



GOVERNMENT OF MEGHALAYA  
OFFICE OF THE BLOCK DEVELOPMENT OFFICER  
RANIKOR & MAWKYRWAT C&RD BLOCK  
SOUTH WEST KHASI HILLS DISTRICT

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# DISASTER RISK MANAGEMENT PLAN

**DEPARTMENT OF DISASTER MANAGEMENT**

*Phone No. : - 03566-246249 (O)*

*Fax No. – 03566-246249 (O)*

*E-mail address : -*

## Chapter-I

### Overview of the Block

- Location:
  
- Area and administrative division:

### Block Disaster Management Committee:

<i>Sl. No</i>	<i>Designation</i>	<i>Address</i>	<i>Phone Number</i>
1	Block Development Officer		
2	Extension Officer (Agriculture)		
3	Extension Officer (Veterinary)		
4	Asstt. Engineer		
5	Asstt. Engineer		
6	Executive Engineer		
7	Inspector-in-Charge		
8	Sr. Gram Sevaks		
9	Accountants		
10	BADO		
11	LABOUR INSPECTOR		
12	Sub-Inspector of School		
13.	Inspector of Food & Supplies		
14.	Soil & Water Conservation		
15.			
16.			
17.			
18.			
19.			
20.			

## BLOCK PROFILE

### -: GEOGRAPHICAL:-

Ranikor Developmental Block is surrounded by Mawkyrwat Block in the North. Bangladesh in the South, East Khasi Hills district in East and south Garo Hills district in the West.

Total Geographical		
Area Total		
Agricultural Land		
Total West Land Area		
Average Rainfall (Annual)		
Average Temperature		
Average Humidity		
No. of GS Circle		
No. of Village		
No. of Forest Village		
Important Rivers		

### DEMOGRAPHIC

Population	206151 (As per 2011 Census)
S.C. Population	
S.T. Population	
O.T Population	
General Population	
Total No. of B.P.L. Family	
Literacy	
Male	
Female	

### GENERAL

No. of Permanent Flood Shelter	
No. of Multi Purpose Sub Centre (Clinic)	
No. of P.H.E.	
No. of Anganwadi Centre	
No. of Veterinary Centre	
No. of R.L.I. Centre	
No. of Deep Well Centre	
No. of P.D.S.	
Total Vested land undistributed	

Demographic Details:

Population:

Sl. No	Name of the GS	Total number of HH as per 2010 census	No. of BPL Families	Category as per 2011 census			
				SC	ST	OT	GEN
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
<b>TOTAL:-</b>							

*Type of Workers:*

Sl. No.	Type of Workers							
	Main Workers		Marginal Workers		Non Workers		Total Workers	
	M	F	M	F	M	F	M	F
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

Literacy & Literacy Rate in Percentage:

Literacy rate in percentage			Literate population		
Male	Female	Total	Male	Female	Total

B. Topographical Details:

Climate and Rainfall

Sl. No.	Month Year: 2020	Average Rainfall (in Cm)	Actual Rainfall (in cm)
	May to October		

Rain Recording Stations:

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Month wise Highest,

Lowest Temperature recorded in the Block:

Sl. No.	Month	Maximum Temperature (in Centigrade)	Minimum Temperature (in Centigrade)
1	Summer		
2	Winter		

Geographical Area (in Hect):

Sl. No.	Name of the GS	Agricultural Land (Ha)			Grazing Land	Forest Land	Others	Total Area
		High	Medium	Low				
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

Land Holding Pattern:

Sl No.	Name of the GS	Big Farmers	Marginal Farmers	Small Farmers	Agri-cultural Laborers	Landless	Total
1				225	754	339	3000
2		10	30	127	650	653	820
3		n/a	n/a	n/a	n/a	n/a	n/a
4		124	989	397	510	732	2752
5		306	569	430	1929	4557	5293
6		n/a	n/a	170	50	n/a	220
7		n/a	n/a	n/a	n/a	n/a	n/a
8		92	574	445	5667	260	7038
9		172	687	929	1153	1052	3953
10		3	n/a	30	435	1401	1869
11		14	130	209	480	69	1092

