ANNEX 2

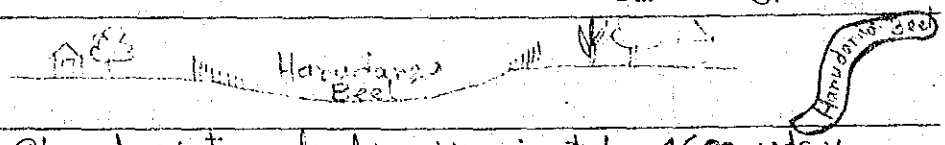
WATER QUALITY FIELD SURVEY LOG SHEETS

1. GAIBANDHA SURVEY SITES

2. REGIONAL SURVEY SITES

1. Gaibandha Surveys

TRANSECT DATA SHEET - SURFACE WATER

Date/Time : 27.2.92/ 2-30 PM Sample Source : Harudanga Beel Sample Code : G1 Sampling Point : North - Central Transect No. : 1	Location: Vill. - Kala U.P. - Annada Nagar U.Z. - Pirgacha Dt.. - Rangpur
Sketch	
Main features/ General description of the water body	Closed water body approximately 1600 yds x 200 yds. Depth in the middle is approx. 6 ft.
Colour : Partly clear Odour : Nil	Purpose of use: Recreation, Domestic, Irrigation, & Livestock.
Water availability: Max.- July (16 ft.) Min.- March (6 ft)	Max. level recorded in the past 10 yrs. : 20 ft. in 1988
Aquatic vegetations: Water hyacynth & Algae	Interconnection with other water bodies: Nil
Effluent discharges into the water body: Nil	Water borne diseases among the villagers: Diarrhoea, Cholera, Dysentry, etc.
Pesticides used near the water body:	Type Diveeron, Malathion, Basudin, How long 10-15 yrs.
Use of fertilizer near the water body:	Type Urea, Zypsum, TSP, etc. How long Since long
Pollution/Toxicity problem (if any) :	Type - Fish disease. Seasonal variation- Max. (Sept-Feb.) Severity- Since 3 yrs. Effect on use-
Precaution taken/ villagers solution: Nil	
Previous water quality data (if any) NDA	

Sample Analysis Data

Temp.	°C	24·5	Nitrate	mg/L	Nil	Zn	mg/L	ND
pH		7·4	Ammonia	mg/L	0·6	Fe	mg/L	1·1
TS	mg/L	46	Phosphate	mg/L	ND	Cr^{+6}	mg/L	Nil
TDS	mg/L	25	Chloride	mg/L	4·0	As	mg/L	Nil
DO	mg/L	8·0	Sulphate	mg/L	Nil	Total Coliform	n/100 ml.	50
BOD	mg/L	2·5	COD	mg/L	12·0			

TRANSECT DATA SHEET - GROUND WATER

Date/Time : 27.2.92/4 PM

Sample Source : Shallow Tube well

Sample Code : G 2

Transect No. : 1

Tube well owner's name : Mr. Abdul Jobbar

Location:

Vill. - Kalatey

U.P. - Annada Nagar

U. Z. - Pirgacha

Dt.. - Rangpur

Sketch	Same as in Sample Code G1
Main features/ General description of the tube well	Approximately 500 yds north of the Harudanga Beel. Depth - 70 ft. Diameter - 4". Operating average 18 hrs/24 hrs. since 5 yrs.

Colour : Transparent Odour : Nil	Purpose of use: Irrigation
Water table: Previous - } NDA Present - }	Alternate water sources: Harudanga Beel

Description of tube wells along the transect : (900 x 900) yds.

	TW	STW	DTW
Type -			
Depth -	45	70-75'	350'
No. -	200	16	2

Recharge patterns : Rainfall, Beel discharges

Possibility of exploitation in the near future :

Water borne diseases in the area : Type - Diarrhoea, Dysentry, etc.
Severity - 3 persons killed in 1991 in diarrhoea

Previous water quality data (If any) : NDA

Sample Analysis Data

Temp.	°C	26·0	Nitrate	mg/L	Nil	Zinc	mg/L	ND
pH	mg/L	6·5	Phosphate	mg/L	ND	Iron	mg/L	2·9
TS	mg/L	133	Chloride	mg/L	6·8	Chromium	mg/L	Nil
TDS	mg/L	53	Bromide	mg/L	ND	Arsenic	mg/L	Nil
DO	mg/L	0·8	Fluoride	mg/L	ND	Molybdenum	mg/L	ND
BOD	mg/L	12·0	Sulphate	mg/L	Nil	COD	mg/L	18·0
Ammonia	mg/L	1·2	Boron	mg/L	ND	Total coliform	n/100 ml.	12.0

TRANSECT DATA SHEET - SURFACE WATER

Date/Time : 28.2.92/12-05 PM

Location:

Sample Source : Teesta River

Vill. - Painal Ghat

Sample Code : G3

U.P. -

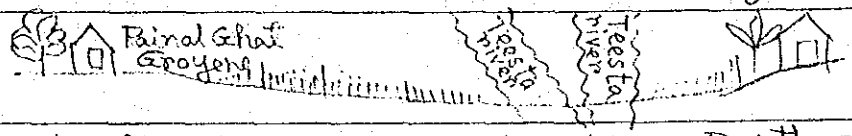
Sampling Point : Approx. 800 yds. south-east of Painal Ghat Groyene

U.Z. - Pirgacha

Transect No. : Nil

Dt.. - Rangpur

Sketch



Main features/ General description of the water body: West channel of the Teesta river. Depth at the middle is approx 16 ft.

Colour : Partly clear
Odour : Nil

Purpose of use: Recreation, Drinking, Navigation.

Water availability: Max.- 30 ft (Aug.)
Min.- 12 ft (March)

Max. level recorded in the past 10 yrs. : 50 ft in 1988

Aquatic vegetations: Nil

Interconnection with other water bodies: Jamuna river in down stream near Haripur

Effluent discharges into the water body: Nil

Water borne diseases among the villagers: Diarrhoea

Pesticides used near the water body: Type Furadan, Malathion, Thiodin etc.
How long 15-16 yrs

Use of fertilizer near the water body: Type Urea, TSP, MP, Zinc sulfate etc.
How long 15-16 yrs

Pollution/Toxicity problem (if any) : Type - Fish disease Seasonal variation- Max in Oct/Nov.
Severity- Since 4-5 yrs Effect on use-

Precaution taken/ villagers solution: Nil

Previous water quality data (if any) NDA

Sample Analysis Data

Temp.	°C	22·0	Nitrate	mg/L	Nil	Zn	mg/L	ND
pH		7·7	Ammonia	mg/L	0·2	Fe	mg/L	1·8
TS	mg/L	149	Phosphate	mg/L	ND	Cr^{+6}	mg/L	Nil
TDS	mg/L	51	Chloride	mg/L	8·0	As	mg/L	Nil
DO	mg/L	8·4	Sulphate	mg/L	Nil	Total Coliform	n/100 ml.	160
BOD	mg/L	1·8	COD	mg/L	12·0			

TRANSECT DATA SHEET - SURFACE WATER

Date/Time : 29.2.92 / 10-30 AM

Sample Source : Bamandanga Beel

Sample Code : G4

Sampling Point : South-east corner

Transect No. : 2

Location:

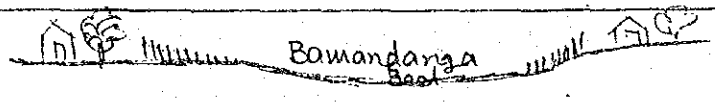
Vill. - Ramvadra

U.P. - Sarbananda

U.Z. - Sundargonj

Dt.. - Gaibandha

Sketch :



Main features/ General description of the water body: In dry season acts as a closed water body, but in monsoon flood water enters through cannals. Area 2000yds X 300 yds. Depth approx. 12 ft.

