

Core Sample Record

GeCC-1 (Chuadanga)

Core Sample Record (JICA Study Team)

Sheet No. 1

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 16 / Dec / 2000
Core recorder Suenaga

Depth (m)	0.0	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.0	
Lithological Structure Sketch												
Lithological Symbol												
Color	2.5' 4/4 olive brown				2.5' 4/3 olive brown							
Soil Description	clayey silty Hard				37	Silt						
Labo. Sampling			0.16	0.37								
Sampling No.			GeCC-1-1									

(9.74 mg/kg)

Core Sample Record (JICA Study Team)

Sheet No. 2

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 16/Dec/2000
Core recorder Sumiya

Depth (m)	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5Y 4/3 olive brown				2.5Y 4/3 olive brown						
Soil Description	Silt				Clayey Silt		Core lost				
Labo. Sampling					1.40		1.60				
Sampling No.					GeCC-1-2						

Sheet No. 3


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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 20/Dec / 2000

Core recorder Susana

Depth (m)	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5Y 4/3 olive brown										
Soil Description	Sandy Silt parallel laminae, with v.f.s lens										
Labo. Sampling				2.30			2.60			3.00	
Sampling No.				GeCC-1-3			1/22/10				

Core Sample Record (JICA Study Team)

Sheet No. 4

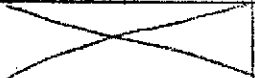
THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS
FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1

Date 20/ Dec / 2000

Core recorder Sunaga

Depth (m)	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5Y 4/3 olive brown	2.5Y 4/2 dark grayish yellow	2.5Y 4/1 ~ 7.5Y 4/1 yellowish gray ~ gray				2.5Y 4/2 dark grayish yellow		2.5Y 4/1 yellowish gray		
Soil Description	3.02 Sandy Silt	3.16 clayey Silt	3.54 clay 3.23m organic fluff part				3.85 clayey Silt		clay		
Labo. Sampling			3.16				3.54				
Sampling No.			GeCC-1-4 (7.38 mg/kg)								

Core Sample Record (JICA Study Team)

5

THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS

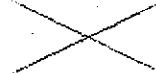

FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 20 / Dec / 2000

Core recorder Suenaga

Depth (m)	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	
Lithological Structure Sketch												
Lithological Symbol												
Color	5Y 4/1 gray										5Y 4/1 gray	
Soil Description	clay 4.35-4.45m Trace fossil φ 5mm ash 2.10m										4.85 Silt fine smallish laminae micaceous	5.00
Labo. Sampling		4.10	4.50									
Sampling No.	Gedd-1-5 (5Y 4/1)											

Core Sample Record (JICA Study Team)

Sheet No. 6

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 21/Dec/2000
Core recorder Suena

Depth (m)	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0
Lithological Structure Sketch											
Lithological Symbol											
Color	5Y 4/1 gray				5Y 4/1 gray			5Y 4/1 gray			
Soil Description	Clayey Silt fine parallel laminae 5.33				Clay 5.66			Silt fine parallel laminae			
Labo. Sampling	5.33				5.66						
Sampling No.					GeCC-1-6						

Core Sample Record (JICA Study Team)

Sheet No. 7

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 21 / Dec / 2000
Core recorder Svenaga

Depth (m)	6.0	6.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	7.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

2.54 4/3 ~ 5Y 4/1
olive brown 80%

Clayey Silt
viscosity high

Core Lost

6.0

6.50

GeCC-1-7 8.00mg/kg

FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

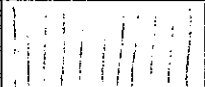
Sheet No. 8

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. *GeCC-1*

Date 21 / Dec / 2000

Core recorder *Suenaga*

Depth (m)	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0
Lithological Structure Sketch											
Lithological Symbol											
Color	7.5Y 4/1 gray	7.5Y 4/1 gray	7.5Y 4/1 gray		7.5Y 4/1 gray		2.5Y 5/2 dark grayish yellow				
Soil Description	7.15 Sandy Silt	7.28 Silt fine parallel laminae	7.42 clay		7.60 clayey Silt		7.70 Very fine Sand micro mica		core lost		
Labo. Sampling	7.00					7.60					
Sampling No.	GeCC-1-8 (57.4 mg/kg)										

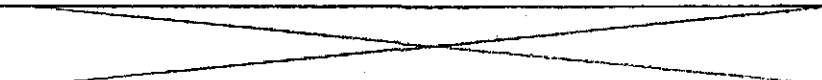
Core Sample Record (JICA Study Team)

Sheet No. 9

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 21 / Dec / 2000
Core recorder Sunaga

Depth (m)	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
Lithological Structure Sketch											
Lithological Symbol											
Color	SY 4/2 grayish olive					SY 4/1 gray					
Soil Description	Very fine Sand micro mica					8.50	fine Sand mica rich				
							8.86-8.92 f-m-s				
Labo. Sampling						8.50					
Sampling No.							GeCC-1-9 (21/12/00)				

Core Sample Record (JICA Study Team)

Sheet No. 10

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1

Date 21 / Dec / 2000

Core recorder Suenoga

Depth (m)	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0
Lithological Structure Sketch							core lost				
Lithological Symbol											
Color	7.5Y 3/1 olive black			5Y 4/2 grayish olive	7.5Y 4/2 grayish olive						
Soil Description	fine Sand Mica rich			9.28 Silt	9.36 fine Sand Mica rich						
Labo. Sampling	← 9.25										
Sampling No.	GeCC-1-9										

Core Sample Record (JICA Study Team)

