

附録 4-3  
構造物調査

# **1. Project Features**

Structural Features

1. Cheghaia Khal Scheme

(1) Location: Upazila: Baniachong, Habiganj district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Submergible	2.5	4.27*	N/A	1:2.0	1:2.0

Note: \* measured

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg.-1	Cheghaia	2.8*	4.37*	N/A	1	1.52	1.82	N/A	Not function

Note: \* measured

(4) Channel/River

No.	Name	Length (km)	Top Width (m)
1	Cheghaia Khal	20	40

(5) Inlet/Outlet/Pipe Sluice

No structure

(6) Culvert

No structure

(7) Maximum Water Depth during Flood

4m (average) in 1988

2. Gangajuri FCD Sub-scheme

(1) Location:Upazila: Bahubol, Baniachong and Sadar, Habiganj district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Full	46	4.27*	N/A	1:2.0	1:2.0

Note: \* measured

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Shikarpur	14.21*	22.87*	N/A	7	1.52	1.82	N/A	Not function
Reg-2	Moktarpur	4.27*	4.27*	N/A	2	1.52	1.82	N/A	Not function
Reg-3	Goharua	14.03*	4.27*	N/A	7	1.52	1.82	N/A	Not function
Reg-4	Jitka	13.57*	4.42*	N/A	5	1.52	1.82	N/A	Not function
Reg-5	Vobanipur	2.32*	4.27*	N/A	1	1.52	1.82	N/A	Not function
Reg-6	Sialdona	9.76*	4.27*	N/A	5	1.52	1.82	N/A	Not function
Reg-7	Zaira	2.32*	4.37*	N/A	1	1.52	1.82	N/A	Not function

Note: \* measured

(4) Channel/River

No.	Name	Length (km)	Top Width (m)
1	Cheghaia Khal	4.5	40

(5) Inlet/Outlet/Pipe Sluice

Type	Number of Location	Number of Pipe	Diameter (m)
Pipe Slice	3	1	0.64
Pipe Sluice	2	1	1.02

(6) Culvert

No 2Structure

(7) Maximum Water Depth during Flood

3m (average) in 1988

3. Sukti River Embankment

(1) Location: Upazila: Ajimirigang and Baniachong, Habiganj district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Submergible	20*	N/A	N/A	N/A	N/A

Note: \* measured

(3) Regulator

No regulator

(4) Channel/River

No.	Name	Length (km)	Top Width (m)
1	Shukti	11.5	40

(5) Inlet/Outlet/Pipe Sluice

No Structure

(6) Culvert

No Structure

(7) Maximum Water Depth during Flood

4m (average) in 1988

4. Madhabpur Scheme

(1) Location: Upazila: Madhabpur, Habiganj district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Full	38	4.27*	N/A	1:2.0	1:2.0

Note: \* measured

(3) Regulator

No regulator

(4) Channel/River

No.	Name	Length (km)	Top Width (m)
1	Madhabpur Khal	38	40

(5) Inlet/Outlet/Pipe Sluice

No Structure

(6) Culvert

No Structure

(7) Maximum Water Depth during Flood

3m (average) in 1988

5. Aralia Khal Scheme

(1) Location: Upazila: Baniachong, Habiganj district

(2) Embankment

No Embankment

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Shinger	4.6*	3.6*	N/A	2	1.52	1.82	N/A	Not function
Reg-2	Shotomuk ha	3.1*	6.0*	N/A	2	1.52	1.82	N/A	Not function

Note: \* measured

(4) Channel/River

No.	Name	Length (km)	Top Width (m)
1	Aralia	2.39	30

(5) Inlet/Outlet/Pipe Sluice

No Structure

(6) Culvert

No Structure

(7) Maximum Water Depth during Flood

1.5m (average) in 1988

6. Kairdhala Ratna Scheme

(1) Location: Upazila: Ajimirigang and Baniachong, Habiganj district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Submersible	26	3.96*	N/A	1:2.0	1:2.0

Note: \* measured

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Korcha	4.4*	4.4*	N/A	2	1.52	1.82	N/A	Not function
Reg-2	Paharpur	4.4*	4.4*	N/A	2	1.52	1.82	N/A	Not function
Reg-3	Badalpur	10.67*	12.2*	N/A	5	1.52	1.82	N/A	Not function

Note: \* measured

(4) Channel/River

No.	Name	Length (km)	Top Width (m)
1	Kairdhala Khal	40	25

(5) Inlet/Outlet/Pipe Sluice

No 6Structure

(6) Culvert

No 6Structure

(7) Maximum Water Depth during Flood

1.5m (average) in 1988



7. Bashira River Re-excavation

(1) Location:Upazila: Ajimirigang and Baniachong, Habiganj district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Submergible	15	3.5*	N/A	1:2.0	1:2.0

Note: \* measured

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Matikata	6.25*	5.00*	N/A	2	1.52	1.82	N/A	Not function
Reg-2	Islampur	6.25*	4.75*	N/A	2	1.52	1.82	N/A	Not function

Note: \* measured

(4) Channel/River

No.	Name	Length (km)	Top Width (m)
1	Bashira	20	40

(5) Inlet/Outlet/Pipe Sluice

No 7Structure

(6) Culvert

No 7Structure

(7) Maximum Water Depth during Flood

3.5m (average) in 1988

8. Datta Khola & Adjoining Beel

(1) Location: Upazila: Chor Islampur & Mojlshpur, Brammanbaria district

(2) Embankment

No Embankment

(3) Regulator

No Regulator

(4) Channel/River

No.	Name	Length (km)	Top Width (m)
1	Titas	15	25
2	Loiska (Paranga)	11	20
3	Dewdina	11	30
4	Boalia	3.5	20
5	Modhyaganga	15	35
6	Baliajuri	18	40

(5) Inlet/Outlet/Pipe Sluice

No Structure

(6) Culvert

No Structure

(7) Maximum Water Depth during Flood

3.8m (average) in 1998

9. Chandal Beel Scheme

(1) Location: Upazila: Bancharampur, Brammabvaria district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Full	2.74	3.66*	N/A	1:2.0	1:2.0

Note: \* measured

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Mullukbari	4.27*	4.40*	N/A	2	1.52	1.82	N/A	Not function

Note: \* measured

(4) Channel/River

No.	Name	Length (km)	Top Width (m)
1	Mullukbari Khal	1.5	25

(5) Inlet/Outlet/Pipe Sluice

No 9 Structure

(6) Culvert

No 9 Structure

(7) Maximum Water Depth during Flood

2.75m (average) in 1988

10. Akashi & Shapla Beel Scheme

(1) Location: Upazila: Nashirnagar and Sarail, Brammabvaria district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Full	5.5	4.5*	N/A	1:2.0	1:2.0

Note: \* measured

(3) Regulator

No regulator

(4) Channel/River

No.	Name	Length (km)	Top Width (m)
1	Akashi Khal	6.5	30

(5) Inlet/Outlet/Pipe Sluice

No 10Structure

(6) Culvert

No 10Structure

(7) Maximum Water Depth during Flood

3.5m (average) in 1998

11. Satodana Beel Scheme

(1) Location: Upazila: Bancharampur, Brammabvaria district

(2) Embankment

No embankment

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Bhurburia	4.27*	4.40*	N/A	2	1.52	1.82	N/A	Not function
Reg-2	Mirpur	4.40*	4.40*	N/A	2	1.52	1.82	N/A	Not function

Note: \* measured

(4) Channel/River

No channel/river

(5) Inlet/Outlet/Pipe Sluice

No 11Structure

(6) Culvert

No 11Structure

(7) Maximum Water Depth during Flood

3.5m (average) in 1988

12. Singer Beel Scheme

(1) Location: Upazila: Sadar, Netrakona district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Submergible	3.5	3.0*	N/A	1:2.0	1:2.0
Full	13.15	3.6*	N/A	1:2.0	1:2.0

Note: \* measured

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Dashdhara	5	4.5	N/A	1	1.52	1.82	N/A	Function
Reg-2	Tumnir	6.5	6	N/A	3	1.52	1.82	N/A	Function
Reg-3	Kamalpur	6.5	6	N/A	3	1.52	1.82	N/A	Function
Reg-4	Putukia	5	4.5	N/A	1	1.52	1.82	N/A	Function

(4) Channel/River

No.	Name	Length (km)	Top Width (m)
1	Tumnir Khal	2.5	20
2	Kamalpur Khal	3.0	18

(5) Inlet/Outlet/Pipe Sluice

Type	Number of Location	Width (m)	Height(m)
Inlet	2	1.5	1.8

(6) Culvert

Type	Number of Location	Number of Pipe	Diameter(m)
Pipe Culvert	2	1	0.3

(7) Maximum Water Depth during Flood

2.8m (average) in 1988

13. Takurakona Sub-project

(1) Location: Upazila: Sadar, Netrakona district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Full	13.15	4.27*	N/A	1:2.0	1:2.0

Note: \* measured

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Thakurakona	6.5	6.0	N/A	3	1.52	1.82	N/A	Function
Reg-2	Betati	6.0	5.5	N/A	2	1.52	1.82	N/A	Not function
Reg-3	Krisnapur	6.5	6.0	N/A	3	1.52	1.82	N/A	Function

(4) Channel/River

No.	Name	Length (km)	Top Width (m)
1	Betati Khal	4.0	18.5
2	Krisnapur Khal	2.5	17

(5) Inlet/Outlet/Pipe Sluice

No Structure

(6) Culvert

No Structure

(7) Maximum Water Depth during Flood

2.9m (average) in 1988

14. Kangsha River Scheme

(1) Location: Upazila: Purbodhola and Sadar, Netrakona district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Full	20	4.27	12.20 to 10.90	1:3.0	1:2.0

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Saldigha	11.0	8.0	N/A	4	1.52	1.82	N/A	Not function
Reg-2	Jhamdia	6.5	6.0	N/A	3	1.52	1.82	N/A	Not function
Reg-3	Kurikonja	6.5	6.0	N/A	3	1.52	1.82	N/A	Not function
Reg-4	Borari	6.5	6.0	N/A	3	1.52	1.82	N/A	Not function
Reg-5	Digjan	5.0	4.5	N/A	1	1.52	1.82	N/A	Not function
Reg-6	Raju bazar	5.0	4.5	N/A	1	1.52	1.82	N/A	Not function
Reg-7	Putukia	5.0	4.5	N/A	1	1.52	1.82	N/A	Not function

(4) Channel/River

No Channel/River

(5) Inlet/Outlet/Pipe Sluice

No structure

(6) Culvert

Type	Number of Location	Number of Pipe	Diameter (m)
Pipe Culvert	3	1	0.3

(7) Maximum Water Depth during Flood

3m (average) in 1988



15. Dampara Water Management

(1) Location: Upazila: Purbodhola, Netrakona district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Submergible	27	2.44	10.14 to 11.80	1:2.0	1:3.0
Full	20	4.27	12.20 to 13.14	1:3.0	1:2.0

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Chorervita	25.0	16.0	N/A	10	1.52	1.82	N/A	Function
Reg-2	Khatuary	13.0	7.5	N/A	5	1.52	1.82	N/A	Not function

(4) Channel/River

No.	Name	Length (km)	Top Width (m)
1	Motiara Khal	5.0*	16*
2	Kalihor Khal	12.0*	15*

Note: \* measured

(5) Inlet/Outlet/Pipe Sluice

Type	Number of Location	Number of Pipe	Diameter (m)	Remark
Inlet	1	2	0.30	
Inlet	24	1	0.30	4nos. Not Function
Inlet	1	1	0.60	
Type	Number of Location	Width (m)	Height (m)	
Inlet	1	1.5	1.8	

(6) Culvert

Type	Number of Location	Number of Pipe	Diameter (m)	Remark
Pipe Culvert	20	1	0.30	2nos. Not function

(7) Maximum Water Depth during Flood

3.15m (average) in 1988

16. Someswari River Sub-scheme

(1) Location: Upazila: Durgapur, Netrakona district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Full	6	4.27*	N/A	1:3.0	1:2.0

Note: \* measured

(3) Regulator

No regulator

(4) Channel/River

No Channel/River

(5) Inlet/Outlet/Pipe Sluice

(6) Culvert

Type	Number of Location	Width (m)	Height (m)	Remark
Box Culvert	1	0.90	0.45	
Box Culvert	1	0.45	0.90	

(7) Maximum Water Depth during Flood

3.20m (average) in 1988

17 Khaliajuri FCD Polder #2

(1) Location: Upazila: Khaliajuri, Netrakona district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Submersible	52.1	2.96*	N/A	1:2.0	1:3.0

Note: \* measured

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Sanrinagar	5.0	4.5	N/A	1	1.52	1.82	N/A	Function
Reg-2	Nayari	6.5	6.0	N/A	3	1.52	1.82	N/A	Not function
Reg-3	Koller	5.0	4.5	N/A	4	1.52	1.82	N/A	Not function
Reg-4	Ranichapur	11.0	8.0	N/A	4	1.52	1.82	N/A	Under Const.
Reg-5	Bagain	11.0	8.0	N/A	4	1.52	1.82	N/A	Under Const.
Reg-6	Bolli	5.0	4.5	N/A	1	1.52	1.82	N/A	Function
Reg-7	Uporchaitar	5.0	4.5	N/A	1	1.52	1.82	N/A	Not function
Reg-8	Namachaitar	5.0	4.5	N/A	1	1.52	1.82	N/A	Not function
Reg-9	Mujibangar	6.0	5.5	N/A	2	1.52	1.82	N/A	Function
Reg-10	Batani	6.0	5.5	N/A	2	1.52	1.82	N/A	Function

(4) Channel/River

No Channel/River

(5) Inlet/Outlet/Pipe Sluice

Type	Number of Location	Number of Pipe	Diameter (m)	Remark
Inlet	4	1	0.75	4nos. Not Function

(6) Culvert

Type	Number of Location	Width (m)	Height (m)	Remark
Box Culvert	2	0.60	0.60	

(7) Maximum Water Depth during Flood

3.5m (average) in 1988

18 Khaliajuri FCD Polder #4

(1) Location: Upazila: Khaliajuri, Netrakona district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Submergible	47.0	2.96*	N/A	1:2.0	1:3.0

Note: \* measured

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Jalukhali	6.5	6.0	N/A	3	1.52	1.82	N/A	Under Const.
Reg-2	Putia	11.0	8.0	N/A	4	1.52	1.82	N/A	Under Const.
Reg-3	Kumaria	5.0	4.5	N/A	1	1.52	1.82	N/A	Not function
Reg.-4	Cadaria 1	5.0	4.5	N/A	1	1.52	1.82	N/A	Not function
Reg.-5	Cadaria 2	5.0	4.5	N/A	1	1.52	1.82	N/A	Not function

(4) Channel/River

No Channel/River

(5) Inlet/Outlet/Pipe Sluice

Type	Number of Location	Number of Pipe	Diameter (m)	Remark
Inlet	5	1	0.45	5nos. Not Function

(6) Culvert

Type	Number of Location	Width (m)	Height (m)	Remark
Box Culvert	4	0.60	0.60	1 no. Not Function
Box Culvert	1	0.45	0.90	Function
Type	Number of Location	Number of Pipe	Diameter (m)	
Pipe Culvert	1	1	0.3	1 no. Not Function

(7) Causeway 2 location

(8) Maximum Water Depth during Flood

3.7m (average) in 1988

19 Mohadao Nadi Embakment

(1) Location:Upazila: Kamlakanda, Netrakona district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Submergible	3.0	2.44*	N/A	1:2.0	1:2.0
Full	7.5	3.00*	N/A	1:3.0	1:2.0

Note: \* measured

(3) Regulator

No regulator

(4) Channel/River

No Channel/River

(5) Inlet/Outlet/Pipe Sluice

No Structuer

(6) Culvert

Type	Number of Location	Width (m)	Height (m)	Remark
Box Culvert	3	1.20	0.60	2 nos. Not Function

(7) Maximum Water Depth during Flood

2.75 m (average) in 1988

20 Sunamganj Town Protection Project

(1) Location: Upazila: Sadar, Sunamganj district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Full	1.6	2.00*	N/A	1:3.0	1:2.0

Note: \* measured

(3) Regulator

No regulator

(4) Channel/River

No Channel/River

(5) Inlet/Outlet/Pipe Sluice

No Structure

(6) Culvert

No Structure

(7) Maximum Water Depth during Flood

2.40 m (average) in 1988

21 Sukhaijuri Bathai Sub-project

(1) Location: Upazila: Nandail, Mymenshingh district

Upazila: Tarail, Kishoreganj district

Upazila: Kendua, Netrakona district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Full	20.85	3.00*	N/A	1:2.0	1:2.0

Note: \* measured

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Kaliganj Bazar	N/A	N/A	N/A	1	1.52	1.82	N/A	Not Function
Reg-2	Chikni	N/A	N/A	N/A	6	1.52	1.82	N/A	Not Function

(4) Channel/River

No Channel/River

(5) Inlet/Outlet/Pipe Sluice

Type	Number of Location	Number of Pipe	Diameter (m)	Remark
Pipe Sluice	3	1	0.9	

(6) Culvert

No structure

(7) Maximum Water Depth during Flood

2.75m (average) in 1988

22. Gazaria Beel Sub-project

(1) Location: Upazila: Karimganj and Tarail, Kishoreganj district

(2) Embankment

No Embankment

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Gabba	8.0	3.0	N/A	1	1.52	1.82	N/A	Not function
Reg-2	Gazaria	N/A	N/A	N/A	2	1.52	1.82	N/A	Function

(4) Channel/River

No.	Name	Length (km)	Top Width (m)
1	Gazaria Khal	6.215	13.0
2	Kalihor Khal	2.66	9.5

Note: \* measured

(5) Inlet/Outlet/Pipe Sluice

Type	Number of Location	Number of Pipe	Diameter (m)	Remark
Pipe Sluice	3	1	0.90	

(6) Culvert

No Structure

(7) Maximum Water Depth during Flood

2.75m (average) in 1988



23 Boraikhali Khal Sub-project

(1) Location: Upazila: Nandail, Mymenshingh district

Upazila: Hosenpur and Sadar, Kishoreganj district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Full	5.3	3.00*	N/A	1:2.0	1:2.0

Note: \* measured

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Brahman kachuri	N/A	N/A	N/A	6	1.52	1.82	N/A	Not Function
Reg-2	Chikni	N/A	N/A	N/A	6	1.52	1.82	N/A	Not Function

