(JICA Study Team)

Sheet No. 195

Thana	Keshabpur		Drilling No.	GeJK-1	
Union	Panjia				
Mouza	Rajnagar Bankabarsi		Date O/	1 July 1 2001	
Location			Core recorder	Suemaga	
		· ·			

Depth (m)	194.0	194.1	194.2	194,3	104.4	194,5	194.6	194.8	194,8	194.9	195.0 \
Lithological Structure Sketch											
Lithological Symbol									·		
Color	2.5 Y 5/1 cler gray		10 Y 910			1072/ black		10 7 4			
Soil Description	Sandy Silt	194.38~	Silty 40 Sandy S	VF-5 ile		Silk Ford		Silty V	Y·S		
Labo. Sampling				4							
Sampling No.											1 1 1

Sheet No. 196

THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 02	1 July 1 2001
Location		Core recorder	Sumaga

Depth (m)	19870 195.	1 195.2	195.3	1954	195.5	195.6	1.500.37	1058	./ <u>e</u>).	5,0	1060
Lithological Structure Sketch	3				-		:				:
Lithological Symbol							1			1 1	
Calor	donk olin gran	I	2.5675/1 plin 9 mg			2.56 y Conhadia			10 Y 9/1	2.567 5 clarg	i
Soil Description	Sittly Vf.5. 195.01-02 Sitt block (c.		Eandy Silt	<i>c</i>	6		Sitt	25	50 Si(I) VFS	Silt	
Labo. Sampling			•		195	5.50		195.85			
Sampling No.					,	Getk	1-66				

(7.53 mg/kg)

(JİCA Study Team)

Sheet No.

03

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 02	1 July 1 2001
Location		Core recorder	Sulmoja

Depth (m)	106.0 1	96.1 196.2	196.3	196,4	196,5	196.6	196.	₹ 196.8	196.0	1070
Lithological Structure Sketch										
Lithological Symbol		1.1.1.			111	1 1 1		111	1-11-	1,1
Color	2.567 5/	darkolin go	1		5675/1 612 8192			2.56) dork c	ling que	
Soil Description	Silt	Sardy Sil	I	.37-38 } 40~81 } 45-47 }	Silt		72	Sarle	Silt	
Labo. Sampling										
Sampling No.								w i		

Sheet No. 198

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia Panjia		
Mouza	Rajnagar Bankabarsi	Date 02	1 July 1 2001
Location		Core recorder	Sugaraga

Depth (m)	10,7,0	1971	19.	7.2 10,	9.3 107.4	19.7.5	197.6	197,7	197.8	1939	1980
Lithological Structure Sketch											
Lithological Symbol					1.1.1.1	1			1.1.1.	1 1 1-1.	
Color	dark	2.5674/1 E cline gray		2.5685/1 Sin Fray	2.56 Y 4/1 dark alin gran		9164		2.263 olim		1
Soil Description	Sa	ody Silt	70	Silt 30	Sandy Silt 197.49-50 hand		ilty V+ ·s	73	Sawly 3		
Labo. Sampling						***	· · · · · · · · · · · · · · · · · · ·				
Sampling No.			,							<u></u>	+ + + 1

(JICA Study Team)

Sheet No.

100

Thana	Keshabpur	•	Drilling N
Union	Panjia		
Mouza	Rajnagar Bankabarsi		Date
Location			Core rec

Drilling No.		GeJK-1	
Date	02	/ July	12001
Core re	corder	Sulna	gra

Depth (m)	1380	198,1	198,2	198,3	1984	198,5	198.6	195.7	19818	198.0	100
Lithological Structure Sketch											
Lithological Symbol	1.1		4		计算法						
Color			2,5 G					2.567 41 Lan clin			
Soil Description	198.	22~35 Z 45~49 J	Sandy Silt	Silt		55	Sil	ty VI S			-
Labo. Sampling		-					198	3,60		199	00)
Sampling No.							۔ د	eJK-1	- 67 (5'56 mg 7	ا (ع

Sheet No. 200

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 02	1 July 1 2001
Location		Core recorder	Suemora

Depth (m)	199,0	199,1	199,2	10,9,3	195.4	109,5	199,6	1997	199,8	199.0	200
Lithological Structure Sketch											
Lithological Symbol	14.1			1 1.1.	1 1	- 1 1	1 1.1.	1 1	1 1 1 1	1. 1.	1.
Color	2.56 Yz/	10 Y 4 gray		C	3.564 4/1 dark clin				2.5 GY dark old		
Soil Description	Sandy 6 Silt	V+	-5 23	5.	ill ~ Sank	: Silt		70	5 a r sla	: Silt	
Labo. Sampling											1 1 1
Sampling No.		 · · · · ·		·							; ; ;

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Sheet No.

201

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 03	1 July 1 2001
Location		Core recorder	Suraga

Depth (m)	200,0	200/	200,2	200,3	2004	200,5	2005	200,7	2098	2000	201.0
	<u> </u>	1 . [[] [] [] [] [] [] [] [] []	1 10 - 10	<u> </u>			1	1			!
Lithological Structure Sketch					12000						,
Lithological Symbol			.,								
Color				910	7.5 7 5/2 yiel cline	10 Y 51	•				
Soil Description			al	ternation	of Silt (0.2-9cm	and V1	(.5 3cm)				1 1 1 1 1 1 1 1
Labo. Sampling			-						·		
Sampling No.	1										

Sheet No.

202

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 03	1 July 1 2001
Location		Core recorder	Suraga

Depth (m)	1826	2011	20/12	1	2004	200		.	300F 300E		27
Lithological Structure Sketch											
Lithological Symbol	1-1-1-1		F-1	1 -1	1 1 1					,	
Color	1	10 Y S/2 -		10 Y 9.		10 Y 4 /1	12. (2)	10 Y 4/	1045,	_	
Soil Description	20/.	Sandy 12~14.3 5il		29 Yf.5	35 43 Silt	۷۴-۲	54 Silver 145	69 Vf·3		Sandy 5. S Layer (0.2	ilt - 9149)
Labo. Sampling						-			201.70	20	2,00
Sampling No.			-			· · · · · · · · · · · · · · · · · · ·		** distance	Ge JK-1-	68 (8:02 mg	(kg)

Sheet No.

Thana	Keshabpur	Drilling No. GeJK-1	
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 03 / July /2	001
Location		Core recorder Sueno ga	

Depth (m)	2020 202	.7 202.2 20.	3.3 202.4	202.5	202.6	20217	202.8	202.9	203
Lithological Structure Sketch									
Lithological Symbol					<u> </u>	······································			
Color	2.5675%, oline gray	2.5 G Y 5/1 oline gray		7.5 Y: grayist c	5/2 Elin	10 Y 4 /1			1075/1 gnau
Soil Description	Silt "	Silty Vf.s 32	а	Iternation .	of Silt (0.2~	and V-10cm; 0.	f.s Inlisin	95	٧f٤
Labo. Sampling				<u> </u>			-	· ·	
Sampling No.							<u> </u>		

Sheet No. 204

Thana	Keshabpur	Drilling No.	Ge.JK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 03	1 July 1 2001
Location		Core recorder	Sulmaga

Depth (m)	203.0	203.7	265,2	203,3	203.4	3055	207.6	203,7	=3.8	203.9	20410
Lithological Structure Sketch											
Lithological Symbol											
Color	10 / 4/1				of	7.5 75 % rayiel oline		74/1		· · · · · · · · · · · · · · · · · · ·	
Soil Description	77 VF·S 203,02-04 Sitt (tand)			alterrat	ión of	Silt i	ind Yf	5			
Labo. Sampling										· · · · · · · · · · · · · · · · · · ·	
Sampling No.						-					

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Sheet No.

205

Thana	Keshabpur	Drilling No.	GeJK-1	
Union	Panjia	Timing No.	Geart-1	
Mouza	Rajnagar Bankabarsi	Date ク3 /	July 12	
Location		Core recorder	Suenaya	

Depth (m)	204,0	204.1	2042	204,3	2044	20415	204.6	204.7	204.8	204.9	205
Lithological Structure Sketch			(0)							<u> </u>	
Lithological Symbol			10						<u> </u>		
Color	10 54/1 gray	g	1.5 75/2 ayish oline	10 74/1 gray			7,5 75/2 grazial olin	z Je	.SGY \$/1 only oline gray		
Soil Description	Vf.s 8	alte	rration of 5	ilt and V 8cm: 0.1	f.5 -3cm)	50	Sil	t ~ 50	archy Silt		
Labo. Sampling						<u> </u>					
Sampling No.											

Sheet No. 200

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 04	1 July 1 2001
Location		Core recorder	Sueroga

Depth (m)	205,0	205,1	205,2	200.3	205,4	205.5	205.6	12578	205.8	205,9	206.0
	1	:		<u> </u>	i						
Lithological Structure Sketch						:					
Lithological Symbol											
Color		2.5 G Y Elin 9			2.5675/1 olingray	10 TS/1			tacint 1 21		1
Soil Description	alt	ernation of S U.S.	ilt and S 8cm : 2	ardi Silt 36 ~6 cm)	alternation Sandy Silt (3-100	in of and Silty Vi	C.S. 20S.	5 ili 84-85 silt	ty Vf.5 block (hard	./sm)	
Labo. Sampling							205	.60		20	6.00
Sampling No.								ć	eJK-1-	69671m	2/rg)

(JICA Study Team)

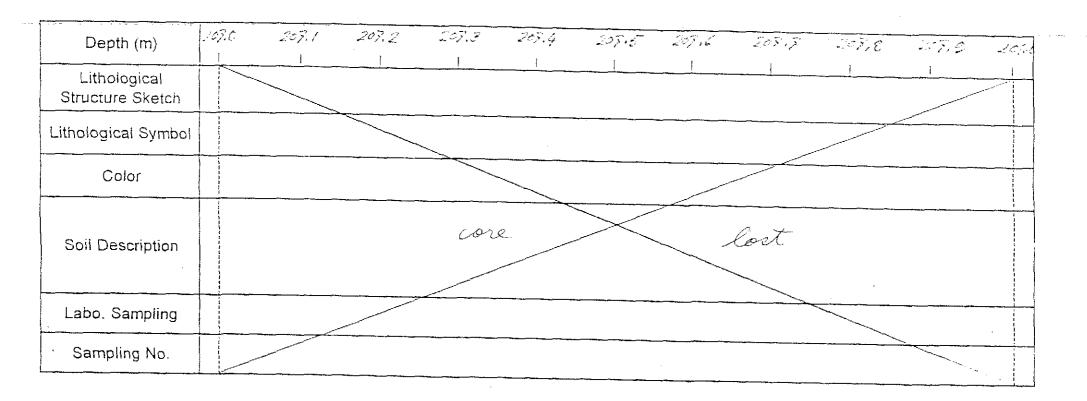
Sheet No. 207

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 04	/ July / 2001
Location		Core recorder	Suenaga

Depth (m)	22	6.D	206	./	201	5.2 2	106.3	206.4	206.5	206.6	206,8	206,8	206.9	207.0
Lithological Structure Sketch	1						/			!	1			
Lithological Symbol				[11/1					1.	1 1	1111	111	
Color		10 Y		loss.	2.56/5/ clim	10 La/		10 TS/1			oline gray			
Soil Description		Silty	VF·S	1	zh Sult	.30 Vf·S) >.	ilty Vf S 47~49 Vf	55	Juli	~ Sandy Si 16 Silty Vf	C+ S	90 core	last
Labo. Sampling		; ; ; ;			`							,		
Sampling No.														