Colour : Clear
Odour : Nil

Purpose of use: Recreation, Domestic & Irrigation

Water availability: Max.- 20ft (July)
Min.- 8 ft (March)

Max. level recorded in the past 10 yrs. : 24 ft in 1988

Aquatic vegetations: Water hyacynth, Algae, Rooted plants etc.

Interconnection with other water bodies: Teesta river & Ghagot river during Jun.-Oct.

Effluent discharges into the water body: Nil

Water borne diseases among the villagers: Dysentry

Pesticides used near the water body: Type Thiodin, Thionol, Danada, Dieremon
How long Since 10 yrs.

Use of fertilizer near the water body: Type Urea, TSP, MP, Zypsum, Zinc sulphate
How long Since 10 yrs.

Pollution/Toxicity problem (if any) : Type - Fish disease
Severity - 50% died in 1991
Seasonal variation - Increases with flood water intakes
Effect on use -

Precaution taken/ villagers solution: Nil

Previous water quality data (if any) NDA

Sample Analysis Data

Temp.	°C	22·0	Nitrate	mg/L	Nil	Zn	mg/L	ND
pH		8·0	Ammonia	mg/L	0·3	Fe	mg/L	0·9
TS	mg/L	117	Phosphate	mg/L	ND	Cr^{+6}	mg/L	Nil
TDS	mg/L	54	Chloride	mg/L	6·0	As	mg/L	Nil
DO	mg/L	8·0	Sulphate	mg/L	Nil	Total Coliform	n/100 ml.	120
BOD	mg/L	3·0	COD	mg/L	30·0			

TRANSECT DATA SHEET - GROUND WATER

Date/Time : 29.2.92/11-30 AM

Location:

Sample Source : Shallow Tubewell

Vil. - Ramvadra

Sample Code : G5

U.P. - Sarbananda

Transect No. : 2

U.Z. - Sundarganj

Tube well owner's name : Mr. Delwar Hossain

Dt.. - Gaibandha

Sketch	Same as in Sample Code G4
Main features/ General description of the tube well	Approx. 300 yds east of Bamandanga Beel. Depth – 80 ft, Diameter – 5". operating average 8-10 hrs/24 hr since 2 yrs.

Colour : Transparent
Odour : Nil

Purpose of use: Irrigation

Water table: Previous - } NDA
Present - }

Alternate water sources: Bamandanga Beel

Description of tube wells along the transect : (900 x 450) yds. approx

Type -	TW	STW	DTW
Depth -	50'-60'	70-80	250'
No. -	150	50	3

Recharge patterns : Rainfall, Beel discharges, Flood

Possibility of exploitation in the near future :

Water borne diseases in the area :

Type - Diarrhoea, Dysentry

Severity-

Previous water quality data (if any) : NDA

Sample Analysis Data

Temp.	°C	26·0	Nitrate	mg/L	Nil	Zinc	mg/L	ND
PH	mg/L	6·7	Phosphate	mg/L	ND	Iron	mg/L	8·0
TS	mg/L	290	Chloride	mg/L	14·0	Chromium	mg/L	Nil
TDS	mg/L	165	Bromide	mg/L	ND	Arsenic	mg/L	Nil
DO	mg/L	2·0	Fluoride	mg/L	ND	Molybdenum	mg/L	ND
BOD	mg/L	22·0	Sulphate	mg/L	Nil	COD	mg/L	40·0
Ammonia	mg/L	1·6	Boron	mg/L	ND	Total coliform	n/100 ml.	80

TRANSECT DATA SHEET - GROUND WATER

Date/Time : 1.3.92/ 11 AM

Sample Source : Deep Tubewell

Sample Code : G 6

Transect No. : 3

Tube well owner's name : GRAMEEN BANK

Location:

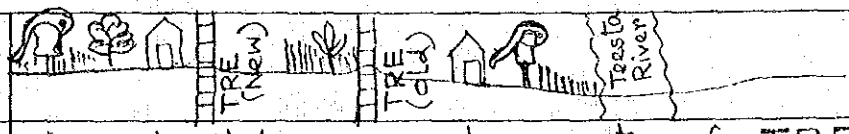
Vill. - Chamar Tari

U.P. - Chandipur

U.Z. - Sundarganj

Dt.. - Gaibandha

Sketch



Main features/ General description of the tube well: Approximately 600 yds west of TRE (New) Depth - 375 ft., Diameter - 8 inch., Operating average 14 hrs/ day.

Colour : Transparent
Odour : Nil

Purpose of use: Irrigation

Water table: Previous - NDA
Present -

Alternate water sources: Nil

Description of tube wells along the transect: (1500X1500) yds.

Type -	TW	STW	DTW
Depth -	46'	75'-80'	375'
No. -	70	17	1

Recharge patterns : Rainfall, River discharges

Possibility of exploitation in the near future :

Water borne diseases in the area : Type - Dysentry, Diarrhoea
Severity-

Previous water quality data (If any) : NDA

Sample Analysis Data

Temp.	°C	26·0	Nitrate	mg/L	Nil	Zinc	mg/L	ND
P^H	mg/L	6·7	Phosphate	mg/L	ND	Iron	mg/L	5·8
TS	mg/L	184	Chloride	mg/L	6·0	Chromium	mg/L	Nil
TDS	mg/L	92	Bromide	mg/L	ND	Arsenic	mg/L	Nil
DO	mg/L	0·3	Fluoride	mg/L	ND	Molybdenum	mg/L	ND
BOD	mg/L	2·5	Sulphate	mg/L	1·1	COD	mg/L	32·0
Ammonia	mg/L	1·3	Boron	mg/L	ND	Total coliform	n/100 ml.	Nil

TRANSECT DATA SHEET - GROUND WATER

Date/Time : 1.3.92/10 AM

Location:

Sample Source : Tube well

Vill. - Ujan Bochagari

Sample Code : G7

U.P. - Chandipur

Transect No. : 3

U.Z. - Sundargonj

Tube well owner's name : Mr. Mrinal Kumar

Dt.. - Gaibandha

Sketch	Same as in Sample Code G6
Main features/ General description of the tube well	Approximately 200 yds. west of the Teesta river and 800 yds. east of TRE towards river side. Depth – 46 ft, Diameter – 4". Platform of the tube well is not cemented.

Colour : Transparent
Odour : Nil

Purpose of use: Drinking & Domestic

Water table: Previous - } NDA
Present - }

Alternate water sources: Teesta river

Description of tube wells along the transect : (1500 X 1500 yds.)