Crop Pattern:

Sl. No	Name of the G.P.	Other Single Crops cultivated in hectares	Types of major crops & Area Cultivated in Hectares				
			Paddy	Potato	Wheat	Jute	Mustard
1		1889.51	1436	245	240	213	161
2		1929.87	1440	260	248	219	165
3		1381.47	1050	179	168	156	127
4		1321.29	100.04	171	161	149	113
5		3317.04	2521	429	404	347	298
6		n/a	n/a	n/a	n/a	n/a	n/a
7		1433.6	1090	185	175	162	123
8		1425.41	1083	175	177	161	122
9		3162.89	2404	409	385	357	270
10		2569	1952	1332	300	290	205
11		1277	970	165	146	144	101

*Livelihood Details:*

Name of the G.S	Total House Holds	Agriculture	Agricultural Labourers	Pisciculture		Petty Business	Service Holder	Others (Specify)
				plan water	Saline			
	3570	2183	754	40	N/A	124	125	n/a
	3958	1200	650			70	35	n/a
	5659	n/a	n/a			218		n/a
	2936	1510	510	32		186	72	63
	6159	1310	1929	104		262	154	n/a
	2230	160	50	5		80	45	1225
	4106	900	n/a	25		227	58	n/a
	5168	1539	5667	109		865	208	735
	4947	1076	1153	197		724	333	226
	4921	647	435	45		1432	876	97
	3921	923	480	48		900	901	39

**Kishan Credit Card & Krishi Pension :**

Sl. No.	Name of the G.P.	Financial Institutions	K.C.C	J.L.G. [ Group ]	Krishi Pension
					<b>Total Block</b>
1.	Salkumar – I	C.B.I. Salkumar	103	100	<b>510 nos.</b>
2.	Salkumar – II				
3.	P/kathalbari	C.B.I., Kathalbari	60	26	
4.	Patlakhawa	U.B.I. , Apd.	07	119	
5.	Chakowakheti	U.B.K.G.B. Baburhat	118	99	
6.	Mathura	U.B.K.G.B. , Apd.	19	15	
7.	Tapshikhata	C.B.I. , Apd.	21	01	
8.	Pararpar	S.B.I. , Apd.	22	NIL	
9.	Banchukamari				
10.	Vivekananda – I	U.C.O. Bank Damanpur	58	NIL	
11.	Vivekananda - II				

**Drinking Water Sources.**

Name of the G.P.	Tube well		Well	PHD Stand
	Functional	Defunct		
Salkumar-I	894	19	7	
Salkumar-II	16	22	8	
P/Kathalbari	27	13	--	21
Patlakhawa	15	14	--	16
Chakowakheti	42	23	351	30
Mathura	12	5	75	
Tapshikhata	28	18	11	
Pararpar	34	18	13	
Banchukamari	42	13	--	
Vivekananda-I	182	19	--	32
Vivekananda-II	1271	14	17	
Total: -	310	178	482	99

**River & Creeks:**

Sl. No.	Name of the River/Creek	Name of the Place	Danger Level
1	Kaljani	D/ PatkaparaU/ Patkapara,	MODERATE



		Birpara, U/ Chakowakhati	
2	Nonai	Bholardabri , Chachakhata	NORMAL
3	Sil Torsa	Suripara, Sidabari, Sirubari, Silbari hat.	MODERATE
4	Dima	Ghagra	NORMAL
5	Choto Dima	Bairiguri	NORMAL
6	Dodeya	Pashim Jitpur	NORMAL
7	Garam	Bairiguri, Ghagra	NORMAL
8	Poru	Foskadanga	NORMAL
9	Mara Torsa		NORMAL
10	Ghargharia	Gharghariahat	NORMAL
11	Chapatali Jhora	Chapatali	NORMAL

List of Embankments:

Sl. No.	Name of the Embankments	Type of Embankments
1	APD T.P	Flood Protection
2	Ghagra, (Garam & Kaljani)	
3	Chapatali, (Kaljani)	
4	Banchukamari (Garam)	
5	Kawarghat (kaljani)	Bank erosion
6	Jitpur (Dima)	Flood Protection
7	Bairiguri (Garam)	

River Carrying Capacity:

Name of the River	Gauge Station	Sero Level (in Mtrs.)	Danger Level (in Mtrs.)
Kaljani	Alipurduar	42	45.40
Sil Torsha			

Minor Irrigation Projects :

Sl.No.	Particulars	Numbers
1	R.L.I at 1. Salkumarhat, 2. Purbakathalbari, 3. Bairiguri, 4. Bholardabri, 5. Uttar Kamsinggram.	8 Nos.

