ANNEX 2

WATER QUALITY FIELD SURVEY LOG SHEETS

- 1. GAIBANDHA SURVEY SITES
- 2. REGIONAL SURVEY SITES

1. Gailbandha Surveys

Date/Time : 27.2.92/2-30 PM Location: Sample Source : Harudanga Boel Transect No. : 1 Sketch Main Jeatures General description of the water body Colour : Rartly clear Odour : Ra						and the second s	
Sample Code: Q1 Sampling Point: North - Central Transect No.: 1 Sketch Main teatures/ General description of the water body Colour: Bartly clear Odour: Nil Water availability: Max. July (16 ft) Min- March (6 ft) Aquatic vegetations: Woter kyosyntah Aquatic vegetations: Woter kyosyntah Effluent discharges into the water body: Water availability: Max. July (16 ft) Min- March (6 ft) Max. tevel recorded in the past 10 yrs.: Effluent discharges into the water body: Water availability: Max. July (16 ft) Min- March (6 ft) Max. tevel recorded in the past 10 yrs.: Interconnection with Nil Interconnection with Nil Water borne diseases among the villagers: Diarrhoea, Cholera, among the villagers: Diarrhoea, Cholera, because the water body: Use of lentilizer near the water body: How long 10-15 yrs. How long 5 inex 1 yrs. Effect on use- Previous water quality data (if any): Previous water quality data (if any) Sample Analysis Data Temp. °C 24 5 Nitrate mg/L Nil Zn mg/L ND Previous water quality data (if any) Sample Analysis Data Temp. °C 24 5 Nitrate mg/L Nil Zn mg/L ND Tos mg/L 25 Chloride mg/L ND Cris mg/L Nil TOS mg/L 25 Chloride mg/L ND Cris mg/L Nil TOS mg/L 25 Chloride mg/L ND COD mg/L 80 Sulphate mg/L Nil Total Colliform n/100 ml. 50	Date/Time : 27. 2. 92/	2-30 F	>M		Loc	ation:	
Sampling Point: North - Central Transect No.: 1 Sketch Main features/ General description of the water body Colour: Rartly clear Odour: Nil Water availability: Max. July (16 ft) Min. March (6 ft) Min. Morch (6 ft) Max level recorded 20 ft. in 1988 Interconnection with other water bodies: Disamble among the villagers: Disamble, ede. Pesticides used near the water body: Use of letilizer near the water body: Type Direction. Maximum, TSP, ede. How long 10-15 ye. Type Urea. 245 sum, TSP, ede. How long Since Lorg Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. ° C 24:5 Nitrate mg/L Nil Tos mg/L 46 Phosphate mg/L ND Grie mg/L Nil TOS mg/L 25 Chloride mg/L ND On mg/L 8:0 Sulphate mg/L Nil Tos mg/L 25 Chloride mg/L Nil Tos mg/L 8:0 Sulphate mg/L Nil Tos mg/L 8:0 Sulpha	Sample Source: Harudang	a Bee	l		Vii).	. Kala	
Sampling Point: North - Central Transect No.: 1 Sketch Main features/ General description of the water body Colour: Rartly clear Odour: Nil Water availability: Max. July (16 ft) Min. March (6 ft) Min. Morch (6 ft) Max level recorded 20 ft. in 1988 Interconnection with other water bodies: Disamble among the villagers: Disamble, ede. Pesticides used near the water body: Use of letilizer near the water body: Type Direction. Maximum, TSP, ede. How long 10-15 ye. Type Urea. 245 sum, TSP, ede. How long Since Lorg Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. ° C 24:5 Nitrate mg/L Nil Tos mg/L 46 Phosphate mg/L ND Grie mg/L Nil TOS mg/L 25 Chloride mg/L ND On mg/L 8:0 Sulphate mg/L Nil Tos mg/L 25 Chloride mg/L Nil Tos mg/L 8:0 Sulphate mg/L Nil Tos mg/L 8:0 Sulpha	Sample Code : G-1				U.F	. Annada	Nagar
Sketch Main features/ General description of the water body Colour: Partly clear Odour: Nil Water availability: Max. July (16ft) Min. March (6ft) Min. March (6ft) Min. March (6ft) Min. Morch (6ft) Max. level recorded 20 ft. in 1938 Interconnection with other water body: Effluent discharges into the water body: Pesticides used near the water body: Use of fertilizer near the water body: Type Diverger, Molathon, Basudin, How long 12-15 ys: Type Urea Fysum, TSP, ate. How long Since long Previous water quality data (if any) Previous water quality data (if any) NDA Sample Analysis Data Temp. ° C 24.5 Nitrate mg/L Nil Tos mg/L 46 Phosphate mg/L Nil Tos mg/L 25 Chloride mg/L A:O Suphate mg/L Nil Tos mg/L 25 Chloride mg/L A:O Suphate mg/L Nil Tos mg/L 25 Suphate mg/L Nil Tos mg/L 8:O Suphate mg/L Nil Total Coliform 1/100 ml. 50	Sampling Point: Novili - Ce	rtral			U. 2	z - Pirgaeti	λ
Main features/ General description of the water body Colour: Rartly clears Odour: Nil Water availability: Max. July (16ft) Min. March (6ft) Aquatic vegetations: Woter Rycayntan in the past 10 yrs. Effluent discharges into the water body: Pesticides used near the water body: Use of fertilizer near the water body: Pollution/Toxicity problem (if any): Precaution taken villagers: Nil Previous water quality data (if any) Sample Analysis Data Tos mg/L 46 Phosphate mg/L Nil Closed Woter Isody opproximately 1600 yds x Depth in the middle is opprox. 6ft. Purpose of use: Recrection, Domestic. Irrigation, 2 Livestock. Max. level recorded in the middle is opprox. 6ft. Irrigation, 2 Livestock. Max. level recorded in the past 10 yrs. Interconnection with Nil other water bodies: Other water bodies: Other water bodies: Interconnection with Nil other water bodies: Other wate	Transect No. : 1				Dt	Rangpur	
of the water body Colour: Rartly clear Odour: Nil Water availability: Max. July (16 ft) Min. March (6 ft) Min. March (6 ft) Min. Morch (6 ft) Aquatic vegetations: Water Ryacyntch Effluent discharges into the water body: Pesticides used near the water body: Use of fertilizer near the water body: Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Tos mg/L 46 Phosphate mg/L Nil Purpose of use: Recrection, Domestic, Irringotion, 2 Livestock. Max. tevel recorded in the past 10 yrs. Interconnection with other past 10 yrs. Water borne diseases Diarrhoea, Cholera, Dysentry, cle. Type Directory, Nadathion, Basudin, How long 10-15 Yts. Type Urea, Itringotion, Basudin, How long Since Lorg Severity-Since 3 yrs. Effect on use. Previous water quality data (if any) NIA Sample Analysis Data Temp. ° C 24.5 Nitrate mg/L Nil Tos mg/L 46 Phosphate mg/L ND Cre mg/L Nil TDS mg/L 25 Chloride mg/L 40 Sulphate mg/L Nil Total Coliform N100 ms. 50		1 1				~~	(100)
Odour: Nil Water availability: Max. July (16 ft.) Min. Morch (6 ft) Min. Morch (6 ft) Aquatic vegetations: Water hypocyntch in the past 10 yrs. Effluent discharges into the water body: Pesticides used near the water body: Use of fertilizer near the water body: Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Tos mg/L 46 Phosphate mg/L Nil Tos mg/L 25 Chloride mg/L Nil Max. tevel recorded in the past 10 yrs. Interconnection with on the past 10 yrs. Water borne diseases Diarrhoea, Cholera, Ch		d wat yds 1	ir lso Depth i	क गाउ क	proximately middle is	1600 yds; approx. 6-	kt.
Min. Morch (6ff) in the past 10 yrs: Aquatic vegetations: Water Ryocyntch S. Algae Effluent discharges into the water body: Pesticides used near the water body: Use of fertilizer near the water body: Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Min. Morch (6ff) in the past 10 yrs: Interconnection with other water bodies: Nil Water borne diseases Diarrhoea, Cholera, among the villagers: Dysentry, etc. Type Drivespor, Malathian, Basudin, How long 10-15 yrs: Type Urea, Zypsum, TSP, etc. How long Since Long Pollution/Toxicity problem (if any): Severity-Since 3 yrs. Effect on use- Frecoulting taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. ° C 24.5 Nitrate mg/L Nil Zn mg/L NII TS mg/L 46 Phosphate mg/L ND. Cr'6 mg/L NII TDS mg/L 25 Chloride mg/L 4.0 As mg/L NII DO mg/L 8.0 Sulphate mg/L NII Total Coliform n/100 ml. 50			Purpos	e of use:	Recreation, Irrigation,	Domestic. & Livesto	ek.
Other water bodies: Effluent discharges into the water body: Pesticides used near the water body: Use of tertilizer near the water body: Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. ° C 24.5 Nitrate mg/L Nil TS mg/L 46 Phosphate mg/L ND TOS mg/L 25 Chloride mg/L Nil Tos mg/L 25 Chloride mg/L Nil Total Coliform n/100 ml. 50 Other water bodies: Water bome diseases Diarrhoea, Cholera, Cholera, Cholera, Diarrhoea, D	Min March	(6ff)	in the p	ast 10 yrs		in 1988	:
into the water body: Pesticides used near the water body: Use of fertilizer near the water body: Type Divergor, Malathian, Basudin, How long 10-15 ys: Type Urea. 2 yesum, TSP, etc. How long Since Long Pollution/Toxicity Type. Fish disease. Seasonal variation. Mox. (Sept-Feb.) Precaution taken/ villagers solution: 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. Or mg/L Nil TDS mg/L 25 Chloride mg/L 4.0 As mg/L Nil Total Coliform n/100 ml. 50	Aquatic vegetations: Water hy	aeynteh.			s: NX		
the water body: Use of fertilizer near the water body: Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) 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 TDS mg/L 8.0 Sulphate mg/L Nil Total Coliform n/100 ml. 50			among th	ne villagers	: Dysonto	y, etc.	<u> </u>
the water body: How long Since Long Pollution/Toxicity problem (if any): Type - Fish clusease. Seasonal variation- Max. (Sept-Feb.) Precaution taken/ villagers solution: Previous water quality data (if any) NDA Sample Analysis Data Temp. ° C 24.5 Nitrate mg/L NU 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 NU TDS mg/L 25 Chloride mg/L 4.0 As mg/L NU DO mg/L 8.0 Sulphate mg/L NU Total Coliform n/100 ml. 50	l control of the cont		: How lot	ng - 10,-	·15 /8: ·		
Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. ° C 24.5 Nitrate mg/L Nil The mg/L 46 Phosphate mg/L ND Cr 6 mg/L Nil Tos 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			How for	ng Sin	ee long		
villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. ° C 24.5 Nitrate mg/L NU 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 NU TDS mg/L 25 Chloride mg/L 4.0 As mg/L NU DO mg/L 8.0 Sulphate mg/L NU Total Coliform n/100 ml. 50	1 · · · · · · · · · · · · · · · · · · ·	Typ Sev	e - Fish verity-Sin	or 3 AL. Greeze	Seasonal vari	ation Max. (5	ept- Feb.)
quality data (if any) 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	INU						
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	N-112			· .			
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 NU TDS mg/L 25 Chloride mg/L 4'0 As mg/L NU DO mg/L 8'0 Sulphate mg/L NU Total Coliform n/100 ml. 50	Sample Analysis Data				·	· · · · · · · · · · · · · · · · · · ·	
TS mg/L 46 Phosphate mg/L ND Cr 6 mg/L NU TDS mg/L 25 Chloride mg/L 4.0 As mg/L NU Total Coliform n/100 ml. 50	Temp. ° C 24.5	Nitrate	mg/L	Nil	Zn	mg/L	ND
TDS mg/L 25 Chloride mg/L 4.0 As mg/L Nil Total Coliform n/100 ml. 50	рн 7.4	Ammoni	a mg/L		Fe	mg/L	. 1.1
TDS mg/L 25 Chloride mg/L 4.0 As mg/L Nil Total Coliform n/100 ml. 50	TS mg/L 46	Phospha	ate mg/L	ND	Cr ^{*6}	mg/L	Nil
DO mg/L 8.0 Sulphate mg/L NU Total Coliform n/100 ml. 50	25	Chloride	mg/L	4.0		mg/L	Nil
COD may 12.0	9.0	Sulphate	e mg/L	Nil	Total Colife	orm n/100 ml.	20
	A. T]		12.0		<u> </u>	