Sheet No. 208.

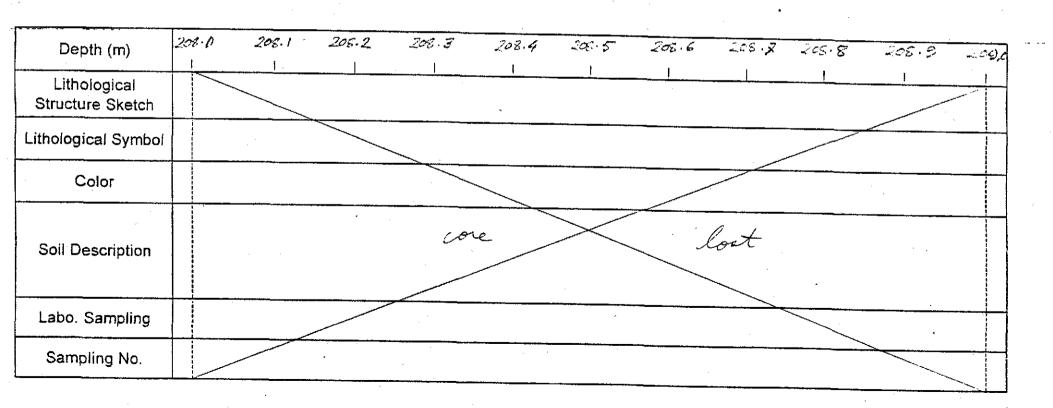
Thana	Keshabpur	Drilling No. GeJK-1
Union	Panjia	<u> </u>
Mouza	Rajnagar Bankabarsi	Date 04 / July / 2001
Location		Core recorder Suenaya



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Sheet No. 209

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		OCUTO-1
Mouza	Rajnagar Bankabarsi	Date 04	1 July 12001
Location		Core recorder	Suenaga



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Sheet No.

210

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 04	1 July 1 2001
Location		Core recorder	Suenaya

Depth (m)	209.0 209.1	209, 2 200	1.3 209.4	269.5	200,6	200,7	₹95,8	400.0	2.10.
Lithological Structure Sketch									
Lithological Symbol	;;)								
Color	2.55 Y 5/1 Sin gray	10 78/1 grau	10		2.5 GY	5/		1 - (! !
Soil Description	Silt ~ Sardy Si 209.15~16 VF-S	et 17 Yf. 5		Silt	~ Sandy 20	5, lt 9. 78-79 } 94-85 }	Vf.5		5
Labo, Sampling			209, 30		209.7	70			
Sampling No.				GeJK-1	- 70			**************************************	
	·			(8'94 mg	1/K8)	·		······································	<u></u>

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Sheet No.

211

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 04	1 July 1 2001
Location		Core recorder	Suenaya

Depth (m)	210.0	210.1	210.2	210.3	210.4	210,5	210.6	210,7	210.8.	210.0	211.0
Depar (m)				ļ					i	ì	, }
Lithological Structure Sketch											
Lithological Symbol				1						/.	
Color	7.56Y 5/	2575/	12.210	lin lin	gray						
Soil Description	Siltz V4-s	Silt "	of silt	30 Sq-c	by Silt 45		core	-	lo	st	
Labo. Sampling								•			
Sampling No.									*		

Sheet No. 212

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 04 /	Tuly
Location		Core recorder	Sumaga

Depth (m)	211,0	211,1	211.2	211,3	211,4	211.5	211.6	211,3	211.8	211,9	2/2,
			1	1		<u> </u>		<u></u>	1		!
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Core				lost			
Labo, Sampling											<u> </u>
Sampling No.						· · · · · · · · · · · · · · · · · · ·			`		

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Sheet No.

213

Thana	Keshabpur		•		Drilling	ı No.	GeJł	<-1	•	
Union	Panjia				, <u>.</u>					
Mouza	Rajnagar Ba	nkabarsi	-		Date	04	1 July	12	001	
Location					Core re	ecorder		na eya	007	
Depth (m)	2/2.0 2/2.1	212,2	<i>2/2,3</i>	2/2,4	2125	212.6	212,7	212,8	212.0	2134
Lithological Structure Sketch			· · · · · · · · · · · · · · · · · · ·			1				-
Lithological Symbol		· · · · · · · · · · · · · · · · · · ·								
Color			2.56 olin	gray				1074/1 gray	10 Y 5/2 Oline gray	
Soil Description			Sandy	gray				80 85 Silty Vf·s	Silt	
Labo. Sampling										i :
Sampling No.		· · · · · · · · · · · · · · · · · · ·		<u>`</u>						

(JICA Study Team)

Sheet No. 214

Thana .	Kes	habpur				Drilling	g No.	GeJ	K-1		
Union	Pan	jia									
Mouza	Rajr	nagar Ba	ankabarsi			Date	04	1]	uly 1	2001	
Location		~				Core	ecorder	5	uly		
Depth (m)	213.0	213,1	213,2	213,3	213,4	215,5	213,6	213,7	213,8	213.9	214,
Lithological Structure Sketch			<u> </u>		:			1			
Lithological Symbol										·	
Color	12,56Y 5/1		······································	-	Silt ~	1.5675/1 lin gray					
Soil Description	Silty VF-S				Silt ~	clayey	5ilt	,			
Labo. Sampling	1 5 6 1 4 4	1		21	3,30		2/3	.70			
Sampling No.						Ge	JK-1-1	7/		······································	

(JICA Study Team)

Sheet No. 2/5

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 0 4	1 July 1 2001
Location		 Core recorder	Sueraga

Depth (m)	214,0	214.1	214,2	214,3	214.4	214,5	214,6	214,7	214.8	274	19 2	15 0
	1	1	1	<u> </u>	<u> </u>		<u> </u>		<u> </u>	l		
Lithological Structure Sketch					/			· · · · · · · · · · · · · · · · · · ·				
Lithological Symbol	1		1 1			1			1 1 1	1		
Color		2.5GY 5/ oline gray					2.564 5/1 oline gray		2.56Y 5% oline gra		10 T 4/1	
Soil Description		Silt	25	Core	lost	50	Cayey Sil	et 15	Silt	90	S ilty Vf·S	
Labo, Sampling									·		,	
Sampling No.				/		/			•			

(JICA Study Team)

Sheet No. 216

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 04	1 July 1 2001
Location		Core recorder	Sueraga

Depth (m)	215.0	215.1	215,2	215,3	215,4	2/5,5	215,6	215.7	2/5.8	215.0	216 t
	1			1	1	1	<u> </u>		<u> </u>	1	1
Lithological Structure Sketch									18		
Lithological Symbol						1			14		
Color		_	10 Y 5/1		1.5 T 5/2 grayist olina			97 G/1			
Soil Description	MAX	ica nich	V+.2	36	Silt 44	215.69-7		74° S 2.18 ga	o ~ ≥16.00	silty V4.s	
Labo. Sampling											; ; ;
Sampling No.											

(JICA Study Team)

Sheet No. 2/7

Thana	Keshabpur	•	Drilling No.	GeJK-1	
Union	Panjia				
Mouza	Rajnagar Bankabarsi		Date 04	1 July 1 2001	
Location			Core recorder	Suenaga	

Depth (m)	2/6.0	216.1	216.2	216,3	216.4	2/6,5	216.6	216,7	216.8	216.	9 217.0
Lithological Structure Sketch				<u> </u>		·					
Lithological Symbol	3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		ii.							Tina)	1 1 1 1
Color					(J) (V)	10 - 1/2 mg	4/1	14			gray
Soil Description		16.09~117 17~19 68~69	Silty Yf s		v4.S		85 - 90 -	Silt block	(3cm. gray	1	Salt
Labo. Sampling			2/6	. 20		2/6.	60	<u> </u>			
Sampling No.					GeJK-1	- 72 (6.62	rng /49)				

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Sheet No. 2/8

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 04	1 July 1 2001
Location		Core recorder	Suenacio

Depth (m)	217.0	2/7,/	217.2	217.3	217.4	217.5	217.6	217.7	217.8	~ 79	218,0
Lithological Structure Sketch							03			1	
Lithological Symbol	E 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4					,	1 1 -				
Color	7		10 Y 5 /	1			2,56) olin		1075		
Soil Description	1		Silty V	7.5			riternation c 63-67 cich	f Silt	and Sil		
Labo. Sampling		1 0 min 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1			· · · · · · · · · · · · · · · · · · ·			- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		
Sampling No.					·····	4				-	

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Sheet No. 2/9

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 04	1 July 12001
Location		Core recorder	Suemaga

Depth (m)	218.0	218,1	218,2	2/8/3	218,4	21815	218,6	218,7	218,8	218.0	219,0
	1		1		<u> </u>		!	<u> </u>		ı	1
Lithological Structure Sketch											
Lithological Symbol						1 1 1	1 1 !	1 1 1	1 1 1 1		1
Color			10 / 2/				5675%	10 (51)		1075/1 Jung	
Soil Description	213	5, 35~29? 35~36J	ilty VF. xilt	٤	\$ 5	coith then	layey Silv 44.5 layer	4 abelt 10.1-0.2cm.	duat)	Silty Ut	2.5
Labo. Sampling						•					
Sampling No.				· · · · · · · · · · · · · · · · · · ·							

Sheet No. 220

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		_
Mouza	Rajnagar Bankabarsi	Date 04	4 / July / 2001
Location		Core recorder	Sulnaga

Depth (m)	219	0.0	219.1	219.2	219,3	219,4	21915	219.6	219,7	219,8	219.9	220.0
Lithological Structure Sketch	100		00	980	1	M	1	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
Lithological Symbol										V.		1
Color				75/1 may		1045/1	2,56/3// oli gry		10 75/	,		
Soil Description		219.00	· V ~20 3	f-S Tilt block (1-	35 3cm, g-aug)	5 (lty Vf.5 219,35~37 wilt black (hard	Sarchi Silt	219.83~85	Vf·s ailt			
Labo, Sampling												
Sampling No.												