Sheet No. 11

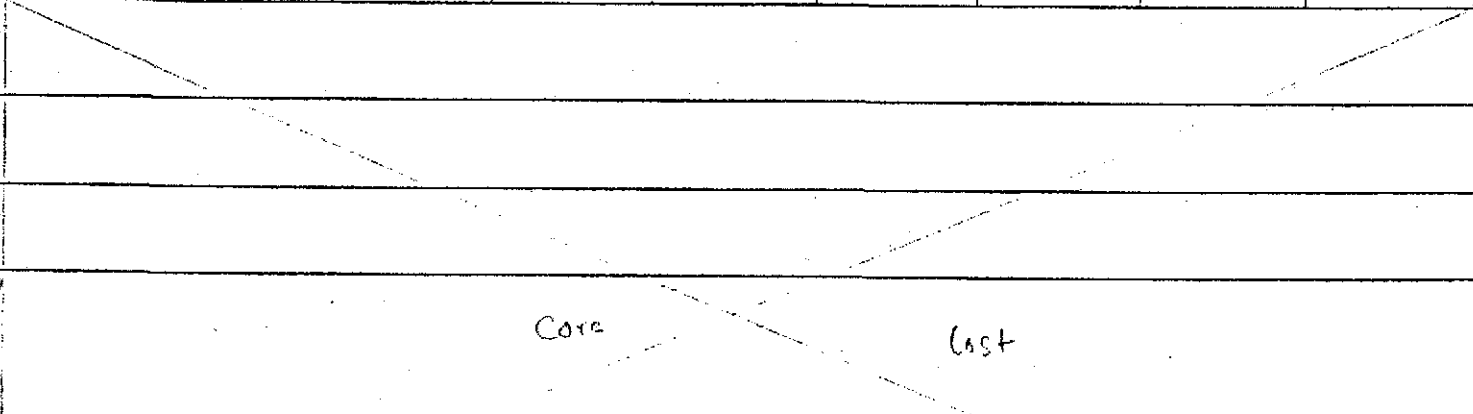
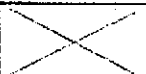
THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS
FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 21 / Dec / 2001

Core recorder Svenaga

Depth (m)	10.0	10.10	10.20	10.30	10.40	10.50	10.60	10.70	10.80	10.90	11.0	
Lithological Structure Sketch												
Lithological Symbol												
Color	7.5Y 4/2 grayish blue											
Soil Description	f-m.s mica rich											
Labo. Sampling												
Sampling No.												

Core Sample Record (JICA Study Team)

Sheet No. 12

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 21 / December / 2000

Core recorder Svenaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 13

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

Trana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 21 / Dec / 2000

Core recorder Suenaga

Depth (m)	12.0	12.10	12.20	12.30	12.40	12.50	12.60	12.70	12.80	12.90	13.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Sheet No. / 4

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 21 / Dec / 2000

Core recorder Svenaga

Depth (m)	13.0	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90	14.0
Lithological Structure Sketch											
Lithological Symbol											
Color	SY 5/3 grayish aline	SY 5/3 grayish aline	SY 5/3 grayish aline		SY 6/3 aline yellow		7.5Y 4/1 gray				
Soil Description	VF ~ F.S	VF. Sand	Fine Sand		F ~ m.s		F. Sand 13.52 ~ 54 m? 13.53 ~ 70 m?		Core lost		
Labo. Sampling	13.00							13.70			
Sampling No.											

GeCC-1-10 (10/10/10)

Core Sample Record (JICA Study Team)

Sheet No. / 5


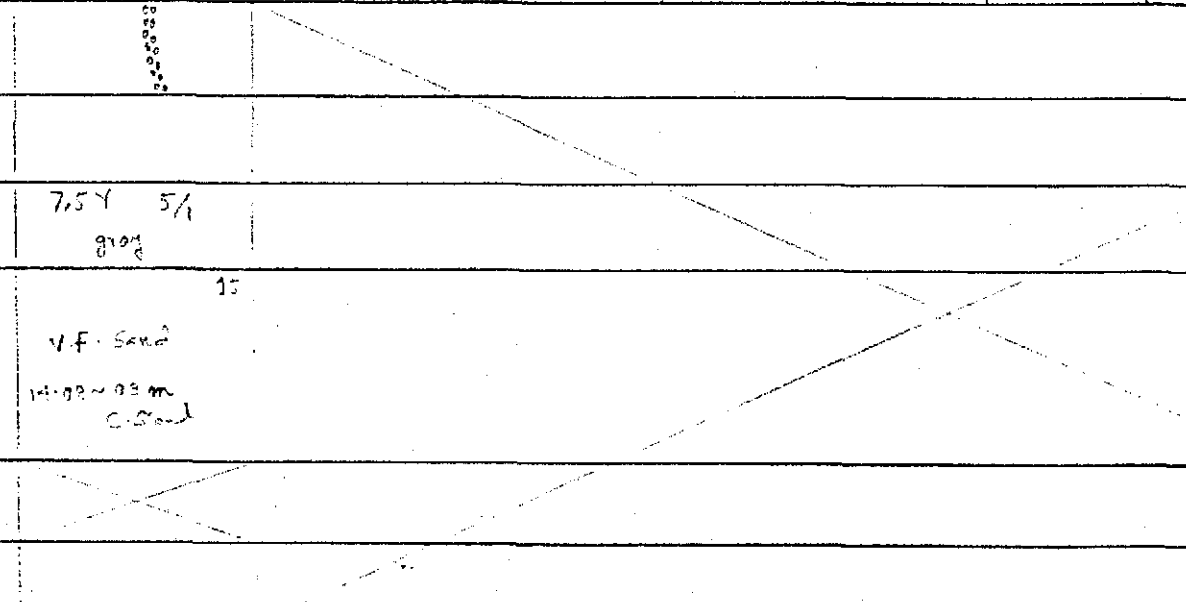
THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS
FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 21 / Dec / 2000

Core recorder Svenaga

Depth (m)	14.0	14.10	14.20	14.30	14.40	14.50	14.60	14.70	14.80	14.90	15.0
Lithological Structure Sketch											
Lithological Symbol											
Color	7.5Y 5/1 gray										
Soil Description	15 V.F. Sand 14.02 ~ 03 m C. Sand										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 16

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 21 / Dec / 2000
Core recorder Suenaga

Depth (m)	15.0	15.10	15.20	15.30	15.40	15.50	15.60	15.70	15.80	15.90	16.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