	Type -	Depth -	No. -
	TW	46'	70
	STW	75'–80'	17
	DTW	375'	1

Recharge patterns : Rainfall, River discharges, Flood

Possibility of exploitation in the near future :

Water borne diseases in the area :

Type - Dysentry
Severity -

Previous water quality data (If any) : NDA

Sample Analysis Data

Temp.	°C	24·5	Nitrate	mg/L	Nil	Zinc	mg/L	ND
pH	mg/L	6·5	Phosphate	mg/L	ND	Iron	mg/L	1·2
TS	mg/L	160	Chloride	mg/L	4·0	Chromium	mg/L	Nil
TDS	mg/L	101	Bromide	mg/L	ND	Arsenic	mg/L	Nil
DO	mg/L	2·0	Fluoride	mg/L	ND	Molybdenum	mg/L	ND
BOD	mg/L	40·0	Sulphate	mg/L	Nil	COD	mg/L	38·0
Ammonia	mg/L	0·2	Boron	mg/L	ND	Total coliform	n/100 ml.	100

TRANSECT DATA SHEET - SURFACE WATER

Date/Time : 2.3.92 / 4-30 PM

Sample Source : Ghagot River

Sample Code : G8

Sampling Point : 20 yds. south-east of Dist. Rev. Office

Transect No. : Nil

Location:

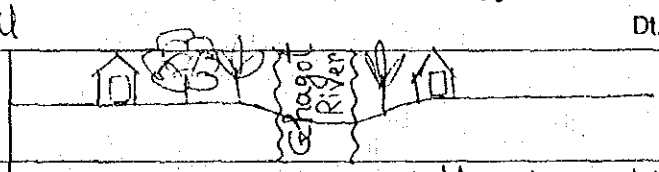
Vil. - Gobindapur

U.P. - Gaibandha No.3

U.Z. - Gaibandha

Dt.. - Gaibandha

Sketch



Main features/ General description of the water body: Depth at the middle is approx. 10 ft. completely dried due to silt deposit in some locations.

Colour : Partly clear

Odour : Nil

Purpose of use: Recreation & Domestic

Water availability: Max.- 20 ft (July) Min.- 10 ft (Feb)

Max. level recorded in the past 10 yrs. : 25 ft in 1988

Aquatic vegetations: Water hyacynth, Algae.

Interconnection with other water bodies: Jamuna river in the down stream.

Effluent discharges into the water body: Domestic

Water borne diseases among the villagers: Diarrhoea, Dysentry.

Pesticides used near the water body: NDA — Type / How long

Use of fertilizer near the water body: NDA — Type / How long

Pollution/Toxicity problem (if any): Type - Fish disease; Severity-Since 4 yrs.; Seasonal variation- NDA; Effect on use-

Precaution taken/ villagers solution: Nil

Previous water quality data (if any): NDA

Sample Analysis Data

Temp.	°C	24·5	Nitrate	mg/L	Nil	Zn	mg/L	ND
pH		8·0	Ammonia	mg/L	0·3	Fe	mg/L	1·1
TS	mg/L	174	Phosphate	mg/L	ND	Cr^{+6}	mg/L	Nil
TDS	mg/L	102	Chloride	mg/L	6·0	As	mg/L	Nil
DO	mg/L	7·5	Sulphate	mg/L	Nil	Total Coliform	n/100 ml.	TNTC
BOD	mg/L	6·6	COD	mg/L	40·0			

2. Regional Surveys

TRANSECT DATA SHEET - SURFACE WATER

Date/Time : 1.3.92/ 1-30 PM

Sample Source : Brahmaputra River

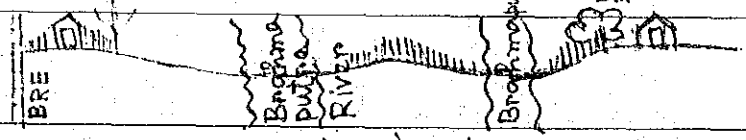
Sample Code : R1

Sampling Point : Approx. 400 yds. north-east of Jorgas Ghat

Transect No. : Nil

Location:
Vill. - Jorgas Ghat
U.P. - Ramna
U.Z. - Chilmari
Dt. - Kurigram

Sketch



Main features/ General description of the water body: Approx. 40 km. down stream from the Indian territory. Depth in the middle is approx. 38 ft. Huge flow of muddy water is reported in July/Aug. almost every year.

Colour : Partly clear
Odour : Nil

Purpose of use: Recreation, Navigation, Drinking, etc.

Water availability: Max.- July/Aug (38')
Min.- Feb/Mar. (18')

Max. level recorded in the past 10 yrs. : In 1988 45 ft.

Aquatic vegetations: Algae

Interconnection with other water bodies: 2 km downstream with Teesta & 15 km. upstream with Dharla

Effluent discharges into the water body: Nil

Water borne diseases among the villagers: Dysentry

Pesticides used near the water body: Type Thiol, Malatthion, Thiodin, etc. How long 10/15 yrs.

Use of fertilizer near the water body: Type Urea, TSP, MP, etc. How long 10/15 yrs.

Pollution/Toxicity problem (if any): Type - Fish killing Severity- Since 1989 Seasonal variation- Max. in Nov./Dec. Effect on use-

Precaution taken/ villagers solution: Nil

Previous water quality data (if any) NDA

Sample Analysis Data

Temp.	°C	21·0	Nitrate	mg/L	Nil	Zn	mg/L	ND
P^H		8·2	Ammonia	mg/L	0·1	Fe	mg/L	0·7
TS	mg/L	212	Phosphate	mg/L	ND	Cr^{+6}	mg/L	Nil
TDS	mg/L	182	Chloride	mg/L	6·0	As	mg/L	Nil
DO	mg/L	8·7	Sulphate	mg/L	11·3	Total Coliform	n/100 ml.	300
BOD	mg/L	2·6	COD	mg/L	25·0			

TRANSECT DATA SHEET - SURFACE WATER

Date/Time : 7.3.92/10-30 AM

Sample Source : Shib River

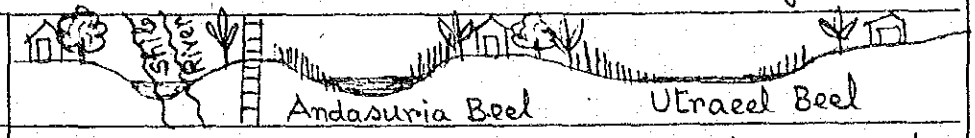
Sample Code : R2

Sampling Point : 150 yds west of Choubaria Bus stand

Transect No. : 1

Location:
Vill. - Choubaria
U.P. - Verso
U.Z. - Manda
Dt.. - Naogaon

Sketch



Main features/ General description of the water body: During dry season acts as a closed water body and gets completely dried in some locations since few years.

Colour : Turbid
Odour : Nil

Purpose of use: Recreation, Irrigation, etc.

Water availability: Max.- July/Aug (35')
Min.- Feb./Mar. (20')

Max. level recorded in the past 10 yrs. : In 1988 — 40ft

Aquatic vegetations: Algae, Water hyacyntch

Interconnection with other water bodies: Upstream with Atrai & downstream with Barnai

Effluent discharges into the water body: Nil

Water borne diseases among the villagers: Diarrhoea, Cholera, etc.