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Sheet No. 221

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza Rajnagar Bankabarsi		Date 07	1 July 1 2001
Location		Core recorder	Suenaga

Depth (m)	220.0	220.1	220.2	220.3	220,4	220.5	220.6	220.7	220.8	220.0	221.0
Lithological Structure Sketch			:	Q.C.		,5	12 (S)	<u> </u>		<u>()</u>	
Lithological Symbol	1 1					1 1 1					
Color			10 45/1		1	100 707 Jin gray		4	Y5/1	·	
Soil Description	mc 220	ea nich 1.32-39 be	f ~ f · S mill felt (1~3c. oturbation, trace	block n. oten gray) x fabil	39 Swith	ilt f.s.block	58 mica 220.5	nich V4	~ f.S with filt bl queil	bash (oline z	reu;)
Labo. Sampling					.4						
Sampling No.							· · · · · · · · · · · · · · · · · · ·				

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Sheet No. 222

Thana Keshabpur		Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 07	1 July 12001
Location		Core recorder	Sueraga

Depth (m)	221,0	221,1	221,2	221,3	221.4	221,5	2.21.6	221,3	221,8	221.9	2241
Depth (iii)	!	<u> </u>			l	į	I	1	1	I	1
Lithological Structure Sketch			B				:	Way!			
Lithological Symbol				P							
Color				10 Y5/	<u>-</u>				1	75/ 2.56 dork	64% of:-
Soil Description	1 .	ica nick 221,20-23	silt iense	vf ~ f · s	2	2 * /.71 ~ 80	pilt block as.	li naz	80 Si mith	64 91 Sand f.5 121,91 lenie VF	
Labo, Sampling				22/	30		22/,	70			
Sampling No.	1 1 1			Se J	K-1-	73 (3	(Signa/ka)	į į		<u>, , , , , , , , , , , , , , , , , , , </u>	

(JICA Study Team)

Sheet No.

223

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 57	1 July 12001
Location		Core recorde:	Suenasia

Depth (m)	222.0	2.22.1	222,2	222.3	222.4	222.5	222.6	222.7	222 8	222.9	£25,0
Lithological Structure Sketch								The state of the s	40°0		0
Lithological Symbol										1111	
Color			λ 2V ·	10-16/1				1075/1		2.5675%	1075/
Soil Description	1 1	S. mia nicl 222,23~28} 232~37}	ilty Yf ~	. Vf·S		53	222, 7/~ 8	5 silt block (1-4cm, ob	ine grave)	Silt 44 auth fishiyar	V+- +.s
Labo. Sampling										· <u>········</u>	
Sampling No.											

(JICA Study Team)

Sheet No. 224

Thana	Keshabpur	Drilling No. Ge.JK-1
Union	Panjia	CEJI(-)
Mouza	Rajnagar Bankabarsi	Date 07 / July / 2001
Location		Core recorder Sulmaga

Depth (m)	223.0 223.1 223.2 223.3	223,4 223.5	223,6 223,7	225.8 225.9 22.7,
Lithological Structure Sketch	CD CD			
Lithological Symbol				
Color	10 Y 5 /1	2.5615/1 ~ 10 (5)	Z,	
Soil Description	Vf ~ f. S mica rick 223.14 ~ 25 silt block (1-20 dingra)	Silty Vf - Vf.5	70	core lost
Labo. Sampling				
Sampling No.				

(JICA Study Team)

Sheet No. 225

Thana	Keshabpur	Drilling No. GeJK-1	
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 07 / July / 2001	
Location		Core recorder Suena-ga	

Depth (m)	224,0) 224.1	224.2	224.3	224.4	224.5	224.6	224.7	224.8	224.9	225,0
Lithological Structure Sketch											
Lithological Symbol									(
Color		10 Y 5/1		2,5675/1 olin gray	2,5675/1 oline gray	1075/.2	~	975/1	2.5675	10.15% gra.	
Soil Description		famis mica nick	21	Silt 35 ait 4.5 loger	Silty Vf.	S 52 39	60 Sita VF-S	V-^-s	ro 88 Silog Vf.s	vf.\$	
Labo. Sampling											
Sampling No.											1

Sheet No. 226

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		A
Mouza	Rajnagar Bankabarsi	Date 08 /	July 1 2001
Location		Core recorder	Suémaga

Depth (m)	225.0	2257.1	225,2 1	225.3	225.4	2257.5T	225,6	225,7	225.8	225,0	226	
Lithological Structure Sketch												
Lithological Symbol						: I check						
Color		7.5 × 4 /1 97ay					10 Y 5%	· · · · · · · · · · · · · · · · · · ·				
Soil Description		5	panely Si	lt ~ Silty	V+ ·S	54	V+·= 64	Sand	y Silt ~	Sikty V	14.5	
Labo. Sampling	1 22	25,00		225.4	40		•				3	
Sampling No.	1	Ge	JK-1- /	74 (7:16 mg/1	(8)				**************************************		; ; ;	

(JICA Study Team)

Sheet No. 227

Thana	Keshabpur		Drilling No.	GeJK-1
Union	Panjia			
Mouza	Rajnagar Bankabarsi		Date 08	1 July 1 2001
Location		÷	Core recorder	Suenaga

Depth (m)	226.0	2.	26.1	226.2	226,3	226.4	226.5	226.6	226,7	226.8	226.9	227,
Lithological Structure Sketch	1					1	1					
Lithological Symbol						 	·				1 1/11	
Color	1 1	5 Y 4 /	1075/	7.5 +4/1	5%	7,3	74/, gruy		10 7 5.		1075/ Emre	1 6 9 9
Soil Description	Sas	L Silt	/6 VF.S		27 Vf ·S	Sandy Sibt	- Silty V	F.S .	69 Vf-	n 85 Silty Vf.5	VF S with Silt block	£.
Labo. Sampling			•						· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
Sampling No.								· -			-	

(JICA Study Team)

Sheet No. 228

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 08 /	July 1 2001
Location		Core recorder	Sukna za

Depth (m)	227.0	227,1	227.2	227,3	227.4	227.5	227	2.6 227.7	227.8	229.9	228.0
Depth (III)	1]		1		ļ					l
Lithological Structure Sketch		:	`. :		: :	: :				Will have been a second	
Lithological Symbol			1111								1
Color	5/1		5.2 X 4/1		,	975/,		2.56 oline ;			225 225
Soil Description	7 VF.S		silt 33 vr.s	3.5		f·S	60	Salt. with their 44.3	L Layer		-f·S Eblock
Labo. Sampling						**************************************				•	
Sampling No.											! ! !

(JICA Study Team)

Sheet No. 229

Thana	Keshabpur	Drilling No.	GeJK-1	
Union	Panjia			
Mouza	Rajnagar Bankabarsi	Date 08	1 July 12001	
Location		Core recorder	Sueraga	

Depth (m)	228.0	228.1	228.2	228.3	228.4	228.5	228.6	228.7	228,8	228.9	229£
Lithological Structure Sketch			AND	1 8) 0 4			(000 (000)	20 0 000 00 00 00 00 00 00 00 00 00 00 0	· No	0
Lithological Symbol				1 1 Shell	7		Shell		l I sha	2-4 1 1	
Color		10 X 2/1		7.5 Y 4/1		10 Y 4			7,5 Y	4/,	
Soil Description	ent	Vf ~ f · S thault block (97		Silt ~ Sandy S public of with 4.5 Layo 228.38-39 The Dl 10.2×1cm.	Errament	mith vist. 228.59-61 june	Vf.S Pelble (0,0.1- ailt bibaic (11-5 Upproport 6,5 x1	em mets	f.s layer	(mainly D.A. O.t. Silt dielete (lura endu.)	Ì
Labo. Sampling											
Sampling No.											

Sheet No. 230

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		4.
Mouza	Rajnagar Bankabarsi	Date 08 /	July 1 2001
Location		Core recorder	Suemacha

Depth (m)	229,0	229.1	229,2	229,3	229.4	229,5	229,6	229,7	229.8	229,9	230,0
Deptit (m)		1	<u>. !</u>		l	1		1	1		<u> </u>
Lithological Structure Sketch		<i>(</i>	Dega _a		0_					MILL	
Lithological Symbol			,				1 //	ي الم		/	1
Color	7.	5 Y 4/1	2574/1 ~		10 Y 4 9-14		eli:	07 4/2 10 TR3/ gray brownish black	Qnuus.	10 Y S /	
Soil Description	with	Salt Pellile Shock	moth peblic (0.0, 0.5	= 4.5 - m) = (0.5 - 2 cm)	294,40~ 92 P. 294,60~62 S		3 cm		Silt 85 Pelolole	famis Silt block may 11:11 Colin black	` i
Labo. Sampling	. 4 5 1 .s 2 1										1
Sampling No.											1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

(JICA Study Team)

Sheet No. 231

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 08	1 July 1 2001
Location	······································	Core recorder	Suenaga

Depth (m)	230.0	230.1	230-2	230.3	230.4	2305	2.30.6	230.7	230.8	230.0	231,0
Lithological Structure Sketch	0	. 0	, Q								
Lithological Symbol	-							1111	1	<u> </u>	
Color			//	Sunt 10 10				7,575, gray	ł		
Soil Description	23	with 10.01-03 falls	Silt block le(km)	m ~ (·) (grazest olin rolin gray 230.	5 - 1~ 4 cm) 55 - 59 pe	ty silt b	lock (sim brown	68 Silt	78 core	lo	t
Labo. Sampling						-			1/		
Sampling No.							·—			· · · · · · · · · · · · · · · · · · ·	

Sheet No. 232

Thana	Keshabpur
Union	Panjia
Mouza	Rajnagar Bankabarsi
Location	

Drilling	No.		GeJK	-1		
Date	80	/	July	/	2001	
Core r	ecorder		Suemaç	ia		

Depth (m)	23/.0	231.1	231.2	231.3	231.4	231.5	231.6	231,7	231.8	231.9	232,0
Lithological Structure Sketch		1				!	<u> </u>				
Lithological Symbol		1 1		1 1							
Color			7,5 Y 5 /s gray								
Soil Description	;	1.09-12 Pa 1.35-40 ja	5 It with bble (0.8. and.	thir 44.5 kay	40 es	. (ere i		loss		
Labo. Sampling	23	/.00		23/,35		ar de la companya de					
Sampling No.	G	,eJK-1-	75 (9.52	mg/kp)		1				***	

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Sheet No. 233

Thana	Keshabpur	Drilling No.	GeJK-1	
Union	Panjia			_
Mouza	Rajnagar Bankabarsi	Date 08	1 July 1 2001	
Location		Core recorder	Suemaga	-