Irrigation Facilities and Source :

Name of the Gram Panchayat	Ponds	Dug Wells	LI points	Drift/Shallow T.W.	River	Creeks	Canal
Chakowakhati	270		150	2136	659		143
Patlakhawa	270			1			
Tapshikhata	270		150		350		
Salkumar – I	270	130	30		30		
Banchukamari	270	6	70	99	15		20
Salkumar – II	270		10	30			
Vivekananda – I	270	1					
Vivekananda – II	270		34	41	367		30

Infrastructure (Nos. AND/OR distance in Kms.)

Sl. No	Name of the G.P.	PDS.Out lests	Post Office	Police station/Outpost	Pucca buildings	CHC Common Health Centre	PHC Primary health centre	Dispensary	Cyclone / Flood Shelter	Educational Institutions				Livestock centers	Cottage industries	Industries	Godown
										Primary	Secondary	H.S.	College				
1	Salkumar-I	06	1	1					3	8	--	1					
2	Salkumar-II	05	1						2	10	3	1					
3	P/Kathalbari	06	1	1					5	16	2	2					
4	Patlakhawa	03	1		45		47		3	8	2	--	1	25	8		
5	Chakowakheti	06	1	1	100	4	1	14	3	26	3	2		9	8	3	
6	Mathura	02	1		100				2	5	1	--		1	3	1	
7	Tapshikhata	07	1						4	15	1	--		3			
8	Pararpar	04	1		298				3	15	1	1	1	10	9	3	
9	Banchukamari	08	1	1					3	18	1	1					
10	Vivekananda-I	06	1		2000	2		15	2	8	2	1					
11	Vivekananda-II	05	1		1091	8		15	2	12	2	2		1		1	

Financial Institutions :

Sl.No.	Name of the Institution	Address	Telephone Number
1	Ghagra SKUS	Ghagra	
2	SKUS & Post Office	Bholardabri	

Communication Facilities :

Sl.No.	Name of the G.P.	Telecommunication (Y/N)	No. of Boats	No. of Bus	No. of Truck	No. of Tractor	No. of Jeeps	No. of Two Wheelers
1	Salkumar-I	Y		2	1	2	2	11
2	Salkumar-II	Y		2	1	3	3	10
3	P/Kathalbari	Y	3	2	3	3	1	15
4	Patlakhowa	Y	3	1	1	2	2	7
5	Chakowakheta	Y	1	2	1	4	3	8
6	Mathura	Y		3	1	2	5	20
7	Tapshikhata	Y	2	1	2	1	3	4
8	Pararpar	Y	1	1	3	3	4	44
9	Banchukamari	Y	2	1	1	2	2	8
10	Vivekananda-I	Y		2	3	2	1	850
11	Vivekananda-II	Y		1	5	2	8	11

Power station and electric installation: -

Power Station : - Nil.

Sub Station : - Birpara WBSEB Sub Station

3.8 Alternative energy sources (Bio gas and Solar Energy Cells)

Type of Sources	Contact Person and Address	Phone No.	Remarks.
Bio Gas	Nil		
Generator	Bablu Roy	9749119602	available
Pump sets	Chittaranjan Roy	9775976030	available
Solar Energy Cell	Nil		

2.11 Transport and communication network

VHF station / Telecommunication links/ IMD system/ other : - Yes.

Road network: - State Highway & National Highway

Waterways: - Nil

Railways :- Apd Junction to Apd (NF Rly) (Apd Jn. – Bamanhat Section)

Internet facilities: - Yes (At B.D.O. Office)

HAM amateur radio stations: - Nil.