(4) Channel/River

No.	Name	Length (km)	Top Width (m)
1	Boraikhali Channel	24.5	20

(5) Inlet/Outlet/Pipe Sluice

Type	Number of Location	Number of Pipe	Diameter (m)	Remark
Pipe Sluice	2	1	0.9	

(6) Culvert

No structure

(7) Maximum Water Depth during Flood

2. 50m (average) in 1988

24. Char Ferradee-Jangalia Sub-Project

(1) Location: Upazila: Hosenpur and Pakundia, Kishoreganj district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Full	11.6	4.27*	N/A	1:2.0	1:3.0

Note: \* measured

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Char Kushsha	N/A	N/A	N/A	5	1.52	1.82	10.0	Function

(4) Channel/River

No Channel

(5) Inlet/Outlet/Pipe Sluice

Type	Number of Location	Number of Pipe	Diameter (m)	Remark
Pipe Sluice	1	1	0.9	

(6) Culvert

No structure

(7) Maximum Water Depth during Flood

2. 75m (average) in 1988

25. Singua River Re-excavation Sub-Project

(1) Location: Upazila: Pakundia, Sadar and Nikli, Kishoreganj district

(2) Embankment

No Embankment

(3) Regulator

No Regulator

(4) Channel/River

No.	Name	Length (km)	Top Width (m)
1	Singua River	55	40

(5) Inlet/Outlet/Pipe Sluice

No structure

(6) Culvert

No structure

(7) Maximum Water Depth during Flood

2. 50m (average) in 1988

26. Adampur Sub-Project

(1) Location: Upazila: Katiadi, Kishoreganj district

(2) Embankment

No Embankment

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Adampur	N/A	N/A	N/A	2	1.52	1.82	10.5	Function

(4) Channel/River

No.	Name	Length (km)	Top Width (m)
1	Adampur Canal	9.4	12

(5) Inlet/Outlet/Pipe Sluice

No structure

(6) Culvert

No structure

(7) Maximum Water Depth during Flood

2. 50m (average) in 1988

27. Alalia Bahadia Sub-Project

(1) Location: Upazila: Katiadi and Pakundia, Kishoreganj district

(2) Embankment

No Embankment

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Bahadiar	N/A	N/A	N/A	2	1.52	1.82	N/A	Function

(4) Channel/River

No.	Name	Length (km)	Top Width (m)
1	Alalia Canal	5	13
2	Bahadia Canal	3	12

(5) Inlet/Outlet/Pipe Sluice

No structure

(6) Culvert

No structure

(7) Maximum Water Depth during Flood

2. 25m (average) in 1988

28. Motokhola-Bairagir Char Sub-Project

(1) Location: Upazila: Palimdia and Katiadi, Kishoreganj district

(2) Embankment

Type	Length (km)	Crest width (m)	Crest Elevation (EL.m)	Slope	
				River side	Land side
Full	10.8	3.00*	10.50	1:3.0	1:2.0

Note: \* measured

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Betal	N/A	N/A	3.65	3	1.52	1.82	9.90	Function

(4) Channel/River

No Channel/River

(5) Inlet/Outlet/Pipe Sluice

No structure

(6) Culvert

No structure

(7) Maximum Water Depth during Flood

2. 50m (average) in 1988

29. Bhairab Bazar Erosion Protection Sub-Project

(1) Location: Upazila: Bhairab, Kishoreganj district

(2) Embankment

No Embankment

(3) Regulator

No.	Name	Length (m)	Width (m)	Sill Elevation (EL. m)	Gate			Operation Deck (EL.m)	Remark
					No.	Width(m)	Height(m)		
Reg-1	Ganakkhali	N/A	N/A	N/A	2	1.52	1.82	N/A	Not function
Reg-2	Katakhali	N/A	N/A	N/A	1	1.52	1.82	N/A	Not function