Depth (m)	2320	232.1	232,2	252.3	2324	232.5	232.6	2327	232,8	2329	233
Lithological Structure Sketch		<u> </u>							. 1	<u> </u>	
Lithological Symbol								1.1			
Color					· · · · · · · · · · · · · · · · · · ·		1075/1 gray		7.5)	granj S	
Soil Description		C	one		oot	So	Silty VT s	70	Sandy	Silt	
Labo. Sampling											
Sampling No.					,						

(JICA Study Team)

Sheet No. 234

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 08 /	July / 2001
Location		Core recorder	Suenaya

Depth (m)	233.0	233.1	233.2	233.3	233,4	233,5	233,6	233,7	233,8	233.9	234.0
Depth (III)	i		l	.,	l	1			Į.	<u> </u>	
Lithological Structure Sketch											
Lithological Symbol	1.7	1 1 1.									! ! ! !
Calor		7,-	575/1			·	10 Y _ gra.	*			
Soil Description		Sande	Silt	33			Silty	Y4·S			
Labo. Sampling					2	33.40		2.33	3,80		
Sampling No.						GeJK	- 1- 76	(5.20 mg	/re)		

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Sheet No. 235

Thana	Keshabpur	e e	Drilling No.	GeJK-1
Union	Panjia			
Mouza	Rajnagar Bankabarsi		Date 08	/ July / 2001
Location		. *	Core recorder	Suemaga

Depth (m)	234.0	234.1	234,2 1	234.3	234,4	234.5	234,6	234,7	234.8	234.9	235,0
Lithological Structure Sketch									A .		
Lithological Symbol											
Color		10 K2/1		\ /				1075/1			
Soil Description	<u> </u>	silty vfs 15	core		lost	45 234,77-	Ų	y Vf·S lock (2cm.)	
Labo. Sampling										•	
Sampling No.		· .								· · · · · · · · · · · · · · · · · · ·	

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Sheet No. 236

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia Panjia		
Mouza	Rajnagar Bankabarsi	Date 08	1 July 12001
Location		Core recorder	Suenaga

Depth (m)	235.0	235,1	235,2	235,3	235,4	235,5	235,6	235.7	235,8	23519	236.0
Lithological Structure Sketch											1
Lithological Symbol											1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Color		2575/1				7.5 T.	*	1075/1			
Soil Description		Silty Vf	.5		alternatu	in of .	Filt :: : : : : : : : : : : : : : : : : :	L Silty V	f~ Vf. 9 m)	. ·	
Labo. Sampling						***************************************				 	
Sampling No.				· · · · · · · · · · · · · · · · · · ·	-						

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Sheet No. 237

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 08	1 July 1 2001
Location		Core recorder	Suenaga

Depth (m)	2.34.0	236.1	236,2	236,3	236,4	236.5	236.6	234,7	236,8	236.9	237.0
ocpan (m)		- 1	1			<u> </u>	11	.		· <u> </u>	!
Lithological Structure Sketch		<u>:</u>							:		
ithological Symbol											1
Color				gray	80ed 10127				10 Y S	•	
Soil Description			ulterration	of Silt (0.5.	and J 7cn : z	~22 cm)	s ~ Vf·s	69	Silty V	7.5 ~ V	f·s
Labo. Sampling			v.					236.	69 .	23	7.00
Sampling No.								· G	6eJK-1-	- 77	!

Sheet No. 238

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		(
Mouza	Rajnagar Bankabarsi	Date 06	1 July 12001
Location		Core recorder	Sulmaga

	237.0	237./	237.2	237.3	237.4	237.5	237.6	237.7	437.8	و. ترت.	2380
Depth (m)		<u> </u>	!				<u> </u>		1	1	
Lithological Structure Sketch						9			\		
Lithological Symbol							i ! i !				
Color		10 Y 5/1 gray			7.5 T 9/1 gray	10 15/1 gray			7.5 Y4/1		gray gray
Soil Description		V£.2	18	alternati	ion of Six	lt and Vf	s Kemj	72	Sandy Silt with the VF.S	f 91 S Rayon	ilty VF·3
Labo. Sampling											1
Sampling No.	1										

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Sheet No. 239

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 57	/ July / 2001
Location		Core recorder	Suenaga

Depth (m)	238.0	2381	238.2	23&3	2384	258.5	232,6	238.7	238,8	238.9	232,0
Lithological Structure Sketch											
Lithological Symbol											
Color					2.5 G dank ole	1 4/1		27.01	det		
Soil Description			alte	ination of	f Sil	t - Sand 8 - 9 cm	ly Silt	and Silty 1~7cm)	Vf.5 ~ 1	VF.5	1 3 8 6 1 1 1 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
Labo. Sampling								· · · · · · · · · · · · · · · · · · ·		<u></u>	
Sampling No.							'' 			·	

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Sheet No. 240

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia Panjia		000.(1
Mouza	Rajnagar Bankabarsi	Date 08	, July ,
Location		Core recorder	Surveya

Depth (m)	239.0	0 239,1	239,2	239,3	239,4	239,5	239,6	239,7	239,8	231.9	240.
Lithological Structure Sketch						<u> </u>	1				
Lithological Symbol	1					1 1 1	1 1 1	<u> </u>			
Color		7 mg			ne gray			10 Y -	5/1 ~ 10 gray	Y 41	1 1 1 2 2 3
Soil Description	-	silty of 17		5	ilt	,	ځک	Silt	なVf~ V	14.5	
Labo. Sampling	1										
Sampling No.			, <u></u> ,					* 1			

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Sheet No.

24/

Thana	Keshabpur		Drilling No. GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	. •	Date 09 / July / 2001
Location		•	Core recorder Sulmagn

Depth (m)	240.0	240,1	240.2	240,3	240,4	240.5	248,6	240,7	240.8	240,9	241,0
Lithological Structure Sketch	<i>a</i>)		6					ا اُلَّ		1	; ;
ithological Symbol	1										
Color		**************************************			2.56 Y 5,						
Soil Description		with this	Yf.s la	5 ilt yer (0.1-	~ Sand 0.5 cm . lig.					·	
Labo. Sampling				·			240	.60		2	41.00
Sampling No.	v			*				G	eJK -1-	78	

Sheet No.

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 09	1 July 1 2001
Location			Sueraga

Depth (m)	241.0	241.1	241.2	241, 3	241.4	241.5	241.6	241.7	241.8	241.9	2420
Lithological Structure Sketch									1		1 2 1 1
Lithological Symboi				1							1
Color		.5GY 5/1 grun	10 / 2	**				5675/1 line gray		**************************************	i i i i
Soil Description	(4	Silt - Sardy	Silt and 1	Vf·S	with:	thin V4's	Silt Layer (~ Sundy 10.1~0.3 cm	Silt light gray)		
Labo, Sampling				-							
Sampling No.											

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Sheet No. 243

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 09	July / 2001
Location		Core recorder	Suena eja

Depth (m)	242.	0 242	.1 242.2	2423	242.4	2425	242.6	242. X	242.8	242.9	2430
Lithological Structure Sketch											
Lithological Symbol										· · · · · · · · · · · · · · · · · · ·	
Color	.ia	1,56 Y 4/1 Laline gray	1075/1-1	Į.				-2.5645/1 Olin 9			
Soil Description	5	andy Silt	Silty V+	31 ک	with the	Sil i 47.5 Lay	cz (0.3-3	andy Si	lt nay)		
Labo. Sampling			[<u> </u>						
Sampling No.			·	··· , , , , , , , , , , , , , , , , , ,							

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Sheet No. 244

Thana	Keshabpur	Drilling No. GeJK-1	
Union	Panjia Panjia		
Mouza	Rajnagar Bankabarsi	Date 09 / July 12001	
Location		Core recorder Suena ga	

Depth (m)	243,0	243,1	243.2	243,3	243.4	243.5	243.6	243,7	243,	8 243,9	244,0
Lithological Structure Sketch											
Lithological Symbol				1 1				·		Start Burgar	
Color		10 Y 5/1 gnay		5675/ Um gray				74/1			
Soil Description		Vf-5 13	mith. then (0,2-0.	olt VF.S -layer Sim, ligh gr	4.4			ilż V	f.5		
Labo. Sampling							24	3.60		244.	00
Sampling No.		10.						Get	- K - 「	79 (4:39 mg/	kg)

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Sheet No. 245

Thana	Keshabpur	_	Drilling No.	GeJK-1	
Union	Panjia	- -			
Mouza	Rajnagar Bankabarsi	<u>.</u>	Date 09	1 July	1 2001 aga
Location			Core recorder	Swene	aga
Depth (m)	244.0 244.1 244.2 24	44.3 244.4	244.5 244.6	244.7 24	4.8 244.9 2457
Lithological Structure Sketch					
Lithological Symbol			.		
Color		gray 1			2.5674/1 dank oline gray
Soil Description			VT S wilt block (1831)	. grazisi oline)	Sandy Silt with thin VF.S layer
Labo. Sampling					
Sampling No.					

Sheet No. 246

Thana	Keshabpur	Drilling No. GeJk	(-1
Union	Panjia	. > = 0	
Mouza	Rajnagar Bankabarsi	Date 13 / July	1 2001
Location		Core recorder 5 ×	naga

Depth (m)	245	70	245.1	245,2	245,3	245.4	245.5	245.6	245.7	24578 !	245.9	246,
Lithological Structure Sketch	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											
Lithological Symbol												1
Color		· /				0 Y 5/1 ~	2.5675 olin y					
Soil Description		245.0	0 ~ 03 Yf	with,	thin Yf.s	Sandiz Layer (o.	5 ilt 1 ~ 0.5cm	Light que	(
Labo. Sampling								24	45.60		246	.00
Sampling No.	1								Ge J	K-1-8	80 (6.74 m)	g/kg)

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Sheet No. 247

Thana	Keshabpur	. •	Drilling No.	GeJK-1
Union	Panjia		<u></u>	
Mouza	Rajnagar Bankabarsi	•	Date 13	1 July 1 2001
Location			Core recorder	Suenaga

Depth (m)	246.0	246,1	246.2	24623	2464	246,5	246,6	246,8	246.8	246.9	247.0
Lithological Structure Sketch										1	
Lithological Symbol					M		1 1 1 1	()	1 /		
Color		1012/ - 101	5/1	10 Y 5 11,	i	GYS/1	7.5 T grays	5/2 sh oline	10 Y 6/1	1075/1	
Soil Description		Silty Vf s		۲٠٠.۶	41 Cla	ycy Silt ⁵⁶	sid vs.s	Leyen .	M-7-7	rica rick	
Labo. Sampling					,						
Sampling No.			× .								