### 3.9 Transportation (Road and water)

Type of Vehicle	Contact person and address	Telephone Office/Res.	Remarks
Tractors	Kosam Ali, Purba Kathalbari		
Bus	N.B.S.T.C. Alipurduar	03564-255016	
Truck/Mini Truck	MAA MAHAMAYA TRUCK COMMISSION AGENT Bimal Kundu, Bablu Sarkar, Babun	9800527703 9434524066 03564-274364 9775908024	
Country boats	Abdul Rahaman p/kahalbari, Bhola paswan, Manik Barman, Krishna	8609237513, 8116063520	

## **B.** Chapter III

### Resource Inventory/ Capacity / Analysis:

Resource Type	Details	Number	Contacts/Owner's name with Telephone No.
Transportation and Communication	Tractor	30	
	Trekker	31	
	Trolley, Rickshaw	34	
	Four Wheeler	85	
	Boats	12	
	Telephone	50	
	Any other		
Containers	Tankers		
	Overhead tanks		
	Jerry eanes Big vessels		
Cleaning and Cutting Equipments	Kodi	40	
	Kudals	50	
	Sabala	80	
	Rope	10	
	Saw	11	
	Other Resources	Gen set	
Pump Set			
Petromax			
Tent house			
Gas light			

	Solar light		
	Biogas		
Temporary Shelter	Tents	300	
	Tarpaulins/Polythenes	3135	
	Bamboo	810	

Emergency Contingency Plan Alipurduar-I Block.

1	2	3	4	5	6	7	8	9	10	13	14
Sl.No.	Name of the G.P.	No. of Populations as per 2011 Census	Amount of food Materials (in KG) per day						Medicines per Week		
			Chuda (@ 200 gms./Head)	Gur(@ 50 gms./Head)	Rice(@250gms./Head)	Dal (@ 25 gms./Head)	Salt (10 gms./Head)	K.Oil (50 ml/head)	ORS in Packet/Head	Halogen Tabs.(7 tabs /Head)	Powder in KG(50 Gms./Head)
1	Salkumar-I	16058	50	2.50	65	1.50	20	100	100	200	100
2	Salkumar-II	17022	50	2.50	65	1.50	20	100	100	200	100
3	P/Kathalbari	23740	150	7.50	200	4.50	60	100	100	200	100
4	Patlakhowa	13543	50	2.50	65	1.50	20	100	100	200	100
5	Chakowakheti	27066	200	10.00	260	6.00	80	100	100	200	100
6	Mathura	103191	50	2.50	65	1.50	20	100	100	200	100
7	Tapshikhata	18456	150	7.50	200	4.50	60	100	100	200	100
8	Pararpar	21235	200	10.00	260	6.00	80	100	100	200	100
9	Banchukamari	22062	200	10.00	260	6.00	80	100	100	200	100
10	Vivekananda-I	16912	50	5.20	65	1.50	20	100	100	200	100

11	Vivekananda-II	19666	150	7.50	200	4.50	60	100	100	200	100
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Storage facilities with capacity.

Sl. No.	Type of storage structure	Location	Capacity	Contact Person	(Address and Phone no.)	Remarks
1	RG Stores	Ghagra	500 Qnt.	Dipak Ghosh	Banchukamari	
2	Matri Bhandar	Rly. Bazar	500 Qnt.	Secy. Vivekananda - I	Vivekananda - I & II	
3	Gouranga Ch. Sarkar	Mejbill	500 Qnt.	Gouranga Ch. Sarkar	P/Kathalbari	
4	M.R. Roy	Sonapur	500 Qnt.	M.R. Roy	Chakowakheti	

