

Core Sample Record (JICA Study Team)

Sheet No. 100

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 / Jun / 2001

Core recorder Suenaga

[illegible]

Sheet No. 101

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

Drilling No. GeCC-1

Date 06 / Jan. / 2001

Core recorder *Suenaga*

Depth (m)	100.0	100.1	100.2	100.3	100.4	100.5	100.6	100.7	100.8	100.9	101.0
Lithological Structure Sketch					<div style="text-align: center; font-size: 2em; font-weight: bold;">X</div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <span>core</span> <span>lost</span> </div>						
Lithological Symbol											
Color	5Y 5/1 gray										
Soil Description	coarse pebbles matrix f ~ m.s quartzite > 55 diam 8 cm, av. 1 cm										
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

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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 06/Jan/2001  
Core recorder Suenaga

Depth (m)	101.0	101.1	101.2	101.3	101.4	101.5	101.6	101.7	101.8	101.9	102.0			
Lithological Structure Sketch									<div>core lost</div>					
Lithological Symbol														
Color	7.5Y 5/1 gray					7.5Y 5/1 gray								
Soil Description	Silty m-c.s. with pebbles matrix silty f-m.s. quartzite max 5cm, av. 0.5cm					50 Silty m-c.s. with pebbles matrix silty f-m.s. quartzite max 1cm.								
Labo. Sampling														
Sampling No.														

# Core Sample Record (JICA Study Team)

Sheet No. 103

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 06/ Jan / 2001  
Core recorder Suenaga

Depth (m)	102.0	102.1	102.2	102.3	102.4	102.5	102.6	102.7	102.8	102.9	103.0
Lithological Structure Sketch											
Lithological Symbol											
Color						7.5Y 3/1 olive black	7.5Y 5/1 gray	5GY 5/1 olive gray			
Soil Description						50 peaty silt	63 m-c-s peaty silt block	72 silty f-m-s			
Labo. Sampling						102.50	102.63				
Sampling No.						GeCC-1-27					

Core Sample Record (JICA Study Team)

Sheet No. 104

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 06 / Jan. / 2001

Core recorder Suenaga

Depth (m)	103.0	103.1	103.2	103.3	103.4	103.5	103.6	103.7	103.8	103.9	104.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description	<i>core lost</i>										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 105

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 06 / Jan / 2001

Core recorder Suenaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 106

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 06/ Jan / 2001

Core recorder Suenaga

Depth (m)	105.0	105.1	105.2	105.3	105.4	105.5	105.6	105.7	105.8	105.9	106.0		
Lithological Structure Sketch	<div><div></div><div></div></div>												
Lithological Symbol													
Color									5Y 5/1 gray				
Soil Description							core		lost		60 C.S ~ Pabbile matrix f ~ m.s quartzite φ max 3 cm. av. 5 mm	80 core	lost
Labo. Sampling													
Sampling No.													

Core Sample Record (JICA Study Team)

Sheet No. 107

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)

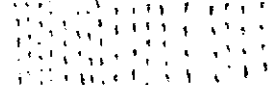
Drilling No. GeCC-1

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Date 06 / Jan / 2001

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Core recorder Suenaga

Depth (m)	106.0	106.1	106.2	106.3	106.4	106.5	106.6	106.7	106.8	106.9	107.0
Lithological Structure Sketch	<div><div></div><div>core</div><div>lost</div></div>										
Lithological Symbol											
Color											
Soil Description										80 f - m.s mica rich	
Labo. Sampling											
Sampling No.											



# Core Sample Record (JICA Study Team)

Sheet No. 108

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 06 / Jan / 2001  
Core recorder Suenaga

Depth (m)	107.0	107.1	107.2	107.3	107.4	107.5	107.6	107.7	107.8	107.9	108.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5Y 4/1 gray									7.5Y 4/1 gray	
Soil Description	107.15 ~ 17 trace fossil f.s mica rich									80	vt ~ f.s mica rich
Labo. Sampling				107.20				107.70			
Sampling No.				GeCC-1-28				27 Jan 10			

Core Sample Record (JICA Study Team)

Sheet No. 109

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

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Date 06 / Jan / 2001

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Core recorder Suwarya

[illegible]

# Core Sample Record (JICA Study Team)

Sheet No. 110

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 06/Jan/2001  
Core recorder Suenaga