e e de la crista de la crista de cipación de la companiente de la crista de la crista de la crista de la crista La crista de la crista del crista de la crista del crista de la crista del crista de la crista de la

Date/Time : 27, 2	92/4 PM	Location:				
1	Sample Source: Shallow Tube well VIII Kalatey.					
· ·	Sample Code: G2 U.P Annada Nagar					
Transect No. : 1	1 1	U.ZPingacha				
Tube well owner's name:	Mr. Abdul Jobbar	DI Rangpur				
Sketch		ample Code G1				
Main features/ General description of the tube well	Beel Depth - 70 f	o yds north of the Harudango et. Diamoter - 4". Operating 24 hs. since 5 yrs.				
Colour: Transpare Odour: Nil	nt Purpose	ofuse: Irrigation				
Water table: Previous - } NDA Alternate water sources: Handanga Beel						
Description of tube wells along the transect : (900) yds Recharge patterns : 800	. No. 200	STW DTW 70-75' 350' 16 2 iity of exploitation				
Water borne diseases in the area :	Water borne diseases Type. Diarrhoea, Dysentry, etc.					
Previous water quality data (If any) :	ADA	•				
Sample Analysis [Data					
Temp. °C 26°0 pH mg/L 6'5 TS mg/L 133 TDS mg/L 53 DO mg/L 0'8 BOD mg/L 12°0 Ammonia mg/L 1'2	Nitrate mg/L Mil Phosphate mg/L MD Chloride mg/L 6.8 Bromide mg/L MD Fluoride mg/L MD Sulphate mg/L Nil Boron mg/L ND	Zinc mg/L MD fron mg/L 2.9 Chromium mg/L Nil Arsenic mg/L Nil Molybdenum mg/L ND COD mg/L 18.0 Total coliform n/100 ml. 12.0				

Date/Time : 28.2.92/	12-05	PM	· · · · · · · · · · · · · · · · · · ·	Le	ocation:	
Sample Source: Teesta	River			ν	II Painal	Ghat
Sample Code : G-3				_	I.P	0
Sampling Point: Approx. & Painal Go	300 yd	ร Sout	h-east	c of u	1.ZPirga	ena
Transect No. : NU					1 Rang	bns,
63	A Rivo	denst Yeng herin	13		Test of	101
Sketch		A TOTAL COL	dation du	rime Jan Ja	2 }	
Main features/ West General description 46c	chann	iel of	sorddo Xorddo	Teesta vi	ver. Det	oth at
of the water body	110(0.0(-		T [*	(0) (.		·
Colour: Partly clear Odour: Mil		Purpos	e of use:	Recreation Navigation	n, Drinki on .	sel,
Water availability: Max 30 ft (Min 12 ft			vel record ast 10 yrs		in 1988	<u> </u>
Aquatic vegetations: NU			nection w ater bodie:	ith Jamuns s: stream	i niver i i near Ha	n down
Effluent discharges ハゾ		among th	rne diseas le villagers			
Pesticides used near the water body:	· .	How lor	ig 15	n, Molath 16 yrs		
Use of fertilizer near the water body:				TSP, MP, 2	ine subject	ele.
Pollution/Toxicity problem (if any) :	Typ Sev	e-Fish verity-Since	discaso	Seasonal va	nriation-Max e-	in Oel/ Nov.
Precaution taken/ NU villagers solution:						
Previous water quality data (if any)				:		
Sample Analysis Data			· · · · · · · · · · · · · · · · · · ·		·	
Temp. °C 22.℃	Nitrate	mg/L	Nd	Zn	mg/L	ND
рн 7'7	Ammoni	a mg/L	0.2	Fe	mg/L	1.8
TS mg/L 149	Phosph	ate 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	e mg/L	Ny	Total Co	litorm n/100 r	nl. 160
BOD mg/L 1.8	COD	mg/L	12.0			
	<u> </u>					•

<u> </u>							
Date/Time : 29	1.2.92/	10-30	AM		Loca	tion:	
Sample Source: Bo	Sample Source: Barnandanga Beel			VII.	- Ramvas	dra	
Sample Code : 🔾		· ·				-Sarbano	
Sampling Point : St	outh-ea	st con	ner		U.Z.	- Sundar	gon]
Transect No. : 2				· ·	Dt	- Gaileo	ndha
	10	Â. hu.	D -			2	
Sketch	~	- IIIIII	EO.V	wandang	A		
				<u> </u>		<u> </u>	<u> </u>
Main features/ General description	In dr	y seas	on ciel	s as flood c	a closed voter enters	through	cannols.
of the water body	Area	20007	ds X 3	oo yds	. Depth appr	12 f	٨.
Colour: Clear Odour: Nij	·			e of use:	Recreation, Irrigation		
	- 61-6	Z.,0.,7.					
Water availability: Max. Min	· 20ft(March)	Max. le in the p	evel recorde past 10 yrs.			
Aquatic vegetations:	Noter hy Llgge, Ro	acyrth,	4	nnection w vater bodie:			
Effluent discharges into the water body:	иц		among t	orne diseas he villagers	: Daria.		
Pesticides used near the water body:			Type How lo	Thiodin	Thional, D	anada, Di	rowsan
Use of fertilizer near			Туре	Urea, T	SP, MP, Zypsi	lm, Zine.	sulphate
the water body:	· · · · · · · · · · · · · · · · · · ·				e 10 ys		
Pollution/Toxicity problem (if any):		Typ Sev	e Fish verity 50)		Seasonal variant Effect on use-	ion flood W	ies with later intak
Precaution taken/ villagers solution:	Nil						<u> </u>
Previous water quality data (if any)	ADA				en e		
Sample Analysi	s Data			:			
Temp. ° C	22.0	Nitrate	mg/L	ИЦ	Zn	mg/L	ND
P ^H	8.0	Ammoni	a mg/L	0.3	Fe	mg/L	0.9
TS mg/L	117	Phosph	ate mg/L	ND	Cr ⁺⁶	mg/L	NU
TDS mg/L	54	Chloride	mg/L	6.0	As	mg/L	Nil
DO mg/L	8.0	Sulphate	e mg/L	NJ	Total Colifor		
BOD mg/L	3.0	COD	mg/L	30.0			
	<u> </u>	L					

