Pt-I	6.00
54		Crop Demo (Lemon)	Salchapra Grant	2.00
55		Crop Demo (Lemon)	Srikona Pt-III	4.00
56		Crop Demo (Lemon)	Sripur Pt-II	8.00
57		Crop Demo (Lemon)	Salchapra Pt-III	2.00
58		Crop Demo (Lemon)	Salchapra Pt-II	3.00
59		Banana Cultivation	Ujangram	2.00
60		Banana Cultivation	Bhairabnagar	3.00
61		Banana Cultivation	Purandarpur	1.00
62		Banana Cultivation	Krishnapur	4.00
63		Banana Cultivation	Sarail	2.00
64		Banana Cultivation	Peladahar	5.00
65		Banana Cultivation	Dubag	2.00
66		Banana Cultivation	Raipur	4.00
67		Banana Cultivation	Niz Joynagar	6.00
68		Banana Cultivation	Kumarpara	4.00
69		Banana Cultivation	Balighat	2.00
70		Banana Cultivation	Rakhal Khalerpar Pt-I	2.00
71		Banana Cultivation	Rakhal Khalerpar Pt-II	5.00

Sl. No.	Component	List of Activities (as per 5 year Action Plan)		Total Treatable Area to be benefitted (Ha.)
		Name of Activities	Location	
72	Production System (Land Based Activities)	Banana Cultivation	Manikpur	7.00
73		Banana Cultivation	Nischintapur	7.00
74		Banana Cultivation	Algapur	2.00
75		Banana Cultivation	Patherigram	1.00
76		Banana Cultivation	Mahadevpur	2.00
77		Banana Cultivation	Hatirhar Pt-I	5.00
78		Banana Cultivation	Srikona Pt-I	8.00
79		Banana Cultivation	Hatirhar Pt-II	3.00
80		Banana Cultivation	Sridharpur	4.00
81		Banana Cultivation	Ghagrapar Pt-II	4.00
82		Banana Cultivation	Srikona Pt-II	9.00
83		Banana Cultivation	Salchapra Pt-I	2.00
84		Banana Cultivation	Salchapra Grant	3.00
85		Banana Cultivation	Srikona Pt-III	2.00
86		Banana Cultivation	Sripur Pt-II	6.00
87		Banana Cultivation	Salchapra Pt-III	3.00
88		Banana Cultivation	Salchapra Pt-II	1.00
89		Horticulture Nursery	Salchapra Pt-II	2.00
			Total (B)	329
			C=(A+B)	3421



Project Manager, WDC-PMKSY
&
Divisional Officer
Cachar Soil Conservation Division
Silchar