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Sheet No. =48

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		. <i>6</i>
Mouza	Rajnagar Bankabarsi	Date ろ /	1 July / 2001
Location		Core recorder	Sueraga

	243.0	247.1	243.2	247.3	2474	245.5	243.6	247,7	245.6	245.9	2480
Depth (m)		1		1		1	1	1 70 -	<u> </u>	<u>, </u>	
Lithological Structure Sketch	AD)	<u> </u>			0	0 7777	0	O V			
Lithological Symbol											
Color		2,56 Y 5 /1 - line gray	9.5 Y 5/2 graziel clins				4 8 /1 gray				
Soil Description	- Lev		~ Silt block (inregular	28 mits	l silt bloc	Vf ~ f·S L loline gray. C	mica ;	nief 247,74 - 9.	E with sit	t layer	
Labo, Sampling	1										
Sampling No.											

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Sheet No. 249

Mouza Rajnagar Bankabarsi Location		Core recorder
		Date /3 /
Union	Panjia	
Thana	Keshabpur	Drilling No.

Drilling	No.	GeJK-1	
Date	13/	J.ly / 2002	1
Core re	corder	Suenaga	

Depth (m)	248.0	248,1	248.2	248,3	248.4	248,5	248.6	248,7	248.8	248,9	249,0
Lithological Structure Sketch							1 VI			1	A
Lithological Symbol						111				Miller	
Color		10 7 6 /1 gray			2.5G	Y 5/1	· · · · · · · · · · · · · · · · · · ·		2.5GYS,	•	6/1 7ay
Soil Description	1	. Vfn f.S .08-11 silt lagor				Silt	with f.s	layer		ation of and f.s	
Labo. Sampling											
Sampling No.					<u> </u>				·		

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Sheet No.

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Location		Core recorde
Mouza	Rajnagar Bankabarsi	Date /
Union	Panjia	
Thana	Keshabpur	Drilling No.

Drilling	No.	GeJK-1	
Date	/3	1 July 12001	
Core re	corder	Suenaya .	_ -

Depth (m)	249,0	240,1	2492	240,3	2494	249,5	249.6	249,7	249,8	249,9	250,0
Lithological Structure Sketch						NI III				1	
Lithological Symbol					4) i,	1
Color			2,56) oline	year	10 / 6/.	-		2.5	GYS/1		
Soil Description		al	terration of	l Silt (0,5-3 cm	and s	15- f.5 (5-4)	62			& vf-f.s do	zyez
Labo. Sampling				<u> </u>			<u>'</u>				
Sampling No.											

(JICA Study Team)

Sheet No. 251

Thana	Keshabpur	Drilling No.	GeJK-1	
Union	Panjia			
Mouza	Rajnagar Bankabarsi	Date /3 /	July 12001	•
Location		Core recorder	Surnaya	

Depth (m)	250.0	250.1	250.2	250.3	2504	250,5	2506	250,7	250,5	250,9	251.0
Lithological Structure Sketch) { (1		
Lithological Symbol				1,1,1,	2411			11111	18	1/1/1/2	
Color				10 24/1	- 2.5 G dank our			J.S.V.			
Soil Description		ca n'ch 0.02-04 sibt	terratión block (30	•	Silt brown)	and 25	Vf~f.s		ilty V1.5		Ca.
Labo. Sampiing											
Sampling No.					· · · · · · · · · · · · · · · · · · ·						

(JICA Study Team)

Sheet No. 252

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia Panjia		
Mouza	Rajnagar Bankabarsi	Date/3	1 July 12001
Location		Core recorder	Sulnaga

Depth (m)	251.0	25/.1	251,2	251,3	251.4	251,5	251,6	251.3	2512	251.9	252,0
·	1	<u> </u>		1	<u> </u>			ļ	1	<u> </u>	
Lithological Structure Sketch											
Lithological Symbol											
Color				10 x 4/1		ray				gray	
Soil Description	me	al ica nick	ternation	of Silt (2-	~Sandy S. 6 cm :	ilt and 1-175m)	Yfa f-s	s 74	mica rich	2.5	
Labo. Sampiing									25/.74		\rightarrow
Sampling No.	1						_		GeJK	-1-81	

(JICA Study Team)

Sheet No. 253

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date /3 /	July / 2001
Location		Core recorder	Suemega

Depth (m)	252.0 25	7.1	252.2	, 252,3	25-14	2525	252,6	252,7	252.8	252.9	253,0
Lithologicai Structure Sketch		0				011/00	000		\$850,	9°	
Lithological Symbol					7	01111					1
Color	1 1	ray		107 4	•	1	Y 5/,		15/1 Nay	-	1
Soil Description	mica rich	`-\$	21	Sandy Silt with fis loyer	(inegular	48 f. mit (0.8,	S 61 Pebble 25-125cm)	with par	ble (0.5 m	micanik Scm.) Scm. oling	nay)
Labo. Sampling	K- 257,1	10	`								
Sampling No.	GeJK-1-8	31	-								

(JICA Study Team)

Sheet No. 254

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date /3	1 July 1 2001
Location		Core recorder	Suraya

Depth (m)	253,0 253	1 253,2	253,3	253,4	253,5	253,6 1	252,7	253,8	253,5	254.0
Lithologicai Structure Sketch	188			00	0 6	1 pm 3			\	
Lithological Symbol										711
Color			91 cy				GY 4/1 clim gra	1		
Soil Description	mith	Pebble (0.0, silt block (frm. 2cm) Insem, ole	s nay)	56	enith the 253.79~98	Salt Fis layer	85 -/.5cm)	ione d	lost
Labo. Sampling	. !									
Sampling No.										

Sheet No. 255

Thana Keshabpur	Drilling No.	GeJK-1
Union Panjia		
Mouza Rajnagar Bankabarsi	Date /3 /	July 1 2001
Location	Core recorder	Svenega

Depth (m)	254.0	254.1	254,2	254,3	254.4	254.5	254.6	254,7	254.8	254,9	255.0
Lithologicai Structure Sketch									1.1		
Lithological Symbol					•.						
Color					56 Y5/						
Soil Description		with	this VI-S	layer	Silt Co. Icm. le	ght gray)					
Labo. Sampling					<u> </u>		25454	···	2:	54,91	
Sampling No.							Ge	J K - 1-	82(67.6	sl ma/ka	

Sheet No.

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	_Date/_3	1 July 1 2001
Location		Core recorder	Suknaza
		Ole records:	J. W. Mariana

Depth (m)	255.0 L	2 55. 1	255.2 	255,3 I	255,4	255,5	255.6	255,7	2ఫిక్కర్	255.9	256.0
Lithological Structure Sketch					00				:		
Lithological Symbol	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									· · · · · · · · · · · · · · · · · · ·	
Color			5675/1 oline grang					2.56 Y	5/1		
Soil Description		with th	Silt in W.S Lag	er (over	. light gr	50 (mg.)	de	wjeg Si			
Labo, Sampling											
Sampling No.											

(JICA Study Team)

Sheet No. ZOX

THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS
FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

Thana	Keshabpur	_	Drilling No.	GeJK-1	
Union	Panjia	_			
Mouza	Rajnagar Bankabarsi		Date /3	, July 12001	
Location		_	Core recorder	Sueniga	

Depth (m)	256.0	256./	25%	5, <i>Ž</i> 	254	<i>3</i>	256.4	256.5°	i feet I	2061 1	۶ . پر و ړه ۱	4.8	::::::::::::::::::::::::::::::::::::::	يرن بر ا
Lithological Structure Sketch		111		· · · · · · · · · · · · · · · · · · ·						. !		þ		,
Lithological Symbol		······································												
Color								6 Y 5/1 - gray			_ -	·····		
Soil Description				lun	ith Thin	Υ <i>-</i> Υ-	layey 5 layer	5 Nt (0.1cm 1	light gray))				
Labo, Sampling					256.	23		·	256,66					
Sampling No.							Ge JK	:- - 83	>					

(32,55 W8/k8

(JICA Study Team)

Sheet No.

58

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 3	1 July 1 2001
Location		Core recorder	Suenoga

Depth (m)	257.0	257.[257.2	258.5	259.4	255.5	22.7.6	2583	258.E	257.9	2000	
Deptit (iii)	!							1	į.	1	,	
Lithological Structure Sketch				· ·								
Lithological Symbol											i 5 5 1 1	
Color					2.56) olim							
Soil Description			with	thin VI.	Layey S S layer (ilt 0-1cm.	light gro	¥)				
Labo, Sampling	:										-	
Sampling No.		· · · · · · · · · · · · · · · · · · ·									; ; ;	

Sheet No.

259

THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

Thana	Keshabpur		Drilling N	0.	GeJK-1	
Union	Panjia					
Mouza	Rajnagar Bankabarsi		Date	13 /	July 1	2001
Location			Core reco	order	Summa	
•		1.7			<u> </u>	

Depth (m)	25	8.0	26	5.1		258	.2	258.3	258.4	26815	235.6	268,7	25	E.E.	258.	9 259.
Lithological Structure Sketch		r! *! *: *:	- - - - - - - - -	<u>'</u>	:		, , ,	:		1			<u> </u>	; ;	<u> </u>	
Lithological Symbol											7				<u>- </u>	
Color		***************************************							2.56 Olin	,					,	
Soil Description							л	with this	layey Vf·s la	Silt yer (0.15	m. light	gray)				
Labo, Sampiing		_		-							25	8,60	•	<u></u>	2,	59.00
Sampling No.					<u> </u>	· · · · · · · · · · · · · · · · · · ·			··			Gø	TK-	1-8		

(11'16 mg/kg)

Sheet No.

260

Thana	Keshabpur				Drillin	ıg No.	GeJ	K-1		
Union	Panjia								· · · · · · · · · · · · · · · · · · ·	
Mouza	Rajnagar B	ankabars	ii		Date	/3	1 July	4 12	201	
Location					·	recorder	/ July Su	magra	<i>JOJ</i> .	
-										
Depth (m)	259.0 259.1	259.2	259, F	259.4	259,5		.,	259.5	259,9	2602
Lithological Structure Sketch									1	
Lithological Symbol	1 1					·				1
Color					975/1 9143					
Soil Description		with	C thi V+.5	lazey S Layer (ilt ~.	Silt The gray)				
Labo. Sampling									.4	
Sampling No.				····						

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Sheet No.

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Thana	Keshabpur	•	Drilling No.	GeJK-1	
Union	Panjia				
Mouza	Rajnagar Bankabarsi		Date /3	1 July 12001	
Location			Core recorder	Suenaga	
				·	
	26 h 26 t 26 2 2 7				

Depth (m)	260.D	260.1	260.2	260.3	260,4	260.5	260.6	26¢ .7	260.8	260,9	261.0
Lithological Structure Sketch											
Lithological Symbol								<u> </u>		•	41
Color			· · · · · · · · · · · · · · · · · · ·		5GY olin	5/i				- 	
Soil Description		mi	th thi	14.5 Lay	layey . er (0.1-	5.it 0.2 cm.	light gr	euy)			
Labo. Sampling								-			
Sampling No.		······································			· · · · · · · · · · · · · · · · · · ·				•		

Sheet No. 262

Location		Core recorder	Suemaga
Mouza	Rajnagar Bankabarsi	Date 13	1 July / 2001
Union	Panjia		
Thana	Keshabpur	Drilling No.	GeJK-1

Depth (m)	261,0	26/./	261.2	261.3	261.4	261,5	261.6	26/17	26118	261.9	262.0
Lithological Structure Sketch				1							
Lithological Symbol									<u> </u>		1 1 1 1 1
Color					5645.	1 7 azir					
Sail Description		with the	L Vf.sl	Coyer (o.	layey Icm. lig	Salt he gray) .				1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Labo. Sampling						······································		٠			
Sampling No.								78			

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Sheet No.