Public Distribution System

Name of the G.P.	No. of PDS retail centers	Name of the retailer	Contact Person & phone No.
Salkumar-I	6	1) J.C. Roy (7797828026) 2) P.L.Sharma (9593838026) 3) I.M. Sharma (9641161827) 4) Jakir Hossen Sarkar (8972037783) 5) A.C. Sarkar (9733112352) 6) N.C.Roy (9733159218)	Pradhan-9734040868
Salkumar-II	5	1)C.D. Agarwala (9734957104) 2)S. Roy (9733106207) 3)S.K. Paul (9733077457) 4)Matri Stores (9733259765) 5)Gautam Guha (9733204096)	Pradhan-9733328162
P/Kathalbari	6	1)G.C. Sarkar (9434104045) 2) P.C.Roy 3)R.N. Biswas, 4)Dutta Enterprise (9932204584) 5)K.R. Saha, 6)B. Majumdar (9733106146)	Pradhan-9932472178
Patlakhawa	3	1)Anjali Das, 2) B.K. Kundu, 3) S. Baraik	Pradhan-9434104095
Chakowakheti	6	1)S.C.Roy, 2)M.R. Roy, 3)T.K.Roy[Baburhat], 4)A.Roy, 5)T.K.Roy[Kamsing], 6) D.P. Roy	Pradhan-9733078340
		1)K. Majumdar,	Pradhan-

Mathura	2	2) D. Majumdar	9800784287
Tapshikhata	7	1)S.K. Dutta, 2)Jyotsna Sarkar, 3)Tara Maa Agency, 4) Guha Enterprise, 5)B.N. Biswas, 6) S.C. Kundu, 7)S.R. Dutta	Pradhan- 9775803251
Pararpar	4	1)S.M. Deb, 2) M. Saha, 3) P.K. Dum, 4) L.R. Saha	Pradhan- 9733074561
Banchukamari	8	1)Anjali Adhikary,2)R.N. Stores, 3)Minati Rani Ghosh, 4)M/S Ganesh Stores, 5) M/S Barman Enterprise, 6)S.K. Das, 7) T.P. Roy, 8) Mahamaya Stores	Pradhan- 9733305704
Vivekananda-I	6	D.D. Dutta [Bholardabri], D.D. Dutta(Sub-Centre[ S. Colony], 2)Gita Sarkar, 3) R. Saha, 4) Matri Bhandar, 5)Nirmal Saha Roy, 6) Sri Maa Bhandar	Pradhan- 9800713035
Vivekananda-II	5	1)Popular Stores, 2) J.N. Stores, 3) Unemployed Society, 4) N.C. Ghosh, 5)Jharna Das	Pradhan- 9832477667

PHC/PHC New.

PHC/PHC New	Name of the G.P. (Location)	Staff Available
	Salkumar-I	H.A
Munsi Para SHC	Salkumar-II	M.O. & H.A.
Palashbari	P/Kathalbari	M.O. & H.A.
	Patlakhowa	M.O. & H.A.
PHC / Panchkolguri	Chakowakheta	B.M.O.H., B.S.I., M.O. & H.A.
	Mathura	B.M.O.H., B.S.I., M.O. & H.A.
	Tapshikhata	H.A
	Pararpar	H.A
	Banchukamari	H.A
	Vivekananda-I	PHC at Jitpur
	Vivekananda-II	PHC at Jitpur

Police Stations.

Police Station	Name of the G.P. (Location)	Staff Available
Alipurduar P.S.	Salkumar-I	Salkumar Hat, 9 Nos. Staff.
	Salkumar-II	- do -
	P/Kathalbari	Palashbari Hatkhola, 5 Nos. Staff
	Patlakhowa	Sonapur Camp, 12 Nos. Staff
	Chakowakheta	- do -
	Mathura	- do -
	Tapshikhata	Alipurduar P.S.
	Pararpar	- do -
	Banchukamari	G.P. Office, Camp, 8 Nos. Staff

	Vivekananda-I	Alipurduar P.S.
	Vivekananda-II	- do -

Sub-Post Offices.