(4) Channel/River

No Channel/River

(5) Inlet/Outlet/Pipe Sluice

No structure

(6) Culvert

No structure

(7) Maximum Water Depth during Flood

2. 50m (average) in 1988

30. Ganakkali Sub-Project

(1) Location: Upazila: Kuliarchar, Kishoreganj district

(2) Embankment

No Embankment

(3) Regulator

No Regulator

(4) Channel/River

No Channel/River

(5) Inlet/Outlet/Pipe Sluice

No structure

(6) Culvert

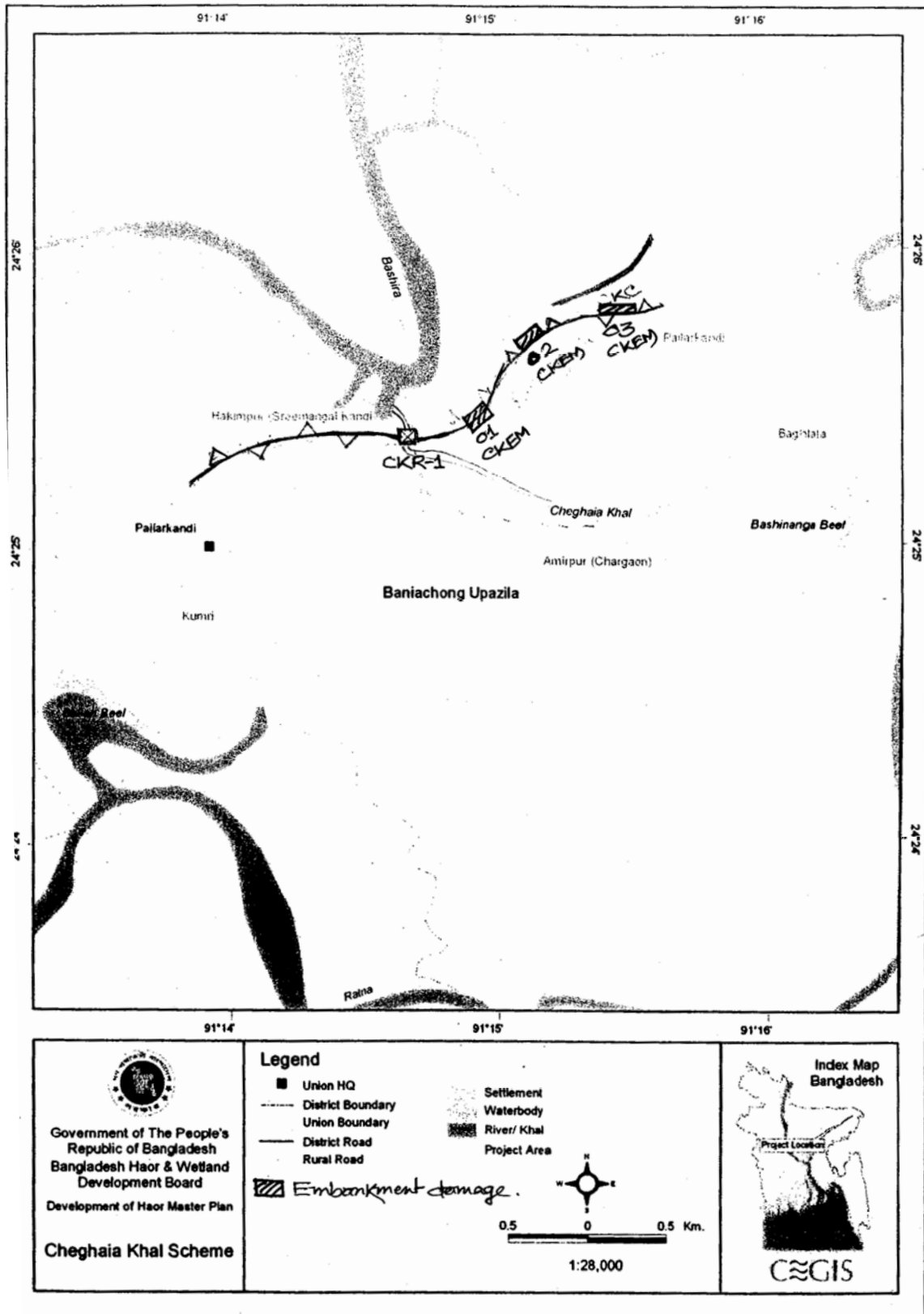
No structure

(7) Maximum Water Depth during Flood

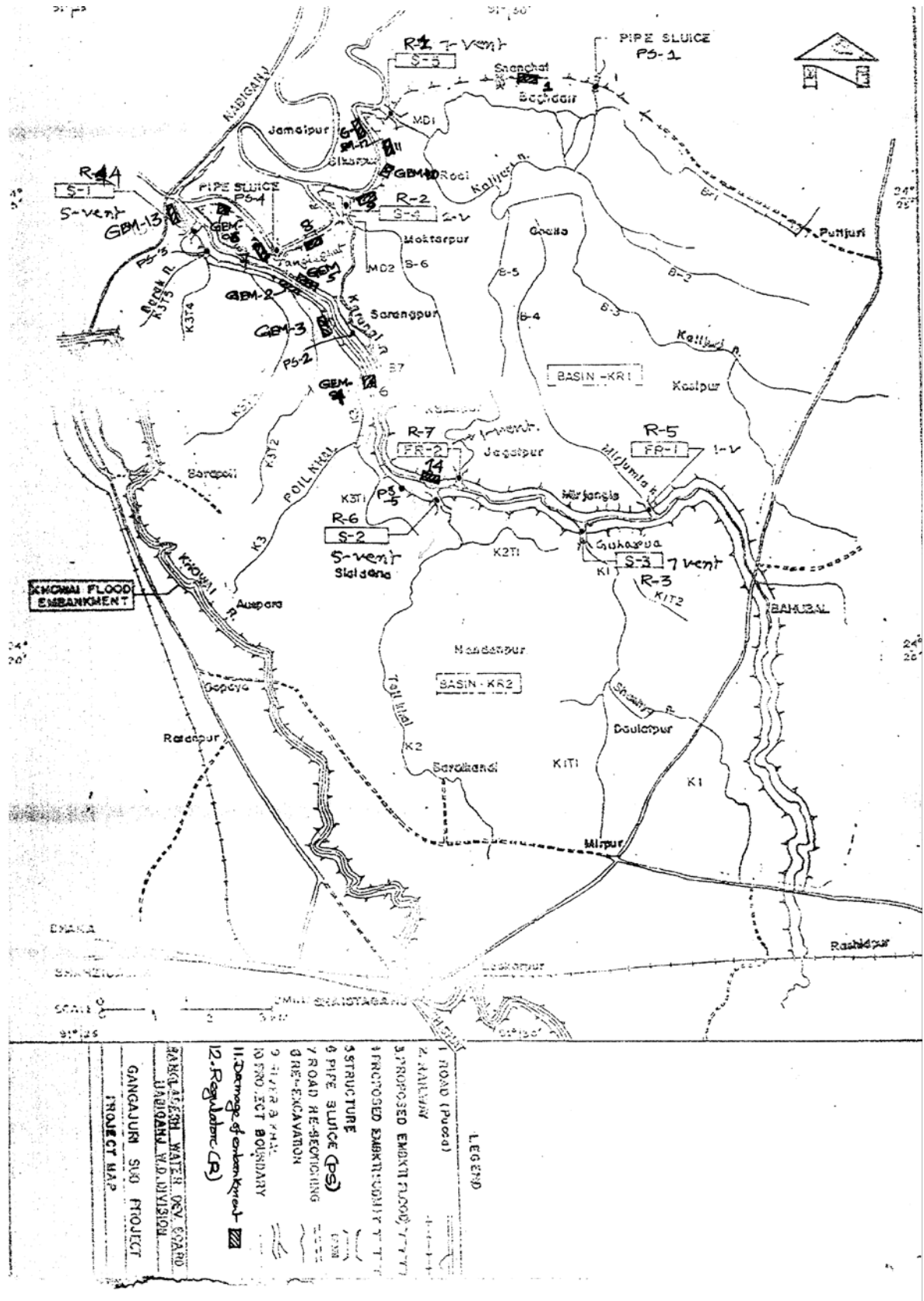
2. 75m (average) in 1988



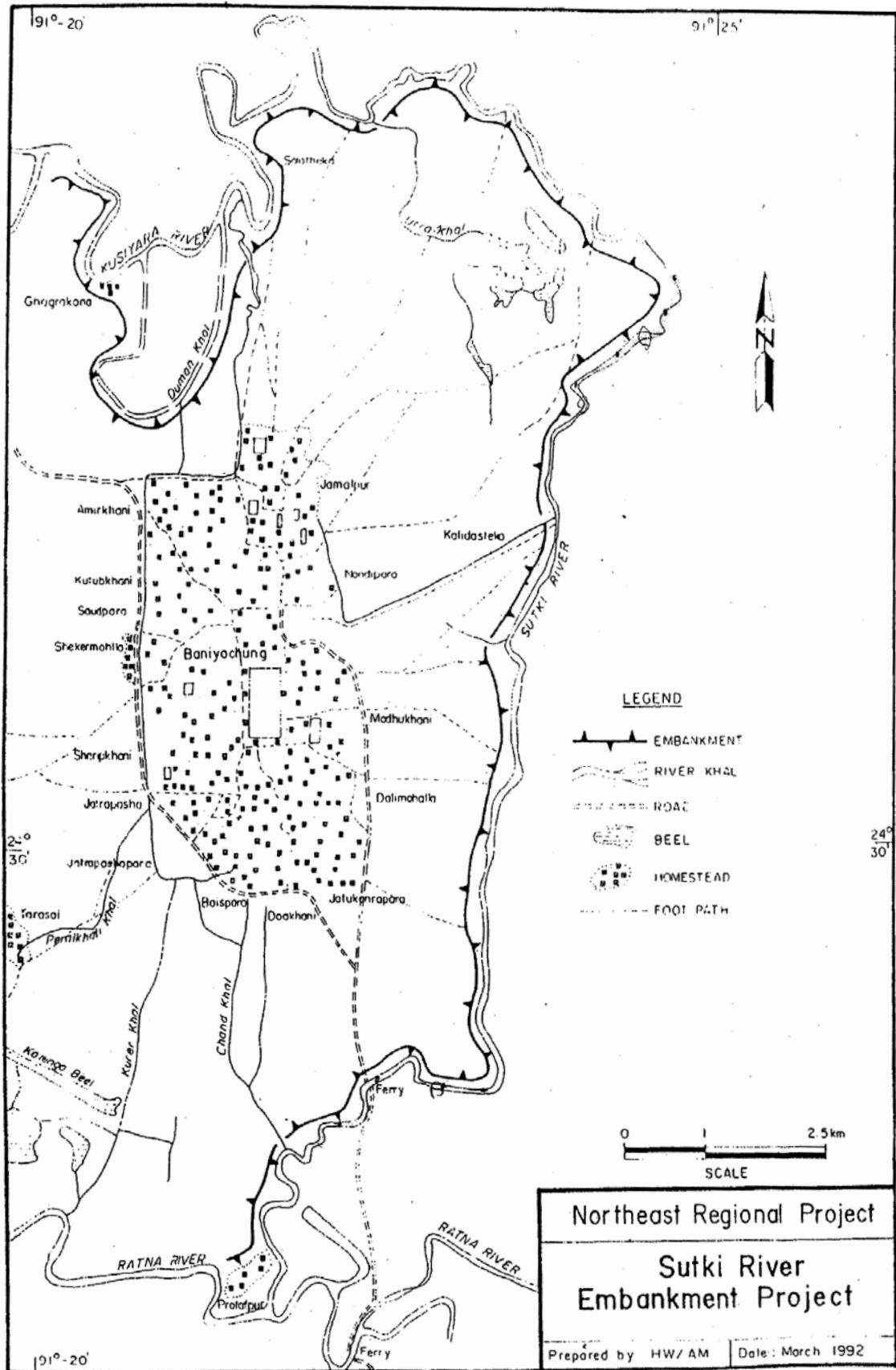
## **2. Index Map**



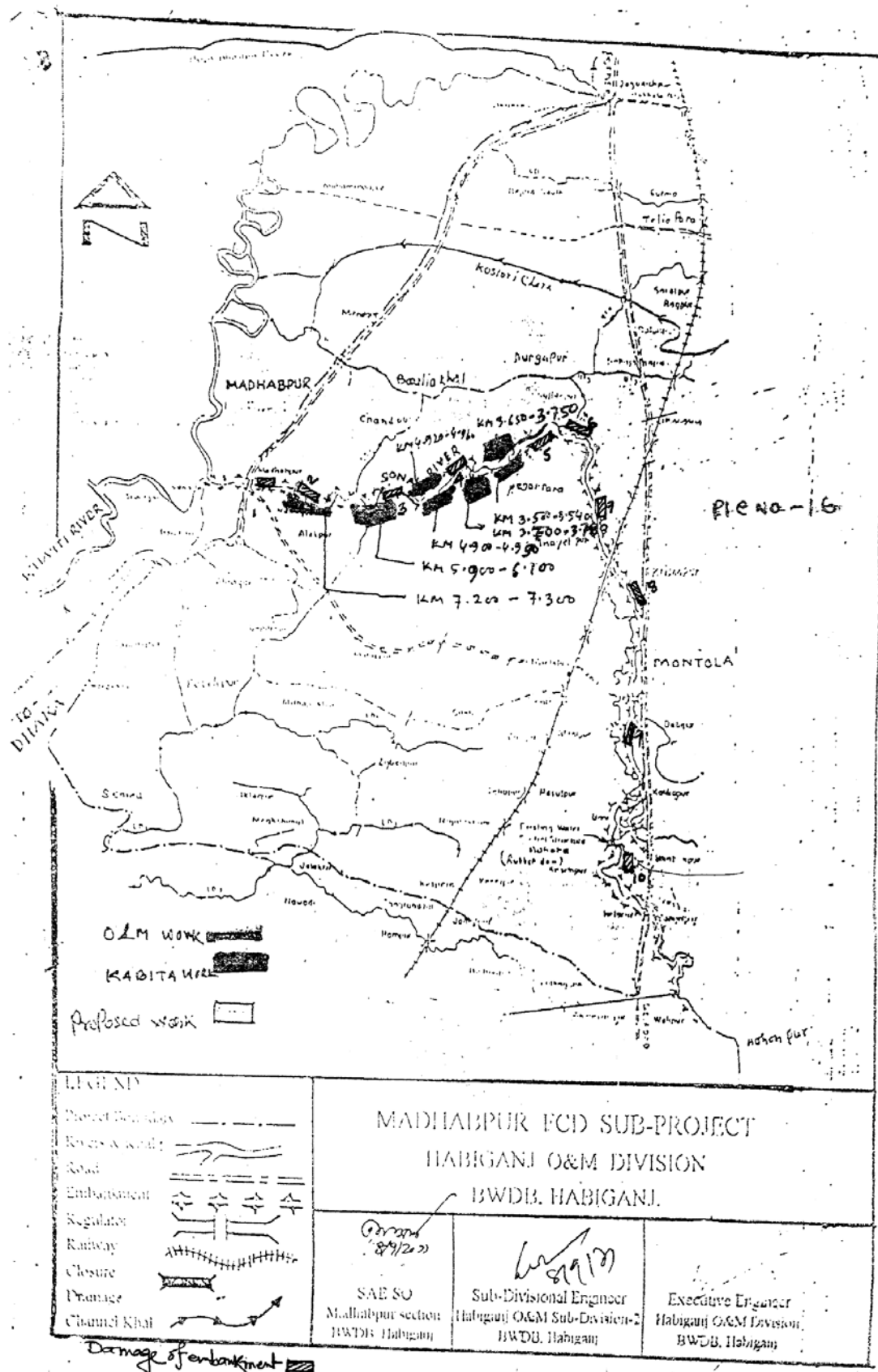
Cheghaia Khal Scheme



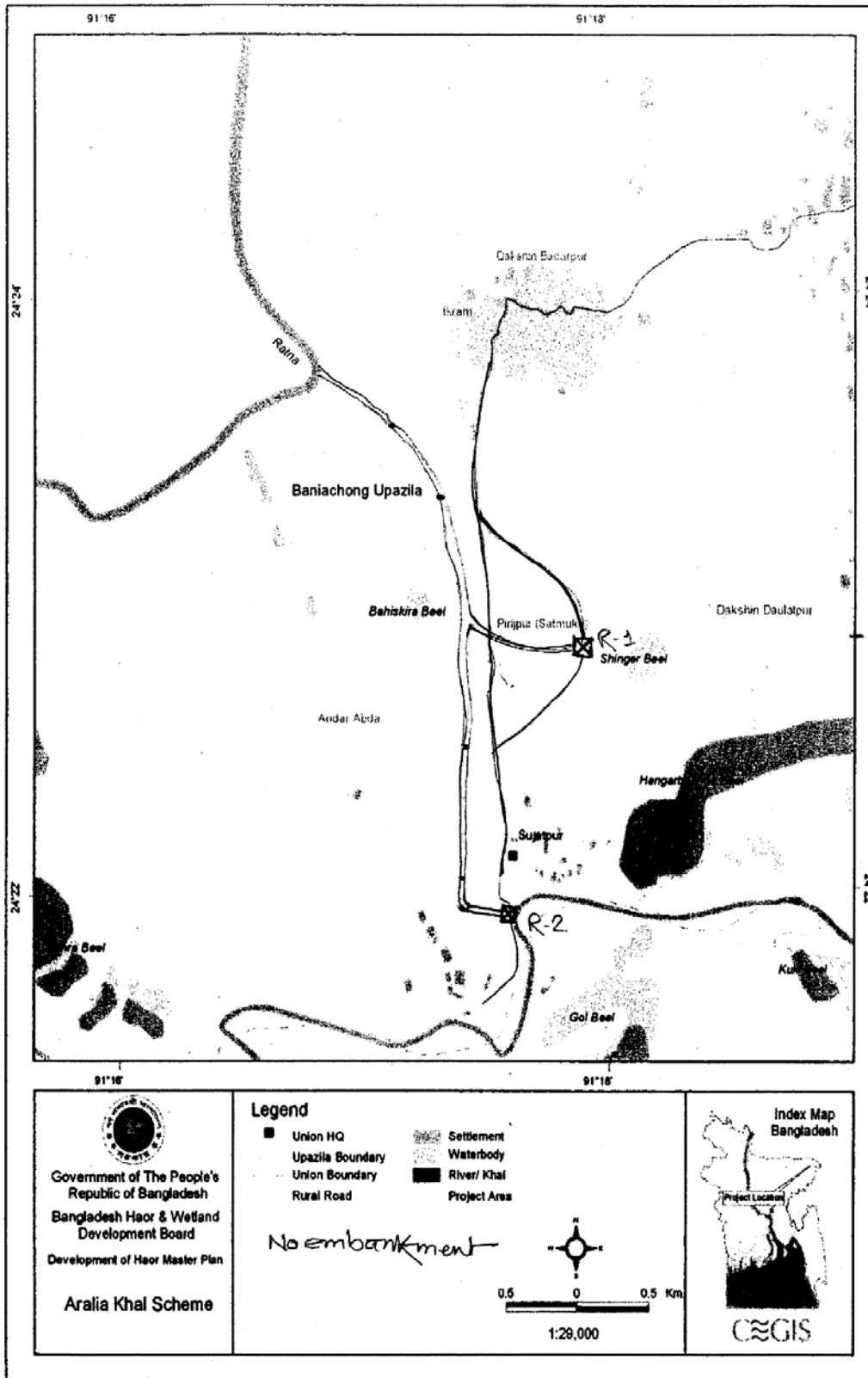
Gangajuri FCD Sub-scheme



Sutki River Embankment Project

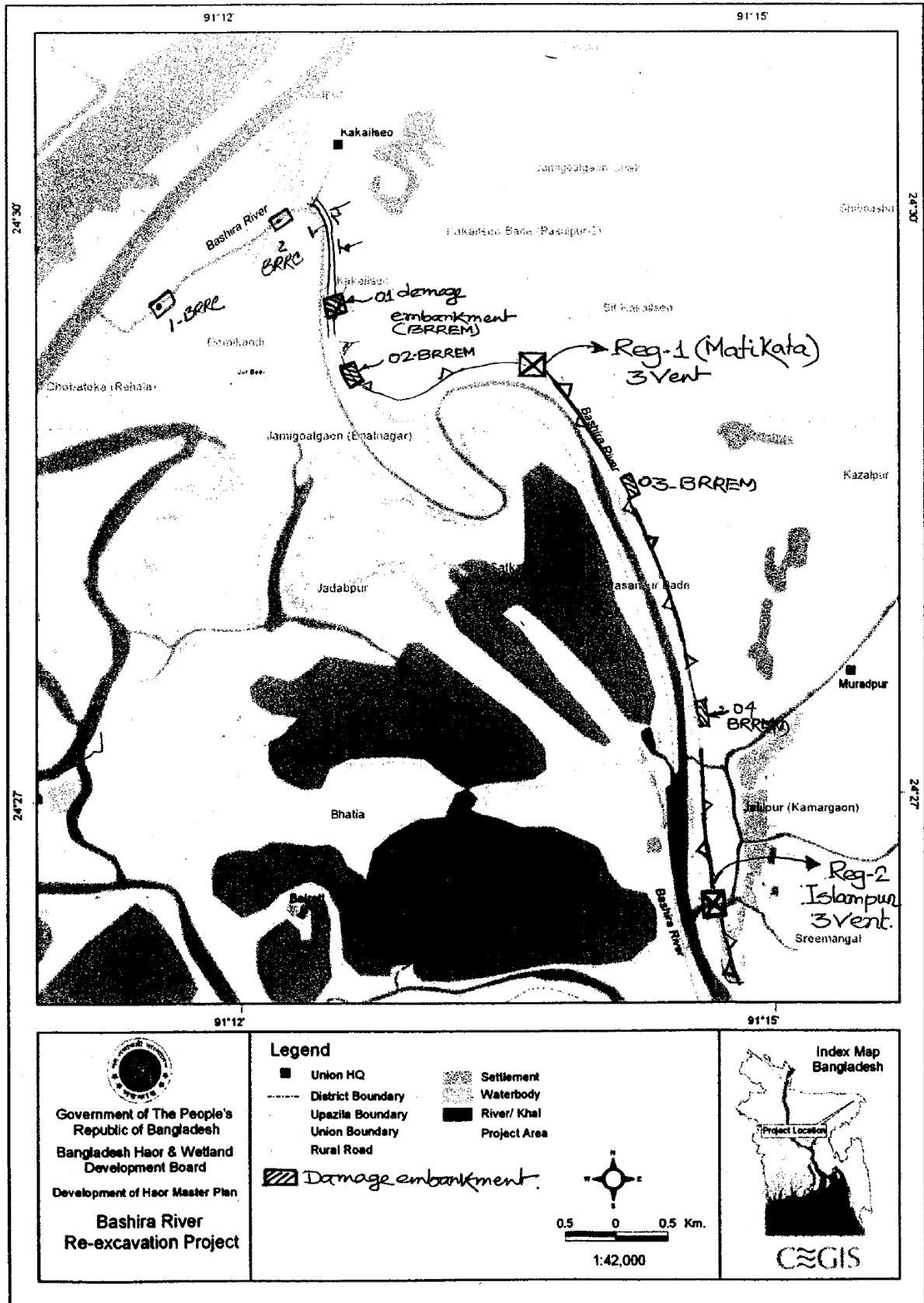


Madhampur Scheme



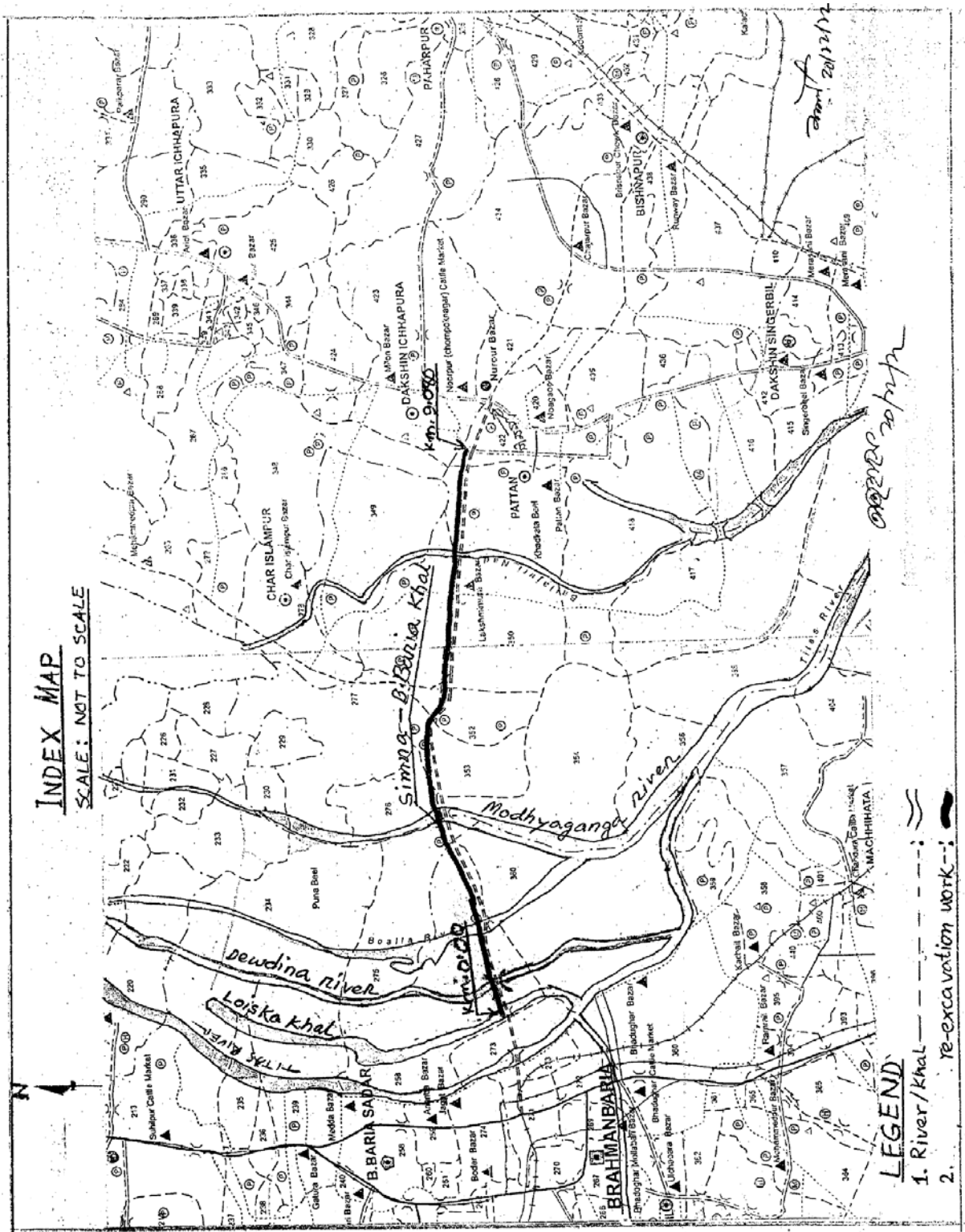
Aralia Khal Scheme



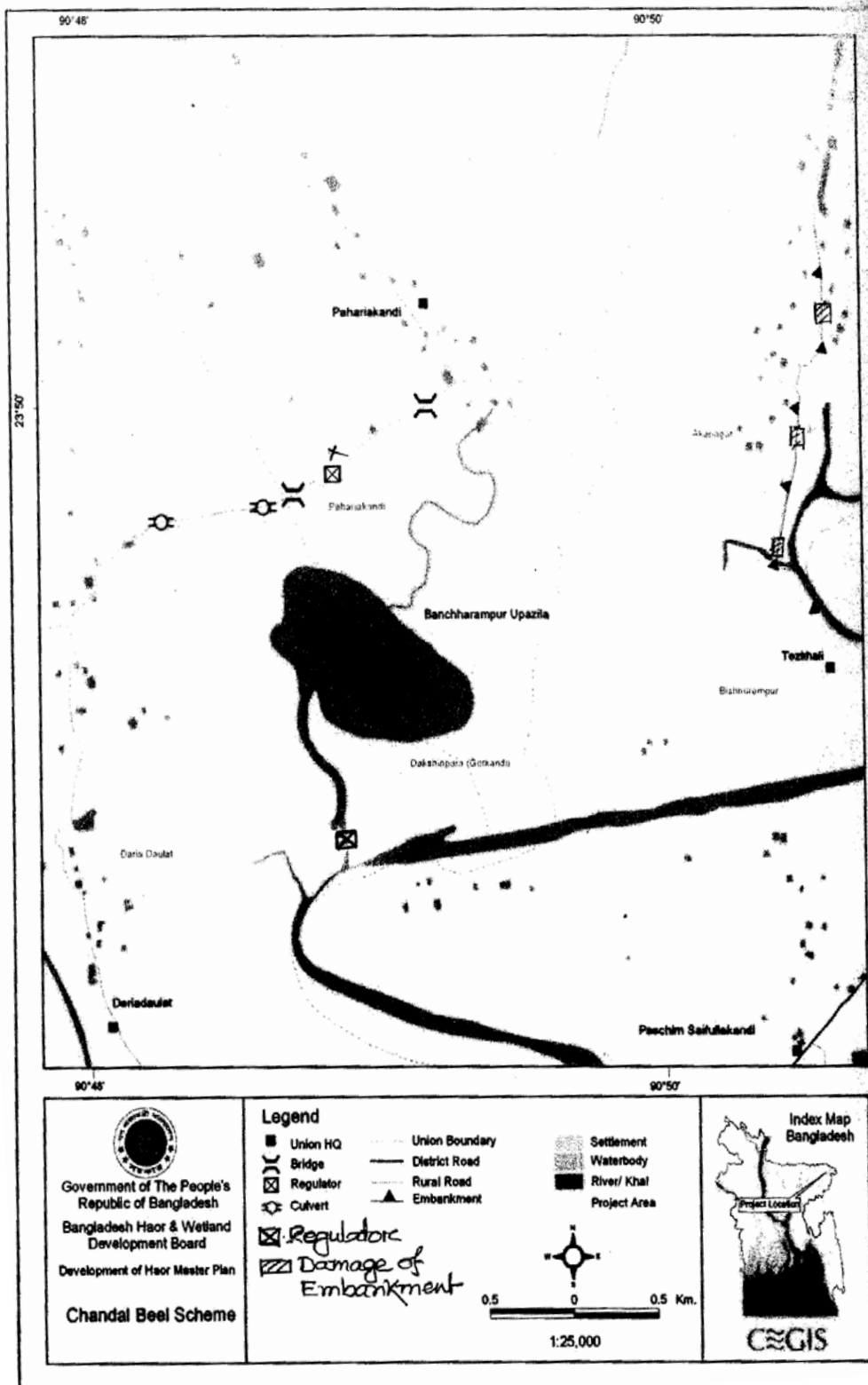


Bashira River Re-excavation Scheme

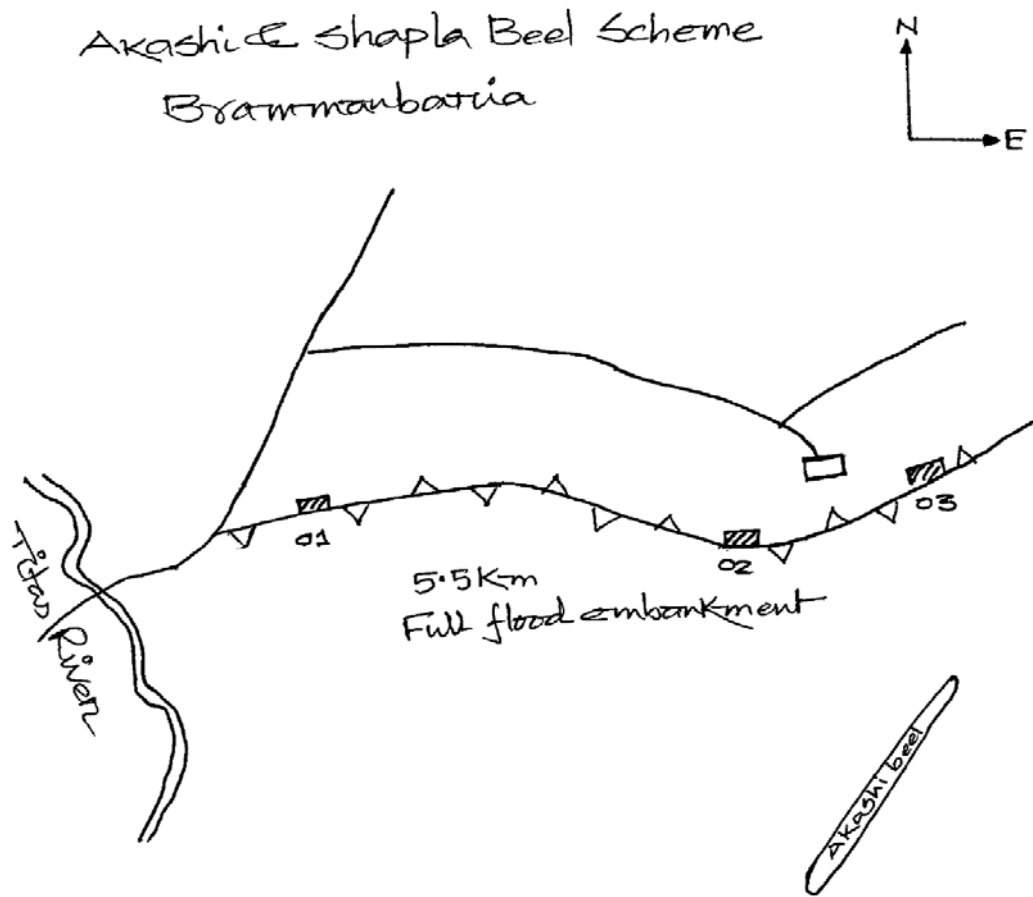




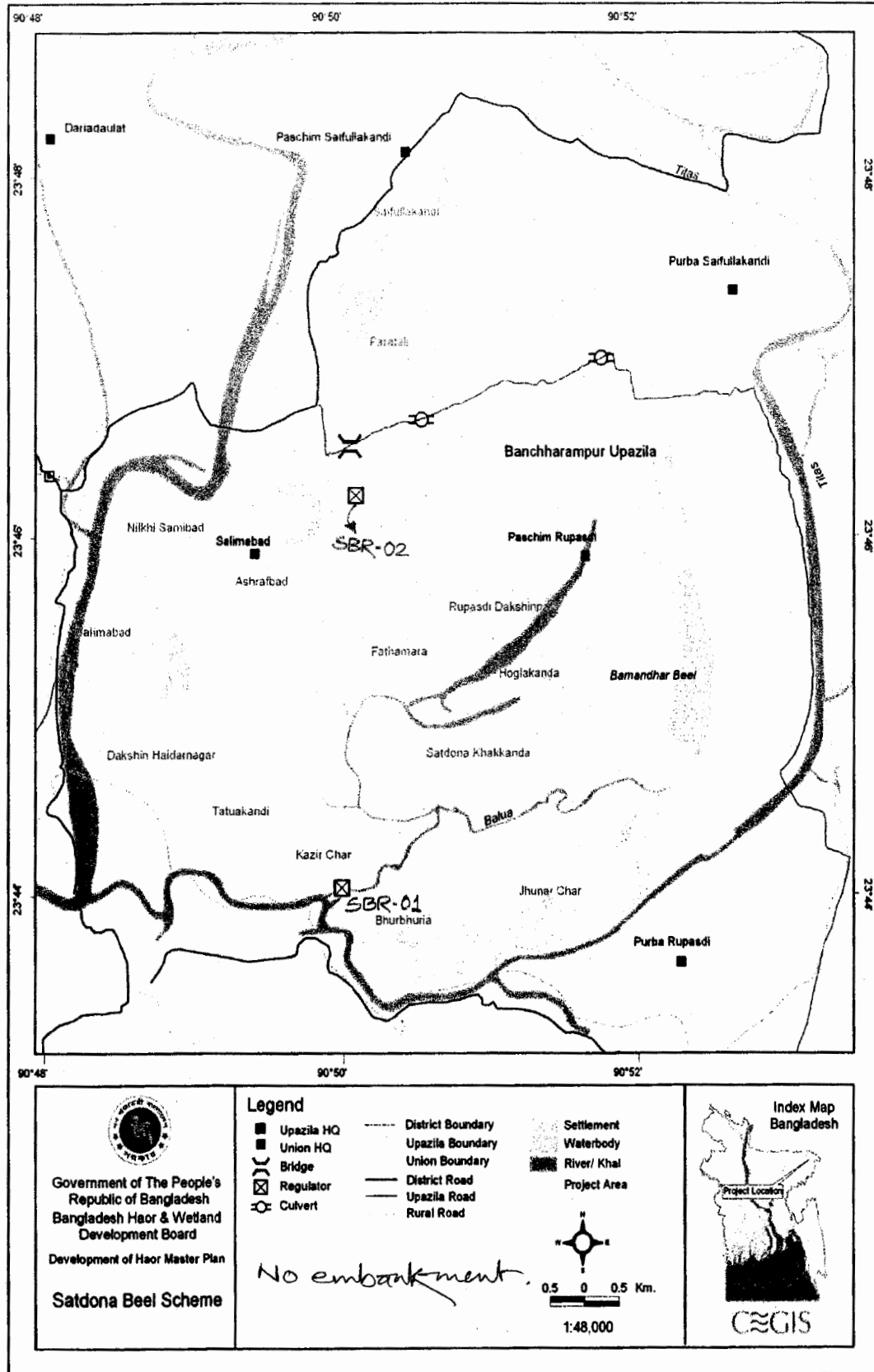