Pesticides used near the water body: Type Sumithion, Furadan, Basudin, etc. How long 10 yrs.

Use of fertilizer near the water body: Type Urea, TSP, Zinc etc. How long 10 yrs

Pollution/Toxicity problem (if any) : Type - Fish disease Seasonal variation- Max in Sept/Oct. Severity- Since few yrs. Effect on use-

Precaution taken/ villagers solution: Nil

Previous water quality data (if any) NDA

Sample Analysis Data

Temp.	°C	23·3	Nitrate	mg/L	Nil	Zn	mg/L	ND
pH		7·7	Ammonia	mg/L	0·3	Fe	mg/L	1·9
TS	mg/L	152	Phosphate	mg/L	ND.	Cr^{+6}	mg/L	Nil
TDS	mg/L	94	Chloride	mg/L	14·0	As	mg/L	Nil
DO	mg/L	6·9	Sulphate	mg/L	0·5	Total Coliform	n/100 ml.	110
BOD	mg/L	2·7	COD	mg/L	24·0			

TRANSECT DATA SHEET - SURFACE WATER

Date/Time : 7.3.92 / 12 Noon
Sample Source : Andasuria Beel
Sample Code : R3
Sampling Point : 250 yds north-east of Chaubaria Bus Stand
Transect No. : 1

Location:
Vill. - Bakapur
U.P. - Verso
U.Z. - Manda
Dt.. - Naogaon

Sketch	Same as in Sample Code R2
Main features/ General description of the water body	Never gets dried and very rich with aquatic plants. Depth in the middle is approx. 10 ft. Acts as closed water body during dry season.
Colour : Transparent Odour : Nil	Purpose of use: Recreation, Irrigation, Drinking, etc.
Water availability: Max.- Aug (30 ft) Min.- Mar (10 ft.)	Max. level recorded in the past 10 yrs. : 1988 → 35 ft.
Aquatic vegetations: Rooted plants, Algae, Hyacynteh	Interconnection with other water bodies: Utraeel Beel only in the summer.
Effluent discharges into the water body: Nil	Water borne diseases among the villagers: Diarrhoea, Dysentry etc.
Pesticides used near the water body:	Type Dieremon, Malathion, Sumithion, etc. How long 10–15 yrs.
Use of fertilizer near the water body:	Type Urea, TSP, MP, etc. How long 10–15 yrs.
Pollution/Toxicity problem (if any) :	Type - Fish disease Severity - 3-4 yrs Seasonal variation - Increases after Effect on use - flood water intakes
Precaution taken/ villagers solution:	Nil
Previous water quality data (if any)	NDA

Sample Analysis Data

Temp.	°C	24·5	Nitrate	mg/L	Nil	Zn	mg/L	ND
pH		7·5	Ammonia	mg/L	0·2	Fe	mg/L	1·0
TS	mg/L	100	Phosphate	mg/L	ND	Cr^{+6}	mg/L	Nil
TDS	mg/L	65	Chloride	mg/L	11·0	As	mg/L	Nil
DO	mg/L	8·4	Sulphate	mg/L	Nil	Total Coliform	n/100 ml.	120
BOD	mg/L	4·2	COD	mg/L	20·0			

TRANSECT DATA SHEET - SURFACE WATER

Date/Time : 7.3.92/ 1-30 PM
Sample Source : Utraeel Beel
Sample Code : R4
Sampling Point : South central
Transect No. : 1

Location:
Vill. - Beel Utraeel
U.P. - Verso
U.Z. - Manda
Dt.. - Naogaon

Sketch	Same as in Sample Code R2
Main features/ General description of the water body	Partly dried during dry season. Depth in the middle is approx 8 ft.

Colour : Turbid Odour : Nil	Purpose of use: Irrigation, Domestic, etc.
Water availability: Max.- Aug. (20 ft.) Min.- March (6ft.)	Max. level recorded in the past 10 yrs. : In 1988 20 ft.
Aquatic vegetations: Water hyacynth	Interconnection with other water bodies: Beel Andasuria and Beel Pobri
Effluent discharges into the water body: Domestic	Water borne diseases among the villagers: Diarrhoea, Dysentry, etc.
Pesticides used near the water body:	Type Furadan, Thiodin, Sumithion, etc How long 10 yrs.
Use of fertilizer near the water body:	Type Urea, Zypsum, TSP, etc. How long 10 yrs.
Pollution/Toxicity problem (if any) :	Type - Fish disease Seasonal variation- Max. after Severity- Since 4 yrs. Effect on use- flood.
Precaution taken/ villagers solution:	Nil
Previous water quality data (if any)	NDA

Sample Analysis Data

Temp.	°C	23·3	Nitrate	mg/L	Nil	Zn	mg/L	ND
pH		7·5	Ammonia	mg/L	0·3	Fe	mg/L	0·9
TS	mg/L	145	Phosphate	mg/L	ND	Cr^{+6}	mg/L	Nil
TDS	mg/L	94	Chloride	mg/L	10·0	As	mg/L	Nil
DO	mg/L	7·6	Sulphate	mg/L	Nil	Total Coliform	n/100 ml.	140
BOD	mg/L	5·0	COD	mg/L	22·0			

TRANSECT DATA SHEET - SURFACE WATER

Date/Time : 5.3.92/11-30AM

Sample Source : Gur River

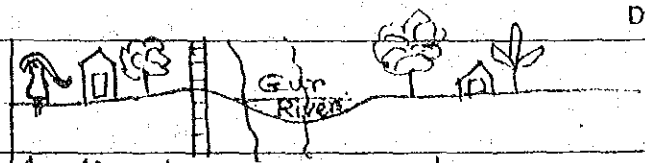
Sample Code : R5

Sampling Point : 250 yds south of Singra bridge.

Transect No. : 2

Location:
Vill. - Solakura
U.P. - Singra
U.Z. - Singra
Dt.. - Natore

Sketch



Main features/ General description of the water body: In the dry season acts as a closed water body due to cross bar across the river both in the upstream and downstream areas. Depth of the river in the middle is approx 20' (wet season) & 10' (dry season)

Colour : Clear
Odour : Nil

Purpose of use: Domestic, Navigation and Irrigation

Water availability: Max.- 25' (Aug)
Min.- 10' (Mar)

Max. level recorded in the past 10 yrs. : 40 ft. in 1988

Aquatic vegetations: Water hyacyn-teh.

Interconnection with other water bodies: Nagor river & Nondokuja river

Effluent discharges into the water body: Domestic

Water borne diseases among the villagers: Cholera, Dysentry

Pesticides used near the water body: Type Diazinon, Malathion, Sumithion
How long 15 yrs.