Name of the G.P	Location	No. of Staff Available
Salkumar-I	Jaldapara	2 Nos.
Salkumar-II	Kalabari, Salkumarhat, Sidhabari	2 Nos.
P/Kathalbari	Silbarihar, Jogendranagar, Kalipur	2 Nos.
Patlakhowa	Sonapur, Uttar Simlabari	2 Nos.
Chakowakheti	Sonapur, Dakshin Kansing Gram, Dakshim Chokowakheti, Panchkolguri	2 Nos.
Mathura	Mathura T.G.	2 Nos.
Tapshikhata	Tapshikhata, Uttar Patkapara, Ghargharia hat.	2 Nos.
Pararpar	Birpara	2 Nos.
Banchukamari	Banchukamari, Ghagra	2 Nos.
Vivekananda-I	Alipurduar Jn. & Bholardabri	6 Nos.
Vivekananda-II	- do -	6 Nos.

3.11 Identification of Cyclone/flood shelters (Single/Double storied) with capacity.

Sl. No.	Type of Shelter	Capacity (Room and Plinth Area)	Location	Contact Person (Address and Phone no.)	Water Facilities Available	Remarks (Single or Double)
1	Nutunpara B.F.P School	500	Nutanpara	Dhirendra Nath Roy, 9734040868	Yes	Single
2	Salkumar hat High School	500	Salkumar hat	Krishna pada Roy, 9733328162	Yes	Double
3	Permanent Flood Shelter at Palashbari	500	Palashbari	Bishnu Mohan Roy, 9733313815	Yes	Single
4	Rabindra Pry. School, Sahebpotia	300	Sahebpotia	Monoranjan Dey, 9434104095	Yes	Single
5	Sonapur B.K. High School, Saradamohan High School	500	Chakowakheti	Dhiraj Sarkar, 9733078340	Yes	Double
6	Chilapata High School	500	Chilapata	Bivision Rava, 9800784287	Yes	Single
7	Dasshin Patkapara, Uttar Patkapara, Tapshikhata	300+300	Tapshikhata	Soneka Bala Roy, 9733137922	Yes	Single
8	Vivekananda College & Pararpar BFP School	500+300	Birpara	Dhirendra Nath Das, 9933699733	Yes	Double
9	Ghagra High School, Hindi Pry. School	800	Ghagra	Daya Panna, 9733438663	Yes	Single
10	Netaji Vidyamandir	400	Vivekananda - I	Mukta Sarkar,	Yes	Single



				9800713035		
11	Permanent Flood Shelter at Ramkrishna Ashram & at Pas. Jitpur near CLRC	300+300	Pas. Jitpur	Mira Sen, 9733142502	Yes	Single

Earth moving and Road cleaning equipments.

Type of Equipment	Contact person and address	Telephone Office/Resident.	Remarks
Tractor	PWD Roads/ Apd		
Tractor	Mathura T.G.		

Industries :

Name of the G.P.	Name of the Industries	Type of Industry	Manpower employed	Infrastructure available	Investment	Production	Insured or not
Salkumar-I	Basanti Cheera Mill	Cheera Mill	4				
	Anup Roy's Cheera Mill	Cheera Mill	4				
	Swapal Pal's Cheera Mill	Cheera Mill	4				
Salkumar-II							
P/Kathalbari							
Patlakhowa							
Chakowakheti	Torsa Cold Storage	Cold storage	13				
Mathura	Mathura T.G	T.G	9000				
Tapshikhata	Patkapara T.G	T.G	1400				
Pararpar	Mahakal Cold Storage	Cold Storage	N/A				
	North Bengal Industries	Plywood industry	71				
	4 nos. of BrickField	Brick manufacturing industry	N/A				
Vivekananda-I							
Vivekananda-II	Majherdabri T.E	T.G.	1600				
	Paul Brothers	Saw Mill	6				

	Timber Industry						
	Krishna Dutta Roy Saw mill	Saw Mill	7				
Salkumar-I							
Banchukamari							

### 3.10 Traders :

Type of Traders	Contact Person and address	Telephone Office/ Res.	Remarks.
House building materials			
Groceries	Nil		
Medicine shop	Ramkrishna pharmacy	9002443849	
Tents and Tarpaulins	3135		
Hardware shop			
Rice mill			
Fuel wood			
Electrical Equipments			
Restaurants	Muskaan Dhaba	9434104095	
Farm inputs			