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Thana	Keshabpur	Drilling No.	GeJK-1		
Union	Panjia				
Mouza	Rajnagar Bankabarsi	Date 13	1 July 1 2001		
Location		Core recorder	Suenega		

Depth (m)	262.0	262,1	262.2	262.3	262.4	262.5	262:6	262.7	262.8	262.9	263,
	1		1	<u></u>		1		1		<u> </u>	<u> </u>
Lithological Structure Sketch	1										
Lithological Symbol			• .		•			•	*		; ; ; ;
Color					5GY oline	5/1					
Soil Description	. 26	with 1,2,04-07	her YF 5 peaty (black	layer (Clayey	. Silt light g	ray)		•		
Labo. Sampling	2	62.00	•	262	.40						
Sampling No.		GeJK	-1-85(11:75mg/	kg)						

(JICA Study Team)

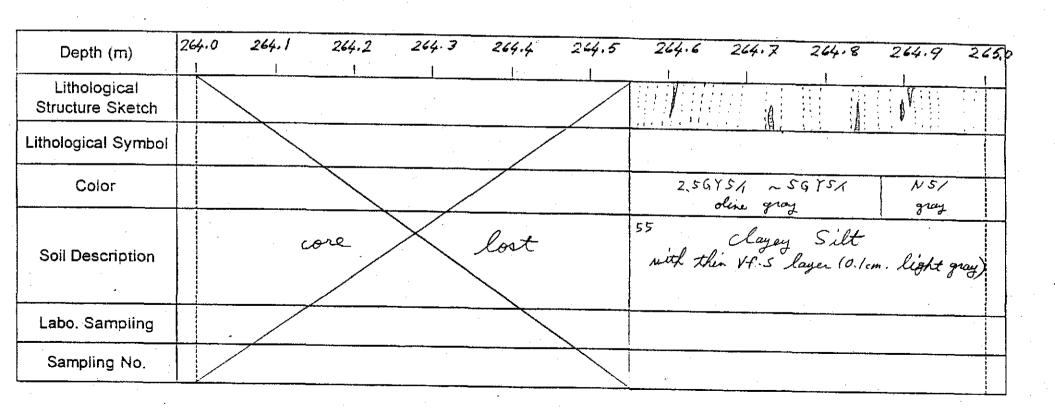
Sheet No. 264

Thana	Keshabpu	r			Drilli	ng No.	GeJ	<u>K-1</u>		
Union	Panjia					, >		0		
Mouza	Rajnagar	Bankabarsi			Date	. /3	/ Jw 5,	ly /	2001	
Location					Core	recorder	S,	uenaga		
Depth (m)	263.0 263.1	263.2	263.3	263.4	263-5	263,6	263.7	263.8	263.9	264,8
Lithological Structure Sketch										
Lithological Symbol										1 1 1 1
Color				2.567 <i>5)</i> Oli	1 ~ S (575/1				
Soil Description	noit	h this VF.	5 laye	Clayey n (0.1-	- Silt 0.2 cm .	light g	may)			
Labo, Sampling										1 1 1
Sampling No.										

(JICA Study Team)

Sheet No. 265

Thana	Keshabpur	Drilling No. GeJK-1
Union	Panjia	
Mouza	Rajnagar Bankabarsi	Date 13 / July / 2001
Location		Core recorder Suenaga



(JICA Study Team)

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Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date /3	1 July 1 2001
Location		Core recorder	Suenaga

Depth (m)	265.0	265.1	265.2	265 3	265.4	265,5	265.6	265.7	265.8	265.9	266.6
Lithological Structure Sketch			4				,				
Lithological Symbol	1										1
Color			2.5G) dork oli			7.5 G dark	green in p		2.567 4 1 Varh oling	ray	
Soil Description	u	cla with thin	say Silt VF·S Lay	~ Silt er (0.1~0	.zem , light g		60 Clay		yey Silt Vf.5 layer		the gray)
Labo, Sampling	1	•									
Sampling No.											

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Sheet No.

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Thana	Keshabpur	Drilling No. GeJK-1
Union	Panjia	Cest(-1
Mouza	Rajnagar Bankabarsi	Date 13 / July / 2001
Location		Core recorder Suenaga

Depth (m)	266.0	26		266.2	266.3	266.4	266.5	266.6	266. 7	266,8	266.9	269.
Lithological Structure Sketch								F		111		
Lithological Symbol									,			
Color	1	·				2.5GT dark oline	4/, gray					1
Soil Description		wit	L zhe	r VfnS la	yer (0.1	Clayey 'cm light	Silt gray)					
Labo. Sampling		·	· · · · · · · · · · · · · · · · · · ·								· · · · · · · · · · · · · · · · · · ·	
Sampling No.				•								

(JICA Study Team)

Sheet No. 268

THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 13	1 July / 2001
Location		Core recorder	Suenega

Depth (m)	267,0	267./	269.2	267.3	267.4	267.5	267,	6 267.7	262.8	267,9	268,0
Lithological Structure Sketch	i i i i				1						
Lithological Symbol											
Color		2.5G dark o	14/1 lin gray		7.56) donk gr	earish group			1.56 y 4%. dark olim gr	ry.	1 1 1 1 2
Soil Description	de	Clay with their VI (o-lem.)	ley Silt Slayor light gray,	34		Lay	60	Cla with this Vt	yey Silt Slayor (0.10	m light g	1ay)
Labo. Sampling					267.34	267	7.60				
Sampling No.					GeJ	K-1-86					:

(11:35 mg/kg)

(JICA Study Team)

Sheet No. 269

Thana	Keshabpur	Drilling No. GeJK-1	
Union	Panjia Panjia		
Mouza	Rajnagar Bankabarsi	Date 13 / July / 2001	
Location		Core recorder Suenaga	

Depth (m)	268	0	268	?•/ :		268	.2	2	68,3		268.4	•	268.5	26	86	268	; _P	268.8	268.9	269
Lithological Structure Sketch	# # ! !		;	:	;			 		:	† !		.			; ; ;	11		:	
Lithological Symbol						-								1		•				• • • •
Color						٠.				dar	2.5 G Y Loline	4/1 gray	·		<u> </u>					
Soil Description	1 4 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	. W	ith s	hi	V-/^	َ ک -`	lay	er ((0.1	(cm.	layey	gray	Silt -)		268.	51-6	o si	lty slay	(dark greenis,	(gray)
Labo. Sampling		268	00,)					26	58,4	40						· · · · · · · · · · · · · · · · · · ·		·	
Sampling No.			Ge	Jk	-1	- 5	37 (12.8	34 m	z/kg	7				·	·				

Sheet No. 270

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		·
Mouza	Rajnagar Bankabarsi	Date /3	1 July 12001
Location		Core recorder	Svenaga

Depth (m)	269	0	269.1	264,2	269,3	269.4	269,5	269,6	269.7	269.8	269,9	2700
Lithological Structure Sketch		:										
Lithological Symbol								(
Color					dan	2.56 Y 4/1 Laline gra	uj				2.5GY dank oli	m gray
Soil Description		4,0	ith the	' V-S L	Cayer (o.,	layey S, Icm, tight	ilt gray)			8	with the VF.S. (O.1cm. S	lt layer ight gray)
Labo. Sampling							***************************************				······································	
Sampling No.						¥				——————————————————————————————————————	T	

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Sheet No. 27/

Thana	Keshabpur	Drilling No. GeJK-1
Union	Panjia	
Mouza	Rajnagar Bankabarsi	Date 15 / July / 2001
Location		Core recorder Suanaga

				•				*	•		
Depth (m)	270.0	270.1	270.2	270,3	270.4	270.5	270.6	270,7	270.8	270.9	271,0
Deptii (iii)	1	1			1		1		<u> </u>	<u> </u>	1
Lithological Structure Sketch	2 (3)										
Lithological Symbol							·				
Color		5GYS/1					dar	2.5GY koline g	1ay		1
Soil Description	with (Os)	Selt ! then Vf S la 'cm . light gray'	zo gei	cone	lost	50 wit	k this v+	layey S 's layer	ilt (0.10 m le	ghe group)	
Labo. Sampling				<u> </u>						•	1
Sampling No.											

Sheet No. 272

Thana	Keshabpur	Drilling No. GeJK-1
Union	Panjia	
Mouza	Rajnagar Bankabarsi	Date 15 / July / 2001
Location		Core recorder Suenage

Depth (m)	271.0	27/./	271.2	271,3	271.4	27/.5	271.6	271.7	231.8	271.9	272.0
Lithological Structure Sketch								y i i] - - - - - -
Lithological Symbol											1
Color		SGYS/	2			2.SGY		771	***************************************		
Soil Description	sith	Layay Sil this Vf.s l cm. light g	20 ayer 201)	k	ith their	Sil VI-5 lay		m. light	gray)		
			<i>d</i>				27/.96 ~	272.00	hand		
Labo. Sampling							271,55			27/.95	
Sampling No.								GeJK	-1-88(1	3'13 mg/kg)	1

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Sheet No.

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Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 15	1 July 12001
Location		Core recorder	Suenaya.

Depth (m)	272.0	272.1	272.2	272,3	2724	272,5	272.6	2727	272,8	272.9	273.0
Lithological Structure Sketch											
Lithological Symbol		**						<u> </u>		<u> </u>	
Color		.5645/1 clin gray		······································	2.5674, dark	1 ~ SGY4	4/			\ \	1
Soil Description		silt "6	272,30~ 49~	with thin	Vf.5 lay	Clayey n (0.1cm. yish olin)	Selt gray)	•			
Labo. Sampling					,				•		
Sampling No.			r.					· ·	· • • • • • • • • • • • • • • • • • • •		

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Sheet No.