Use of fertilizer near the water body: Type TSP, Urea, MP, Zinc etc.
How long 14-15 yrs

Pollution/Toxicity problem (if any): Type - Fish disease Seasonal variation- Max in Sept-Dec.
Severity- Since 3-4 yrs. Effect on use-

Precaution taken/ villagers solution: Nil

Previous water quality data (if any) NDA

Sample Analysis Data

Temp.	°C	23·3	Nitrate	mg/L	Nil	Zn	mg/L	ND
pH		7·7	Ammonia	mg/L	0·1	Fe	mg/L	1·1
TS	mg/L	105	Phosphate	mg/L	ND.	Cr^{+6}	mg/L	Nil
TDS	mg/L	70	Chloride	mg/L	8·0	As	mg/L	Nil
DO	mg/L	6·9	Sulphate	mg/L	0·4	Total Coliform	n/100 ml.	116
BOD	mg/L	2·8	COD	mg/L	26·0			

TRANSECT DATA SHEET - GROUND WATER

Date/Time : 5.3.92/ 1-00 PM

Location:

Sample Source : Tubewell

Vill. - Patkol

Sample Code : R6

U.P. - Singra

Transect No. : 2

U.Z. - Singra

Tube well owner's name : Mr. Afaz Ali

Dt.. - Natore

Sketch	Same as in Sample Code R5
Main features/ General description of the tube well	Approx. 150 yds. south-east of Singra Bridge. Depth of the tubewell is 66 ft. Diameter 4 inch. Platform is not cemented

Colour : Transparent Odour : Nil	Purpose of use: Drinking
Water table: Previous - } NDA Present - }	Alternate water sources: Gur River

Description of tube wells along the transect : (900 × 900) yds.	Type -	TW	STW	DTW
	Depth -	66'-70'	80'-90'	400'
	No. -	68	22	3

Recharge patterns : Rainfall / River discharges	Possibility of exploitation in the near future :
Water borne diseases in the area :	Type - Cholera, Dysentry etc. Severity-
Previous water quality data (If any) :	NDA

Sample Analysis Data

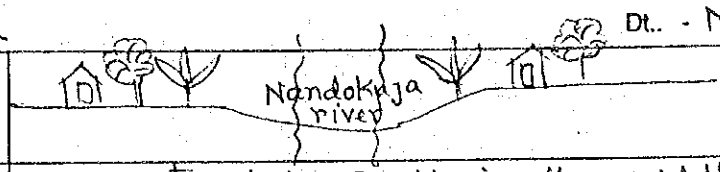
Temp.	°C	25·2	Nitrate	mg/L	Nil	Zinc	mg/L	ND
pH	mg/L	6·8	Phosphate	mg/L	ND	Iron	mg/L	1·6
TS	mg/L	230	Chloride	mg/L	22·0	Chromium	mg/L	Nil
TDS	mg/L	178	Bromide	mg/L	ND	Arsenic	mg/L	Nil
DO	mg/L	2·2	Fluoride	mg/L	ND	Molybdenum	mg/L	ND
BOD	mg/L	12·1	Sulphate	mg/L	8·5	COD	mg/L	42·0
Ammonia	mg/L	1·3	Boron	mg/L	ND	Total coliform	n/100 ml.	34

TRANSECT DATA SHEET - SURFACE WATER

Date/Time : 10.3.92/ 3-30 PM
Sample Source : Nandokuja River
Sample Code : R7
Sampling Point : Holaigari Ghat
Transect No. : Nil

Location:
Vill. - Holaigari
U.P. - Chamari
U.Z. - Singra
Dt.. - Natore

Sketch .



Main features/ General description of the water body: Open water body. Depth in the middle is approx. 12 ft. Water quality suffered almost every year due to Natore Sugar Mills waste disposal.

Colour : Black
Odour : Bad

Purpose of use: Domestic

Water availability: Max.- 20' (Aug).
Min.- 10 (Mar)

Max. level recorded in the past 10 yrs. : 28 ft. in 1988

Aquatic vegetations: Nil

Interconnection with other water bodies: Upstream with Narodth & downstream with Atrai river

Effluent discharges into the water body: Industrial & Domestic

Water borne diseases among the villagers: Dysentry

Pesticides used near the water body: Type Thiol, Furadan, Malathion etc
How long 10-15 yrs.

Use of fertilizer near the water body: Type Urea, TSP, MP, etc.
How long 10-15 yrs.

Pollution/Toxicity problem (if any): Type - Water blackening & Fish killing. Seasonal variation- Max during Sugar Mills clearing operations
Severity- Every year Effect on use-

Precaution taken/ villagers solution: Nil

Previous water quality data (if any) NDA

Sample Analysis Data

Temp.	°C	25·6	Nitrate	mg/L	0·2	Zn	mg/L	ND
pH		8·2	Ammonia	mg/L	1·2	Fe	mg/L	0·9
TS	mg/L	394	Phosphate	mg/L	ND.	Cr^{+6}	mg/L	Nil
TDS	mg/L	332	Chloride	mg/L	15·0	As	mg/L	Nil
DO	mg/L	1·8	Sulphate	mg/L	Nil	Total Coliform	n/100 ml.	80
BOD	mg/L	40·0	COD	mg/L	52·0			

TRANSECT DATA SHEET - SURFACE WATER

Date/Time : 8.3.92 / 11-00 AM

Sample Source : Nandokuja River

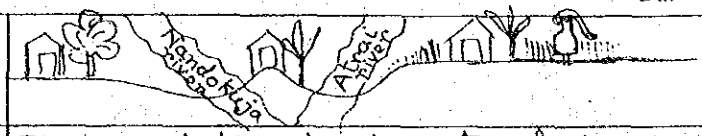
Sample Code : R8

Sampling Point : 50 yds west of Chaskor Kheaghat

Transect No. : 3

Location:
Vill. - Chaskor Bazar
U.P. - Gurudaspur
U.Z. - Gurudaspur
Dt.. - Natore

Sketch



Main features/ General description of the water body: During winter closed water body due to cross-bar construction. Down stream areas completely dried in March/April. Depth in the middle is approx. 10 ft

Colour : Turbid
Odour : Nil

Purpose of use: Recreation & Irrigation

Water availability: Max.- July (25')
Min.- Mar. (10')

Max. level recorded in the past 10 yrs. : Jn 1988 35'

Aquatic vegetations: Water hyacynth.

Interconnection with other water bodies: Padma river in upstream & Atrai river in downstream

Effluent discharges into the water body: Domestic.

Water borne diseases among the villagers: Diarrhoea

Pesticides used near the water body: Type Heptachlor, Basudin, Nogos, etc
How long 10-15 yrs.

Use of fertilizer near the water body: Type Urea, Zinc, TSP, etc.
How long 10-15 yrs.