### Alternative energy sources (Bio gas and Solar Energy Cells)

Type of Sources	Contact Person and Address	Phone No.	Remarks.
Bio Gas	Nil		
Generator	Bablu Roy	9749119602	available
Pump sets	Chittaranjan Roy	9775976030	available
Solar Energy Cell	Nil		

### Private Professionals :

Expertise	Name	Specialty	Address	Phone Nos.	Service facilities available
Doctor	Sailesh Ch. Roy	D.H.M.S.	D/Chakowakheti	9641258029	
Health practitioner	Jagannath Roy	Alopathic	Uttar Sonapur, Chakowakheti G.P	8101614736	
Ex-Service man	Bhabesh Ray	B.S.F.	Kumarpara	9734907450	
Mechanical/civil engineer	Joydeep Mazumdar	Civil engineer	BDO office	9434145190	
VAS					
Volunteers trained in Rescue operation	Somlal Toppo	C.D. Volunteer	U/Simlabari		
Volunteers trained in operating special equipments	Mukul Barman	C.D. Volunteer	P/Kanthalbari		
Volunteers trained in first aid	Bibha Sarkar	C.D. Volunteer	Birpara		

Skilled Mechanics	Mintu Roy	Car mechanic	Birpara	9734037137	
Drivers (Road and Water ways)	Nanda Kumar Sarkar	Driver	BDO office	9734115262	

List of NGOs.

Name of NGOs and CBOs	Area of Operation	Sector	No. of members &Volunteers	Other Resources	Contact Address
KREDA	Apd - I	SHG & Sanitation			Khagrabari, Cooch behar
NEST	- do -	- do -			
DAMRI	- do -	Environment Health & Child & Women Welfare	145	15	Udayan Bitan, Surjanagar, Alipurduar Ph. No. - 03561 - 289175 (Wll)
BIRPARA SUNSHINE SOCIETY	Jalpaiguri & Coochbehar	Vocational Training & Sustainable Agriculture	25	n/a	Babupara, P.O. Alipurduar, Station Road. 9832357722
Patkapara Social Welfare Society	Alipurduar-I Alipurduar-II Kalchini	Vocational Training/Sports/ Cultural activities/Health/ Education	85	6	Vill-Patkapara- Tea Estate, P.O. Uttar-Patkapara, Via-Alipurduar 9641394343

Volunteers Profile :

Sl. No.	Name of the Village	Name of the NGO/CBO	Name of the Volunteers	No. of Volunteers Trained				
				Rescue	First Aid	Ham Radio	Relief and Co-ordination	Damage assessment
1.	U/Simlabari	G.P.	Somlal Toppo	Y	Y		Y	Y
2.	P/Kanthalbari	G.P.	Mukul Barman	Y	Y		Y	Y
3.	D/Jitpur	G.P.	Maya Biswas	Y	Y		Y	Y
4.	Chapatali	G.P.	Subrata Ghosh	Y	Y		Y	Y
5.	Birpara	G.P.	Bibha Sarkar	Y	Y		Y	Y
6.	P/Jitpur	G.P.	Abhijit Talukdhar	Y	Y		Y	Y
7.	Mathura	G.P.	Sankar Sarkar	Y	Y		Y	Y

## Chapter IV

### Risk/Hazard Analysis

#### History of Disaster

Type of Hazard	Year of Occurrence	Area affected	Impact on Life	Livelihood	Live stock	Remarks
Flood	1993	Total Block	Serious	32 Death	Plenty	Due to high rainfall in hill region we absence of flood shelter.
Earthquake	2011	Total Block	Moderate	Nil	Nil	Houses were damaged
Storm	2012	Total Block	Moderate	Nil	Nil	Houses & public buildings were damaged
Flood	2012	Total Block	Moderate	Nil	Nil	Evacuation & Rescue mission had to be organised

#### Seasonality of Hazard

Type of Hazards	Jan-Mar				April-June				July-September				Oct-December			
	H	C	A	I	H	C	A	I	H	C	A	I	H	C	A	I
Cyclone		Y		Y		Y		Y					Y	Y		Y
Flood									Y	Y	Y	Y				

H: Human, C: Crop, A: Animals, I: Infrastructure, Y:Yes.