Datta Khola and Adjoining Beel Scheme



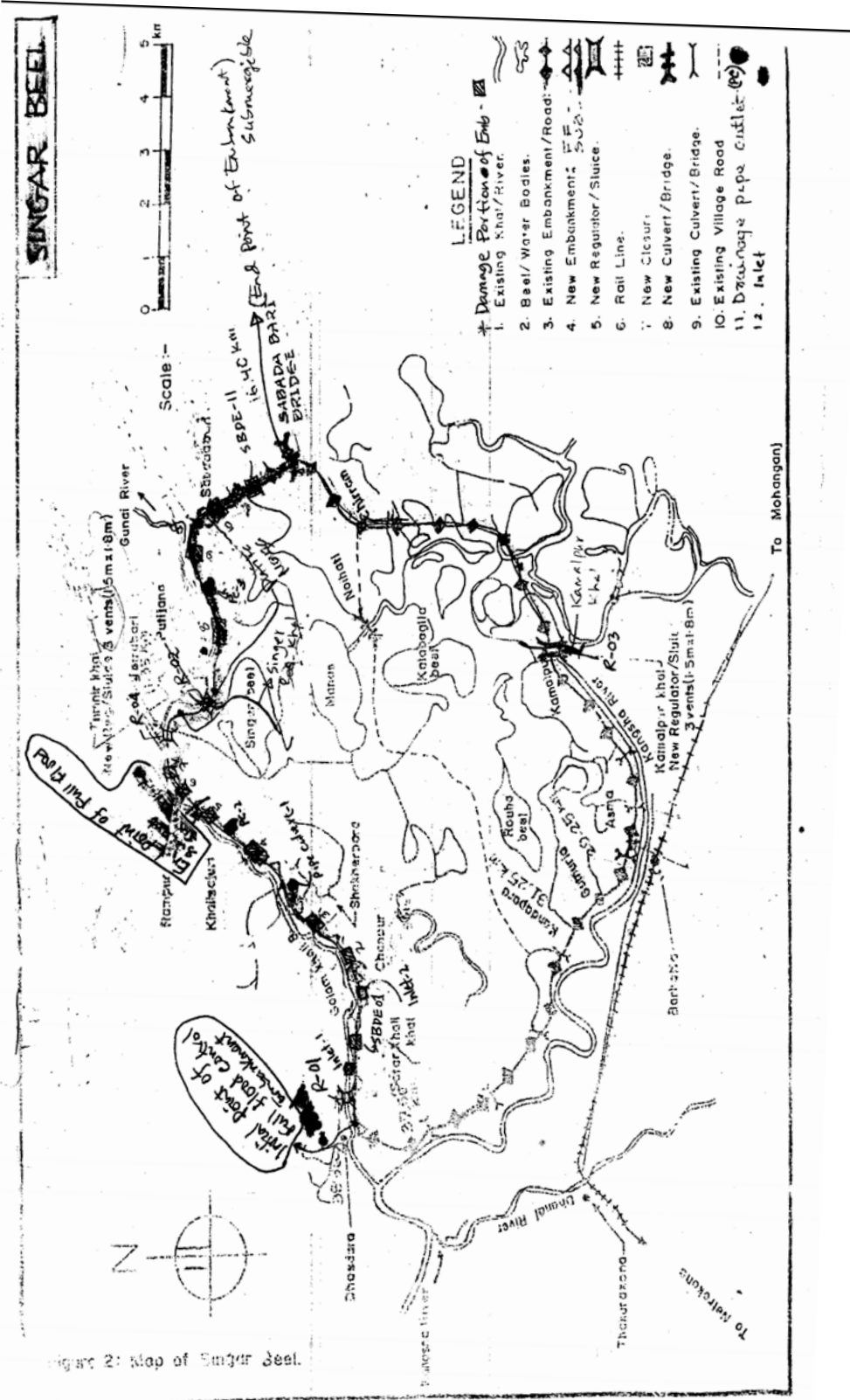
Chandal Beel Scheme



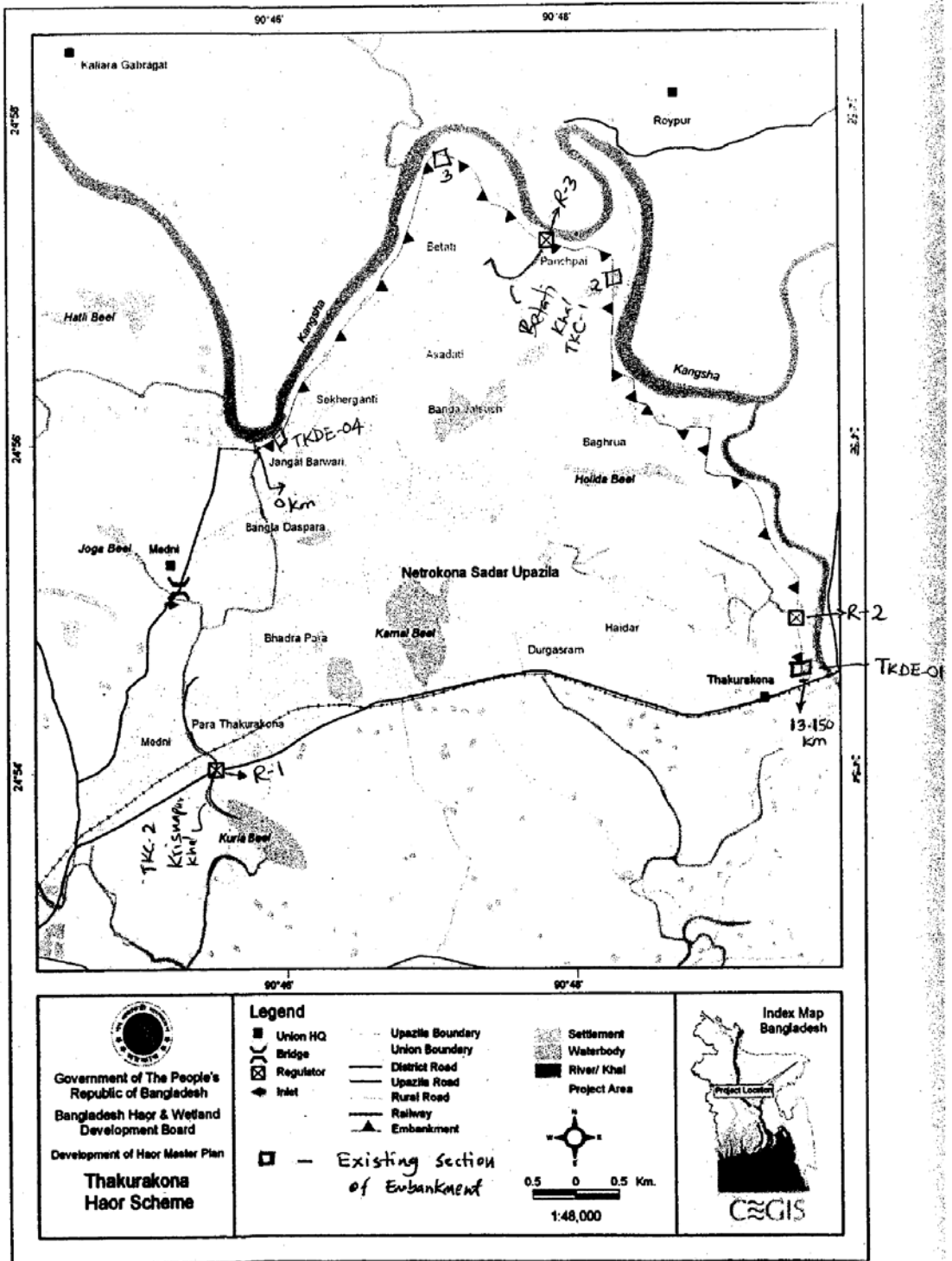
Akashi and Shapla Beel Scheme



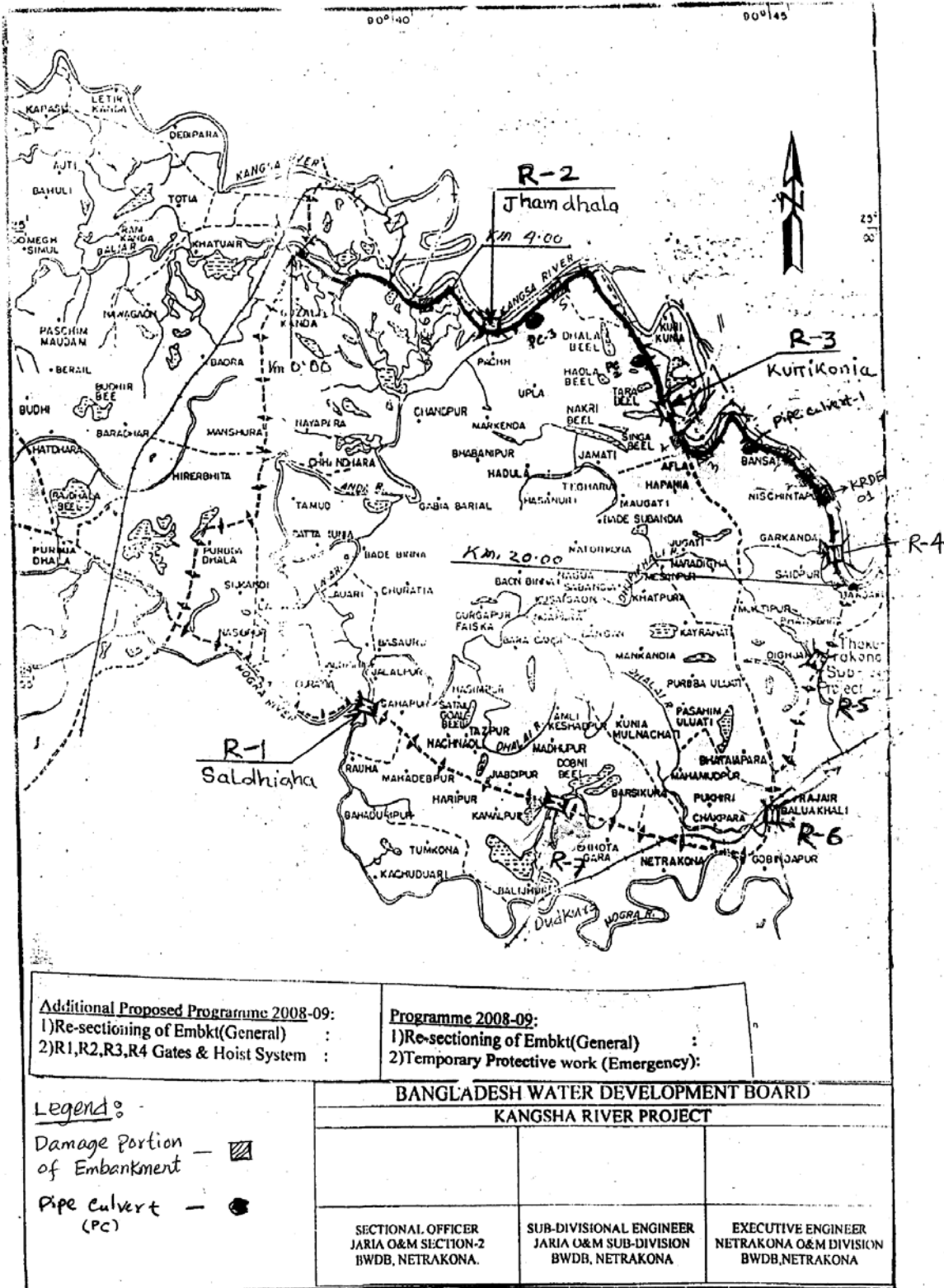
Satdona Beel Scheme



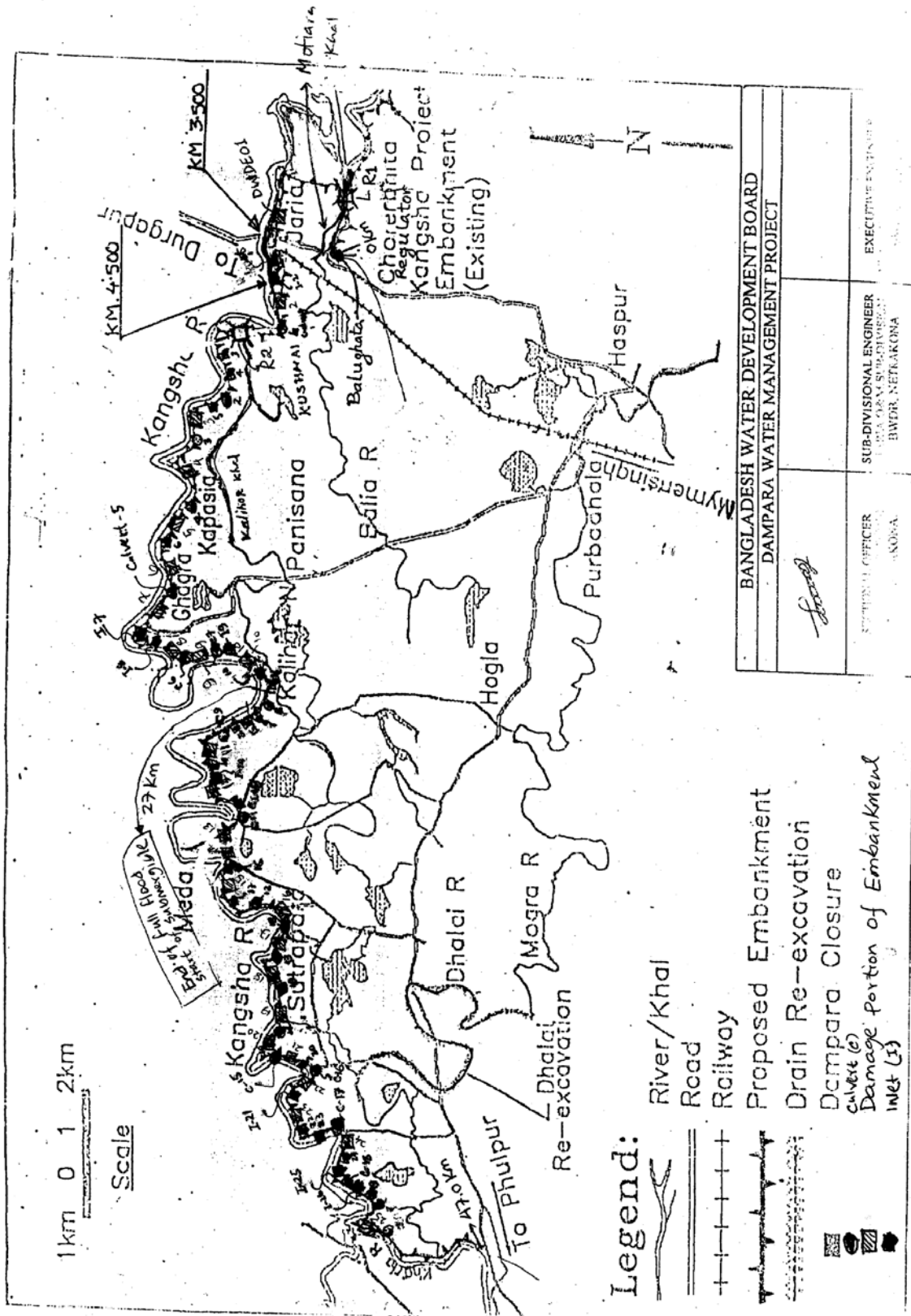
Singer Beel Scheme



Thakurakona Haor Scheme

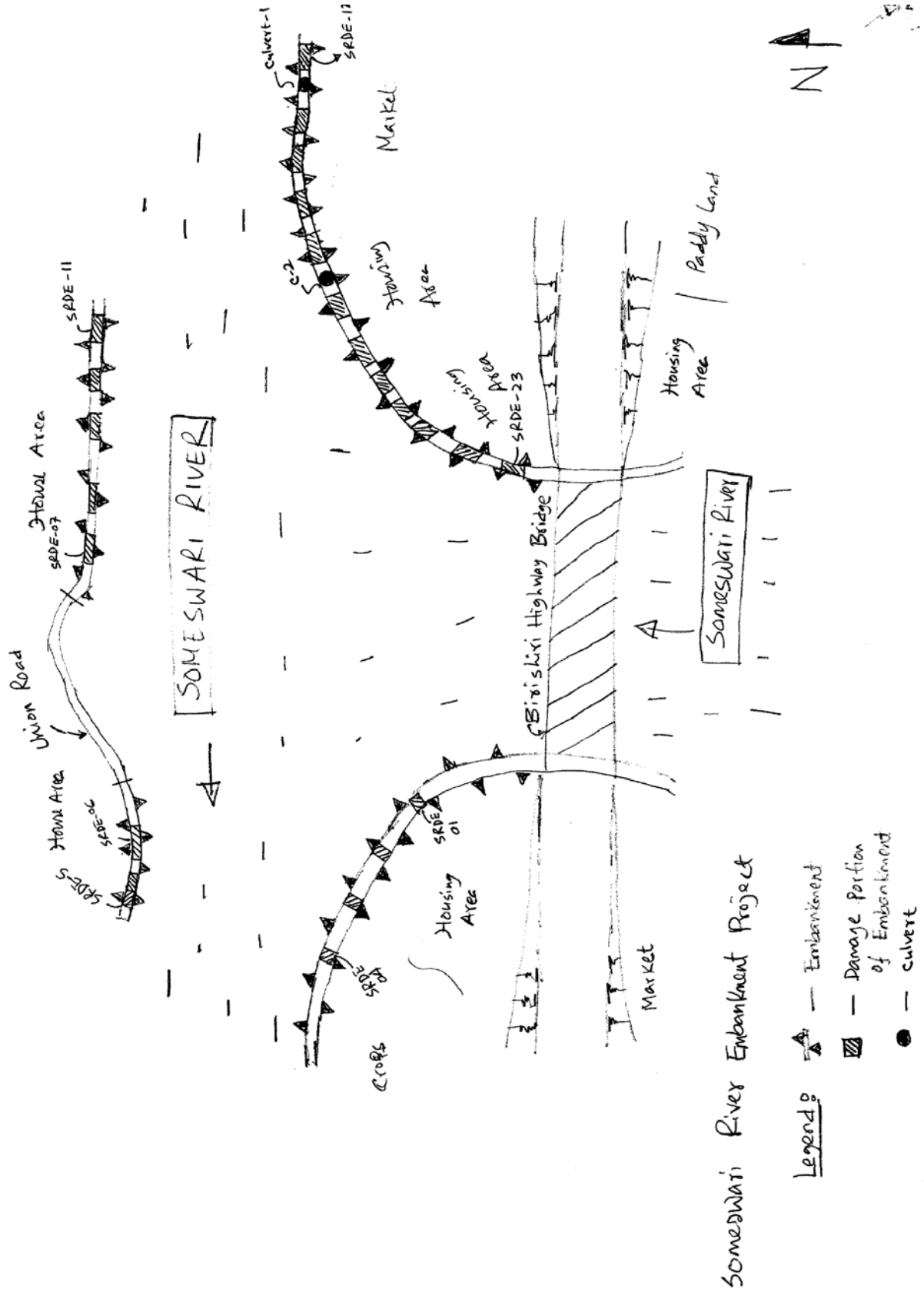


Kangsha River Project

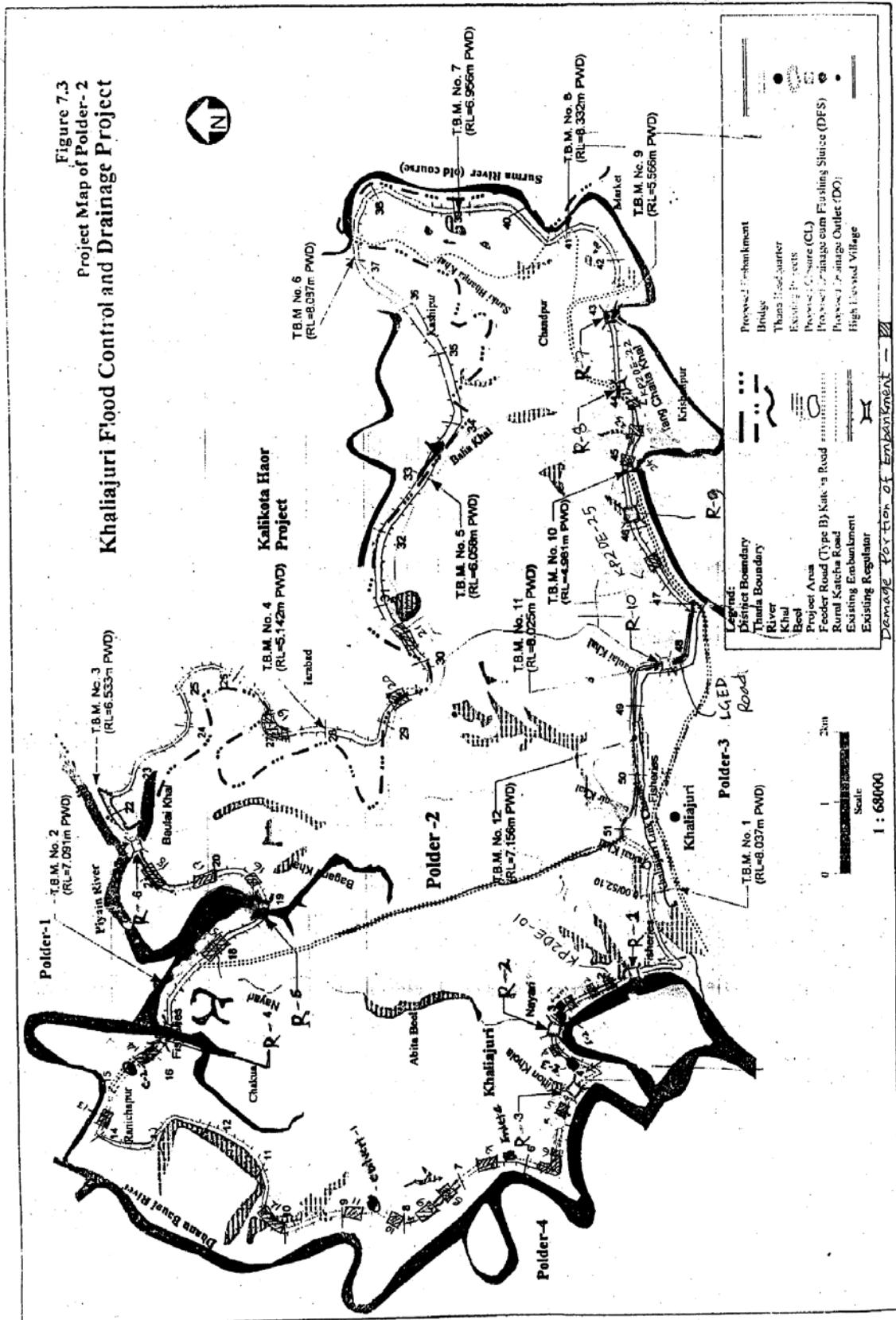


Dampara Water Management Project

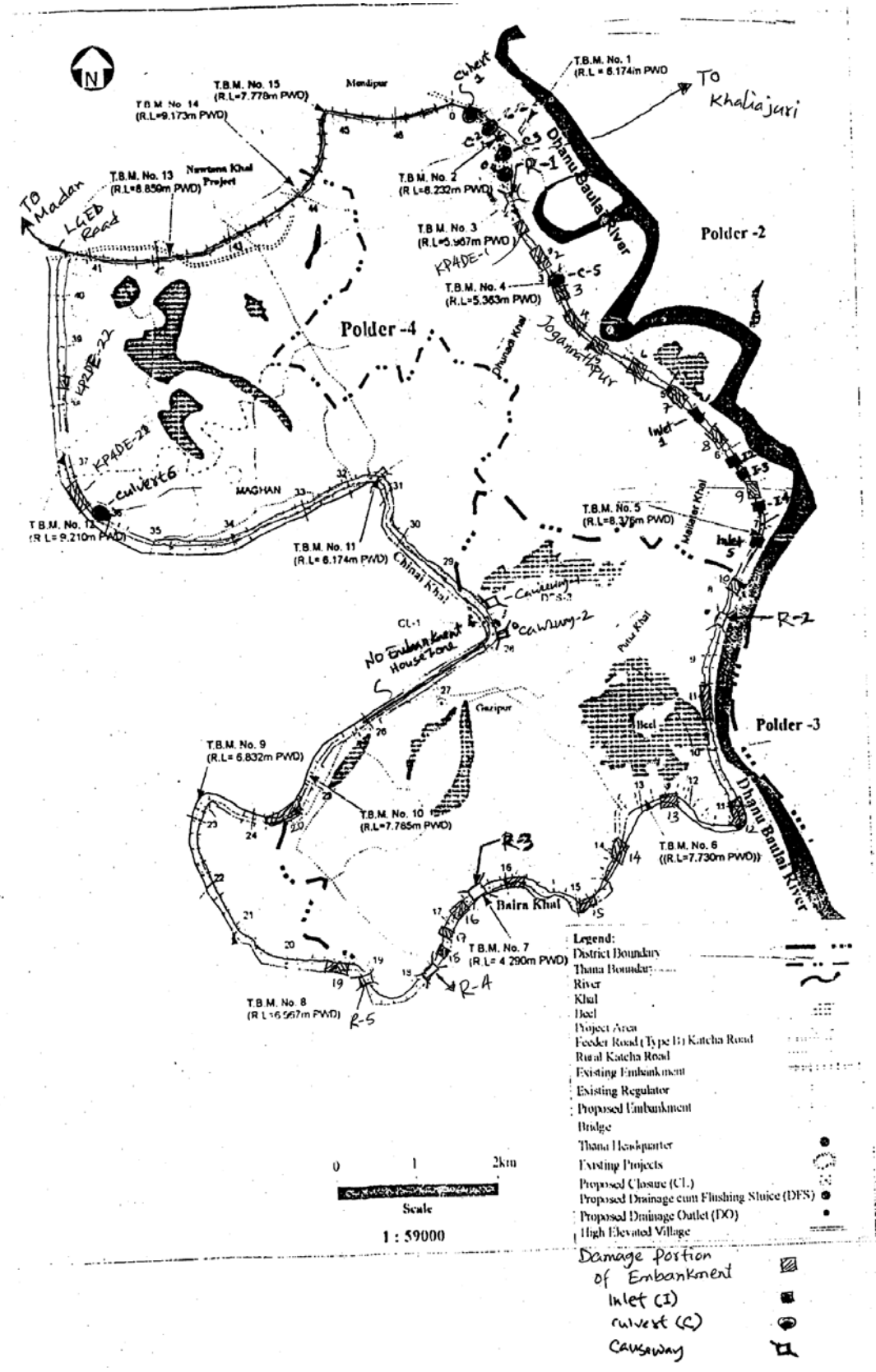




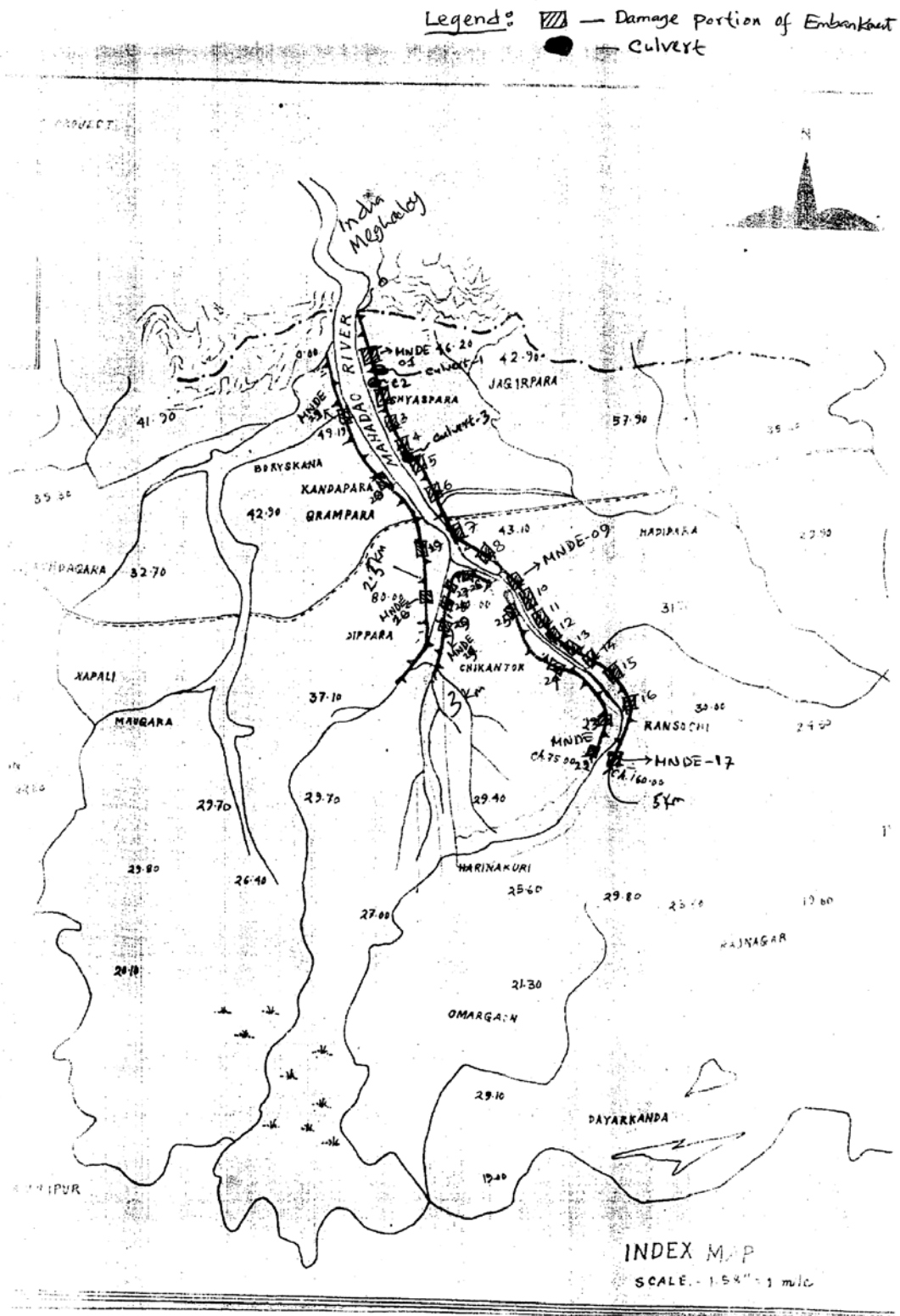
Someswari River Sub-Scheme



Khaliajuri FCD Polder #2

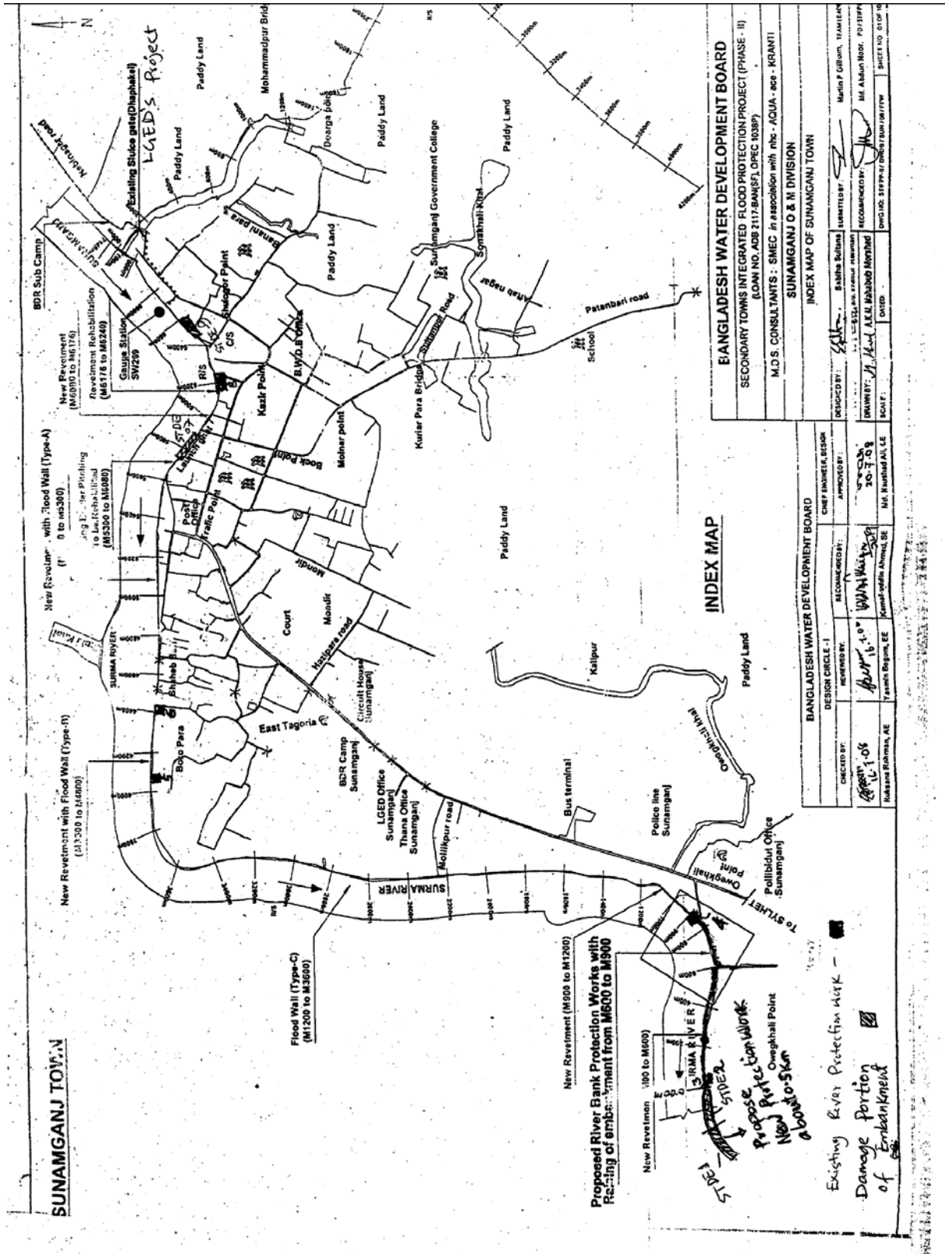


Khalirjuri FCD Polider #4



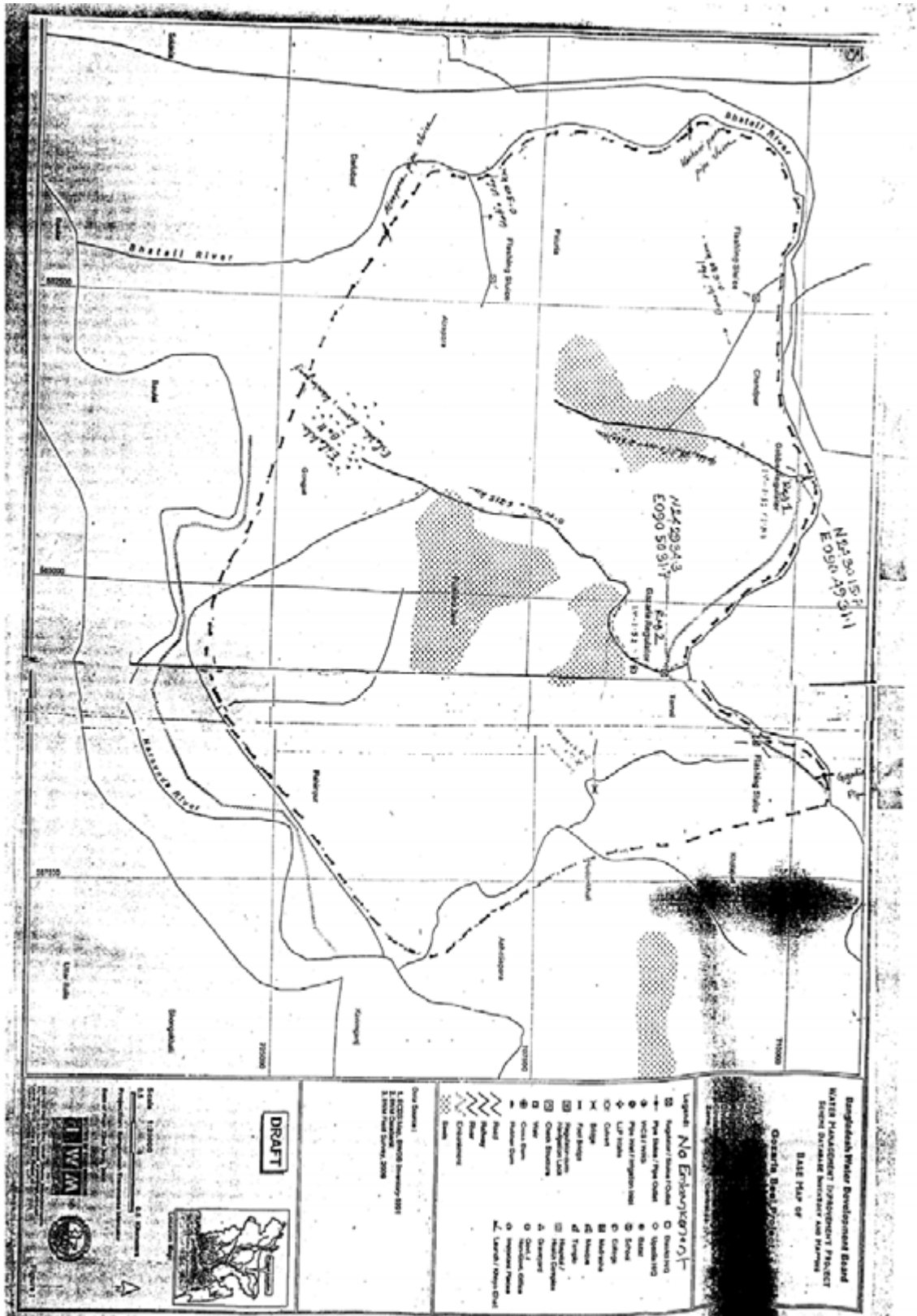
Mohadao Nadi Embankment

Mohadao Nadi Embankment



Sunamganj Town Protection



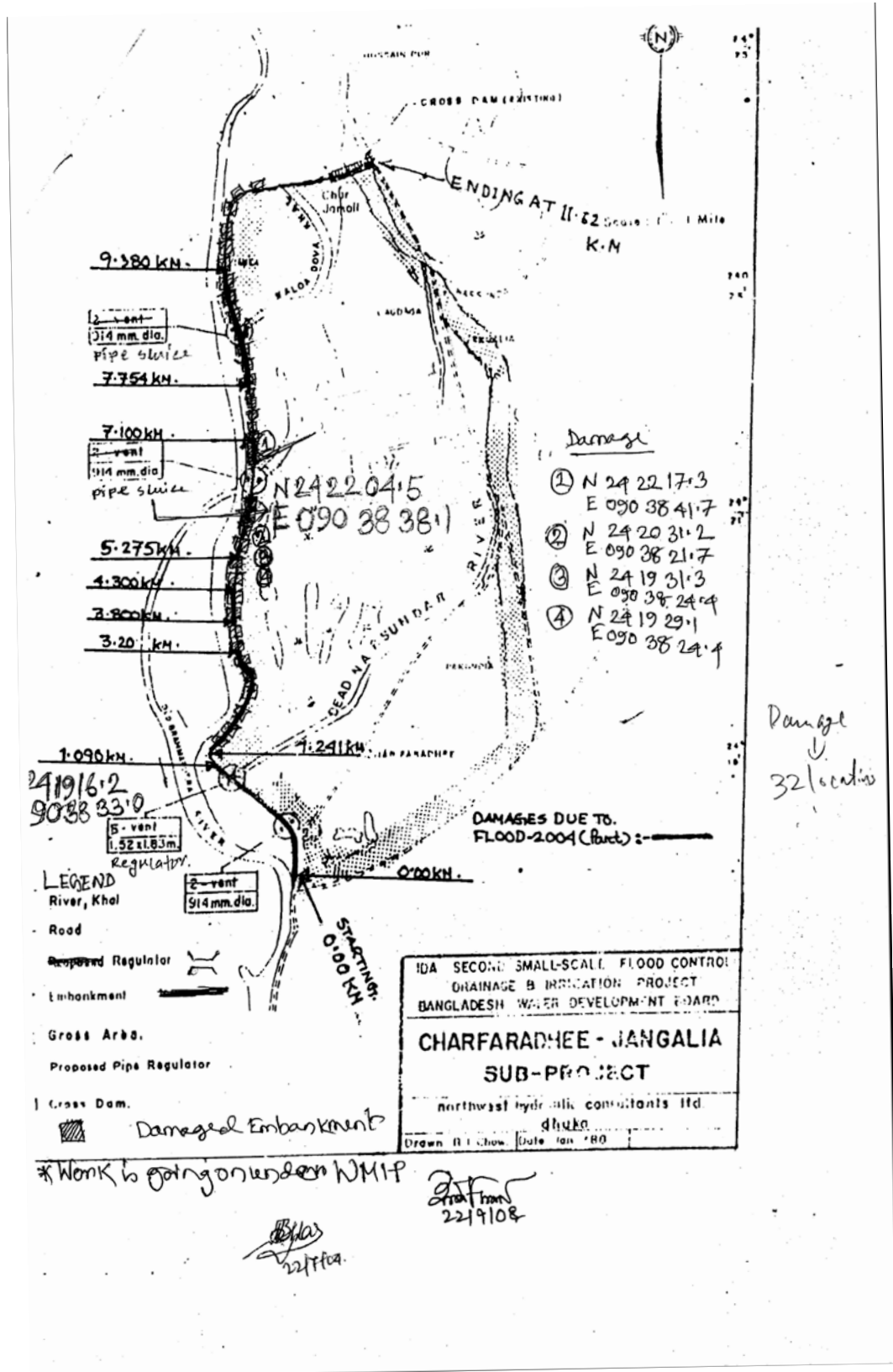


Gazaria Beel Sub-project



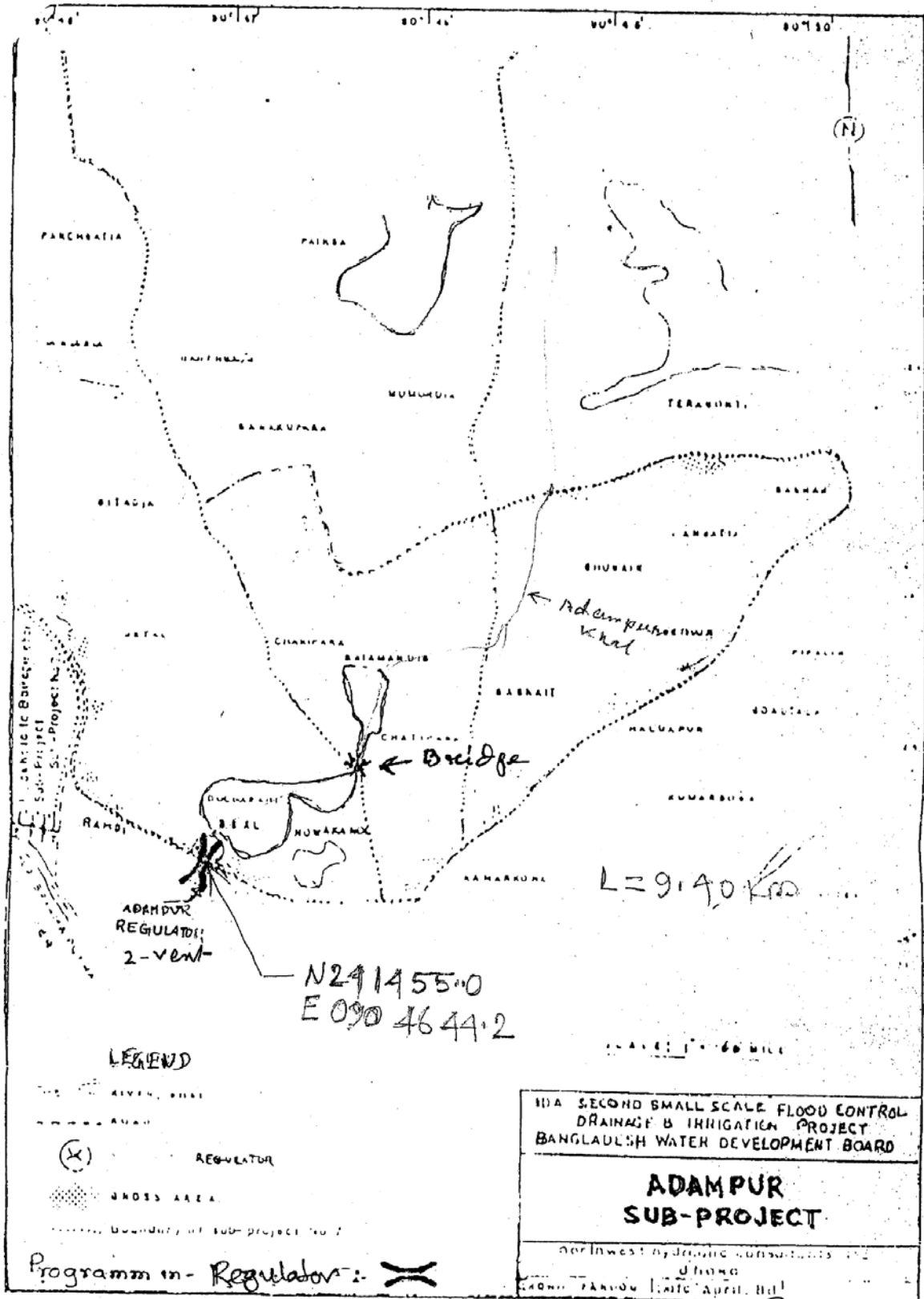
Braikali Khal sub-project



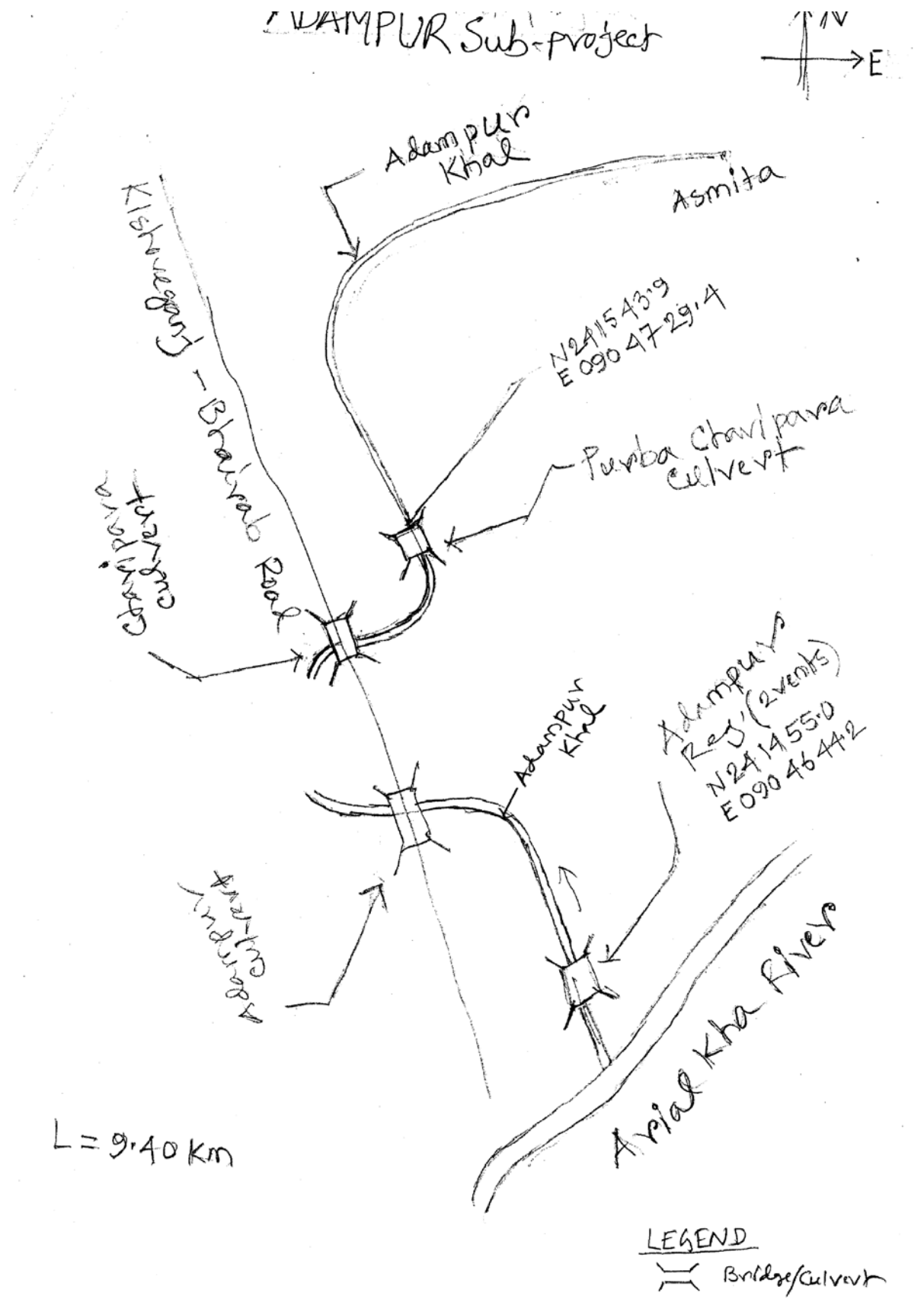


Charfaradhee-Jangalia Sub-project

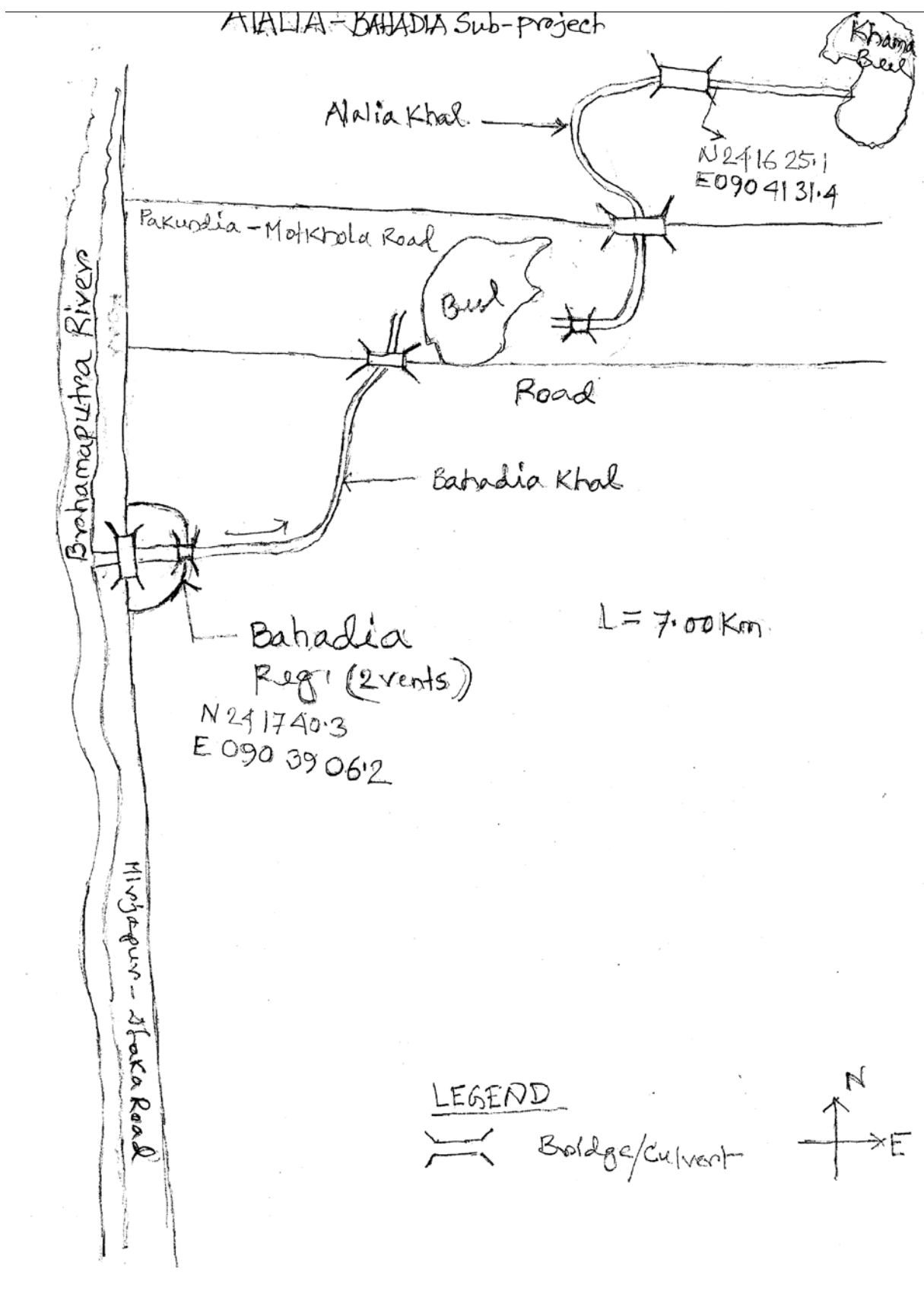