SY 5/2
grayish. olive

43

F.S

Core

lost

Core Sample Record (JICA Study Team)

Sheet No. 17

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 21 / Dec / 2000

Core recorder Suenaga

Depth (m)	16.0	16.10	16.20	16.30	16.40	16.50	16.60	16.70	16.80	16.90	17.0
Lithological Structure Sketch											
Lithological Symbol											
Color	5Y 5/2 grayish olive			5Y 6/2 grayish olive				7.5Y 4/1 gray			
Soil Description	28 fine sand			68 fine sand				78 V.F.S.		Core lost	
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 18

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 21 / Dec / 2000

Core recorder Suenaga

Depth (m)	7.0	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	8.0
Lithological Structure Sketch											
Lithological Symbol											
Color	5Y 5/3 grayish olive			5Y 5/1 gray		7.5Y 3/1 olive black					
Soil Description	F.S			28 33 VF.S		50 67 Core lost F ~ m.s mica rich 17.50 ~ 61m blackish 17.61 ~ 65m					
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 19

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 21 / Dec / 2000

Core recorder Svenaga

Depth (m)	18.0	18.10	18.20	18.30	18.40	18.50	18.60	18.70	18.80	18.90	19.0
Lithological Structure Sketch	<div style="position: relative; height: 100px;"> 77 Core lost </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 20

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

Thana	Chuadanga
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Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 21 / Dec / 2000

Core recorder Suenaga

Depth (m)	19.0	19.10	19.20	19.30	19.40	19.50	19.60	19.70	19.80	19.90	20.0
Lithological Structure Sketch											
Lithological Symbol											
Color	7.5Y 5/1 gray		7.5Y 4/1 gray		7.5Y 5/1 gray			7.5Y 3/2 aline black			
Soil Description	m ~ c sand mica rich		m sand mica rich		f sand mica rich			v.f. sand mica rich		Core	lost
Labo. Sampling	19.0				19.41						
Sampling No.	GeCC-1-11 (19.0-19.41)										

Sheet No. 21

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

Drilling No. GeCC-1

Date 23/ December 2011

Core recorder Suenaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 22

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 23/ December / 2011
Core recorder Syedur Rahman

Depth (m)	21.0	21.10	21.20	21.30	21.40	21.50	21.60	21.70	21.80	21.90	22.0
Lithological Structure Sketch											
Lithological Symbol											
Color		SY 5/2 grayish olive				SY 5/2 grayish olive					
Soil Description	0			30	Core lost	50	64	Vf ~ f.s mica rich with wooden fragment (10x5mm) 21.69~70 clay (clinkstone) 21.77~78 silt	79	Core lost	
Labo. Sampling	21.0			21.30		21.50			21.79		
Sampling No.		GeCC-1-12					GeCC-1-12				

Core Sample Record (JICA Study Team)

Sheet No. 23

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 23/December/2000

Core recorder Suenaga

Depth (m)	22.0	22.10	22.20	22.30	22.40	22.50	22.60	22.70	22.80	22.90	23.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 24

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 23 / December / 2000
Core recorder Suenaga

Depth (m)	23.0	23.10	23.20	23.30	23.40	23.50	23.60	23.70	23.80	23.90	24.0
Lithological Structure Sketch	<div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

5Y 5/2
grayish olive

0 35
VF ~ F-S
mica rich

Core lost

Core Sample Record (JICA Study Team)

Sheet No. 25

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 23/ December / 2000

Core recorder Suenaga

Depth (m)	24.0	24.10	24.20	24.30	24.40	24.50	24.60	24.70	24.80	24.90	25.0
Lithological Structure Sketch											
Lithological Symbol											
Color	<div style="display: flex; justify-content: space-between;"> 5Y 5/2 grayish olive 5Y 5/2 grayish olive </div>										
Soil Description	<div style="display: flex; justify-content: space-between;"> <div> 0 1F ~ F.S mica rich </div> <div> 20 Core lost </div> <div> 20 1F ~ F.S mica rich 24.70 wood fragment (2 x 4 mm) </div> <div> 80 Core lost </div> </div>										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 26

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 23/ December /2000

Core recorder Suenaga

Depth (m)	25.0	25.10	25.20	25.30	25.40	25.50	25.60	25.70	25.80	25.90	26.0
Lithological Structure Sketch											
Lithological Symbol											
Color	5Y 5/2 grayish olive		5Y 5/2 grayish olive								
Soil Description	15 silty f.s. mica rich		20 f.s. mica rich		Core lost						
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 27

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 23 / Dec / 2000
Core recorder Suenaga

Depth (m)	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	27.0
Lithological Structure Sketch			0.02								
Lithological Symbol											
Color		5Y 5/2 grayish olive									
Soil Description	26.00 f. 5 Mica rich	26.20									
	26.15-20 silty.										
	26.19-20 trace fossil										
Labo. Sampling											
Sampling No.											

core

lost

Core Sample Record (JICA Study Team)

Sheet No. 28

THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS

FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GECC-1

Date 23 / Dec / 2000

Core recorder Suenaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 29

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1

Date 23 / Dec / 2000

Core recorder Suenaga

Depth (m)	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	29.0	
Lithological Structure Sketch												
Lithological Symbol												
Color	5Y 5/1 gray				7.5Y 4/1 gray				5Y 5/1 gray			
Soil Description	28.00 f-m.s Mica rich 28.11~15 } Mica densely 28.26~27 }				28.35	28.75 m.s Mica rich 28.35~40 mica densely 28.35 1cm clay ball 28.60~70 Wood fragment (4x2mm)				29.00 f.s Mica rich		
Labo. Sampling									28.75		→	
Sampling No.									GeCC-1-13			

Core Sample Record (JICA Study Team)

Sheet No. 50

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 23/December/2000
Core recorder Cuernaga

Depth (m)	29.0	29.10	29.20	29.30	29.40	29.50	29.60	29.70	29.80	29.90	30
Lithological Structure Sketch											
Lithological Symbol											
Color			5Y 5/1 gray				5Y 5/1 gray				
Soil Description	0		F.S mica rich 29.23m wood fragment (2x3mm)		50		F ~ m.s mica rich	70	Core	lost	
Labo. Sampling	←			29.35							
Sampling No.			GeCC-1-13								