## **CHAPTER - V**

### Risk Assessment

Type of Hazards	Time of Occurrence	Potential Impact	Vulnerable areas
Cyclone	April & May, Sept & Oct.	Not Survey	Entire area
Flood	June to September	Not Survey	Entire Area
Earthquake			Entire Area
Sunstroke	May to August		Entire Area
Fire	Any time (March / April)	Survey	Entire Area
Chemical Accidents	-----	-----	-----
Boat capsized	Aug / Sept	Survey	Entire Area

Epidemic	-----	-----	-----
Accident	-----	-----	-----
Lightening	April/May/June	Survey	Entire Area

## CHAPTER – VI

### a. Vulnerability Analysis

#### Infrastructure Vulnerability against Hazards

Vulnerability	Vulnerability against each hazard							
	Cyclone		Flood		Chemical Industry		Fire	
	Population	Area name	Population	Area name	Popula- tion	Area name	Popula- tion	Area name
Road network			206151	Entire Block				
Water Supply			206151	Entire Block				
Sewage			206151	Entire Block				
Hospital			206151	Entire Block				
Food stocks & Supplies			206151	Ghagra, Sonapur Salkumar hat, Birpara, Purbakathalbari				
Communication (System)	206151	Entire Block	206151	Entire Block				
Embankments				p/kathalbari, salkumar-I&II, chakowakheti, pararpar, Banchukamari, Tapshikhata				
Bridges			206151	Entire Block				

#### Alternate route structure (with map)

Sl.No.	Vulnerable Area	Main route	Alternate route
1.	Tapshikhata G.P	Via Nimti / N.H. Road	Via Mathura
2.	Banchukamari G.P	Via Ghagra	Via NH highway
	Other G.P's are connected by High way		

## CHAPTER VII

### 7. NOTIGATION PLAN

#### Sector wise Vulnerability Reduction Measures:

Type of Sector	Sub sector	Mitigation measures	Responsible Dept.	Time Frame
Infrastructure Development	IEC activities	Awareness camp making	Block, G.P	May-June
	Road	Repairing	P.W.D., P.S	Jan-May
	Embankment	Repairing	IGW, MGNREGS	Jan-May
	Bridges	Repairing	P.S	Jan-May
	Safe Shelters	Renovation	P.S, Z.P	Jan-May
	Drinking water and sanitation	Re-sinking & Raising	Block, P.S	Jan-Feb.
	Power			
	Technology dissemination			
Health / Animal Husbandry	IEC activities	School Campaign	BMOH	April-May
	Vaccination	Soring of ATS, AVS	BMOH	April-May
	Training	First-Aid, water-purification	BMOH	April-May
Livelihood Sector	Awareness	Awareness programme among farmers	ADO, G.P	Jan-May
	Agriculture	-----Do-----	-----Do-----	-----Do-----
	Fishery	Pond side raising	BDO(FEO)	Dec-April
	Allied activities			
	Horticulture			
Insurance	IEC activities	Awareness of Insurance	BLDO with Insurance agent	Dec-Jan
	Infrastructure	-----Do-----	-----Do-----	Dec -May
	Livelihood	-----Do-----	-----Do-----	---Do----
	Life	-----do-----	-----do-----	-----do-----

## **CHAPTER-VIII**

Crises Response Structure of the Block.

### A. Early Warning Dissemination and Response Plan

Department	Response System			
	Preparedness	Pre (after Warning)	During Disaster	Post Disaster
Block / Panchayat Samiti	Duty 1 <sup>st</sup> prepared for the quick response	Response persons are deployed	People are rescued to proper place	People are given necessary relief materials and other relief fund.
Police	----- Do-----	-----Do-----	-----Do-----	Giving right custody.
Revenue	-----Do-----	-----Do-----	-----Do-----	
Irrigation	-----Do-----	-----Do-----	-----Do-----	Taking the report of damage field and giving the required facilities.
NGO	-----Do-----	-----Do-----	-----Do----- -	Helping the Govt. officer and giving the right information about the disaster.