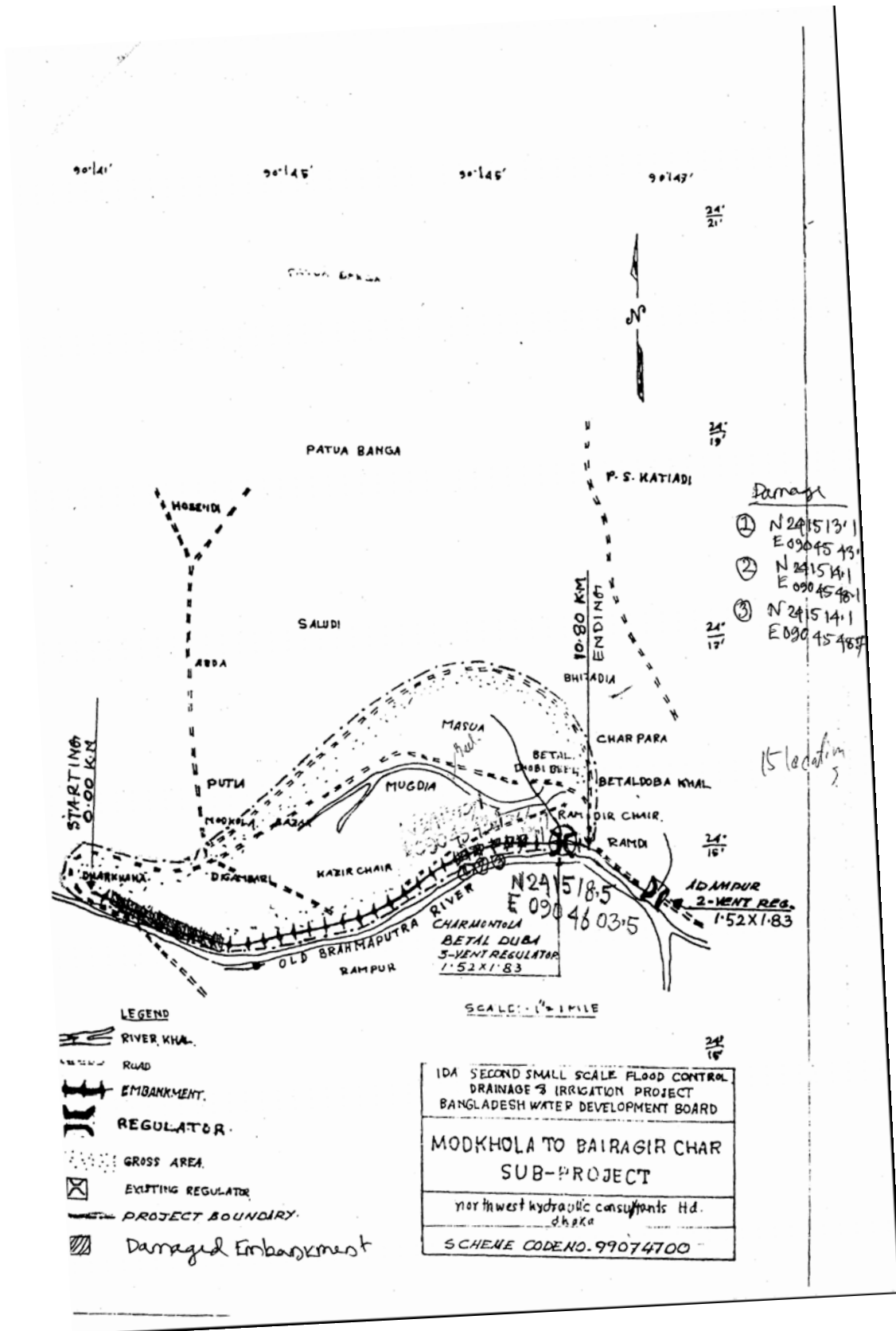
Adampur Sub-project (1/2)



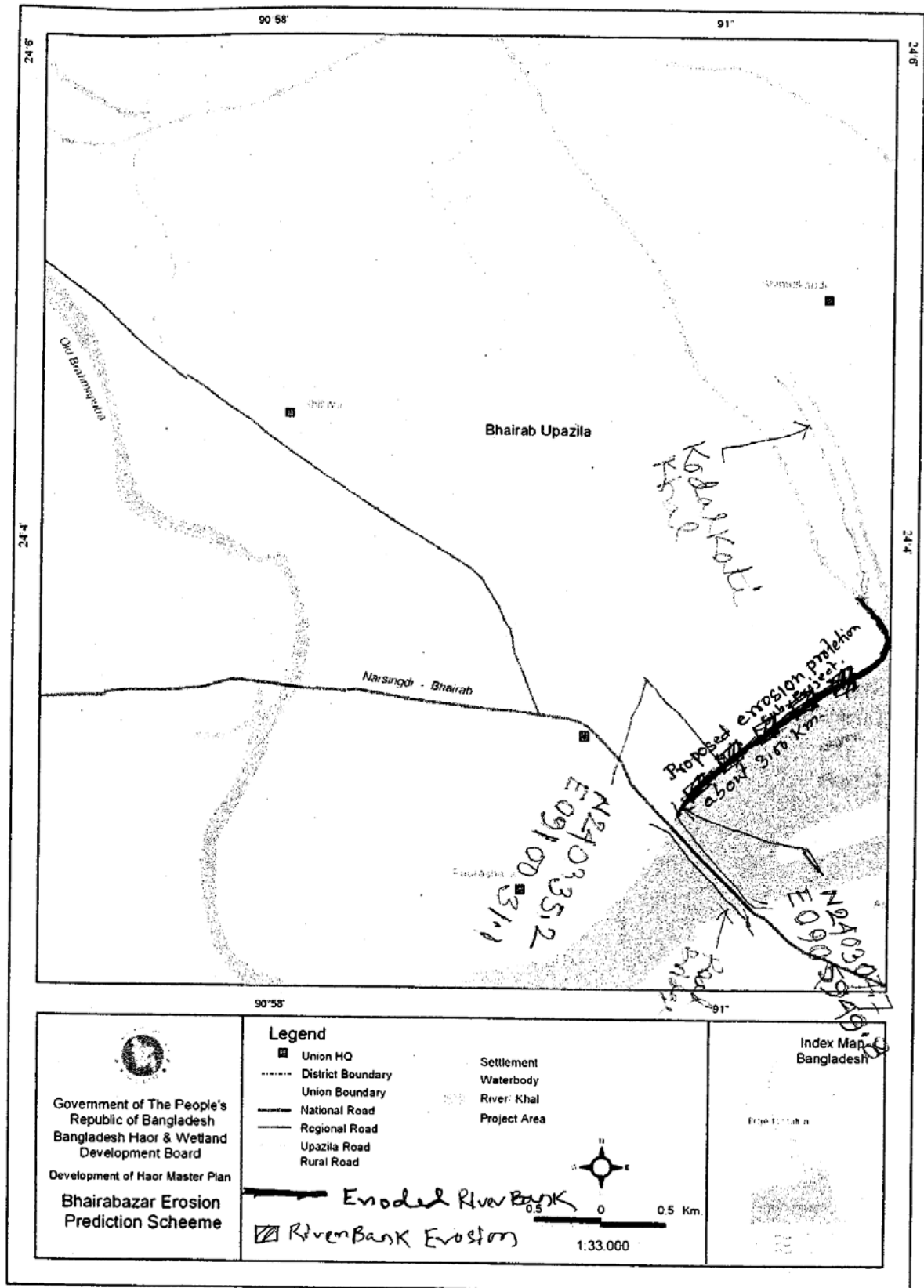
Adampur Sub-project (2/2)



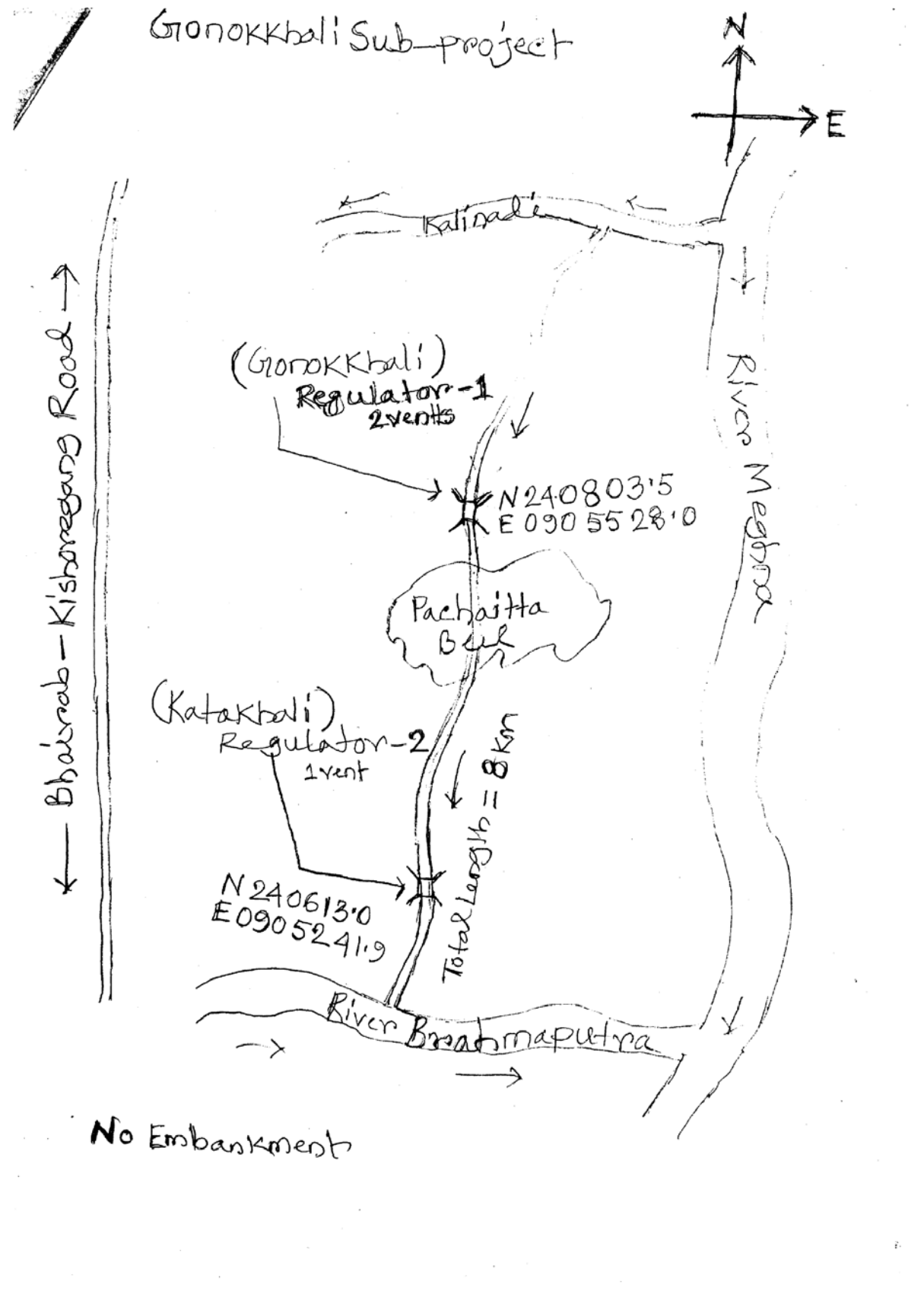
Alalia Bahadia Sub-Project



Modkola-Bairagir Char Sub-Project



Bhairab bazaar Erosion Protection Project



Ganakkali Sub-project



### **3. List of Contact Person**

No.	Project Name	Contact Person
1	Cheghaia Khal Scheme	Md. Abdul Hekim, Executive Engineer, BWDB Habiganj Md. Mostafa, Sub-division Engineer, BWDB Habiganj Md. Sumon Miah, Sectional Officer, BWDB Habiganj Md. Jamal, Work Assistant, BWDB Habiganj Khoz Ali, Upzila Chairman
2	Gangajuri FCD Sub-scheme	Md. Abdul Hekim, Executive Engineer, BWDB Habiganj Md. Mostafa, Sub-division Engineer, BWDB Habiganj Md. Raihan, Sectional Officer, BWDB Habiganj Md. Habibullah, Work Assistant, BWDB Habiganj Md. Yeaqub Miah, Upzila Chairman Md. Alamgir Chowdhuri, Operator
3	Sukti River Embankment	Md. Abdul Hekim, Executive Engineer, BWDB Habiganj Md. Mostafa, Sub-division Engineer, BWDB Habiganj Md. Sumon Miah, Sectional Officer, BWDB Habiganj Md. Jamal, Work Assistant, BWDB Habiganj Abul Kashem, Upzila Chairman