Core Sample Record (JICA Study Team)

Sheet No. 31

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 24 / December / 2000

Core recorder Suenaga

Depth (m)	30.0	30.10	30.20	30.30	30.40	30.50	30.60	30.70	30.80	30.90	31.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Sheet No. 32

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 24 / December / 2000

Core recorder Suenaga

[illegible]

Sheet No. 33

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 24 / December / 2000

Core recorder Suenaga

Depth (m)	32.0	32.10	32.20	32.30	32.40	32.50	32.60	32.70	32.80	32.90	33.0
Lithological Structure Sketch					<div style="position: relative; height: 100px;"> </div>						
Lithological Symbol											
Color	5Y 5/2 grayish olive				7.5Y 4/1 gray		5Y 6/2 grayish olive				
Soil Description	0	F.S. mica rich			33	32 vf.s mica rich	Core lost	50	F.S. mica rich 32.77 ~ 80 ϕ 3 cm clay ball (gray) 32.88 ~ 90 wf ~ F.S.		
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 34

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 24/December/2000
Core recorder Suenaga

Depth (m)	33.0	33.10	33.20	33.30	33.40	33.50	33.60	33.70	33.80	33.90	34.0
Lithological Structure Sketch									Core lost		
Lithological Symbol											
Color	5Y 5/2 grayish aline					7.5Y 5/1 gray	7.5Y 5/1 gray	7.5Y 6/1 gray			
Soil Description	f.s mica rich					50 55 v.f.s	60 f.s mica rich 33.60 ~ 63 clay (dark gray)	80 Silty v.f.s			
Labo. Sampling	33.00 33.50										
Sampling No.	GeCC-1-14										

Core Sample Record (JICA Study Team)

Sheet No. 35



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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 24 / Dec / 2000

Core recorder Suenaga

Depth (m)	34.0	34.10	34.20	34.30	34.40	34.50	34.60	34.70	34.80	34.90	35.0
Lithological Structure Sketch											
Lithological Symbol											
Color	SY 5/2 grayish olive			SY 5/2 grayish olive							
Soil Description	F.S. mica rich 34.08~13 silt black (2x2cm) light gray			33 Core lost 50			F.S. mica rich 34.55~60 clay block (2x6cm) light gray			85 Core lost	
Labo. Sampling											
Sampling No.											

THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS

Sheet No. 36

Drilling No. GeCC-1

Date 24 / December / 2000

Core recorder Suenaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 37

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 24 / December / 2000

Core recorder Suenaga

Depth (m)	36.0	36.10	36.20	36.30	36.40	36.50	36.60	36.70	36.80	36.90	37.0
Lithological Structure Sketch											
Lithological Symbol											
Color	<div style="display: flex; justify-content: space-between;"> 5Y 5/1 gray 5Y 5/1 gray </div>										
Soil Description	<div style="display: flex; justify-content: space-between;"> 0 Silty VF-S mica rich 35 Core lost 50 VF ~ F.S mica rich 80 Core lost </div>										
Labo. Sampling											
Sampling No.											

Sheet No. 38

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 24 / December / 2000

Core recorder Suenaga

Depth (m)	37.0	37.10	37.20	37.30	37.40	37.50	37.60	37.70	37.80	37.90	38.0
Lithological Structure Sketch	<div style="position: relative; height: 300px;"> <div style="position: absolute; top: 0; right: 0; width: 100px; height: 100px; transform: rotate(45deg); border: 2px solid black; pointer-events: none;"> <div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; transform: rotate(-45deg); border: 2px solid black;"></div> </div> </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.	<div style="display: flex; justify-content: space-between;"> 37.32 37.82 </div> <div style="text-align: center; font-size: 24px; font-weight: bold;">GeCC-1-15</div>										

Sheet No. 39

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 24 / December / 2000

Core recorder Suenaga

[illegible]

Sheet No. 40

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 24 / December / 2000

Core recorder *Suenaga*

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 41

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 24 / December / 2000

Core recorder Suenaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 42

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 24 / December / 2000

Core recorder Suenaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 43

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 24 / December / 2000

Core recorder Suenaga

Depth (m)	42.0	42.10	42.20	42.30	42.40	42.50	42.60	42.70	42.80	42.90	43.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10Y 4/1 gray 7.5Y 4/1 gray 7.5Y 4/1 gray 7.5Y 4/1 gray										
Soil Description	F.S. mica rich (42.50~05) 50 F.S. 58 62 Silty VF~F3 F ~ m.s mica rich 83 42.33 ~ 40 clay (yellow brown) 42.62 ~ 64 clay block (2~5 cm) yellow brown Core Lost										
Labo. Sampling	42.00 42.50										
Sampling No.	GeCC-1-16 (1.60 m)										

Sheet No. 44

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 24 / December / 2000

Core recorder Suenaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 45

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 24 / Dec / 2000

Core recorder Sunaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 46

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1

Date 24 / Dec / 2000

Core recorder Suenaga

Depth (m)	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10Y 5/2 olive gray					2.5GY 4/1 dark olive gray					
Soil Description	10 Silty m-c.s Mica rich				Mica rich	C.S					45.65-70 fine Pabbie (4-10 mm)
Labo. Sampling											
Sampling No.											