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Thana	Keshabpur	Drilling No. GeJK-1
Union	Panjia Panjia	
Mouza	Rajnagar Bankabarsi	Date 15 / July / 2001
Location		Core recorder Suenaga

Depth (m)	273.0	273	./ 27	3, <u>2</u>	233,3	273,4	273,5	273.6	273.7	273,8	273,9	275.0
Lithological Structure Sketch									1			
Lithological Symbol	•											
Color						1. 0 0	56+4/1		49.4			
Soil Description	27	13,50~	ss sity	with Lay (e	thin v- sline gruy	ayey S f·s Lay)	ene gray	0.3 cm, le	okt gray)			
Labo. Sampling									.*			
Sampling No.			4	·							<u></u>	

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Sheet No. 275

Thana	Keshabpur	Drilling No. GeJK-1
Union	Panjia	
Mouza	Rajnagar Bankabarsi	Date 15 / July / 2001
Location		Core recorder Suenaya

Depth (m)	2)	74,0	279	feet	2.	74,2	274,	3	2744		274,5	2	74.6	4	74.7	2	74,8	274	A	275,
Lithological Structure Sketch			; 1 ; f	: 6	, , , , , , , , , , , , , , , , , , ,		. D. d. op professor .	· · · · · · · · · · · · · · · · · · ·	•		:	14			7:1		<u>. j</u>			
Lithological Symbol		 							··· • · · ·										<u> </u>	
Color								dark	2.56 Y	4/1	<u>~</u> .	56 Y 9	1							
Soil Description						with	thi	14.	ayey S La	5 zer	Net (0.1-	0.2 cm	n. le	ikt	gray)		-		
Labo, Sampling		274	4,00	 -				274.4	40	·	· ·	·							. <u></u>	
Sampling No.			<u>(</u>	eJ	.K -	1-89	7(114	7mg/Kg)	,									<u>-</u>	

(JICA Study Team)

Sheet No. 276

Thana	Keshabpur	Drilling No. GeJK-1	
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 15 / July /	2001
Location		Core recorder Susnaga	

Depth (m)	25	7570	2751	7	275.2	29:	r.3	275.	4	275.5	2.	75.6	2.	75.7		275.8	3	275.9	2	F6.
Lithological Structure Sketch					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1													 		
Lithological Symbol		:													· · · · · · · · · · · · · · · · · · ·					1
Color										1 - 5 (gray	5 Y 5	/ .						***		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Soil Description			-1	with	ther Y	-L -Z	Lay	lazez jer (°		ilt m gra	} ->							-		
Labo. Sampling		1 1 1 1								· · · · · · · · · · · · · · · · · · ·								.,,.		1
Sampling No.						*****										•		CHARLE.		

(JICA Study Team)

Sheet No. 277

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date /5	July 1 2001
Location		Core recorder	Suenaga

Depth (m)	276,	Ó	276.1	276.2	274,3	2764	276.5	276.6	276,7	276,8	276.9	277.0
Lithological Structure Sketch												
Lithological Symbol											· <u></u>	
Color		·			2,56}	5/1 ~ Olive 91	5 G Y 5/1				· <u> </u>	
Soil Description		₹,	76.47.~5	with x	Cla their VI.s	iyey - S layer	Silt (0-1~0.3	ca . light	t gray)			
Labo. Sampling			-			<u> </u>			· · · · · · · · · · · · · · · · · · ·	-		
Sampling No.									<u> </u>		·	

(JICA Study Team)

Sheet No. 278

Thana	Keshabpur	Drilling No. GeJK-1
Union	Panjia	
Mouza	Rajnagar Bankabarsi	Date 15 / July / 2001
Location		Core recorder Sulnagu

Depth (m)	297,0	277.1	277.2	277,3	277.4	273.5	277.6	277.7	272.8	237.9	278.0
Lithological Structure Sketch											
Lithological Symbol											
Color				aline							
Soil Description		u	ith their V	f-5 lager	layey S (0.1cm,	ilt light gru	a,)	7 <i>5</i>	core	lost	
Labo. Sampling	2'	77.00		277	7.40						
Sampling No.		Gejk-	1-900	9.71 mg/k	3)						

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Sheet No. 239

Thana	Keshabpur	Drilling No. GeJK-1
Union	Panjia	
Mouza	Rajnagar Bankabarsi	Date 15 / July / 2001
Location		Core recorder Sueraya

Depth (m)	278.0	278.1	278,2	278-3	278.4	278.5	278.6	278.7	278.8	278.9	279,0
Lithological Structure Sketch										<u> </u>	
Lithological Symbol					N. N.		- <u>-</u>	***************************************			
Color	,			2.56	Y5/1 ~	5675/1					
Soil Description	2"	78.42~44	with to silty clay	li VI. (grajsl	layly 5 layer oline)	Silt (0.1~0.2	n. gray) -			
Labo, Sampling						.•				<u> </u>	
Sampling No.									····	·	

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Sheet No. 280

Location		Core recorder
Mouza	Rajnagar Bankabarsi	Date /S
Union	Panjia	
Thana	Keshabpur	Drilling No.

Drilling	No.	GeJK-1
Date	15 /	July 1 2001
Core re	corder	Sulnaga

Depth (m)	27	9,0	279.	/	279.2	279	3	279.4	279,5	279,6	279.7	279,8	279.9	2800
Lithological Structure Sketch			: :	/ : :			. 1				1			
Lithological Symbol												**************************************		
Color	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				5GY5/1 oliv gra	1	·· · · · · · · · · · · · · · · · · · ·				56Y 5/1	7/		1
Soil Description		Nυ	ák #	li.	Silt H.S lay	en lovici	n Ly	she gray)	1	this VF.S	Layay S Layar (o.,	Silt 1-0.3cm.) hx gruy)	light gray)	
Labo, Sampling									3				7.00	
Sampling No.		•		* ************************************				-						

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Sheet No.

281

Thana	Keshabpur	Drilling No. GeJK-1
Union	Panjia	
Mouza	Rajnagar Bankabarsi	Date 16 / July / 2001
Location		Core recorder Sulvaga

Depth (m)	280.0	280.1	2802	280,3	280.4	280,5	280.6	280,7	280.8	280.9	281.6
Lithological Structure Sketch	1	60 B			X						
Lithological Symbol		•							+ 		1
Color						1 ~ 2.50 Lin gray				· · ·	3 9 9
Soil Description		with the	rf.s L	ayer (0.1	Clayey	Silt light gr	ay)	-			
Labo. Sampling						ત			·····		
Sampling No.						· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		

(JICA Study Team)

Sheet No. 282

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date /5 /	July / 2001
Location		Core recorder	Sumaga

Depth (m)	28	1.0	28	<i>h1</i>	_		28	1,2		2	81,	3	-	2	81,	7		28	1,5			28	1,6		2	81,	ア	 2	81,8	3		28	31.9)	2820
		<u> </u>						<u> </u>	-,345-					 , -	. 1		<u> </u>		<u> </u>										1				<u> </u>		!
Lithological Structure Sketch			1	, ,					46		:						j 2	Ý	:							!)						1
Lithological Symbol		1 1 1 1 1 1																																	1
Coior		 													0	len	4,	zno						•							•				
Soil Description		} 4 3 1 1 1 1 1 1 1 1 1	w	its	(2	F.	,	ΥŦ	٦, ح	L	ay	br	C (1	La 0.1	yei -0.	ر ر 2 د .	5λ •» .	lt	ligh	lt	g	rai	<i>1)</i>												
Labo. Sampling		 														•																	•		1
Sampling No.																																			

Sheet No. 283

Thana	Keshabpur	Drilling No.	GeJK-1	
Union	Panjia			,,
Mouza	Rajnagar Bankabarsi	Date /6 /	1 July 1 2001	
Location		Core recorder	Suenaya	

Depth (m)	282.0	282.1	282,2	282,3 . 2	824	282.	5 2	82.6	282.7	282.8	282,9	285,
Lithological Structure Sketch					110000							
Lithological Symbol					- -	1	MA			`.		1
Color		50	oline gray	5675/1			56 T 4/1 ark oline gray			1 - 2.5 line gray		
Soil Description	1	with their Vi	layey Sil f.S. layer (0.1	t ~ Silt cm light gruy	-)		Silty 60 Clay 182,54.56 hard	-	Clayey	Silt		-
Labo. Sampling					4			28	2.60		28	3,00
Sampling No.									Go j	JK-1-9	7/(9.30 mg	/kg)

Sheet No. 284

Thana	Keshabpur	Drilling No. GeJK-1
Union	Panjia	
Mouza	Rajnagar Bankabarsi	Date 16 / July / 2001
Location		Core recorder Suenaga

Depth (m)	283,0	283.1	283,2 1	283,3	283.4	283,5	283,6	283,7	283,8	283,9	2840
Lithological Structure Sketch							1 1				
Lithological Symbol	1 1 2 2 4										
Color					GYS/1	~ 2,56,	, Y 5/1				
Soil Description		,		Cl.	wey Six	£ ~ .	Silt				
Labo. Sampling					4			,	7,+P 65		
Sampling No.										-1	

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Sheet No. 285

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date /6	July 1 2001
Location		Core recorder	Suenaga

Depth (m)	284,0	284.1	284,2	284,3	284,4	284.5	284.6	284,7	2848	284.9	285.
Lithological Structure Sketch					0						
Lithological Symbol					_			· 			
Color	1 1	GY 511 Sline gray	567 4/1 dork oline gray	5675/1 Oline	~ 2.5GY 5/ ₁						1 1 1 1
Soil Description	C	layey Silt	Silty 26 Clay	5 i 289,37-3 5-5 block			core	-	loc	x	
Labo. Sampling						/					
Sampling No.				-							

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Sheet No. 286

Thana	Keshabpur	Drilling No. GeJK-1
Union	Panjia -	
Mouza	Rajnagar Bankabarsi	Date 16 / July / 2001
Location		Core recorder Suenaga

Depth (m)	285.0	285,1	286,2	285.3	285.4	285.5	285,6	285.7	285.8	285.9	286.0
Lithological Structure Sketch			——————————————————————————————————————								
Lithological Symbol							<u> </u>	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	·	
Color								2.5675/ Olin	1 ~ 5673	5/1	
Soil Description			core	lo	st	50	with this			zem, light gra	(پ
Labo. Sampling											
Sampling No.											;

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Sheet No. 287

Thana	Keshabpur	Drilling No. GeJK-1
Union	Panjia	_
Mouza	Rajnagar Bankabarsi	Date 16 / July / 2001
Location		Core recorder Suenega

Depth (m)	2:	36.0	286.	1	286	2		286	.3		2864		286,5		286.6		286	7	28	48	28	6.9	2:	87.
Deput (III)														······································		·	1		~~~~~~~	<u> </u>				1
Lithological Structure Sketch		10				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1	1	1	1			1			; ;		¥ 			,			
Lithological Symbol																								1
Color											2.5		/ ~ . gr		5-/									
Soil Description		4			with	th.	lén	Y+.	s L	ayı	Clay. er (o	ey . 1- 6	Si.	lt , li	ght g	ray)							
Labo. Sampling																								
Sampling No.											-									-				

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Sheet No.