4	Madhabpur Scheme	Md. Abdul Hekim, Executive Engineer, BWDB Habiganj Md. Mostafa, Sub-division Engineer, BWDB Habiganj Abdul Mannan, Sectional Officer, BWDB Habiganj Md. Jamal, Work Assistant, BWDB Habiganj Md. Dhanu Miah, Upzila Member
5	Aralia Khal Scheme	Md. Abdul Hekim, Executive Engineer, BWDB Habiganj Md. Mostafa, Sub-division Engineer, BWDB Habiganj Md. Sumon Miah, Sectional Officer, BWDB Habiganj Md. Jamal, Work Assistant, BWDB Habiganj Enam Khan, Upzila Chairman
6	Kairdhala Ranta Scheme	Md. Abdul Hekim, Executive Engineer, BWDB Habiganj Md. Mostafa, Sub-division Engineer, BWDB Habiganj Abdul Mannan, Sectional Officer, BWDB Habiganj Md. Jamal, Work Assistant, BWDB Habiganj Orun Dey, Upazila Member Md. Iqbal, Upazila Member
7	Bashira River Re-excavation	Md. Abdul Hekim, Executive Engineer, BWDB Habiganj Md. Mostafa, Sub-division Engineer, BWDB Habiganj Abdul Mannan, Sectional Officer, BWDB Habiganj Md. Jamal, Work Assistant, BWDB Habiganj Md. Iqbal, Upazila Member