Ge CC - 1 - 17 (124/23)

Core Sample Record (JICA Study Team)

Sheet No. 47

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 24/ Dec/ 2000

Core recorder Suenoya

Depth (m)	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	47.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5GY 4/1 dark olive gray	2.5GY 4/1 dark olive gray	7.5Y 4/2 grayish olive				2.5GY 4/1 dark olive gray	5Y 6/2 grayish olive	7.5Y 4/2 grayish olive		
Soil Description	10 C.S. Micaceous	20 m - C.S. micaceous 46.13~14 fine Pebble (1cm) 46.15~20 fine Pebble (1.5-10)	60 C.S. micaceous 46.56~58 pebble (quartzite) 2x3cm hard				68 m.S. micaceous	72 C.S.	75 m.S.	47.00 C.S.	
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 48

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 24 / December / 2000

Core recorder Suenaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 49

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 24 / December / 2000

Core recorder Suenaga

[illegible]

THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS

Sheet No. . 50

Drilling No. GeCC-1

Date 24 / Dec / 2000

Core recorder *Suenaga*

Depth (m)	49.0	49.1	49.2	49.3	49.4	49.5	49.6	49.7	49.8	49.9	50.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 51

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 31/ December / 2000

Core recorder Suenaga

Depth (m)	50.0	50.10	50.20	50.30	50.40	50.50	50.60	50.70	50.80	50.90	51.0
Lithological Structure Sketch	<div style="position: relative; width: 100%; height: 100%; border: 1px solid black;"><div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 2px solid black; transform: rotate(45deg); transform-origin: center;"><div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 1px solid black; transform: rotate(-45deg); transform-origin: center;"></div></div></div>										
Lithological Symbol											
Color									7.5Y 4/1 gray		
Soil Description									7.5 m.s		
Labo. Sampling											
Sampling No.											

Sheet No. 52

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 31 / December / 2000

Core recorder Suenaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 53

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 31/ December/ 2000
Core recorder Suenaga

Depth (m)	52.0	52.10	52.20	52.30	52.40	52.50	52.60	52.70	52.80	52.90	53.0
Lithological Structure Sketch		0									
Lithological Symbol											
Color		7.5Y 4/1 gray					7.5Y 4/1 gray		5GY 4/1 dark olive gray		
Soil Description	0	m.s	35		50		m.s	77	85		
		52.13 ~ 14 Peflle (2.5x1 cm)			Core lost				Silty F ~ m.s		
		52.27 ~ 30 Silty F ~ m.s									
Labo. Sampling		52.05	52.25			52.55	52.75				
Sampling No.		GeCC-1-18				GeCC-1-18					

Core Sample Record (JICA Study Team)

Sheet No. 54

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 31 / December / 2001

Core recorder Suenaga

Depth (m)	53.0	53.10	53.20	53.30	53.40	53.50	53.60	53.70	53.80	53.90	54.0
Lithological Structure Sketch											
Lithological Symbol											
Color	7.5Y 4/1 gray			7.5Y 4/1 gray	7.5Y 4/1 gray			7.5Y 4/1 gray			
Soil Description	0	m.s		30	35	m.s			60	80	
Labo. Sampling											
Sampling No.											

Sheet No. 55

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 31 / Dec / 2000

Core recorder Suenaga

Depth (m)	54.0	54.1	54.2	54.3	54.4	54.5	54.6	54.7	54.8	54.9	55.0
Lithological Structure Sketch											
Lithological Symbol											
Color	7.5Y 4/1 gray	7.5Y 4/1 gray							5.5Y 4/1	5Y 5/2 grayish olive	5GY 4/1 dark olive gray
Soil Description	10 f.s fine v.s	f - m.s micar rich 54.15-30 mica densely						76 80 Silty f.s hard	90 C.S	f.s	
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 56

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 31/Dec/2000

Core recorder *Suenaga*[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 57

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GreCC-1

Date 31 / Dec / 2000

Core recorder Swenaga

Depth (m)	56.0	56.1	56.2	56.3	56.4	56.5	56.6	56.7	56.8	56.9	57.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5GY 4/1	7.5Y 5/1 gray			2.5GY 4/1 dark olive gray			7.5Y 5/1 gray		2.5GY 4/1 dark olive gray	
Soil Description	05 Silty f.s	f~m.s	30		Silty f~m.s	64		m.s	80	vf~f.s	
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 58

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 31/ Dec/ 2000
Core recorder Suenaga

Depth (m)	57.0	57.1	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling	57.00					57.50					
Sampling No.											

2.5 GT 5/1
slime gray

f.s
mica rich

57.70-72 reddish brown f.s laminae
57.90-95 mica densely

GeCC-1-19

Core Sample Record (JICA Study Team)

Sheet No. 59

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. Gecc-1

Date 31 / Dec / 2000

Core recorder *Suenaga*

Depth (m)	58.0	58.1	58.2	58.3	58.4	58.5	58.6	58.7	58.8	58.9	59.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5GY 5/1 olive gray			2.5GY 5/1 olive gray		2.5GY 4/1 dark olive gray		2.5GY 5/1 olive gray			
Soil Description	f.s 25			vf-f.s 40		silty vf-f.s 50		f.s 58.80~83 mica densely			
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 60

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 31 / Dec / 2000

Core recorder Suenaga

Depth (m)	59.0	59.1	59.2	59.3	59.4	59.5	59.6	59.7	59.8	59.9	60.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5GY 5/1 olive gray		2.5GY 4/1 dark olive gray		2.5GY 4/1 dark olive gray		2.5GY 5/1 olive gray		2.5GY 4/1 dark olive gray		
Soil Description	f.s. 22		Silty vf~f.s. 50 59.25m clay (0.5cm) brown		vf~f.s. 62		f~m.s. 85 mica rich		Silty vf~f.s.		
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 61

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 01 / January / 2001

Core recorder Suenaga

Depth (m)	60.0	60.10	60.20	60.30	60.40	60.50	60.60	60.70	60.80	60.90	61.0
Lithological Structure Sketch											
Lithological Symbol											
Color	5GY 4/1 dark olive gray		5Y 5/3 grayish olive	5GY 4/1 dark olive gray	2.5GY 4/1 dark olive gray	5GY 4/1 dark olive gray		5GY 4/1 dark olive gray			
Soil Description	12 F ~ m.s Parallal laminae		22 m ~ c.s	40 F.S mica rich	50 VF ~ F.S	70 Silty VF ~ F.S	90 VF ~ F.S mica rich		Core lost		
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 62

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 01 / January / 2001

Core recorder Suenaga

[illegible]

Sheet No. 63

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 01 / January / 2001

Core recorder Suenaga

Depth (m)	62.0	62.10	62.20	62.30	62.40	62.50	62.60	62.70	62.80	62.90	63.0
Lithological Structure Sketch				<div style="position: relative; height: 100px;"><div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; transform: rotate(45deg); border-left: 2px solid black; border-right: 2px solid black;"></div></div>							
Lithological Symbol											
Color	2.5GY 4/1 dark olive gray				2.5GY 4/1	2.5GY 4/1 dark olive gray			5Y 5/1 gray	2.5GY 4/1	
Soil Description	0	F ~ m.s mica rich			27	32	50	62	82	90	Core lost
				Silty vf-s		F ~ m.s 62.55m clayey brown		F.S	VF ~ FS		
Labo. Sampling											
Sampling No.											