Pollution/Toxicity problem (if any) : Type - Water blackening & fish killing
Severity - Since few yrs.
Seasonal variation - Max. Feb./March
Effect on use -

Precaution taken/ villagers solution: Nil

Previous water quality data (if any) NDA

Sample Analysis Data

Temp.	°C	25·1	Nitrate	mg/L	Nil	Zn	mg/L	ND
PH		8·0	Ammonia	mg/L	0·7	Fe	mg/L	1·1
TS	mg/L	384	Phosphate	mg/L	ND	Cr^{+6}	mg/L	Nil
TDS	mg/L	330	Chloride	mg/L	19·0	As	mg/L	Nil
DO	mg/L	5·4	Sulphate	mg/L	0·1	Total Coliform	n/100 ml.	TNTC
BOD	mg/L	4·0	COD	mg/L	60·0			

TRANSECT DATA SHEET - SURFACE WATER

Date/Time : 8.3.92/ 12 Noon

Sample Source : Atrai River

Sample Code : R9

Sampling Point : 75 yds north-west of Chaskor Kheaghat

Transect No. : 3

Location:

Vill. - Chaskor Bazar

U.P. - Gurudaspur

U.Z. - Gurudaspur

Dt.. - Natore

Sketch	Same as in Sample Code R8
Main features/ General description of the water body	Down stream completely dries up during March - April. Depth in March is approx. 12 ft.
Colour : Turbid Odour : Nil	Purpose of use: Recreation & Irrigation
Water availability: Max.- Aug (30') Min.- Apr. (10')	Max. level recorded in the past 10 yrs. : 35 ft in 1988
Aquatic vegetations: Water hyacyn-th	Interconnection with other water bodies: Nandakuja river in downstream
Effluent discharges into the water body: Nil	Water borne diseases among the villagers: Diarrhoea, Dysentry etc.
Pesticides used near the water body:	Type Sumithion, Furadan, Heptachlor How long 10-15 yrs.
Use of fertilizer near the water body:	Type Urea, TSP, MP, etc How long 10-15 yrs.
Pollution/Toxicity problem (if any) :	Type - Fish disease Seasonal variation - Max. after Severity - Few yrs. Effect on use - flood water goes
Precaution taken/ villagers solution:	Nil
Previous water quality data (if any)	NDA

Sample Analysis Data

Temp.	°C	24·5	Nitrate	mg/L	Nil	Zn	mg/L	ND
pH		8·0	Ammonia	mg/L	0·6	Fe	mg/L	0·9
TS	mg/L	406	Phosphate	mg/L	ND	Cr^{+6}	mg/L	Nil
TDS	mg/L	350	Chloride	mg/L	18·0	As	mg/L	Nil
DO	mg/L	6·2	Sulphate	mg/L	0·4	Total Coliform	n/100 ml.	190
BOD	mg/L	3·1	COD	mg/L	65·0			

TRANSECT DATA SHEET - GROUND WATER

Date/Time : 8.3.92/1-00 PM

Location:

Sample Source : Shallow Tubewell

Vill. - Ananda Nagar

Sample Code : R10

U.P. - Gurudaspur

Transect No. : 3

U. Z. - Gurudaspur

Tube well owner's name : Mr. Ahmed Saikh

Dt.. - Natore

Sketch	Same as in Sample Code R8
Main features/ General description of the tube well	Shallow tube well approx. 250 yds north-west of Chaskhar Bazar. Depth of the tubewell is approx. 110 ft. Diameter 6 inch. Operating average 16 hrs./24 hrs

Colour : Transparent
Odour : Nil

Purpose of use: Irrigation

Water table: Previous - } NDA
Present - }

Alternate water sources: Atrai river

Description of tube wells along the transect (800×800 Yds)

Type -	TW	STW	DTW
Depth -	60′	100′–110′	400′
No. -	67	15	3

Recharge patterns : Rainfall, River discharge, Flood

Possibility of exploitation in the near future :

Water borne diseases in the area :

Type - Diarrhoea, Dysentry, etc.
Severity-

Previous water quality data (If any) : NDA

Sample Analysis Data

Temp.	°C	26·5	Nitrate	mg/L	Nil	Zinc	mg/L	ND
P^H	mg/L	6·7	Phosphate	mg/L	ND	Iron	mg/L	0·9
TS	mg/L	257	Chloride	mg/L	20·0	Chromium	mg/L	Nil
TDS	mg/L	212	Bromide	mg/L	ND	Arsenic	mg/L	Nil
DO	mg/L	2·6	Fluoride	mg/L	ND	Molybdenum	mg/L	ND
BOD	mg/L	7·5	Sulphate	mg/L	14·1	COD	mg/L	22·0
Ammonia	mg/L	1·0	Boron	mg/L	ND	Total coliform	n/100 ml.	96

TRANSECT DATA SHEET - SURFACE WATER

Date/Time : 10.3.92/ 10-30 AM

Sample Source : Padma River

Sample Code : R 11

Sampling Point : 250 yds south-west of Shah Mokdum Darga Sharif

Transect No. : Nil

Location:

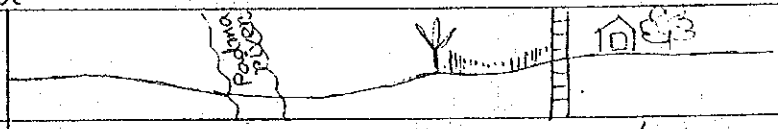
Vil. - Darga para

U.P. - Rajshahi

U. Z. - Rajshahi

Dt.. - Rajshahi

Sketch



Main features/ General description of the water body: Approx. 25 kms. away from Indian border. Depth in the middle is approx. 35 ft. Decrease in water flow & huge sand deposition is reported since 4/5 yrs.

Colour : Pale green

Odour : Nil

Purpose of use: Recreation & Navigation

Water availability: Max.- July (50 ft.) Min.- March (30 ft.)

Max. level recorded in the past 10 yrs. : 50 ft. -in 1988

Aquatic vegetations: Algae

Interconnection with other water bodies: Jamuna in the down-stream

Effluent discharges into the water body: Nil

Water borne diseases among the villagers: Dysentry, Diarrhoea

Pesticides used near the water body: Type NDA How long

Use of fertilizer near the water body: Type NDA How long

Pollution/Toxicity problem (if any) : Type - Fish disease Severity- Since 4/5 yrs. Seasonal variation- Max in Oct./Nov. Effect on use-

Precaution taken/ villagers solution: Nil

Previous water quality data (if any) Available with DOE

Sample Analysis Data

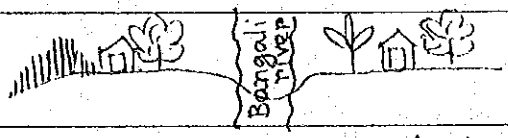
Temp.	°C	23·3	Nitrate	mg/L	Nil	Zn	mg/L	ND
pH		8·1	Ammonia	mg/L	0·2	Fe	mg/L	1·0
TS	mg/L	232	Phosphate	mg/L	ND	Cr^{+6}	mg/L	Nil
TDS	mg/L	190	Chloride	mg/L	14·0	As	mg/L	Nil
DO	mg/L	8·2	Sulphate	mg/L	22·5	Total Coliform	n/100 ml.	100
BOD	mg/L	4·0	COD	mg/L	40·0			

TRANSECT DATA SHEET - SURFACE WATER

Date/Time : 7.3.92 / 5-30 PM
Sample Source : Bangali River
Sample Code : R 12
Sampling Point : Sariakandi ferry ghat
Transect No. : Nil

Location:
Vill. - Sariakandi
U.P. - Sariakandi
U.Z. - Sariakandi
Dt.. - Bogra

Sketch



Main features/ General description of the water body: Depth of the river at the middle is approx. 12 ft. Silt deposition is reportedly increasing every year.