8	Datta Khola & adjoining Beel	Md. Zakir Hossain, Executive Engineer, BWDB Brammanbaria Md. Abul Hossain, Sub-division Engineer, BWDB Brammanbaria Shah Md.Aminul Islam, Sub Assist. Engineer, BWDB Brammanbaria Md.Abdul Helal, Work Assistant, BWDB Brammanbaria Aiyub Miah, Upazila Chairman (Islampur) Tajul Islam, Upazila Chairman (Pattan) Anu Miah, Upazila Member (Pattan)
9	Chandal Beel Scheme	Md. Zakir Hossain, Executive Engineer, BWDB Brammanbaria Md. Abul Hossain, Sub-division Engineer, BWDB Brammanbaria Shah Md.Aminul Islam, Sub Assist. Engineer, BWDB Brammanbaria Md.Abdul Helal, Work Assistant, BWDB Brammanbaria Goni Talukdar, Upazila Chairman (Paharikandi)
10	Akashi & Shapla Beel Scheme	Md. Zakir Hossain, Executive Engineer, BWDB Brammanbaria Md. Abul Hossain, Sub-division Engineer, BWDB Brammanbaria Shah Md.Aminul Islam, Sub Assist. Engineer, BWDB Brammanbaria Abdul Awal, Work Assistant, BWDB Brammanbaria Abu Ali, Upazila Member
11	Satodana Beel Scheme	Md. Zakir Hossain, Executive Engineer, BWDB Brammanbaria Md. Abul Hossain, Sub-division Engineer, BWDB Brammanbaria Shah Md.Aminul Islam, Sub Assist. Engineer, BWDB Brammanbaria