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

Sheet No. 64

Drilling No. GeCC-1

Date 1 / Jan / 2001

Core recorder Suvaraja

Depth (m)	63.0	63.1	63.2	63.3	63.4	63.5	63.6	63.7	63.8	63.9	64.0
Lithological Structure Sketch											
Lithological Symbol											
Color	7.5Y 5/2 grayish olive		5Y 5/1 gray		7.5GY 4/1 dark gray	7.5Y 5/1 gray	5GY 6/1 olive gray	2.5GY 4/1 dark olive gray		2.5GY 4/1 dark olive gray	
Soil Description	m.s 20		f-m.s 45 63.23-25 silk block		50 Sandy Silt	61 f-m.s	66 Sandy Silt	70 f-m.s	80 vf-f.s		f-m.s micro sil
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 65

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 01/January/2001
Core recorder Suenaga

Depth (m)	64.0	64.10	64.20	64.30	64.40	64.50	64.60	64.70	64.80	65.90	66.0
Lithological Structure Sketch	O										
Lithological Symbol											
Color	2.5GY 4/1 dark olive gray					5Y 5/3 grayish olive			2.5GY 4/1 dark olive gray		
Soil Description	F ~ m.s 64.02 ~ 04 m pebble (2x0.5 cm)					50 m.s			70 F ~ m.s		
Labo. Sampling	64.05					64.50					
Sampling No.	GeCC-1-20					72002/02					

Core lost

Core Sample Record (JICA Study Team)

Sheet No. 66

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 01/ January / 2001

Core recorder Suenaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 67

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 01 / January / 2001

Core recorder Suenaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 68

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 01 / January / 2001
Core recorder Suenaga

Depth (m)	67.0	67.10	67.20	67.30	67.40	67.50	67.60	67.70	67.80	67.90	68.0
Lithological Structure Sketch		⊙									
Lithological Symbol											
Color			2.5GY 4/1 dark olive gray		2.5GY 4/1		2.5GY 4/1 dark olive gray		7.5Y 5/2 grayish olive		
Soil Description	0 07 Silty v.f.s		VF ~ F.S 67.07 ~ 50 Silt block (11cm)	37	45 Silty v.f.s	50 Core lost		70 F.S		M.S.	
Labo. Sampling								67.70			68.0
Sampling No.										GeCC-1-21	67.70~78.2

Core Sample Record (JICA Study Team)

Sheet No. 69

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 01 / January / 2001

Core recorder Suenaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 70

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 01 / January / 2001

Core recorder Suenaga

[illegible]

Sheet No. 71

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. *GECC-1*

Date *3 / Jan / 2001*

Core recorder *Suenaga*

[illegible]

THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS

Sheet No. 72

Drilling No. GeCC-1

Date 3 / Jan / 2001

Core recorder Susana

Depth (m)	71.0	71.1	71.2	71.3	71.4	71.5	71.6	71.7	71.8	71.9	72.0
Lithological Structure Sketch											
Lithological Symbol											
Color	5Y5/2 grayish olive			2.5GY4/1 dark olive gray	10Y4/1 gray						
Soil Description	f ~ m. s 71.15 ~ 25 silt block (top 5-20cm)			25 sandy silt	vf ~ f. s mica rich 71.48 ~ 46 silt block (soft, 2cm, brown) 71.60 silt lenses						
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 73

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 3/5m/2001
Core recorder Sumiya

Depth (m)	72.0	72.1	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73.0
Lithological Structure Sketch					0						
Lithological Symbol											
Color					10Y 4/1 gray						
Soil Description	72.00				Vf - f.s mica rich 72.40~41 cilt block (soft, 1cm) brown						73.00
Labo. Sampling	72.00										73.00
Sampling No.					GeCC-1-22						

Sheet No. 74

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 3 / Jan / 2001

Core recorder *Susaga*

Depth (m)	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10Y 4/1 gray					2.5GY 4/1 dark olive gray		10Y 4/1 gray			
Soil Description	VF ~ f.s mica rich 45					Silt 5B		f.s mica rich, trace fossil 73.63 silt (2mm)			
Labo. Sampling											
Sampling No.											

Sheet No. 75

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. Gre. CC - 1

Date 3 / Jan / 2001

Core recorder *Sumanja*

Depth (m)	74.0	74.1	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9	75.0
Lithological Structure Sketch						<div style="position: relative; width: 100%; height: 100%;"> </div>					
Lithological Symbol											
Color	10Y 4/1 gray										
Soil Description	f.s micaceous, trace fossil										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 76

THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS

FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 04 / Jan / 2001

Core recorder *Suenaga*

Depth (m)	75.0	75.1	75.2	75.3	75.4	75.5	75.6	75.7	75.8	75.9	76.0
Lithological Structure Sketch									<div><div></div><div>core</div><div>lost</div></div>		
Lithological Symbol											
Color	7.5Y 4/2 grayish olive										
Soil Description	m.s75										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 77

THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS

FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. *GeCC-1*

Date 04 / Jan / 2001

Core recorder *Suenaga*

Depth (m)	76.0	76.1	76.2	76.3	76.4	76.5	76.6	76.7	76.8	76.9	77.0	
Lithological Structure Sketch				<div></div>	○							
Lithological Symbol												
Color	7.5Y 4/2 grayish olive				5GY 8/1 dark olive green	7.5Y 4/2 grayish olive						
Soil Description	m.s				25 30 Vf s -silt	core lost		50 m.s 76.55-56 fine. Pebbles (41mm) quartzite				
Labo. Sampling												
Sampling No.												