Colour : Turbid
Odour : Nil

Purpose of use: Navigation & Recreation

Water availability: Max.- July/Aug (25')
Min.- March/Apr. (10')

Max. level recorded in the past 10 yrs. : 30-ft. in 1988

Aquatic vegetations: Water hyacyn-th, Algae

Interconnection with other water bodies: Jamuna in the down-stream & Karotoa in upstream

Effluent discharges into the water body: Domestic

Water borne diseases among the villagers: Diarrhoe.

Pesticides used near the water body: Type Sumithion, Dieldrin, Furadan
How long 10 yrs.

Use of fertilizer near the water body: Type Urea, TSP, Zinc
How long 10 yrs.

Pollution/Toxicity problem (if any) : NDA
Type -
Severity-
Seasonal variation-
Effect on use-

Precaution taken/ villagers solution: Nil

Previous water quality data (if any) NDA

Sample Analysis Data

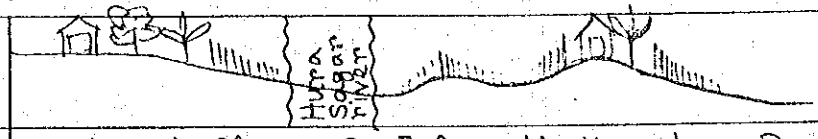
Temp.	°C	25·6	Nitrate	mg/L	Nil	Zn	mg/L	ND
pH		8·2	Ammonia	mg/L	0·2	Fe	mg/L	0·9
TS	mg/L	126	Phosphate	mg/L	ND	Cr^{+6}	mg/L	Nil
TDS	mg/L	88	Chloride	mg/L	7·0	As	mg/L	Nil
DO	mg/L	8·3	Sulphate	mg/L	Nil	Total Coliform	n/100 ml.	170
BOD	mg/L	1·5	COD	mg/L	28·0			

TRANSECT DATA SHEET - SURFACE WATER

Date/Time : 9.3.92/ 12-30 PM
Sample Source : Hurasagar River
Sample Code : R13
Sampling Point : 2500 yds north-west of Nakalia Bazar
Transect No. : Nil

Location:
Vil. - Char Pechakola
U.P. - Nakalia
U.Z. - Bera
Dt.. - Pabna

Sketch



Main features/ General description of the water body: Combined flow of Ichamoti, Karotoa, Boral & Dholeswar rivers. Depth in the middle is approx. 12 ft.

Colour : Pale green
Odour : Nil

Purpose of use: Navigation & Recreation

Water availability: Max.- Aug (32 ft.)
Min.- Apr. (12 ft)

Max. level recorded in the past 10 yrs. : 36 ft. in 1988

Aquatic vegetations: Algae

Interconnection with other water bodies: Jamuna in the down-stream

Effluent discharges into the water body: Nil

Water borne diseases among the villagers: Diarrhoea

Pesticides used near the water body: Type Diazinon, Malathion, Nogos
How long 15 yrs.

Use of fertilizer near the water body: Type Urea, TSP, MP, etc.
How long 15 yrs.

Pollution/Toxicity problem (if any) : NDA
Type -
Severity-
Seasonal variation-
Effect on use-

Precaution taken/ villagers solution: Nil

Previous water quality data (if any) NDA

Sample Analysis Data

Temp.	°C	23·9
pH		8·0
TS	mg/L	215
TDS	mg/L	162
DO	mg/L	8·0
BOD	mg/L	3·9

Nitrate	mg/L	Nil
Ammonia	mg/L	0·3
Phosphate	mg/L	ND
Chloride	mg/L	9·0
Sulphate	mg/L	0·1
COD	mg/L	38·0

Zn	mg/L	ND
Fe	mg/L	1·0
Cr^{+6}	mg/L	Nil
As	mg/L	Nil
Total Coliform	n/100 ml.	40

TRANSECT DATA SHEET - SURFACE WATER

Date/Time : 2.3.92 / 3-30 PM

Sample Source : Jamuna River

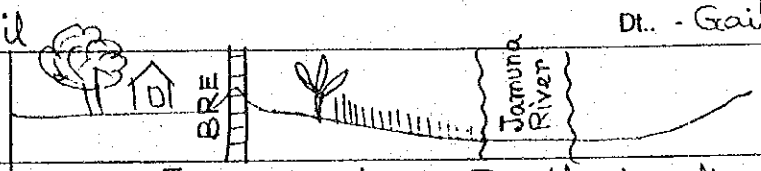
Sample Code : R 15

Sampling Point : 100 yds south-east of Manas Regulator

Transect No. : Nil

Location:
Vill. - Rasulpur
U.P. - Kanchipara
U.Z. - Fulchari
Dt.. - Gaibandha

Sketch



Main features/ General description of the water body: Main Jamuna river. Depth in the middle is approximately 25 ft.

Colour : Turbid
Odour : Nil

Purpose of use: Recreation & Navigation

Water availability: Max.- July (60')
Min.- Feb. (30')

Max. level recorded in the past 10 yrs. : 80 ft in 1988

Aquatic vegetations: Nil

Interconnection with other water bodies: Teesta river in the upstream

Effluent discharges into the water body: Nil

Water borne diseases among the villagers: Diarrhoea, Dysentery

Pesticides used near the water body: Type Dieldrin, Basudin, Nogas, etc
How long 10-12 yrs.

Use of fertilizer near the water body: Type Urea, Zypsum, MP, etc.
How long 10-12 yrs.

Pollution/Toxicity problem (if any): Type - Fish disease Seasonal variation- May in Sept/Oct.
Severity- 4/5 yrs. Effect on use-

Precaution taken/ villagers solution: Nil

Previous water quality data (if any): Available with DOE

Sample Analysis Data

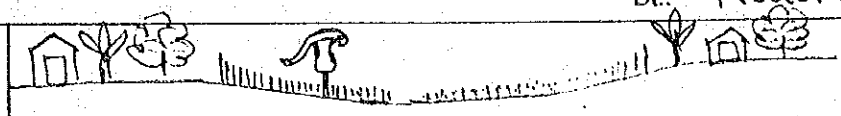
Temp.	°C	21·5	Nitrate	mg/L	Nil	Zn	mg/L	ND
pH		8·1	Ammonia	mg/L	0·3	Fe	mg/L	1·6
TS	mg/L	132	Phosphate	mg/L	ND	Cr^{+6}	mg/L	Nil
TDS	mg/L	46	Chloride	mg/L	7·0	As	mg/L	Nil
DO	mg/L	8·6	Sulphate	mg/L	Nil	Total Coliform	n/100 ml.	250
BOD	mg/L	3·0	COD	mg/L	21·0			

TRANSECT DATA SHEET - SURFACE WATER

Date/Time : 6.3.92/ 12 Noon
Sample Source : Halti Beel
Sample Code : R16
Sampling Point : South Central (Goru Mari)
Transect No. : 4

Location:
Vill. - Halti Beel
U.P. - Piprul
U.Z. - Natore
Dt.. - Natore

Sketch



Main features/ General description of the water body: Open water body and gets completely dried in March/April. Depth in the lower part of the Beel is approx. 3 ft.

Colour : Turbid
Odour : Nil

Purpose of use: Fishing & Irrigation

Water availability: Max.- July (15 ft)
Min.- March (0 ft)

Max. level recorded in the past 10 yrs. : 20ft. in 1988

Aquatic vegetations: Nil ; Previously Algae & Water hyacynteh.