		Md.Abdul Helal, Work Assistant, BWDB Brammanbaria Rostom Ali, Upazila Chairman (Solimabad)
12	Singer Beel Scheme	Md. Faruk Bhuiyan, Executive Engineer, BWDB Netrakona Md. Mofazzel Hossain, Sub-division Engineer, BWDB Netrakona Khandakar Shahidur Rahman, Sectional Officer, BWDB Netrakona Md. Aminul Islam, Work Assistant, BEDB Netrakona Abdur Rashid, Upazila Chairman (Baushi Barhatta) Abdul Kuddus Noyun, Upazila Chairman (Chiram Barhatta) Md. Shahajahan, Operator (Tumnir Regulator)
13	Thkurakona Scheme	Md. Faruk Bhuiyan, Executive Engineer, BWDB Netrakona Md. Mofazzel Hossain, Sub-division Engineer, BWDB Netrakona Khandakar Shahidur Rahman, Sectional Officer, BWDB Netrakona Md. Badrul Alam, Sectional Officer, BWDB Netrakona Md. Aminul Islam, Work Assistant, BEDB Netrakona Alhaz Mizanur Rahman, Upazila Chairman (Medni Sadar) Abul Kashem, Operator (Thakurakona Regulator) Md. Nasir, Operator (Betati Regulator)
14	Kangsha River Scheme	Md. Faruk Bhuiyan, Executive Engineer, BWDB Netrakona Md. Mofazzel Hossain, Sub-division Engineer, BWDB Netrakona Md. Badrul Alam, Sectional Officer, BWDB Netrakona Md. Amiruddin Ahmed, Work Assistant, BWDB Netrakona Alhaz Mizanur Rahman, Upazila Chairman (Medni Sadar) Raseduzzaman, Upazila Chairman (Purbodhola) Jubaed Hossain, Operator (Saldigha Regulator), Dulal, Operator (Borari Regulator) Azharul Islam, Operator (Digjan Regulator)
15	Dampara Water Management	Md. Faruk Bhuiyan, Executive Engineer, BWDB Netrakona Md. Mofazzel Hossain, Sub-division Engineer, BWDB Netrakona Md. Badrul Alam, Sectional Officer, BWDB Netrakona Md. Amiruddin Ahmed, Work Assistant, BWDB Netrakona Polash, Operator (Chorervita Regulator)
16	Someswari River Sub-Scheme	Md. Faruk Bhuiyan, Executive Engineer, BWDB Netrakona Md. Mofazzel Hossain, Sub-division Engineer, BWDB Netrakona Md. Badrul Alam, Sectional Officer, BWDB Netrakona Md. Amiruddin Ahmed, Work Assistant, BWDB Netrakona Md. Abdur Razzak Sarkar, Upazila Chairman (Gaukandia Durgapur) Md. Imruz, Commissioner, Durgapur
17	Khaliajuri FCD Polder #2	Md. Faruk Bhuiyan, Executive Engineer, BWDB Netrakona Md. Mofazzel Hossain, Sub-division Engineer, BWDB Netrakona Md. Shahabuddin Ahmed, Sectional Officer, BWDB Netrakona Md. Raisuddin, Work Assistant, BWDB Netrakona Golam Abu Ishak, Upazila Chairman (Khaliajuri) Md. Dewan Rahmat Ali, Upazila Chairman (Chakua) Md. Raju Mia, Operator (Shantinagar Regulator)
18	Khaliajuri FCD Polder #4	Md. Faruk Bhuiyan, Executive Engineer, BWDB Netrakona Md. Mofazzel Hossain, Sub-division Engineer, BWDB Netrakona Md. Alauddin, Sectional Officer, BWDB Netrakona Md. Raisuddin Work Assistant, BWDB Netrakona Md. Lukman, Upazila Chairman (Mendipur) Md. Masud, Upazila Chairman (Gazipur) Md. Raju Mia, Operator (Shantinagar Regulator)
19	Mohadao Nadi Embankment	Md. Faruk Bhuiyan, Executive Engineer, BWDB Netrakona Md. Mofazzel Hossain, Sub-division Engineer, BWDB Netrakona Md. Badrul Alam, Sectional Officer, BWDB Netrakona Md. Amiruddin Ahmed, Work Assistant, BWDB Netrakona Md. Babul Upazila Chairman (Rangchati Kamlakanda)
20	Sunamganj Town Protection Project	Gouropodo Sutradhar, Sub-division Engineer, BWDB Sunamganj Md. Barkotullah Bhuiyan, Sectional Officer, BWDB Sunamganj Md. Abdul Wahab, Work Assistant, BWDB Sunamganj Md. Jahangir Islam, Stakeholder

21	Sukhaijuri Bathai Sub-project	Syed Hasan Imam, Executive Engineer, BWDB Kishoreganj Md. Moajjem Hossen, Sub-division Engineer, BWDB Kishoreganj Md. Rakibul Islam Rajib, Sectional Officer, BWDB Kishoreganj A,K,M. Siddique, Work Assistant, BWDB Kishoreganj Daster Ali Bhuiyan, Chairman of Sluice-1 committee Chan Mia, Chairman of Sluice-2 committee
22	Gazaria Beel Sub-project	Syed Hasan Imam, Executive Engineer, BWDB Kishoreganj Md. Moajjem Hossen, Sub-division Engineer, BWDB Kishoreganj Md. Rakibul Islam Rajib, Sectional Officer, BWDB Kishoreganj A,K,M. Siddique, Work Assistant, BWDB Kishoreganj Habibur Rahaman, Secretary of Sluice-1 Committee Kenu Mia, Chairman of Sluice-2 Committee
23	Boraikhali Khal Sub-project	Syed Hasan Imam, Executive Engineer, BWDB Kishoreganj Md. Moajjem Hossen, Sub-division Engineer, BWDB Kishoreganj Azizur Rahaman, Sectional Officer, BWDB Kishoreganj Md. Rafiqul Islam Nazim, Work Assistant, BWDB Kishoreganj Habibur Rahaman, Chairman of Boraikhali Sluice Committee
24	Char Ferrade-Jangalia Sub-project	Syed Hasan Imam, Executive Engineer, BWDB Kishoreganj Md. Moajjem Hossen, Sub-division Engineer, BWDB Kishoreganj Azizur Rahaman, Sectional Officer, BWDB Kishoreganj Md. Rafiqul Islam Nazim, Work Assistant, BWDB Kishoreganj Hadiul Islam, Chairman of Char Kushsha Sluice Committee
25	Singua River Re-excavation Sub-project	Syed Hasan Imam, Executive Engineer, BWDB Kishoreganj Md. Moajjem Hossen, Sub-division Engineer, BWDB Kishoreganj Azizur Rahaman, Sectional Officer, BWDB Kishoreganj Md. Rafiqul Islam Nazim, Work Assistant, BWDB Kishoreganj Advocate Md. Sohrab Hossen, Upazila Chairman (Pakundia)
26	Adampur Sub-project	Syed Hasan Imam, Executive Engineer, BWDB Kishoreganj Md. Moajjem Hossen, Sub-division Engineer, BWDB Kishoreganj Azizur Rahaman, Sectional Officer, BWDB Kishoreganj Md. Rafiqul Islam Nazim, Work Assistant, BWDB Kishoreganj Fazlul Haque Rana, Chairman of Adampur Sluice Committee
27	Alalia Bahadia Sub-project	Syed Hasan Imam, Executive Engineer, BWDB Kishoreganj Md. Moajjem Hossen, Sub-division Engineer, BWDB Kishoreganj Azizur Rahaman, Sectional Officer, BWDB Kishoreganj Md. Rafiqul Islam Nazim, Work Assistant, BWDB Kishoreganj Md. Lal Mia, Chairman of Bhadia Sluice Committee
28	Motkhola-Bairaguir Char Sub-project	Syed Hasan Imam, Executive Engineer, BWDB Kishoreganj Md. Moajjem Hossen, Sub-division Engineer, BWDB Kishoreganj Azizur Rahaman, Sectional Officer, BWDB Kishoreganj Md. Rafiqul Islam Nazim, Work Assistant, BWDB Kishoreganj Jalal Uddin, Chairman of Betal Sluice Committee
29	Bhairab Bazar Erosion Protection Sub-project	Syed Hasan Imam, Executive Engineer, BWDB Kishoreganj Saidur Islam Khan, Sub-division Engineer, BWDB Kishoreganj Munshi Jahirul Islam, Sectional Officer, BWDB Kishoreganj Md. Nuruzzaman, Work Assistant, BWDB Kishoreganj
30	Ganakkali Sub-project	Syed Hasan Imam, Executive Engineer, BWDB Kishoreganj Saidur Islam Khan, Sub-division Engineer, BWDB Kishoreganj Munshi Jahirul Islam, Sectional Officer, BWDB Kishoreganj Md. Nuruzzaman, Work Assistant, BWDB Kishoreganj

#### **4. Present Situation of Each Haor Project**

1. Cheghaia Khal Scheme

(1) Embankment



Artificial cutting due to boat transportation and fishing

(2) Regulator











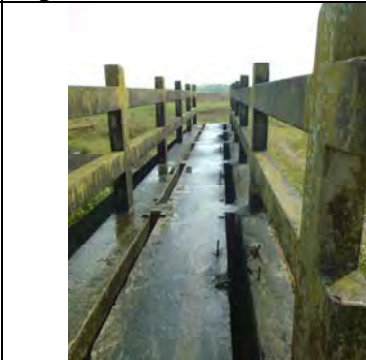
Regulator-01

(3) Chnnel/Khal



Siltation problem

2. Gangajuri FCD Sub-Scheme

(1) Embankment		
		
Erosion due to wave action and heavy rainfall		
(2) Regulator		
		
Regulator-1	Regulator-2	Regulator-3
		
Regulator-4	Regulator-5	Regulator-6



Regulator-7

Many equipments were stolen and poor maintenance.

(3) Canal



Sedimentation Problem

(4) Pipe Sluice



Sedimentation problem and no repair work



### 3. Sukti River Embankment

#### (1) Canal



Sedimentation Problem

4. Madhabpur Scheme

(1) Embankment



Erosion due to wave action and heavy rainfall

(2) Canal/Khal



Local people requested to construct regulator at downstream of canal for water store purpose.

5. Aralia Khal Scheme

<p>(1) Regulator</p> 		
<p>Regulator-1</p>	<p>Regulator-2</p>	
<p>(2) Canal/Khal</p>		
		
<p>Sedimentation Problem</p>		

6. Kairdhala Ranta Scheme

(1) Embankment		
		
		
Erosion due to overtop, wave action and heavy rainfall		
(2) Regulator		
		
Regulator-1	Regulator-2	Regulator-3

7. Bashira River Re-excavation

(1) Embankment		
		
Erosion due to overtop, wave action and vehicle passing		
(2) Canal		
		
		
Sedimentation problem		

8. Datta Khola and adjoining Beel



9. Chandal Beel Scheme

<p>(1) Embankment</p> 		
<p>Erosion due to wave action</p>		
<p>(2) Regulator (No.1)</p> 		
<p>(3) Canal/Khal</p> 		
<p>Local people requested additional storage water for irrigation purpose.</p>		

10. Akashi and Shapla Beel Scheme

(1) Embankment		
		
Artificial cutting and erosion due to wave action		
(2) Canal/Khal		
		
Sedimentation Problem		







11. Satodana Beel Scheme

(1) Regulator		
		
Regulator-1	Regulator-2	

12. Singer Beel Scheme

(1) Embankment		
		
		
		
		
Artificial cutting, Erosion due to wave action, heavy rainfall, viechle passing and overtop.		
(2) Regulator		
		
Regulator-1	Regulator-2	Regulator-3

		
<p>Regulator-4</p>		
<p>(3) Canal/Khal</p>		
		
<p>Sedimentation Problem</p>		
<p>(4) Pipe Culvert and Inlet</p>		
		
		

13. Thakurakona Scheme

(1) Embankment		
		
On going by WMIP		
(2) Regulator		
		
Regulator-1	Regulator-2	Regulator-3
(3) Canal/Khal		
		
Sedimentation problem		

14. Kangsha River Scheme



15. Dampara Water Management





Artificial cutting and erosion due to heavy rainfall and overtop

(2) Regulator



Regulator-1



Regulator-2

(3) Canal/Khal





16. Someswari River Scheme





Erosion due to heavy rainfall, overtop, wave action

(2) Culvert



17. Khaliajuri FCD Polder #2





Artificial cutting and erosion due to heavy rainfall, overtop, wave action

(2) Regulator



		
Regulator-4	Regulator-5	Regulator-6
		
Regulator-7	Regulator-8	Regulator-9
		
Regulator-10		
3) Inlet		
		

18. Kaliajuri FCD Polder #4





Artificial cutting and erosion due to heavy rainfall, overtop

(2) Regulator



3) Inlet		
		
		
4) Culvert		
		
		
5) Causeway		
		



19. Mohadao Nadi Embankment





Artificial cutting and erosion due to heavy rainfall, overtop

2) Culvert




20. Sunamganj Town Protection



21. Sukhaijuri Bathai Sub-project

(1) Embankment		
		
		
		
		
		

Erosion due to heavy rainfall

<p>2) Regulator</p> 		
<p>Regulator-1</p>	<p>Regulator-2</p>	
<p>3) Sluice</p> 		

22. Gazaria Beel Sub-project

(1) Regulator		
		
Regulator-1	Regulator-2	
(2) Canal/Khal		
		
Sedimentation Problem		
(3) Sluice		
		

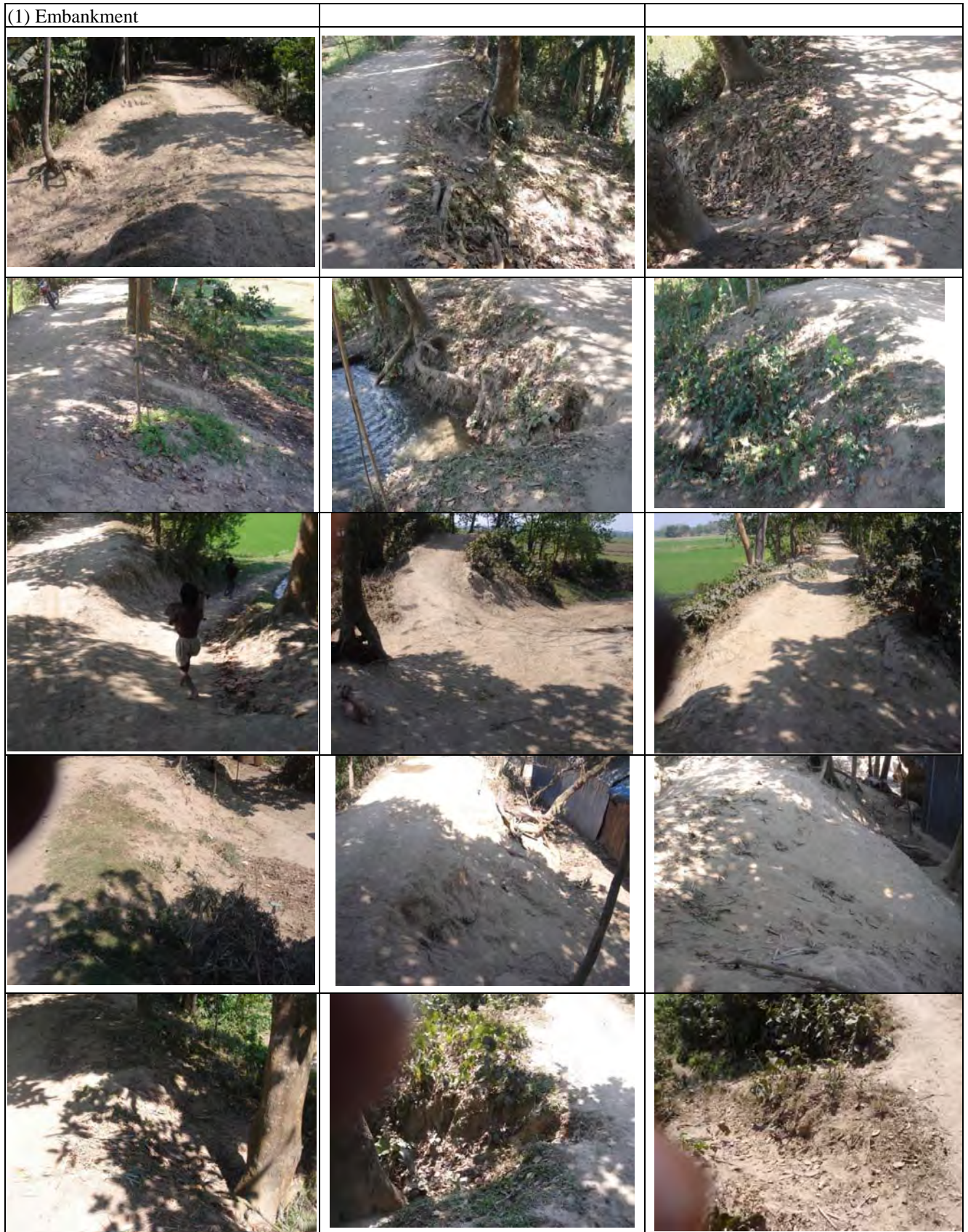
23. Boraikhali Khal Sub-project

(1) Embankment		
		
		
Erosion due to heavy rainfall		
(2) Regulator		
		
Regulator-1		
(3) Canal/Khal		
		
Sedimentation Problem		



<p>(4) Sluice</p> 		
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24. Char Ferradee-Jangalia Sub-project





Erosion due to heavy rainfall

(2) Regulator

(3) Sluice





Regulator-1




25. Singua River Re-excavation Sub-project

(1) Canal/Khal		
		
Sedimentation Problem		

26. Admpur Sub-project

(1) Regulator	(2) Cannal/Khal	
		
Regulator-1	Sedimentation Problem	





27. Alalia Bahadia Sub-project

(1) Regulator	(2) Cannal/Khal	
		
Regulator-1	Sedimentation Problem	

28. Motkhola-Bairagir Char Sub-project

(1) Embankment		
		
		
		
		
Erosion due to heavy rainfall		
(2) Regulator		
		

29. Bhairab Bazar Erosion Protection Project

(1) Revetment	(2) High water channel	
		
		

30. Ganakkali Sub-project

(1) Regulator		
		
Regulator-1	Regulator-2	



附録 4-4  
写真位置図