Depth (m)	109.0	109.1	109.2	109.3	109.4	109.5	109.6	109.7	109.8	109.9	110.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

2.5 Y 4/1  
gray

mica rich f.s trace fossil

Core Sample Record (JICA Study Team)

Sheet No. / /

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 07 / Jan / 2001

Core recorder Suenaga

[illegible]

# Core Sample Record (JICA Study Team)

Sheet No. 1/2

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 07 / Jan / 2001  
Core recorder Suenaga

Depth (m)	111.0	111.1	111.2	111.3	111.4	111.5	111.6	111.7	111.8	111.9	112.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

10Y4/1  
gray

f.s

111.16~19 mica densely

111.54~58 mica densely

111.74~77 mica densely

111.00

111.70

GeCC-1-29 (111.00~111.70)

# Core Sample Record (JICA Study Team)

Sheet No. 113

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 07 / Jan / 2001  
Core recorder Suenaga

Depth (m)	112.0	112.1	112.2	112.3	112.4	112.5	112.6	112.7	112.8	112.9	113.0
Lithological Structure Sketch											
Lithological Symbol											
Color						10Y4/1 gray					
Soil Description						f.s					
Labo. Sampling											
Sampling No.											

112.90 shell fragment (white)  
112.90 ~ 113.00 mica densely

# Core Sample Record (JICA Study Team)

Sheet No. 114

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 07 / Jan / 2001  
Core recorder Suenaga

Depth (m)	113.0	113.1	113.2	113.3	113.4	113.5	113.6	113.7	113.8	113.9	114.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 115

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 07 / Jan / 2001

Core recorder Suenaga

Depth (m)	114.0	114.1	114.2	114.3	114.4	114.5	114.6	114.7	114.8	114.9	115.0
Lithological Structure Sketch										0	0
Lithological Symbol											
Color	10Y4/1 gray									10Y4/1	
Soil Description	f.s 114.20 ~ 25 mica densely									85	m.s with fine pebbles
Labo. Sampling											
Sampling No.											



Core Sample Record (JICA Study Team)

Sheet No. 116

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

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Date 07 / Jan / 2001

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Core recorder Suenaga

Depth (m)	115.0	115.1	115.2	115.3	115.4	115.5	115.6	115.7	115.8	115.9	116.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10Y 4/1										
Soil Description	f-m; 15										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 117

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

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Date 07 / Jan / 2001

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Core recorder Suenaga

Depth (m)	116.0	116.1	116.2	116.3	116.4	116.5	116.6	116.7	116.8	116.9	117.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10Y 4/1 10Y 4/1 grey										
Soil Description	10 m.s. with pebbles (max 4cm) quartzite 116.11-12 pebbles (3cm) quartzite 116.44-46 pebbles (2.5cm) quartzite F = m.s.										
Laboratory Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 118

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 07/Jan/2001

Core recorder Suenaga

[illegible]

# Core Sample Record (JICA Study Team)

Sheet No. 119

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 07/Jan/2001

Core recorder Suenaga

Depth (m)	118.0	118.1	118.2	118.3	118.4	118.5	118.6	118.7	118.8	118.9	119.0
Lithological Structure Sketch											
Lithological Symbol											
Color					10Y 4/1 gray						
Soil Description					f.s						
Labo. Sampling	118.00							118.80			
Sampling No.					GeCC-1-30	118.00/13					

Core Sample Record (JICA Study Team)

Sheet No. 120

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 07 / Jan / 2001

Core recorder Suenaga

Depth (m)	119.0	119.1	119.2	119.3	119.4	119.5	119.6	119.7	119.8	119.9	120.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10Y 4/1 gray			2.5GY 4/1 dark olive gray		10Y 4/1 gray					
Soil Description	f.s 35			Sandy Silt 50 shell fragment hard (2cm)		f.s 119.56-58 pebbles (2cm) quartzite 119.80-82 micr. lensally 119.88-90 pebbles (2cm) quartzite					
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 121

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 07/Jan/2001  
Core recorder Suenaga

Depth (m)	120.0	120.1	120.2	120.3	120.4	120.5	120.6	120.7	120.8	120.9	121.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

0 0

0

0 0 0

4.5GY 4/1  
dark greenish gray

7.5Y 5/2  
grayish olive

7.5GY 4/1  
dark greenish gray

2.5GY 4/1  
dark olive gray

f-s 44  
120.24~27 coarse pebbles  
quartzite 4cm

f-m-s 62

73  
Silty f-m-s

Silty f-m-s  
with lapilli (max 2.5cm)