Interconnection with other water bodies: River Atrai and River Barnai through two cannals

Effluent discharges into the water body: Agricultural

Water borne diseases among the villagers: Diarrhoea, Dysentry

Pesticides used near the water body:
Type Basudin, Furadan, Nogos
How long 10/12 yrs.

Use of fertilizer near the water body:
Type Urea, TSP, MP, Zinc, etc.
How long 10/15 yrs.

Pollution/Toxicity problem (if any) :
Type - Fish disease Seasonal variation- Max in Oct.
Severity- Since 3 yrs. Effect on use-

Precaution taken/ villagers solution: Nil

Previous water quality data (if any) NDA

Sample Analysis Data

Temp.	°C	25·5	Nitrate	mg/L	Nil	Zn	mg/L	ND
pH		7·7	Ammonia	mg/L	0·2	Fe	mg/L	1·0
TS	mg/L	207	Phosphate	mg/L	ND	Cr^{+6}	mg/L	Nil
TDS	mg/L	152	Chloride	mg/L	17·0	As	mg/L	Nil
DO	mg/L	8·0	Sulphate	mg/L	12·0	Total Coliform	n/100 ml.	60
BOD	mg/L	6·6	COD	mg/L	26·0			

TRANSECT DATA SHEET - GROUND WATER

Date/Time : 6.3.92/ 1-00 PM

Sample Source : Shallow Tubewell

Sample Code : R 17

Transect No. : 4

Tube well owner's name : Mr. Jainal

Location:

Vill. - Khulur poa (Halti Beel)

U.P. - Piprul

U.Z. - Natore

Dt.. - Natore

Sketch	Same as in Sample Code R 16
Main features/ General description of the tube well	Depth is approx. 110 ft. Diameter 4 inch. Operating average 16 hrs / 24 hrs
Colour : Transparent Odour : Nil	Purpose of use: Irrigation
Water table: Previous - } NDA Present - }	Alternate water sources: Beel water

Description of tube wells along the transect : (900x 900) Yds	Type -	TW	STW	DTW
	Depth -	70'-80'	100'-110'	375'-400'
	No. -	10	90	5

Recharge patterns : Rainfall, Flood	Possibility of exploitation in the near future :
Water borne diseases in the area :	Type - Diarrhoea, Dysentry Severity -
Previous water quality data (If any) :	NDA

Sample Analysis Data

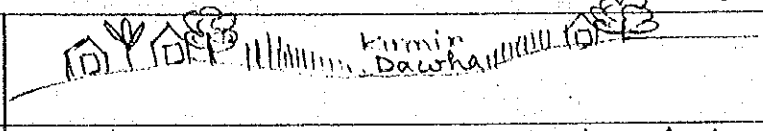
Temp.	°C	26·9	Nitrate	mg/L	2·0	Zinc	mg/L	ND
pH	mg/L	7·2	Phosphate	mg/L	ND	Iron	mg/L	1·0
TS	mg/L	375	Chloride	mg/L	13·0	Chromium	mg/L	Nil
TDS	mg/L	315	Bromide	mg/L	ND	Arsenic	mg/L	Nil
DO	mg/L	2·4	Fluoride	mg/L	ND	Molybdenum	mg/L	ND
BOD	mg/L	9·0	Sulphate	mg/L	35·2	COD	mg/L	55·0
Ammonia	mg/L	0·4	Boron	mg/L	ND	Total coliform	n/100 ml.	100

TRANSECT DATA SHEET - SURFACE WATER

Date/Time : 3.3.92/12 Noon
Sample Source : Kumir Daha (Dead Bangali River)
Sample Code : R18
Sampling Point : North Central
Transect No. : 5

Location:
Vill. - Bangar para
U.P. - Jumar Bari
U.Z. - Saghata
Dt. - Gaibandha

Sketch



Main features/ General description of the water body: Circle shaped closed water body. Previously known as Dead Bangali river. Connected with Jamuna during flood. Depth 10' during dry season.

Colour : Turbid
Odour : Nil

Purpose of use: Irrigation, Domestic, etc

Water availability: Max.- 20' (July-Aug) Min.- 10' (Feb-Mar)

Max. level recorded in the past 10 yrs. : 45 ft in 1988

Aquatic vegetations: Water hyacynth

Interconnection with other water bodies: Nil

Effluent discharges into the water body: Nil

Water borne diseases among the villagers: Diarreha

Pesticides used near the water body: Type Furadan, Nogos, Busudin etc
How long

Use of fertilizer near the water body: Type Urea, TSP, Zip etc
How long

Pollution/Toxicity problem (if any) : Type - Fish disease Seasonal variation- Sept-Oct (Max)
Severity- 50% died Effect on use-

Precaution taken/ villagers solution: Nil

Previous water quality data (if any) NDA

Sample Analysis Data

Temp.	°C	23·3	Nitrate	mg/L	Nil	Zn	mg/L	ND
pH		8·0	Ammonia	mg/L	0·4	Fe	mg/L	1·2
TS	mg/L	177	Phosphate	mg/L	ND	Cr^{+6}	mg/L	Nil
TDS	mg/L	65	Chloride	mg/L	4·0	As	mg/L	Nil
DO	mg/L	7·8	Sulphate	mg/L	Nil	Total Coliform	n/100 ml.	130
BOD	mg/L	5·8	COD	mg/L	32·0			

TRANSECT DATA SHEET - GROUND WATER

Date/Time : 3.3.92 / 1-00 PM

Location:

Sample Source : Tube well

Vill. - Bangar Para

Sample Code : R 19

U.P. - Jumar Bari

Transect No. : 5

U.Z. - Saghata

Tube well owner's name : Public Health Dept.

Dt.. - Gaibandha

Sketch	Same as in Sample Code R 18
Main features/ General description of the tube well	Approx 1200 yds south-east of embankment (river side). Depth 72 ft., Diameter 6 inch. Platform of the tubewell is not concreted.
Colour : Transparent Odour : Nil	Purpose of use: Drinking & Domestic
Water table: Previous - } NDA Present - }	Alternate water sources: Kumir Dawha

Description of tube wells along the transect : (800x800) Yds	Type -	Tubewell	STW	DTW
	Depth -	46'-50'	70'-80'	350'
	No. -	40	40	Nil

Recharge patterns : Flood, Rainfall	Possibility of exploitation in the near future :
Water borne diseases in the area :	Type - Diarrhea, Dysentry Severity-
Previous water quality data (If any) :	NDA

Sample Analysis Data

Temp.	°C	25·5	Nitrate	mg/L	Nil	Zinc	mg/L	ND
P^H	mg/L	7·0	Phosphate	mg/L	ND	Iron	mg/L	2·1
TS	mg/L	290	Chloride	mg/L	38·0	Chromium	mg/L	Nil
TDS	mg/L	198	Bromide	mg/L	ND	Arsenic	mg/L	Nil
DO	mg/L	1·9	Fluoride	mg/L	ND	Molybdenum	mg/L	ND
BOD	mg/L	8·5	Sulphate	mg/L	41·5	COD	mg/L	50·0
Ammonia	mg/L	2·0	Boron	mg/L	ND	Total coliform	n/100 ml.	40