Date/Time : 29.2	.92/11-30	MA		Location:
Sample Source: Shall	ow Tubewel	L		VII Rom vadra
Sample Code : G. 5				U.P Sarbananda
Transect No. : 2	: \			U.Z. Sundar gonj
Tube well owner's name :	Mr. Delwa	r Hossain		DI. Gaileandha
Sketch		in Sampl		G-4
Main features/ General description of the tube well	Approx. 3 Beel. Do Operating	300 yds 6 2pth - 80 f average 8-	east of it, Dian	Bamandanga meter - 5%. hr since 2 yrs.
Colour: Transpar Odour: NU	ent	Purpose of use:	Irrigat	ion
Water table: Previou Preser	IS- } NDA	Alternate water	sources: Ba	wandanga Beel
Description of tube wells along the transect : (900	Туре - х 450) Depth - афтох No		TW 70: 80 50	DTW 250' 3
Recharge patterns : Be	infall el discharges ood	1	re:	
Water borne diseases in the area :	Type Sev		ea, Dyse	ntry
Previous water quality data (If any) :	Ad			•
Sample Analysis [Data		· · · · · · · · · · · · · · · · · · ·	
Temp. °C 260 PH mg/L 67 TS mg/L 290 TDS mg/L 165 DO mg/L 2:0 BOD mg/L 22:0 Ammonia mg/L 1:6	Nitrate mg/L Phosphate mg/L Chloride mg/L Bromide mg/L Fluoride mg/L Sulphate mg/L Boron mg/L	ND ND ND ND ND	Zinc Iron Chromium Arsenic Molybdenum COD Total coliform	mg/L ND mg/L 8:0 mg/L Nil mg/L Nil mg/L ND mg/L ND mg/L 40:0 n/100 ml. 80

Date/Time : 1.3.92/11 AM	Location:
Sample Source: Deep Trube Well	VIII Chamar Tari
Sample Code : 6-6	up Chandipur
Transect No. : 3	u.zSundar gonj
Tube well owner's name: GRAMEEN B	
Main features Approximate General description Depth - 37	ty 600 yds west of TRE. (New 75 ft., Diameter - 8 inch.,
of the tube well Operating	average 14 hrs/day.
Colour: Franciparent Odour: Nil	Purpose of use: Impigation
Water table: Previous - NDA	Alternate water sources: N:
along the transect :(1500×1500) Depth - yds . No	TW STW DTW 46' 75-80' 375' 70 17 1
Recharge patterns: Rainfall River discharges	
Water borne diseases Type - in the area: Severit	
Previous water quality data (If any) :	
Sample Analysis Data	
Temp. ° C 26.0 Nitrate mg/L	Nil Zinc mg/L ND ND Iron mg/L 5.8
p ^H mg/L 6'7 Phosphate mg/L	6.0 Chromium mg/L NU
Demmide mail	ND Arsenic mg/L NU
DO mg/L 03 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. N以

THANSECT DATA SHEET -	GHOUND WATER
Date/Time : 1.3.92/10 AM	Location:
Sample Source: Tube well	VIII Ujan Bochagar
Sample Code : G 🛪	U.P Chandipur
Transect No. : 3	U.ZSundargonj
Tube well owner's name: Mr. Mrinal Kumar	Dr. Gaileandha
	emple Code G6
of the tube well river and 800 yas. river side. Depth- Platform of the tube	yds. West of the Teesta east of TRE towards 46 ft, Diameter - 4".
	: Drinking & Domestic
Water table: Previous - 3 NDA Alternate water	er sources: Toesta river
along the transect: (1500 x 1500 Depth - 46' 75' yds No. 70	7-80' 375'
Recharge patterns: Rain fall Possibility of a in the near tu	* .
Water borne diseases Type - Dyserd in the area: Severity-	ry .
Previous water NDA quality data (if any) :	
Sample Analysis Data	
Temp. ° C 24.5 Nitrate mg/L N\(\text{\mathcal{U}}\) PH mg/L 6.5 Phosphate mg/L N\(\text{\mathcal{D}}\) TS mg/L 160 Chloride mg/L 4.0 TDS mg/L 101 Bromide mg/L N\(\text{\mathcal{D}}\) DO mg/L 2.0 Fluoride mg/L N\(\text{\mathcal{D}}\) BOD mg/L 40.0 Sulphate mg/L N\(\text{\mathcal{U}}\) Ammonia mg/L 0.2 Boron mg/L N\(\text{\mathcal{D}}\)	Zinc mg/L ND. Iron mg/L 1'2 Chromium mg/L N'U Arsenic mg/L N'U Molybdenum mg/L N'U COD mg/L ND Total coliform n/100 ml. 100

<u>and the state of </u>	- 13 Table 1					
Date/Time : 2.3.92	2/4-30	PM		Loca	tion:	
Sample Source: Chago	t River			Vill.	- Golindo	pur
Sample Code : G-8	cast	•	•		Gailband	(ha Nois)
Sampling Point: 20 yds.	cast south-of	Dist.	Rov. C	Iffice U.Z	- Garbo	indha
Transect No. : NU		3	•	Dt	- Gailba	ndha
Sketch	000	Rigger St.	个位			
	pepth at ampletely some local	the dried stiers.	middl I due	to sill a	rox. 10 deposit	ft.
Colour: Partly clea Odour: Nil	r	Purpos	e of use:	Recreation	g Do	mestie
	Pt (Fele)	in the p	vel recorde past 10 yrs.	<u> </u>	in 1988	
Aquatic vegetations: Water Alga	hyacyntol e.	, Intercor other w	nection wi ater bodies	down &	stream.	in the
Effluent discharges Dominto the water body:	restic		rne disease ne villagers		iea, Dys	entry.
Pesticides used near the water body:	NDA	Type How lo	ng			
Use of fertilizer near the water body:	ACM	Type How lor	1g			
Pollution/Toxicity problem (if any) :		verity-Sinc			tion- NDA	
Precaution taken/ Nil						·
Previous water quality data (if any)	DΑ					·
Sample Analysis Dat	a					
Temp. °C 24		mg/L	NI	Zn	. mg/L	ND
	O Ammoni		0.3	Fe	mg/L	1.1
₽н 8.	•		· N (*) }			
рн 8· тs mg/L 174	Phosph	ate mg/L	ND.	Cr ⁺⁶	mg/L	NU
471	•		6.0	Cr ^{†6} As	mg/L mg/L	NU
15 mg/L 174	Phosph Chloride	mg/L			mg/L	

2. Regional Surveys

Date/Time : 4.3.92/1-30 PM	Location:
Sample Source: Brahmaputra Rive	r VIII Jorgas Ghat
Sample Code : R1	U.P Ramna
Sampling Point : Approx. 400 yds. nort	
Transect No. Schat	& or Kurigram
Landin	
Sketch	See Seminimum Se Julius III
i iii	\max\alpha \dag{\pi}
Main features/ Approx. 40 K	m. down stream from the Indian
I Of the Water body I Huge, I face of a	pth in the middle is approx. 38 ft. middy water is reported in July/Aug.
1.34 - 1.30 m SS (1.34 - 1.35 m)	year.
Colour: Partly clear Odour: Nil	Purpose of use: Recreation, Mavigation,
Odom - NU	Drinking, etc.
Water availability: Max. July Ang (38)	Max. level recorded In 1988 45 ft.
Min. Fels/Mar. (18)	in the past 10 yrs.:
Aquatic vegetations: Algae	Interconnection with 2 km downstream with Teesto
	otherwaterbodies: & 15 km. upstream with Dharla
1	Vater borne diseases mong the villagers: Dysentry
Pesticides used near the water body:	Type Thiol, Malathian, Thiodin, etc. Howlong 10/15 yrs.
Use of fertilizer near the water body:	Type Urea, TSP, MP, etc. Howlong 10/15 yrs.
	Fish Killing Seasonal variation-Max. in Nov./ ly-Since 1989 Effect on use-
Precaution taken/ NU villagers solution:	
Previous water quality data (if any)	
Sample Analysis Data	
Temp. ° C 21'O Nitrate	mg/L Mil Zn mg/L MD
P ^H 8·2 Ammonia	mg/L 0.1 Fe mg/L 0.7
TS mg/L 212 Phosphate	
100	Cr
8.7	11.2
DO mg/L Sulphate	Total Comonti 17 100 Hil.
BOD mg/L 2.6 COD	mg/L 25'0

Date/Time: 7.3.92/10-30 AM Sample Source: Shile River Sample Code: R2 Sampling Point: 150 yds West of Chowleania Bus stand U.Z. Manda Transect No.: 1 Sketch Main features/ General description of the water body Date of the water body Location: Vil. Chowleania Dup. Venso Chowleania Bus stand U.Z. Manda Di Naogao Andasuria Beel Utraeel Beel Duping dry season acts as a closed body and gets completely dried in son locations since few years.	n L water
Sampling Point: 150 yds West of Choubaria Bus stand U.Z Manda Transect No.: 1 Sketch Main features/ General description Sampling Point: 150 yds West of Choubaria Bus stand U.Z Manda U.Z Ma	n L water
Sampling Point: 150 yds west of Chowbaria Bus stand U.Z Manda Transect No.: 1 Sketch Main features/ General description During dry reason acts as a closed body and got's completely dried in room	n L water
Sketch Di. Naogaon Sketch Di. Naogaon Andasuria Beel Utracel Bee Main features During dry season acts as a closed General description body and gets completely dried in son	n L water
Sketch During dry season acts as a closed General description body and gets completely dried in son	d water
Sketch Andasuria Beel Utracel Bee Main features During dry season acts as a closed General description body and gets completely dried in son	water
Main features During dry season acts as a closed General description body and gets completely dried in son	water
	ne
Colour: Turbid Purpose of use: Recreation, Irrigation Odour: Nil	, ele.
Water availability: Max. July And (35) Max. level recorded In 1988 — 40f Mar. (20) in the past 10 yrs. :	
Aquatic vegetations: Algae, Water Interconnection with Upstream with At Other water bodies: downstream with B	arnai
Effluent discharges Mil Water borne diseases Diarrhoza, Choler among the villagers:	
Pesticides used near Type Sumithion, Furadan, Basudi the water body: How long 10 yrs	n, ste.
Use of fertilizer near the water body: Type Unea, TSP, Zinc etc. How long 10 y &	
Pollution/Toxicity Type - Fish disease Seasonal variation- Max in problem (if any): Severity- Since few yrs Effect on use-	n Sept/ et.
Precaution taken/ villagers solution:	
Previous water quality data (if any) NDA	
Sample Analysis Data	
Sample Analysis Data Temp. ° C 23.3 Nitrate mg/L Nil Zn .mg/L	ND
Sample Analysis Data Temp. ° C 23.3 Nitrate mg/L Nil Zn .mg/L PH 7.7 Ammonia mg/L 0.3 Fe mg/L	ND 1.9
Sample Analysis Data Temp. ° C 23.3 Nitrate mg/L Nil Zn .mg/L PH 7.7 Ammonia mg/L 0.3 Fe mg/L	•
Sample Analysis Data Temp. ° C 23·3 Nitrate mg/L Nil Zn mg/L PH 7·7 Ammonia mg/L 0·3 Fe mg/L TS mg/L 152 Phosphate mg/L ND. Cr*6 mg/L	1.9
Sample Analysis Data Temp. ° C 23·3 Nitrate mg/L Nil Zn .mg/L PH 7·7 Ammonia mg/L 0·3 Fe mg/L TS mg/L 152 Phosphate mg/L ND. Cr*6 mg/L	1.9 Nil Nil