120.00

120.44

GeCC-1-3/(7.55mg/kg)

Core Sample Record (JICA Study Team)

Sheet No. 122

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 07 / Jan / 2001

Core recorder Suenega

Depth (m)	121.0	121.1	121.2	121.3	121.4	121.5	121.6	121.7	121.8	121.9	122.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description	<i>Core lost</i>										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 123

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

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Date 07 / Jan / 2001

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Core recorder Suonaga

Depth (m)	122.0	122.1	122.2	122.3	122.4	122.5	122.6	122.7	122.8	122.9	123.0
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);"></div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em;">                     core lost                 </div> </div>							
Lithological Symbol											
Color	2.5GY 4/1 dark olive gray										
Soil Description	pebble 25 matrix f-m-s quartzite diam 4cm, am. 1cm										
Labo. Sampling											
Sampling No.											



Core Sample Record (JICA Study Team)

Sheet No. 124

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 07/Jan/2001

Core recorder *Suenaga*

Depth (m)	123.0	123.1	123.2	123.3	123.4	123.5	123.6	123.7	123.8	123.9	124.0
Lithological Structure Sketch	<div></div>										
Lithological Symbol											
Color											
Soil Description									73 pebbles quartzite max 5cm, av. 1cm		
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 125

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 07 / Jan / 2001  
Core recorder Suenaga

Depth (m)	124.0	124.1	124.2	124.3	124.4	124.5	124.6	124.7	124.8	124.9	125.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

2.5GY 4/1  
dark olive gray

Silty m-c.s  
with pebble (granite max 2cm)

50

core

lost

Core Sample Record (JICA Study Team)

Sheet No. 126

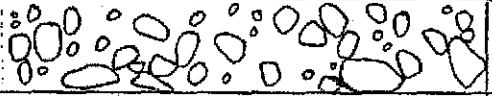
THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS  
FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

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

Drilling No. GeCC-1

Date 07 / Jan / 2001

Core recorder Suenaga

Depth (m)	125.0	125.1	125.2	125.3	125.4	125.5	125.6	125.7	125.8	125.9	126.0
Lithological Structure Sketch				<div style="font-size: 4em; transform: rotate(45deg); display: inline-block;">X</div> core lost							
Lithological Symbol											
Color	7.5Y 5/1										
Soil Description	pebble 30 matrix f-m.s quartzite max 4cm, av. 1cm										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 127

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 07/Jan/2001

Core recorder Suenaga

Depth (m)	126.0	126.1	126.2	126.3	126.4	126.5	126.6	126.7	126.8	126.9	127.0
Lithological Structure Sketch	<div></div>										
Lithological Symbol											
Color										2.5Y 5/1	
Soil Description										core lost	
Labo. Sampling											
Sampling No.											

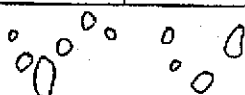
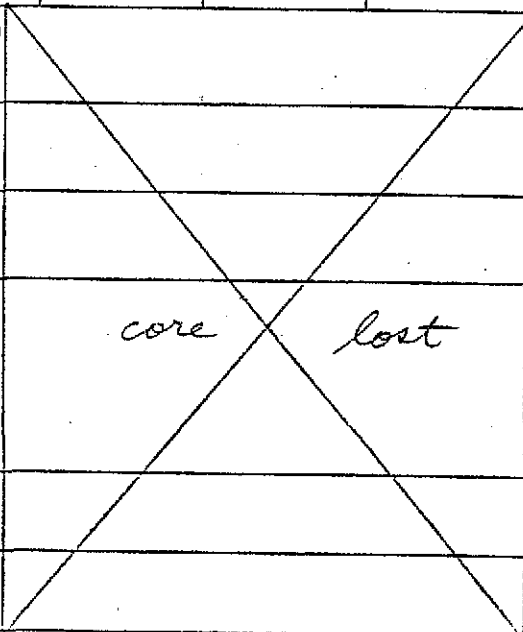

# Core Sample Record (JICA Study Team)

Sheet No. 128

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 07 / Jan / 2001  
Core recorder Suenaga

Depth (m)	127.0	127.1	127.2	127.3	127.4	127.5	127.6	127.7	127.8	127.9	128.0
Lithological Structure Sketch											
Lithological Symbol											
Color		7.5Y 5/1					7.5Y 5/1 ~ 10Y 4/1			7.5Y 5/1	
Soil Description		m.s 18 with fine pebbles quartzite max 1cm, an. 5mm	core	lost	50	m.s 90 127.77-81 coarse pebbles quartzite 5cm			Silty f-m.s		
Labo. Sampling											
Sampling No.											