Core Sample Record (JICA Study Team)

Sheet No. 78

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 04/Jan/2001
Core recorder Suenaga

Depth (m)	77.0	77.1	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0
Lithological Structure Sketch				<div></div>							
Lithological Symbol											
Color	7.5Y 4/2 grayish olive				7.5Y 4/2 grayish olive						
Soil Description	f.s micr rich				f ~ m.s micr rich						
Labo. Sampling											
Sampling No.											

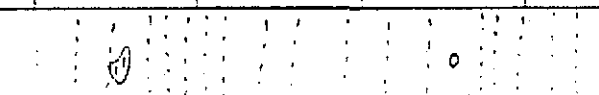
Core Sample Record (JICA Study Team)

Sheet No. 79

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 04/Jan/2001
Core recorder Suenaga

Depth (m)	78.0	78.1	78.2	78.3	78.4	78.5	78.6	78.7	78.8	78.9	79.0		
Lithological Structure Sketch					<div>core lost</div>								
Lithological Symbol													
Color	7.5T 4/2 grayish olive						5T 6/2 grayish olive						
Soil Description	f-m.s micr rich 17.05-01 silt block (2x3cm)				35			50	m.s				
Labo. Sampling							78.50					→	
Sampling No.							GeCC-1-23					78.50m	

Sheet No. 80

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

Drilling No. GeCC-1

Date 04/Jan/2001

Core recorder Suenaga

Depth (m)	79.0	79.1	79.2	79.3	79.4	79.5	79.6	79.7	79.8	79.9	80.0
Lithological Structure Sketch											
Lithological Symbol											
Color	SY 6/2 grayish olive						SY 6/1 gray				
Soil Description	m.s						f.s			f-m.s	
Labo. Sampling	← 79.20										
Sampling No.	GeCC-1-23										

Core Sample Record (JICA Study Team)

Sheet No. 8/

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No.

Gecc-1

Date _____

04/Jan/2001

Core recorder

Susana Zola

[illegible]

Sheet No. 82

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 04 / Jan / 2001

Core recorder *Suenaga*

Depth (m)	81.0	81.1	81.2	81.3	81.4	81.5	81.6	81.7	81.8	81.9	82.0	
Lithological Structure Sketch					<div></div>				<div></div>		<div></div>	
Lithological Symbol												
Color	5Y 5/1 gray				5Y 5/1 gray		5Y 5/1 gray		5Y 5/1 gray			
Soil Description	f-m.s				40	core lost	50	f-m.s	72	82	f.s	core lost
Labo. Sampling					<div></div>						<div></div>	
Sampling No.												

Core Sample Record (JICA Study Team)

Sheet No. 83

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 04/Jan/2001
Core recorder Sunnaya

Depth (m)	82.0	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9	83.0
Lithological Structure Sketch											
Lithological Symbol											
Color			SY 5/1 gray						SY 5/1 gray		
Soil Description			f-m-s		40	core lost	50		f-m-s		
			82.30~33 silty f-s block (2x3cm)								
Labo. Sampling	82.00				82.40			82.50	82.70		
Sampling No.					GeCC-1-24			GeCC-1-24			

Core Sample Record (JICA Study Team)

Sheet No. 84

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. *Gecc-1*

Date 04/Jan/2001

Core recorder *Suenaga*

Depth (m)	83.0	83.1	83.2	83.3	83.4	83.5	83.6	83.7	83.8	83.9	84.0
Lithological Structure Sketch											
Lithological Symbol											
Color	gray SYS/1	gray SYS/1				gray SYS/1		gray SYS/1			
Soil Description	m.s. 83.07~08 pebbles (SS, 1.5x2cm)	C.S. 83.15~17 pebbles (quartzite, 3x2cm)				m.s. 83.50~52 pebbles (orthogneiss, 4x4cm)	65	70 f.s.			
Labo. Sampling											
Sampling No.											

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

Sheet No. 85.

Core recorder *Suenaza*

Depth (m)	84.0	84.1	84.2	84.3	84.4	84.5	84.6	84.7	84.8	84.9	85
Lithological Structure Sketch											
Lithological Symbol											
Color	5Y 5/1 gray		5Y 5/1 gray								
Soil Description	m-c.s 15		m.s 36								
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 86

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 04/Jan/2001
Core recorder Suenaga

Depth (m)	85.0	85.1	85.2	85.3	85.4	85.5	85.6	85.7	85.8	85.9	86.0
Lithological Structure Sketch											
Lithological Symbol											
Color		5Y 5/1 gray						5Y 5/1 gray			
Soil Description		m.s.	28	core	lost	50		m.s.			
Labo. Sampling									85.80	→	
Sampling No.										GeCC-1-25	

255 mg/l

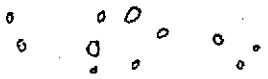
Core Sample Record (JICA Study Team)

Sheet No. 87

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 04/Jan/2001
Core recorder Suenaga

Depth (m)	86.0	86.1	86.2	86.3	86.4	86.5	86.6	86.7	86.8	86.9	87.0
Lithological Structure Sketch											
Lithological Symbol											
Color	5Y 5/1 gray						7.5Y 6/1 gray		7.5Y 6/1 gray		
Soil Description	m.s 50						m-c.s 70 with fine pebbles (max 1cm)		m.s		
Labo. Sampling	← 86.50										
Sampling No.	GeCC - 1 - 25										

Core Sample Record (JICA Study Team)

Sheet No. 88

THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS

FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. *GeCC-1*

Date 04/Jan/2001

Core recorder *Suenaga*

Depth (m)	87.0	87.1	87.2	87.3	87.4	87.5	87.6	87.7	87.8	87.9	88.0
Lithological Structure Sketch										<div style="position: relative; height: 100px;">core lost</div>	
Lithological Symbol											
Color	5Y 5/1 gray					2.5Y 6/1 gray		7.5Y 6/1 gray			
Soil Description	m.s					50 silty vf.s 87.50-88 pebble (#2cm)		80 vf.s			
Labo. Sampling											
Sampling No.											