Detertine: 7.3.92/12 Noon Sample Source: Andas Unia Bed Sample Source: Andas Unia Bed Sample Code: R.3 Sampling Point: 250 yds north-east of Choubaria Bus U.Z. Manda Itransect No.: 1 Sketch Some as in Somple Code R.2 Main features/ General description of the water body of the water body Colour: Transparent Water availability: Max. Aug. (30 ft) Min. Mar. (10 ft) Min. Mar. (10 ft) Min. Mar. (10 ft) Max. level recorded in the past to yrs. Eithent discharges into the water body: Pesticides used near the water body: Use of tentilizer near the water body: Petilizer near the water body: Precaution takenv villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. ° C. 24 5 Nitrate mgt. Nil TDS mgt. 65 Chloride mgt. Nil TOS mgt. 65 Chloride mgt. Nil Total Colform nv100 ml. 120					
Sample Code: R3 Sampling Point: 250 yds north-east of Chowbaria Bus U.Z. Manda Transect No.: 1 Sketch Some as in Sample Code R2 Main features/ General description of the water body. Min. Mar. (20 ft.) Min. Mar. (20 ft.) Min. Mar. (10 ft.) Aquatic vegetations: Rosted plants, Algae, Hyaeyntek. Effluent discharges into the water body: Wester availability: Max. Aug. (30 ft) Min. Mar. (10 ft.) Min. Mar. (200 min.) Mar.	Date/Time : 7.3		on	Location	າ:
Sampling Point: 250 yds north-east of Chaubaria Bus U.Z. Manda Transect No.: 1 Sketch Some as in Somple Code R2 Main features/ General description of the water body Odour: Transparent Odour: Transparent Odour: Transparent Water availability: Max. Aug (30 ft) Min. Mar (10 ft): Mar. Mar (10 ft): Max level recorded in the past 10 yrs: Interconnection with Utracel Beal only in other water body: Mater discharges into the water body: Water body: Water orm diseases Diorr hoea. Dysentry element water body: Use of fertilizer near the water body: Pollution/Toxicity Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. ° C 24.5 Nitrate mg/L Nil Tos mg/L 65 Chloride mg/L Nil Total Collorm n/100 mt. 120	Sample Source : And	lasuria Beel		ViI ¹	Bakapur
Sampling Point: 250 yds north-east of Chaubaria Bus U.Z. Manda Transect No.: 1 Sketch Some as in Somple Code R2 Main features/ General description of the water body Odour: Transparent Odour: Transparent Odour: Transparent Water availability: Max. Aug (30 ft) Min. Man (10 ft): Mar. Man (10 ft): Max. level recorded in the past 10 yrs: Interconnection with Utracel Beal only in other water body: Pesticides used near the water body: Use of fertilizer near the water body: Politition Toxicity Precaution taken/ Villagers solution: Previous water quality data (ff any) Sample Analysis Data Temp. ° C 24-5 Nitrate mg/L Nil Tos mg/L 65 Chloride mg/L Nil Tos mg/L 65 Con mg/L 20-0 Main features/ Bess J. North aguation of the water body: North aguation the water pody: North aguation as in Somple Code R2 R2 Dh. Noogaon Dh. Noogaon Rac vint aguation and wind under with aguation of the water body along of the water pody of the water pody: Interconnection with Utracel Beal only in other water bodies: the Summer. Water bond diseases Diorr hoea. Dysentry of among the villagers: Type Dieremon, Malathion, Sumithion Pierewon, Malat	Sample Code : R 3			U.P	Verso
Sketch Some as in Sample Code R2 Main features' General description of the water body Colour: Transparent Odour: Nil Water availability: Max. Aug (30 ft) Min. Mar (10 ft.) Min. Mar (10 ft.) Min. Mar (10 ft.) Max lever recorded in the past 10 yrs. Interconnection with Utracel Beel only in the water body: Water availability: Max. Aug (30 ft) Min. Mar (10 ft.) Max lever recorded in the past 10 yrs. Interconnection with Utracel Beel only in the past 10 yrs. Interconnection with Utracel Beel only in the water body: Water bonne diseases Diarr haca, Dysentry claim the water body: Water bonne diseases Diarr haca, Dysentry claim the water body: Water bonne diseases Diarr haca, Dysentry claim the water body: Water bonne diseases Diarr haca, Dysentry claim the water body: Water bonne diseases Diarr haca, Dysentry claim the water body: Water bonne diseases Diarr haca, Dysentry claim the water body: Water bonne diseases Diarr haca, Dysentry claim the water body: Water bonne diseases Diarr haca, Dysentry claim the water body: Water bonne diseases Diarr haca, Dysentry claim the water body: Water bonne diseases Diarr haca, Dysentry claim the water body: Water bonne diseases Diarr haca, Dysentry claim the water body: Water bonne diseases Diarr haca, Dysentry claim the water body: Water bonne diseases Diarr haca, Dysentry claim the water body: Type Urea, TSP, MP, etc. How long 10-15 Yrs. Seasonal variation. Ther access off the water into the water body: Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. ° C 24.5 Nitrate myl. Nil To myl. ND To myl. 100 Phosphate myl. Nil Total Coliform n/100 ml. 120 Total Coliform n/100 ml. 120	Sampling Point: 250	yds north-eo	ist of Chowbar	ria Bus U.Z1	Manda
Sketch Some as in Sample Code R2 Main features/ General description of the water body Acts as closed water body during dry sease Colour: Transparent Odour: Nil Water availability: Max. Aug (30 ft) Min. Mar (10 ft.) Aquatic vegetations: Rooted plants Algae, Hyoeyntek Effluent discharges into the water body: Pesticides used near the water body: Use of fertilizer near the water body: Pollution/Toxicity Procaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Tos mg/L 100 Phosphate mg/L Nil Main features Aried and very rich with aguation of ft. Aried and very rich with apparatus of the water body: Postpose of use: Recreation, Irrigation, Drinking, etc. Purpose of use: Recreation, Irrigation, Drin	Slan	a		Dt., - (Naogaon
Main features' General description of the water body Odour: Transparent Odour: Transparent Odour: Nil Water availability: Max. Aug (30 ft) Min. Mar (10 ft) Aquatic vegetations: Rooted plants Algae, Hyacynteh Interconnection with Utracel Beel only in other water body: Water body: Pesticides used near the water body: Use of fertilizer near the water body: Precaution takent Villagers solution: Previous water quality data (If any) Sample Analysis Data Temp. ° C 24.5 Nitrate mg/L Nil TDS mg/L 65 Chloride mg/L Nil DO mg/L 8.4 Sulphate mg/L Nil DO mg/L 8.4 Sulphate mg/L Nil COD mg/L 8.4 Sulphate mg/L Nil COD mg/L 8.4 Sulphate mg/L Nil Codour in the wate oddy in the water loody: Purpose of use: Respression, John with a phrex. 10 ft. Min. Mar (20 ft) Max. level recorded in the widdle is apprex. 10 ft. Max. level recorded in the widdle is apprex. 10 ft. Max. level recorded in the widdle is apprex. 10 ft. Max. level recorded in the widdle is apprex. 10 ft. Max. level recorded in the widdle is apprex. 10 ft. Max. level recorded in the widdle is apprex. 10 ft. Max. level recorded in the widdle is apprex. 10 ft. Max. level recorded in the widdle is apprex. 10 ft. Max. level recorded in the widdle is apprex. 10 ft. Max. level recorded in the widdle is apprex. 10 ft. Max. level recorded in the widdle is apprex. 10 ft. Max. level recorded in the widdle is apprex. 10 ft. Max. level recorded in the widdle is apprex. 10 ft. Max. level recorded in the water body: Max. level recorded in the widdle is apprex. 10 ft. Max. level recorded in the water body: Interconnection with Utracel Beel only in the water body: Interconnection with Utracel Beel only in the water body: Interconnection with Utracel Beel only in the water body: Interconnection with utracel Beel only in the water body: Interconnection with Utracel	1141300110 1				
of the water body Colour: Transparent Odour: Nil Water availability: Max. Ang (30 ft) Min. Mar (10 ft) Aquatic vegetations: Rooted plants; Algae, Hydoeynteh Effluent discharges Interconnection with Utracel Beel only in other water body: Water bond diseases Interconnection with Utracel Beel only in other water body: Water borned diseases Diarrhoea, Dysentry et among the villagers: Type Dieremon, Molathian, Sumithian How long 10-15 yrs Pollution/Toxicity Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. °C 24.5 Nitrate mg/L Nil Tos mg/L 65 Chloride mg/L NIO DO mg/L 8.4. Sulphate mg/L Nil Total Coliform n/100 ml. 120 Pollutiorm n/100 ml. 120 Pollutiorm n/100 ml. 120 Procaution laken/ Nil Total Coliform n/100 ml. 120	Sketch	Some	as in Sa	mple code	R2
Odour: Nil Drinking, etc. Water availability: Max. Aug (30 ft) Min. Man (10 ft) in the past 10 yrs.: Aquatic vegetations: Rooted plants, Atgae, Hydeynteh other water bodies: the summer. Effluent discharges into the water body: Pesticides used near the water body: Use of fertilizer near the water body: Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Tos mg/L 100 Phosphate mg/L Nil Total Coliform n/100 ml. 120 Max. level recorded in the xate. Drinking, etc. Max. level recorded in the xate. Drinking, etc. Max. level recorded in the xate level recorded in the past 10 yrs. Interconnection with Utracel Beal only in the past 10 yrs. Interconnection with Utracel Beal only in the summer. Water borne diseases Diarrhoea, Dysentry et among the villagers: Type Dieremon, Molathion, Sumithen How long 10-15 yrs. etc. Type Urea, TSP, MP, etc. How long 10-15 yrs. Effect on use. How water into water quality data (if any) Sample Analysis Data Temp. ° C 24.5 Nitrate mg/L Nil Zn mg/L ND TS mg/L 100 Phosphate mg/L ND or mg/L Nil TOS mg/L 65 Chloride mg/L Nil Total Coliform n/100 ml. 120	General description	Never get plants. Der Ads as d	is dried one of the mic osed water	d very rich tale is appro- body during	with aquatic ×. 10 ft. dry season
Min. Mar (10 ft.) in the past 10 yrs.: Aquatic vegetations: Rooted plants, Algae, Hydreynter other water bodies: the summer. Eiffluent discharges into the water body: Pesticides used near the water body: Use of fertilizer near the water body: Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Min. Mar (10 ft.) in the past 10 yrs. Interconnection with Utracel Beel only in other water bodies: the summer. Water borne diseases Diarr hoea, Dysentry et among the villagers: Type Dieremon, Molathian, Sumithian Type Urea, TSP, MP, etc. How long 10-15 Yrs. Frevious Quality and variation. There cases of the summer into the past 10 yrs. Previous water quality data (if any) NDA Sample Analysis Data Temp. ° C 24.5 Nitrate mg/L Nil Zn mg/L ND TS mg/L 100 Phosphate mg/L ND Cree 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 N100 ml. 120	· · · · · · · · · · · · · · · · · · ·	nt	Purpose of use: T	Recreation, In	rrigation,
Atgae, Hyaeyntek other water bodies: the summer. Effluent discharges into the water body: Pesticides used near the water body: Use of ferilizer near the water body: Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. ° C 24.5 Nitrate mg/L Nil Zn mg/L Nil TDS mg/L 65 Chloride mg/L Nil TOS mg/L 65 Chloride mg/L Nil Total Coliform n/100 ml. 120 Effluent discharges Diarr hoea, Dysentry et among the villagers: Water borne diseases Diarr hoea, Dysentry et among the villagers: Type Dieremon, Molathion, Sumither et among the villagers: Type Dieremon, Molathion, Sumither et among the villagers: Type Urea, TSP, MP, etc. Type Urea, TSP, MP, etc. Fe assonal variation-Tner exces of the villagers: Seasonal variation-Tner exces of the villagers: Fifect on use flored variation into the variation of the variat				ed 1988 ->	35 ft.
into the water body: Pesticides used near the water body: Use of fertilizer near the water body: Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. ° C 24.5 Nitrate mg/L Nil Zn mg/L ND Phosphate mg/L ND To mg/L Nil TDS mg/L 65 Chloride mg/L Nil Total Coliform n/100 ml. 120 Among the villagers: Type Dieramon, Molathian, Sumithian the literation, Sumithian Analytican, Sumithian Allowate, Sumithian Sumithian Ate. Type Urea, TSP, MP, etc. How long 10-15 Yrs. Fleet on use Jered water of the water into the literature and sumithian Ate. Type Urea, TSP, MP, etc. How long 10-15 Yrs. Seasonal variation-Increases of the literature and variation	Aquatic vegetations: Ro	poted plants, gae, Hyacynteh			
Use of fertilizer near the water body: Use of fertilizer near the water body: Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. ° C 24.5 Nitrate mg/L Nil Zn mg/L ND Phosphate mg/L ND Cr*6 mg/L Nil TDS mg/L 65 Chloride mg/L Nil Total Coliform n/100 ml. 120		NÜ	among the villagers	:	
Use of fertilizer near the water body: Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. ° C 24.5 Nitrate mg/L Nil Zn mg/L ND Ts mg/L 100 Phosphate mg/L ND Cr 6 mg/L Nil TDS mg/L 65 Chloride mg/L Nil Total Coliform n/100 ml. 120	Control of the con		10.	~(> \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	
Precaution taken/ villagers solution: Previous water quality data (if any) 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 To mg/L 100 Phosphate mg/L ND Cr' mg/L Nil TDS mg/L 65 Chloride mg/L 11.0 To mg/L 8.4 Sulphate mg/L Nil Total Coliform n/100 ml. 12.0					ete.
villagers solution: Previous water quality data (if any) 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 Fe mg/L Nil TDS 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 TDS mg/L 8.4 Sulphate mg/L Nil Total Coliform n/100 ml. 12.0			the state of the s		-Increases after nod water intake
Quality data (if any) Sample Analysis Data Temp. ° C 24.5 Nitrate mg/L Nil Zn mg/L ND Phosphate mg/L 0.2 Fe mg/L 1.0 Phosphate mg/L ND Cr 6 mg/L Nil TDS mg/L 65 Chloride mg/L NIO As mg/L Nil Total Coliform n/100 ml. 120	I	N'S			
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		NDA			
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 NU TDS mg/L 65 Chloride mg/L 11.0 As mg/L NU DO mg/L 8.4 Sulphate mg/L NU Total Coliform n/100 ml. 120	Sample Analysis	Data		· .	
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	Temp. °C			Zn	mg/L ND
TS mg/L 100 Phosphate mg/L ND Cr ⁺⁶ mg/L NU TDS mg/L 65 Chloride mg/L 11'0 As mg/L NU DO mg/L 8.4 Sulphate mg/L NU Total Coliform n/100 ml. 120	PH	7:5 Ammon	ia mg/L 0°2	Fe	mg/L 1'0
TDS mg/L 65 Chloride mg/L 11'0 As mg/L Nil Total Coliform n/100 ml. 120	TS mo/L 1	OO Phosph	ate mg/L ND	~ .+6	· · · · · · · · · · · · · · · · ·
DO mg/L 8.4 Sulphate mg/L NU Total Coliform n/100 ml. 120		65 Chloride	mg/L 11'0		
DO mg/L 8.4 Sulphate mg/L 20.0			V:1		9 -
BOD mg/L 4-2 000			e mys	rotar comorni	TA LOO BING SEE
	BOD mg/L	4.5	my L 2		