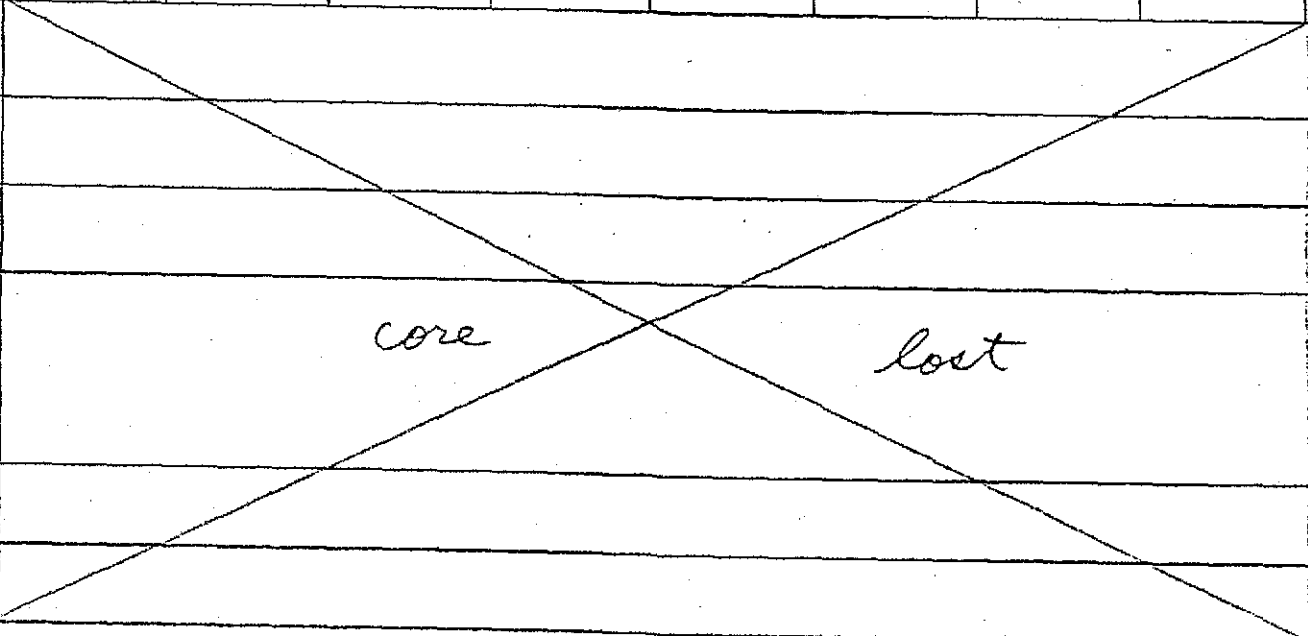
# Core Sample Record (JICA Study Team)

Sheet No. 129

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 07 / Jan / 2001  
Core recorder Suenaga

Depth (m)	128.0	128.1	128.2	128.3	128.4	128.5	128.6	128.7	128.8	128.9	129.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

f-m.s 20  
with fine pebble  
quartzite #A  
max 2cm, av. 5mm

core

lost






# Core Sample Record (JICA Study Team)

Sheet No. 130

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 07 / Jan / 2001  
Core recorder Suenaga

Depth (m)	129.0	129.1	129.2	129.3	129.4	129.5	129.6	129.7	129.8	129.9	130.0
Lithological Structure Sketch				<div>core lost</div>							
Lithological Symbol											
Color		9.5 Y 5/1						10 Y 4/1			
Soil Description		f ~ m.s 129.20-25 peaty silt block. dark purplish gray	25			50		m.s			
Labo. Sampling						129.50				130.00	
Sampling No.											GeCC-1-32 (203mg/kg)

# 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

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

Drilling No. GeCC-1  
Date 07/Jan/2001  
Core recorder Suenaga

Depth (m)	130.0	130.1	130.2	130.3	130.4	130.5	130.6	130.7	130.8	130.9	131.0
Lithological Structure Sketch											
Lithological Symbol											
Color									5Y5/1 gray	7.5Y4/1 gray	
Soil Description								70	m.s	92	silty vf-f.s
Labo. Sampling											
Sampling No.											