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Thana	Keshabpur	Drilling No. GeJK-1	
Union	Panjia		·-
Mouza	Rajnagar Bankabarsi	Date 16 / July	12001
Location		Core recorder Sumaga	

Depth (m)	287.0	287.1	287.2	287.3	1	287.5	١	287.7	287.8	287.9	2880
Lithological Structure Sketch			ŶÐ								;
Lithological Symbol					<u>-</u>						1
Color	2	.SGY51 - Oline 8					2.5 G Y 5,		-		1 1 1 2 3 1 1
Soil Description		Clayey 5	ift 25		C	layey Sa	'Lt ~ 5	silt			
Labo. Sampling									· · · · · · · · · · · · · · · · · · ·		1
Sampling No.											

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Sheet No. 289

Thana	Keshabpur	•	Drilling No.	GeJK-1	
Union	Panjia				
Mouza	Rajnagar Bankabarsi		Date /6	1 July	1 2001
Location			Core recorder	Suena	

Depth (m)	24	80	Z	58.1		288	2	28	28,3	2	88,4	28	8.5	28	8.6	~	288.7	Ž	88,8	.2	88.9	299
Lithological Structure Sketch			7			1		: :					}			1		; ;	:		0 1	0 1
Lithological Symbol		,								\		/			***************************************	- i	·	<u>-i</u>	<u> </u>		; Y	
Color				2.5 olin			·					·					SGY S		 -			
Soil Description		C	laz	ey Si	ik i	-3ز	lt.	30	C	ore	Lo	et	50	uitf #	his	2	ilt		/~0.3.	m . L	iht gra	ا (پ
Labo. Sampling										7			28	8.50)			<u> </u>		,	289	00
Sampling No.									/	*		/			Ge	JK	<u> </u>	92	/10'2	27 mg		

Sheet No. 290

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		. -
Mouza	Rajnagar Bankabarsi	Date /6	1 July 1 2001
Location		Core recorder	Surruga

Depth (m)	289,0	289,1	289.2	289,3	289,4	289,5	289,6	289,3	289,8	289,9	290.0
Lithological Structure Sketch						1			}		
Lithological Symbol											
Color	1		2,567 Olin					56 t dank	4/1 gray	<u> </u>	
Soil Description		with the 289,50-5	S YF-S La Hand	ilt yer (0.1	-0.2cm. Jegh	54 (t gray)		. da			
Labo. Sampling							2	89.60		290	00,00
Sampling No.								Ge	JK-1-9	3 (23:37 mg]/kg)

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Sheet No. 291

Thana	Keshabpur	Drilling No.	GeJK-1	-
Union	Panjia		-	
Mouza	Rajnagar Bankabarsi	Date /7	1 July 1 2001	
Location		Core recorder	Suemaya	

Depth (m)	29	0.0	290	.,		24	70.2	?	29	0.3		29	0.4		29	10.5		29	0.6	2	90,	7	24	70,	8		290	1.9	á	291.0
Lithological Structure Sketch							1	V			The state of the s		:			:			111				:	1	Secretary.	1 1 1 1		4	3.4.2.3	
Lithological Symbol					,						-				,															
Color		1 1 1 1	<u></u>							5	GY lino	51	1 w										<u>. </u>	_			<u></u>			
Soil Description				N	ítl	Σĺ	ا ند	V-f.	۔ ک					ク ク. こ	C #*	. <i>L</i>	ight	9	ay)							,				
Labo. Sampling																				٠.										
Sampling No.						-									,															

(JICA Study Team)

Sheet No. 292

ſhana	Keshabpur	Drilling No. GeJK-1
Jnion	Panjia	
viouza	Rajnagar Bankabarsi	Date 17/ July / 2001
_ocation		Core recorder Swenega
Depth (m)	291.0 291.1 291.2 2	91,3 291,4 291,5 291.6 291.7 291.8 291.9 292.0
Lithological Structure Sketch		
Lithological Symbol		
Color		56Y5/, oline gray
Soil Description	with this Vf	Silt Slayer (0.1-0.2 cm. light.gray)
Labo. Sampling		29/.53 - 292.00
Sampling No.		GoJK-1-94

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Sheet No. 293

Thana	Keshabpur	Drilling No. GeJK-1
Union-	Panjia	
Mouza	Rajnagar Bankabarsi	Date 17/ July / 2001
Location		Core recorder Suenaga

Depth (m)	24	20	292,	/	292,2	2	923	292.4	29	2.5	292	3. <i>6</i>	292	7.7	291	2.8	29	12,9	29	93,0
Lithological Structure Sketch			6								• • • • • • • • • • • • • • • • • • •	1				; ;				
Lithological Symbol							y.							-						
Color								5G oli	Y 5 /1											1
Soil Description		29z.	with	thir s (le	VF-S	Laye	r (0	Silcm.	lt light g	nay)									-	
Labo. Sampling			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				-					-			- 			•	· · · · · · · · · · · · · · · · · · ·	
Sampling No.		 					·=· ·													+

(JICA Study Team)

Sheet No. 294

Thana	Keshabpur	Drilling No.	GeJK-1
Union	Panjia		·
Mouza	Rajnagar Bankabarsi	Date /7	1 July 1 2001
Location		Core recorder	Surrage

Depth (m)	293.0	293.1	293,2	293,3	243.4	293,5	293,6	293.7	293.8	293,9	294,0
Lithological Structure Sketch								40	4		
Lithological Symbol									777	<u> </u>	1 1 1 1
Color		olin			0	354 4/1 lark oline				5675/1 olens gray	
Soil Description	wi	S K then Vo Co.lem. 2	ilt F-S layer light gray)	32	293.45~48 hi		•		79	Clayey Sil	*
Labo. Sampling						293.	50	293.75			
Sampling No.						G	eJK-1-	95			
							/12:47 mg	/100			i

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Thana	Keshabpur	 Drilling No.	GeJK-1	·
Union	Panjia			
Mouza	Rajnagar Bankabarsi	Date /7	1 July /	2001
Location		Core recorder	Suraya	

Depth (m)	29	4.0	294,1	294.2	294.3	294,4	294,5	294.6	294.7	294.8	294,9.	295,0
Lithological Structure Sketch		::										
Lithological Symbol			(Ro. 4)			. /		η (
Color			r gray						SGT 5/1 Olin gra			
Soil Description		Si with loses.	lt. thin W.S.lajes light gray)	1	core	lost	52	with this V4		~	light gra y)	*)
Labo. Sampling			^	/				· · · · · · · · · · · · · · · · · · ·				
Sampling No.												

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Sheet No. 296

Location		Core recorder Sueraga
Mouza	Rajnagar Bankabarsi	Date 17 1 July 1 2001
Union	Panjia	
Thana	Keshabpur	Drilling No. GeJK-1

Depth (m)	295.0	295,1	295,2	295.3	295,4	245,5	295.6	295.7	295,8	295.9	2966
Lithological Structure Sketch	(sec. () () () () () () () () () (1	1			
Lithological Symbol					5.14						
Color	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		56 Y 57								
Soil Description	1	with this !	Silt of Slayer m. Slayer	(0.1cm . lig (0.1-0.2cm .	ikt gruy) gray)		core		lost	-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Labo. Sampling							/ ,				
Sampling No.											

Sheet No. 297

Thana	Keshabpur	•	Drilling No.	GeJK-1
Union	Panjia			,
Mouza	Rajnagar Bankabarsi		Date /7	1 July 1 2001
Location			Core recorder	5 venuga

Depth (m)	296.0	296.	1 29	6.2	296.	3	296.4	296.5	2	96,6	296	7	296	,8	296,	9	297,
Deptit (iii)		1_		_1	1		1		!			······································					1
Lithological Structure Sketch																1	
Lithological Symbol					•												
Color							SGY.										
Soil Description		w	ith the	- Y-J -S	Layer	(0.1	5 ili cn. ligh	t gray)			,		-			ч	
Labo. Sampling													*				
Sampling No.										4							

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Sheet No.

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Thana	Keshabpur	Drilling No.	GeJK-1	•
Union	Panjia			
Mouza	Rajnagar Bankabarsi	Date /7	1 July 1 2001	
Location		Core recorder	Suenaga	

Depth (m)	297.0	2 9 7,/	297.2	293,3	293.4	297,5	297,6	297.7	292.8	297.9	298.0
Lithological Structure Sketch											
Lithological Symbol	. 46	3	5 €				<u> </u>				
Color					5 G ole	ine group					
Sail Description		with the	n Vf.5 la	eyêr (0.1 _c	5 n m. lig m. gray	ilt ht gray)		-			
Labo. Sampling					· · · · · · · · · · · · · · · · · · ·		4				
Sampling No.							· · · · · · · · · · · · · · · · · · ·				

Sheet No. 299

Thana	Keshabpur	Drilling No.	GeJK-1	
Union	Panjia			-
Mouza	Rajnagar Bankabarsi	Date /7	1 July 1 2001	
Location		Core recorder	Suenaga	

Depth (m)	298	0	29	8.1	298,2	298.3	298,4	29815	298,6	298,7	298.8	298.9	299,0
Lithological Structure Sketch		*										V	
Lithological Symbol								•		•			
Color							5G oli	75/1					
Soil Description			with	L th	li vf	s layer	<u> </u>	Filt	ray)	· -			
Labo. Sampling													
Sampling No.													

Sheet No. 300

Thana	Keshabpur	Drilling No. GeJK-1	
Union	Panjia		
Mouza	Rajnagar Bankabarsi	Date 17 / July / 2001	
Location		Core recorder Suemaga	

Depth (m)	299,0	299.1	299,2	299,3	299.4	299,5	299.6	299,7	299,8	299,9,	3001
Lithological Structure Sketch						The state of the s					V [1]
Lithological Symbol			ئ. ئۇ	ž	•			÷			
Color						SYS/1					
Soil Description		with	their Vol.	s layer s layer	(0.1c) (0.1-0.	m. light 2 cm. gra	y) (t gray)	•			
Labo. Sampling							29	9.61		30	0,06
Sampling No.								605K	-1- 961	11.42 mg/k	(g)

Sheet No.

30/

THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS
FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

Thana	Keshabpur	-Jhenaidah		Drilling No.	-CeHJ-1	GeJK-/
Union	fanita.	Pourashava	·			,
Mouza		-Arappur Chandpara		Date /7	/ July	/ 200/
Location		Near Bagmara Bridge		Core recorder	Suenaga	
	Rajnuga	er Banka barsi				

300,5 200.0 300, Z 300 K 300.6 300.7 300.8 300,9 301,0 200.1 300,3 Depth (m) Lithological Structure Sketch Lithological Symbol 5GY5/1 Color oline gray with this Vf. 5 layer (0.1 cm . light gray) lost core Soil Description Labo. Sampling Sampling No.