			· · · · · · · · · · · · · · · · · · ·
Date/Time : 7.3	3.92/1-30	PM	Location:
Sample Source : Utr	racel Boel		VII. Beel Utracel
Sample Code : R 4			up. Verso
Sampling Point : Sอนั	th central		U.Z Manda
Transect No. : 1			Dr Nacgaon
Sketch	Same	as in Samp	le Code R2
Main features/ General description of the water body	Partly dr	ed during dr le is approx s	y season. Depth in 3 ft.
Colour: Turbid Odour: Rill		Purpose of use: Irr	rigation, Domestic, etc.
Water availability: Max >	Aug. (20 ft.) March (6ft:	Max. level recorded in the past 10 yrs. :	9n 1988 20ft.
Aquatic vegetations: W	ater hyacyn- ch	Interconnection with other water bodies:	Beel Andasuria and Beel Pobni
Effluent discharges I into the water body:	Domestic	Water borne diseases among the villagers:	Diarrhoea, Dysentry,
Pesticides used near the water body:		How long \O	n, Thiodin, Sumithion, etc.
Use of fertilizer near the water body:		How long \O	
Pollution/Toxicity problem (if any):	Ty Se	pe-Fish disease verity-since 4 yrs.	Seasonal variation-Max. after Effect on use-
Precaution taken/ villagers solution:	Nil	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
Previous water quality data (if any)	NDA	: i	
Sample Analysis	Data		
Temp. ° C	23.3 Nitrate	mg/L Nil	Zn mg/L ND
PH	7.5 Ammor	ia mg/L 0.3	Fe mg/L 0.9
TS mg/L 1	45 Phosph	ate mg/L ND	Cr ⁺⁶ mg/L Mil
TDS mg/L	94 Chlorid	e mg/L 10.0	As mg/L Nil
	7.6 Sulpha	^1	Total Coliform v/100 ml. 140
DO mg/L BOD mg/L	5.0 COD	mg/L 22.0	