Sheet No. 89

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 04/Jan/2001

Core recorder *S. n. n. g. a.*

Depth (m)	88.0	88.1	88.2	88.3	88.4	88.5	88.6	88.7	88.8	88.9	89.0
Lithological Structure Sketch	<div style="position: relative; height: 400px;"> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 2px solid black; transform: rotate(45deg); transform-origin: center;"></div> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 2px solid black; transform: rotate(-45deg); transform-origin: center;"></div> <div style="position: absolute; top: 50%; left: 30%; transform: translate(-50%, -50%); font-size: 2em;">core</div> <div style="position: absolute; top: 50%; left: 70%; transform: translate(-50%, -50%); font-size: 2em;">lost</div> </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 90

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GreCC-1

Date 04 / Jan / 2001

Core recorder Suenaga

Depth (m)	89.0	89.1	89.2	89.3	89.4	89.5	89.6	89.7	89.8	89.9	90.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10Y 4/1 gray										
Soil Description	mica rich. f ~ m.s. trace fossil										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 91

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 04/Jan/2001
Core recorder Suenaga

Depth (m)	90.0	90.1	90.2	90.3	90.4	90.5	90.6	90.7	90.8	90.9	91.0
Lithological Structure Sketch							0				0
Lithological Symbol											
Color	10Y4/1 gray	7.5Y4/1 gray						7.5Y4/1 gray			
Soil Description	12 f~m.s mica rich	20 H~f.s	core lost				50 f~m.s 90.62-63 pebble (15-2cm)				
Labo. Sampling						90.50					→
Sampling No.							GeCC - 1 - 26 (0.57 mg/l)				

Core Sample Record (JICA Study Team)

Sheet No. 92

THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS

FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. Grecc-1

Date 04 / Jan / 2001

Core recorder Suenaga

Depth (m)	91.0	91.1	91.2	91.3	91.4	91.5	91.6	91.7	91.8	91.9	92.0
Lithological Structure Sketch				<div style="transform: rotate(-45deg); font-size: 2em;">X</div> core lost						<div style="transform: rotate(-45deg); font-size: 2em;">X</div> core lost	
Lithological Symbol											
Color	7.5Y 4/1 gray						7.5Y 4/1 gray				
Soil Description	f.m.s 30 91.14~15 fine silt (1~1.5cm) 91.23~25 pebble (2x2cm)						50 f.m.s 70				
Labo. Sampling	← 9/20										
Sampling No.	GeCC-1-26										

Core Sample Record (JICA Study Team)

Sheet No. 93

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 04 / Jan / 2001
Core recorder Suenaga

Depth (m)	92.0	92.1	92.2	92.3	92.4	92.5	92.6	92.7	92.8	92.9	93.0
Lithological Structure Sketch	core lost										
Lithological Symbol											
Color							7.5 Y 4 / 1 gray				
Soil Description							60 f.m.s	70 core lost			
Labo. Sampling											
Sampling No.											

FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

Sheet No. 94

Core recorder *Suenaga*

Depth (m)	93.0	93.1	93.2	93.3	93.4	93.5	93.6	93.7	93.8	93.9	94.0	
Lithological Structure Sketch	<div><div></div><div></div><div>corelost</div></div>											
Lithological Symbol												
Color											7.5Y4/1 gray	5GY5/1 olive gray
Soil Description											80 f-m s	9S vf-fs
Labo. Sampling												
Sampling No.												

Core Sample Record (JICA Study Team)

Sheet No. 95

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GreCC-1

Date 04 / Jan / 2001

Core recorder Suenaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 96

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. Grecc-1

Date 04 / Jan / 2001

Core recorder *Suenaga*

Depth (m)	95.0	95.1	95.2	95.3	95.4	95.5	95.6	95.7	95.8	95.9	96.0
Lithological Structure Sketch	<div style="text-align: center; font-size: 2em;">X</div> <i>core lost</i>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 97

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 04/Jan/2001
Core recorder Suenaga

Depth (m)	96.0	96.1	96.2	96.3	96.4	96.5	96.6	96.7	96.8	96.9	97.0						
Lithological Structure Sketch																	
Lithological Symbol																	
Color						5Y 5/1 gray											
Soil Description						core lost					50 f ~ m . s 96.65 ~ 70 fine pebbles (max. 5 mm)	70	core lost				
Labo. Sampling																	
Sampling No.																	

Core Sample Record (JICA Study Team)

Sheet No. 98

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

Thana Chuadanga
Union Pourashava
Mouza Hat Kaluganj
Location Girl School (Urban-2)

Drilling No. GeCC-1
Date 04 / Jan / 2001
Core recorder Suenaga

Depth (m)	97.0	97.1	97.2	97.3	97.4	97.5	97.6	97.7	97.8	97.9	98.0
Lithological Structure Sketch	core lost					0 0 0	core lost				
Lithological Symbol											
Color						51 5/1 gray					
Soil Description						50 58 f.m.s Pebble (max 2.5 cm)					
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 99

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

Thana	Chuadanga
Union	Pourashava
Mouza	Hat Kaluganj
Location	Girl School (Urban-2)

Drilling No. GeCC-1

Date 04/Jan/2001

Core recorder *Suenaga*

Depth (m)	98.0	98.1	98.2	98.3	98.4	98.5	98.6	98.7	98.8	98.9	99.0
Lithological Structure Sketch	<div style="position: relative; height: 400px;"> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 2px solid black; transform: rotate(45deg); transform-origin: center;"></div> <div style="position: absolute; top: 50%; left: 40%; transform: translate(-50%, -50%); font-size: 2em;">core</div> <div style="position: absolute; top: 50%; left: 60%; transform: translate(-50%, -50%); font-size: 2em;">lost</div> </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											