Date/Time : 5,3,92 /		
Date/Time : 5.3.92,/	11-30AM	Location:
Sample Source: Gur Rive	%	vii Solakura
Sample Code : R 5		U.P Singra
Sampling Point: 250 yds	south of Singra bridge	U.ZSingra
Transect No. : 2	(c) 1	DL. Natore
Sketch	TO CO OF	
Main features In the General description of the water body Lepstr	e dry season acts or to cross bar appross the ream and downstream in the middle is approx 20	a closed water body nive both in the areas. Depth of the wet season) 2 10 (Arry seas
Colout: Clear Odour: Nil		stic. Navigation and
Water availability: Max 25 (A Min 10' (Me	Max. level recorded are in the past 10 yrs. :	40 ft in 1988
Aquatic vegetations: Water -teh.		agor niver & Nondokuja ver
Effluent discharges into the water body:	among the villagers:	holora, Dysentry
Pesticides used near the water body:	Howlong 15 yrs.	Molathion, Sumithion
Use of fertilizer near the water body:	How long 14-15	
יווס וומנטו טטטן י		
Pollution/Toxicity problem (if any):	Type-Fish disease Ser Severity-Since 3-1 yrs. Eth	asonal variation- Max in Sept-Deceded on use-
Pollution/Toxicity	Severity- Since 3-1 yrs. Eth	asonal variation- Mox in Sept-Dec ect on use-
Pollution/Toxicity problem (if any): Precaution taken/ villagers solution:	Severity- Since 3-1 yrs. Eth	asonal variation- Max in Sept - Dec ect on use-
Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water	Severity- Since 3-1 yrs. Eff	asonal variation- Mox in Sept-Dec ect on use-
Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. ° C 23.3	Severity- Since 3-4 yrs. Effect A Nitrate mg/L Nil	asonal variation- Mox in Sept-Decelor use- Zn . mg/L ND
Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. ° C 23.3 pH 7.7	Severity- Since 3-1 yrs. Effect Ammonia mg/L NU Ammonia mg/L 0.1	zn mg/L ND Fe mg/L 1·1
Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. ° C 23.3	Severity- Since 3-1 yrs. Effect OA Nitrate mg/L Nil Ammonia mg/L 0.1 Phosphate mg/L ND.	Zn mg/L ND Fe mg/L 1·1 Cr*6 mg/L Nil
Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. ° C 23.3 pH 7.7	Severity- Since 3-4 yrs. Effect OA Nitrate mg/L NU Ammonia mg/L 0.1 Phosphate mg/L ND Chloride mg/L 8.0	Zn mg/L ND Fe mg/L 1·1
Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Data Temp. ° C 23.3 pH 7.7 TS mg/L 105	Severity- Since 3-1 yrs. Effect Nitrate mg/L Nil Ammonia mg/L 0.1 Phosphate mg/L ND. Chloride mg/L 8.0	Zn mg/L ND Fe mg/L 1·1 cr ¹⁶ mg/L NÜ

Date/Time : 5.3.9	02/ 1-00 PM		<u> </u>	Location:	
Sample Source : Twee	well	÷		vII. Patkol	
Sample Code : R 6				U.P Singra	
Transect No. : 2				u.z Singra	
Tube well owner's name :	Mr. Afaz A	li	· · · · · · · · · · · · · · · · · · ·	Dt Natore	
Sketch				Code R5	
Main features/ General description of the tube well	Approx. 150 Depth of 4 inch. Plat	the lub	ewell is a	FSingra Bridg 56 ft. Diamel ted	<u> </u>
Colour: Transpare Odour: Mil	M	Purpose of us	e: Drinkin	8	
Water table: Previou Presen	i. } NDA	Alternate wat	er sources: 🔾	ur River	
Description of tube wells along the transect (900)	\$. No		STW 30'-90' 22	DTW 400' 3	·
Recharge patterns : Rain	fall/River	Possibility of in the near fo	iture :		:
Water borne diseases in the area :	Type Seve		pa, Dyson	try etc.	
Previous water quality data (If any):	NDA				
Sample Analysis [Data				
Temp. °C 25:2 pH mg/L 6:8 TS mg/L 230 TDS mg/L 178 DO mg/L 2:2 BOD mg/L 12:1 Ammonia mg/L 1:3	Nitrate mg/L Phosphate mg/L Chloride mg/L Bromide mg/L Fluoride mg/L Sulphate mg/L Boron mg/L	ND ND ND ND ND ND	Zinc Iron Chromium Arsenic Molybdenum COD Total coliform	mg/L ND	

S-1-24		
	3.92/3-30	
Sample Source : Nar	ndo kuja Rive	
Sample Code : R7		up - Chamari
Sampling Point : Hole	aigari Ghat	U.ZSingra
Transect No. : NU		Dr. Notore
	合學學	Nandokaja 1017
Sketch		PIVED
Main features/ General description of the water body	Open stater 12 ft. Water due to Hate	body. Depth in the middle is approxing quality suffered almost every year one Sugar Mills waste disposal.
Colour: Black, Odour: Bad		Purpose of use: Domestic
Water availability: Max Min	20' (Avg). 10 (Mar)	Max. level recorded 28 st. in 1988 in the past 10 yrs.:
Aquatic vegetations:	Nil	Interconnection with Upstream with Narodih other water bodies: & dowstream with Atrair
Effluent discharges I_{200} into the water body: D_{c}		Water borne diseases Dysentry among the villagers:
Pesticides used near the water body:	·	Type ThioL, Furadan, Malathion etc Howlong 10-15 yrs.
Use of fertilizer near the water body:		Type Urea, TSP, MP, etc. Howlong 10-15 Y近·
Pollution/Toxicity	Туг	pe-Water blackering Seasonal variation-Max during Se everity- Every year Effect on use- Sperations
problem (if any):	00	EASTA SESS.
	Nil	Every great
problem (if any) : Precaution taken/		Eddin Arman
problem (if any): Precaution taken/ villagers solution: Previous water	MUL	EVERY YEAR
problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis	MUL	mg/L 0.2 Zn mg/L ND
problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis	NTDA Data	mg/L 0·2 Zn .mg/L ND nia mg/L 1·2 Fe mg/L 0·9
problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Temp. ° C	NDA Data 25.6 Nitrate 8.2 Ammoni	mg/L 0·2 Zn .mg/L ND nia mg/L 1·2 Fe mg/L 0·9
problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Temp. ° C PH TS mg/L 3	NDA Data 25.6 Nitrate 8.2 Ammoni 394 Phosph	mg/L 0·2 Zn mg/L ND nia mg/L 1·2 Fe mg/L 0·9 hate mg/L ND cr ⁻⁶ mg/L NU
problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Temp. ° C pH TS mg/L 3	NDA Data 25.6 Nitrate 8.2 Ammoni 394 Phosph	mg/L 0.2 Zn mg/L ND nia mg/L 1.2 Fe mg/L 0.9 hate mg/L ND Cr 6 mg/L NU le mg/L 15.0 As mg/L NU

11-00	AM		Loc	ation:
Sample Source: Nandokuja River				
Sample Code : R8				· Gurudaspur
Sampling Point: 50 yds west of Chaskor Kheaghat U.ZGu				
			Dt	- Natore
Action of the second				
g winter . April.	r close Down s' Depth	ed wat tream of in the	er body du ireas compli middle is	ne to cross-bar litely dried in approx. 10 ft
	Purpos	se of use:	Recreation 1	2 Irrigation
251)	in the p	past 10 yrs	Jn 1988	35 ⁷
Jacyn-	e di la Periodi	March 21 (1977)	ICACAMO III	ver in upstream ver in downstream
c .		he villagers		
	Type How lo	ng 10 -	15 Y8S	
	Type How lo		the second secon	ip, etc.
Typ Sev	erity-Sin	blackeni ish Killiz ce few y	Seasonal varia	ation-Max. Feb./ Manch
	· .			
AC7				
Nitrate	mg/L	ИЙ	Zn	mg/L ND
Nitrate Ammonia	14.7	NÜ 0.7	Zn Fe	mg/L ND mg/L 1·1
	mg/L	1	Fe	
Ammonia	mg/L	0.7		mg/L 1·1
Ammonia Phospha	mg/L te mg/L mg/L	0.7 ND	Fe Cr ^{†6}	mg/L 1.1 mg/L Nil mg/L Nil
	River t of Cf g winte gwinte (April.	Purpos 25') Max. In the linterco other w Water be among to the linterco other w Type How loo Type How loo Type Woter Severity-Sind	Purpose of use: Purpose of use: Purpose of use: April. Depth in the Purpose of use: Max. level record in the past 10 yrs Jacyn Interconnection wo other water bodie: Water borne disease among the villagers Type Hepta How long 10- Type Water blockening Severity- Fish Killing Since few y	Depth in the middle is Purpose of use: Recreation 2 Max. level recorded of 1988 in the past 10 yrs: Interconnection with Radma minother water bodies: 2 Atrai ring Water borne diseases Diarr he among the villagers: Type Heptachlor, Basue How long 10-15 yrs. Type Urea, Zinc, TS How long 10-15 yrs. Type Water blackening Seasonal variance few yrs.

Date/Time : 8.3	3.92/12 No	on	Location:
Sample Source : At	rai River		vill Chaskon Bazan
Sample Code : R9	the state of the s		up Gurudaspur
Sampling Point: 75 y	ds north-we	st of Chaskor	Kheaghat U.Z. Gurudas pur
Transect No. : 3			Dt. Natore
Sketch		as in Samp	
Main features/ General description of the water body	Down stre March - Apr	am complete nil. Depth in	ly dries up during March is approx. 12 ft.
Colour: Turbid Odour: N'U		Purpose of use: 1	Recreation 2 Invigation
Water availability: Max / Min F	Aug (30') Apr. (10')	Max. level record in the past 10 yrs	
Aquatic vegetations: W	later hyacyn	Interconnection w other water bodie	Hanaghy) a hiver in
Effluent discharges into the water body:	r'il	Water borne diseas among the villagers	
Pesticides used near the water body:			thion, Furadan, Heptachlor
Use of fertilizer near the water body:			, TSP, MP, etc
Pollution/Toxicity problem (if any):	Ту _ј Se	pe-Fish diseas	Effection use-flood water goes
Precaution taken/ villagers solution:	КÜ		
Previous water quality data (if any)	MDA		
Sample Analysis	Data	-	
	24.5 Nitrate	mg/L Nij	Zn mg/L ND
P ^H	8.0 Ammon		Fe mg/L 0.9
ts mg/L 4	o6 Phosph	ate mg/L $\mathcal{N}D$	Cr ⁺⁶ mg/L N기
TDS mg/L 크	650 Chloride		As mg/L Mil
DO mg/L	6'2 Sulphat	e 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 : 2.3.	92/1-00 PI	<u></u>	Location:
0.0	low Tubew		vii Ananda Nagar
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		U.P Eurudaspur
Sample Code : R10			• ",
Transect No. : 3			U.ZGurudospur
Tube well owner's name :	Mr. Ahmed	Seikh	Dr Natore
Sketch	Same as		Sample Code R8
Main features/ General description of the tube well	Shallow the west of Classical Contractions of Classical Classical Contractions of the	haskher 110 ft. I	l approx. 250 yds north- Bazar. Dopth of the Lubewell Diameter 6 inch. Operating 1 Ars
Colour: Transpare Odour: หนึ	nt .	Purpose of	use: Irrigation
Water table: Previou Preser	us - } NDA	Alternate v	vater sources: Atroi river
Description of tube wells along the transect (200	Type - x 800) Depth - ds No	TW 60'	STW DTW 1∞-110 400 15 3
Recharge patterns : Rai	nfall, River change, Flood		
Water borne diseases in the area :	Typ Sev	e Diar erity-	rhoea, Dysentry, etc.
Previous water quality data (If any) :	NDA		•
Sample Analysis I	Data		
	Nitrate mg/	Lnil	Zinc mg/L MD
Temp. °C 26'5	Nitrate mg/L Phosphate mg/L		Iron mg/L 0.9
pH mg/L 6.7	Chloride mg/l	1 1	Chromium mg/L NU
TS mg/L 257 TDS mg/L 2/12	Bromide mg/L		Arsenic mg/L NU
the state of the s	Fluoride mg/l	1	Molybdenum mg/L ND
	Sulphate mg/l	. 14.1	COD mg/L 22.0
BOD mg/L 7.5 Ammonia mg/L 1.0	Boron mg/l		Total coliform IV100 ml. 96

Date/Time : 10 ·	3.92/10-3	o AM	Location:	
	lma River		VII Danga para	
Sample Code : P 1	11		up Raishatu	
Sampling Point : 250	yds south-	west of Shaf Sharif	U.Z. Raishatu	
Transect No. : No	sdum Darga	Sharif	Dr Rajshahi'	1
Transect No. : No	7 T 7.8	E& \1.	H 483	-
Sketch		See There	1019-3 F	
Main features/ General description of the water body	Approx. 25 Depth in the water flow &	e middle is of fuge sand de	from Indian border. Aprox. 35 ft. Decreose in position is reported since &	K 14.
Colour: Pale green Odour: Nil	ń	Purpose of use: Ro	creation & Navigation	
Water availability: Max Min	July (50st.) March (30ft.)	Max. level recorded in the past 10 yrs. :	50 ftin 1988	
Aquatic vegetations: 🗡		Interconnection with other water bodies:	Jamuna in the down- Stream	
Effluent discharges into the water body:	ИЙ	Water borne diseases among the villagers:	Dysentry, Diarrhoca	_
Pesticides used near the water body:		Type N⊅A How long		_
Use of fertilizer near the water body:		Type N⊅A How long		_
Pollution/Toxicity problem (if any):		pe-Fish discase verity-Since 4/5 yrs.	Seasonal variation- Max in Oct./ 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 Ammon	•	Fe mg/L 1.0	
TS mg/L 23	32 Phosph	nate mg/L ND	Cr ⁶ mg/L Nil	
	. ~	e mg/L 14'0	As mg/L Nil	l
TDS mg/L 19	Chloride	· · · · · · · · · · · · · · · · · · ·	, o	
ing ingr	8.2 Chlorida Sulpha	00.5	Total Coliform n/100 ml. 100	

Date/Time : 7.3		
Date/fille . 7.0	.92/5-30	PM Location:
Sample Source: Ban	gali River	VIII Sariakandi'
Sample Code : R 1		11p. Saniakandi
Sampling Point : Sani	akandi ferr	ry ghat u.zsariakandi
Transect No. : No		Dt Bogra
	EROMANIA.	TEST POSTS
Sketch		
Main features/ General description of the water body	Depth of Silt deposit	the river at the middle is approx. 12 Pa ition is reportedly increasing every
Colour: Turbid Odour: Nil		Purpose of use: Navigation & Recreation
Water availability: Max Nin N	July/Ang (25') Marely/Apr.(10')	in the past 10 yrs.:
Aquatic vegetations: W	later hyacyn tch, Algae	other water bodies: & Karotoa in upstream
Effluent discharges into the water body:	omestic	Water borne diseases Diarrhoe.
Pesticides used near the water body:	and the state of t	Type Sumittion, Diethin, Furadan Howlong 10 ys. Type Urea, TSP, Zinc
Use of fertilizer near the water body:		Type Urea, TSP, Zinc Howlong 10 yrs
the water body: Pollution/Toxicity		How long \Ο γ δ Seasonal variation-
the water body: Pollution/Toxicity problem (if any): Precaution taken/	Se Se	How long \Ο γ δ Seasonal variation-
the water body: Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water	NI NI AUN	How long \Ο γ δ Seasonal variation-
the water body: Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis	NI NDA Data 25.6 Nitrate	How long ハウ ツゃら ype - Seasonal variation- everity- Effect on use- mg/L NU Zn . mg/L ND
the water body: Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis	NI NDA Data	How long ハウツゃら ype Seasonal variation- everity- Effect on use- mg/L NU Zn . mg/L ND nia mg/L 0・2 Fe mg/L 0・9
the water body: Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Temp. ° C	NDA Data Data Nitrate	How long 10 y 85 ype Seasonal variation- everity- Effect on use- mg/L Nil Zn mg/L ND nia mg/L 0.2 Fe mg/L 0.9 shate mg/L ND cr.6 mg/L Nil
the water body: Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Temp. ° C ° PH TS mg/L 15	NI NDA Data 25.6 Nitrate 8.2 Ammor	How long ハウツゃら ype Seasonal variation- everity- Effect on use- mg/L NU Zn .mg/L ND nia mg/L 0・2 Fe .mg/L 0・9 shate mg/L ND .cr*6 .mg/L NU
the water body: Pollution/Toxicity problem (if any): Precaution taken/ villagers solution: Previous water quality data (if any) Sample Analysis Temp. ° C PH TS mg/L 15	NDA Data 25.6 Nitrate 8.2 Ammor Phospi	How long 10 y 85 ype Seasonal variation- Effect on use- mg/L NU Zn .mg/L ND nia mg/L 0.2 Fe .mg/L 0.9 shate mg/L ND .cr.6 mg/L NU de mg/L 7.0 As .mg/L NU

	T _A			
Date/Time : 9.3.92/12	-30 PM	Location:		
Sample Source: Hurasaga	r River	VIII Char Pechakola		
Sample Code : R 13	U.P. Makalia			
Sampling Point: 2500 yels	north-west of Nakali	ia Bazar U.Z Bena		
Transect No. : Nil		Dt Palma		
自	الله المقادة ا	110 Yu		
Sketch	\$ 800 million	HILLIAN THE STATE OF THE STATE		
Cambo	Javier Color of Tolo	moti, Karotoa, Boral &		
Main features/ Combo	swar rivers. Dept	h in the middle 15		
of the water body	12 ft.			
Colour: Pale green Odour: Nil	Purpose of use: 1	Vavigation 2 Recreation		
Water availability: Max Aug (Max. level recorde in the past 10 yrs.	_ /(=) ~(1 •		
Aquatic vegetations: Algae	Interconnection wit other water bodies	- newer in the down-		
Effluent discharges HU	Water borne disease among the villagers:	Diagrinosa		
Pesticides used near the water body:	1,700	non, Malathion, Nogos yrs		
Use of fertilizer near the water body:		TSP, MP, etc.		
Pollution/Toxicity problem (if any): NDA	Type - Severity-	Seasonal variation- Effect on use-		
Precaution taken/ villagers solution:	Q			
Previous water quality data (if any)	DA			
Sample Analysis Data				
Temp. ° c 23.9	Nitrate mg/L パリ	Zn mg/L ND		
Р _Н 8.0	Ammonia mg/L 0.3	Fe mg/L 1.0		
TS mg/L 215	Phosphate mg/L MD	Cr ⁶ mg/L Mil		
TDS mg/L 162	Chloride mg/L 9.0	As mg/L Nil		
DO mg/L 8.0	Sulphate mg/L 0.1	Total Coliform n/100 ml. 40		
BOD mg/L 3.9	COD mg/L 38.0			

Date/Time : 2.3	.92/;	3-30	PM		Loc	cation:	
	Sample Source: Jamuna River				Vil	Rasul	Σ ΨΥ
Sample Code : R 15			7:	U.i	p. Kanch	ipara	
Sampling Point : 100	yds son	th-20	1 ze tek	Manas	Regulator U	z. Fulcho	1.21
Transect No. : N					Dt	Gaibar	rdha
Sketch	A.B.	10 H	1	Шпп	<i>(</i>		
Main features/ General description of the water body	Main is of	Jam Þroxim	ura r ately	iver. 25 ft	Depth in	n she mi	dlle
Colour: Turbid Odour: Nil			Purpose	of use: F	ecreation	& Navig	jation
Water availability: Max Min	July (S6) 30')		rel recorde ast 10 yrs.	<u> </u>	in 1988	
Aquatic vegetations:	Ш			nection wi ter bodies	: upstre		
Effluent discharges into the water body:	li Li		Water bor among the	e villagers:		oca, Dyse	
Pesticides used near the water body:			Type How lon	g 10	rin, Basuc o-12 yrs	•	
Use of fertilizer near the water body:			Type How lon	<u>g</u>	, Zypsum 10-12 yx:	<u> </u>	
Pollution/Toxicity problem (if any):			e-Fish verity-4/s		Seasonal va Effect on use	riation- May e-	in Sept.
Precaution taken/ villagers solution:	Nil					·.	
Previous water quality data (if any)	Ava	ilable	coith	Dot			
Sample Analysis	Data						•
Temp. °C	21.5	Nitrate	mg/L	NJ	Zn	. mg/L	MD
P ^H	8.1	Ammoni	•	0.3	Fe	mg/L	1.6
TS mg/L \	32	Phosph	ate 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	Sulphat	e mg/L	NY	Total Col	liform n/100 i	ml. 250
BOD mg/L	3.0	COD	mg/L	21.0			

F						
Date/Time : 6.3.92/12 Noon Location:						
The second secon					. Halti	Beel
Sample Code : R16	•		· .	135	. Pipru	d
Sampling Point : South	Central	. (Goru	Mari	U.	z Mator	re.
Transect No. : 4				· D 1	. Nator	re
	10063.	M		()	中向壁	
Sketch			دانطوب اللا	-اللشنية بالمنطقة	- Andrews	
	<u> </u>	- A - A -		acts and	10000	من لـ منم
Main features/ ○♭ General description Ma	en water	Deeth Deeth	in the	gets com lower pa	et of the	Beel
of the water body	opprox. 3	set.	(, 2	Pa		-
Colour: Turbid	:		<u> </u>	- . 0 \ \ \	7.	
Odour: Nil		Purpose	e of use: \	Fishing &	Thuldon	σ ι/
	(1= 01)					_
Water availability: Max จีนใจ	1 (V87)		vel recorde ast 10 yrs.		in 198	ර් .
Min Mar		Intercon		th River At	rai and	River
Aquatic vegetations: Nil Algae & Water My	, rreviously		ater bodies		through tu	
		Water bo	rne disease		ea, Dyse	
into the water body: among the villagers:						
Pesticides used near		Type	Basud	in, Furad	lan, Nog	os
the water body:		How lor	ig: 10/	TSP, MP		. 6
Use of fertilizer near						etc.
the water body:		How lon	ig (c	0/15 Yrs	· M	i AaL
Pollution/Toxicity	Тур	yerity. Siz-	0120054	Seasonal var s. Effect on use	ration- ™⇔× -	in oor
problem (if any):		rein. 2116	~ 294.	>		
Precaution taken/	il	•			:	
villagers solution:						
Previous water	4DA					
quality data (ii arry)	· .		::			
Sample Analysis Da	ta .		· · · · · · · · · · · · · · · · · · ·			
			NT.1		,	
Temp. °C 25.		mg/L	ИИ	Zn	mg/L	ND
р ^н 7.	7 Ammon	ia mg/L	0.2	Fe	mg/L	1.0
TS mg/L 207	Phosph	ate mg/L	ND	Cr ⁺⁶	mg/L	ИЙ
TDS mg/L 152	Chlorid	e mg/L	17.0	As	mg/L	Nil
Q.	O Sulpha	te mg/L	12.0	Total Coli	form n/100	ml. 60
DO TINJE		mg/L	26.0			:
BOD mg/L					•	
				•		

TRANSECT DATA SHEET - GROUND WATER

Date/Time : 6.3,	90/1 mm h	~ * *	To	ocation:
	92/1-00 F			
Sample Source: Shal	YOM IOMENA		VI	Khulur boa (Halti Beel)
Sample Code : R 17		•	U	P Piprul
Transect No. : 4			Ü	z. Natore
	M. T.:	1		n Natore
Tube well owner's name :	I'Thi oatha	<u> </u>		
Sketch			mple Code	
Main features/	Dorth is	abbrox	. 110 ft. D	iameter 4 inch.
General description	Oberating	avero	ge 16 Ars/	24 Aps
of the tube well	1 1 2 3 3		7	
	<u> </u>			
Colour: Transpare Odour: NU		Purpose of	use: Irrigati	on
Previo	us-℃∧	Altomala	vater sources: Bea	aston
Water table: Preser	us- > NDA	Aitemate v	valer sources.	ousant.
		Province 1		7577 141
Description of tube wells	Type -	TW 70'-80'	STW ,	DTW 375-400
along the transect :(900)		10	90	5
Ϋ́d	<u> </u>			
Recharge patterns : Ra	infall, Flood	in the nea		
Water borne diseases in the area:	Type Seve	Diak erity	shoea, Dyse	ntry
Previous water quality data (If any) :	NDA			
Sample Analysis	Data			
		0.0		ma/L ND
Temp. °C 26.9	Nitrate mg/L		Zinc	mg/L ND
р ^н mg/L 7 [.] 2	Phosphate mg/L			
TS mg/L 375	Chloride mg/L	. 1-7	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	KS.1
TDS mg/L 315	Bromide mg/L	NIT		WAT.
DO mg/L 2:4	Fluoride mg/L		Molybdenum	myr.
BOD mg/L 9.0	Sulphate mg/L	1	COD	
Ammonia mg/L 0.4	Boron mg/L	. ND	Total coliform	n/100 ml. 100
	1			

	<u>and the state of </u>	
Date/Time : 3,3	.92/12 Noc	on Location:
		Dead Bangali River) VII Bangar para
Sample Code : R1	8	U.P Jumar Bari
Sampling Point: Nov	oth centra	U.Z. Saghata
Transect No. : 5		Dt Gailbandha
	河介 學公	Illing Luminand 10 10
Sketch	(1) J.	Tumini, Bawkar
Main features/	Cinalo el	Robed alosed water body Praviously
General description	knowsh as	Dead Bangali river. Connected with
of the water body	Jamuna ple	haped closed water body. Previously Dead Bangali river. Connected with uring flood. Depth 10 during dry season.
Colour: Turbid Odour: Nil		Purpose of use: Irrigotion, Domestic, etc
Water availability: Max	an-Kluz) os	Max level recorded 45 At in 1988
	10' (Feb-Mari)	
Aquatic vegetations: ω	iater hymeyntel	Interconnection with $\mathcal{H}\mathcal{X}$
Effluent discharges 11 into the water body:	iù i	Water borne diseases Diaマントム among the villagers:
Pesticides used near the water body:		Type Furadan, Nogos, Busudin etc Howlong
Use of fertilizer near the water body:		Type Urea, TSP, Zip etc Howlong
Pollution/Toxicity problem (if any) :	Туј Se	upe. Fish dispose Seasonal variation. Septi-od (Max) everity-50% died Effect on use-
Precaution taken/ villagers solution:	Nil	
Previous water quality data (if any)	NDA	
Sample Analysis	Data	
T ° 0	23·3 Nitrate	mg/L Nil zn mg/L ND
Tomp.	8.0 Ammon	
PH.	Zitiation	myc 12
	77 Phosph	Cr
TDS mg/L	65 Chloride	N21
DO mg/L	7'8 Sulphal	
BOD mg/L	2.8 COD	mg/L 32.0
L	the state of the s	

TRANSECT DATA SHEET - GROUND WATER

Date/Time : 3.3.	72/1-00	PM		Location:	
Sample Source: Tube	well			VII Ba	ngar Par
Sample Code : R 19				U.P Ju	mar Bar
Transect No. : 5	•			U.Z 50	ghata
Tube well owner's name:	Public	Health	Dept.		ibandhe
	1 mode				
Sketch	Same a		Sample		18
Main features/ General description of the tube well	Approx 1200 side). Do of the I	oyds so 2pth 72 wbewell	outh-east ft., Diav is not eo	of emban neter 6 inc nereted.	xment (ri ch . Platfo
Colour: Transpare Odour: Nil	erd	Purpos	e of use: Drin	iking & I	o Itzama
Water table: Previou Preser		Alterna	te water sources:	Kumir Da	wha
Description of tube wells	Type -	Tubewel		, DTW,	•
along the transect :(800)	ls No	40	40	350 NU	·
Recharge patterns : FU		40 Possit	and the second s	i i	
Pecharge patterns : FU	s No and infall	40 Possit in the	40 vility of exploitation	нй_	
Recharge patterns: FURO Water borne diseases in the area:	s No and infall	Possit in the	40 wility of exploitation near future :	нй_	
Recharge patterns: FURO Water borne diseases in the area: Previous water	Is No cod infall To S	Possit in the	40 wility of exploitation near future :	нй_	
Recharge patterns: Floring Row	Is No pod infall Ty S NDA Data	Possit in the ype - Diag	40 ility of exploitation near future:	ии Kotras	ND
Recharge patterns: Floring Row	Is No cod infall Ty S NDA Data Nitrate m	Possit in the ype - Dia-everity-	40 wility of exploitation near future :	нй_	ND 2:1
Recharge patterns: Flore Row Water borne diseases in the area: Previous water quality data (If any): Sample Analysis If the recommendation of the recomm	No No	Possit in the ype - Dia-everity-	Zinc	Mil sentoz mg/L mg/L	
Recharge patterns: Floring Rows Water borne diseases in the area: Previous water quality data (If any): Sample Analysis If the area of	No No	Possit in the ype Diameterity-	Zinc	Mil sentoz mg/L mg/L	2:1
Recharge patterns: Flagor Row Row Recharge patterns: Flagor Row	No No	Possit in the ype Diameterity-	Zinc fron Chromiur	mg/L mg/L mg/L mg/L mg/L	2:1 NU
Recharge patterns: Floring Rows Water borne diseases in the area: Previous water quality data (If any): Sample Analysis If the area of	Nitrate m Phosphate mo Chloride m Bromide m	Possit in the type Diameterity- g/L NU g/L ND g/L 38.0 g/L ND	Zinc fron Chromiur Arsenic	mg/L mg/L mg/L mg/L mg/L	2:1 Nil Nil