# Core Sample Record (JICA Study Team)

Sheet No. 132

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 07/ Jan/ 2001  
Core recorder Suena

Depth (m)	131.0	131.1	131.2	131.3	131.4	131.5	131.6	131.7	131.8	131.9	132.0
Lithological Structure Sketch							D.O				
Lithological Symbol											
Color				10Y 4/1 gray							
Soil Description				m.s			65		core	lost	
							131.60~65 pebbles quartzite 2cm				
Labo. Sampling	131.00						131.60				
Sampling No.							GeCC-1-33 (2.54 mg/kg)				

Core Sample Record (JICA Study Team)

Sheet No. 133

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 07/Jan/2001

Core recorder Suenaga

Depth (m)	132.0	132.1	132.2	132.3	132.4	132.5	132.6	132.7	132.8	132.9	133.0
Lithological Structure Sketch				<div style="font-size: 4em; transform: rotate(45deg); display: inline-block;">X</div> <div style="display: inline-block; vertical-align: middle; text-align: center;"> <p>core lost</p> </div>							
Lithological Symbol											
Color	gray	gray									
Soil Description	06 silty v-f.s	m.s 25 with f-c pebbles max 4 cm quartzite									
Labo. Sampling											
Sampling No.											


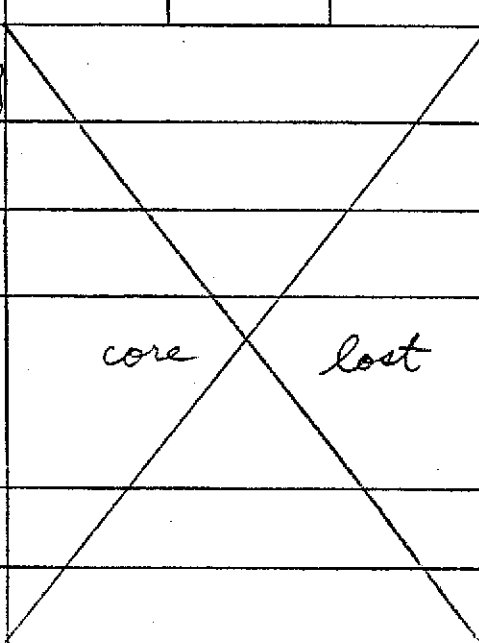
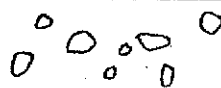
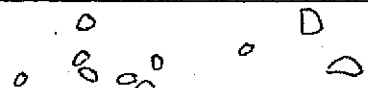
# Core Sample Record (JICA Study Team)

Sheet No. 134

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 07/Jan/2001  
Core recorder Suenaga

Depth (m)	133.0	133.1	133.2	133.3	133.4	133.5	133.6	133.7	133.8	133.9	134.0		
Lithological Structure Sketch													
Lithological Symbol													
Color	SY 5/1 gray							SY 4/1 gray		SY 5/1 gray			
Soil Description	m-c.s 20 with f-c. pebble quartzite max 4cm					core lost		50 silty f-m.s with pebble max 2cm. quartzite		70 f-m.s with pebble quartzite, max 2cm			
Labo. Sampling													
Sampling No.													

Sheet No. 135

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

Drilling No. GeCC-1

Date 07 / Jan / 2001

Core recorder Suenaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 136

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

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Date 08 / Jan / 2001

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Core recorder Suenaga

Depth (m)	135.0	135.1	135.2	135.3	135.4	135.5	135.6	135.7	135.8	135.9	136.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10 Y 4 / 1 gray										
Soil Description	Silty f.m.s. with pebble parallel laminae quartzite (max 2cm)  135.85~91 silt block (6cm) dark gray										
Labo. Sampling	135.00					135.50					
Sampling No.	GeCC-1-34 (1.93 mg/kg)										

Core Sample Record (JICA Study Team)

Sheet No. 137

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

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Date 08 / Jan / 2001

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Core recorder Suenaga

Depth (m)	136.0	136.1	136.2	136.3	136.4	136.5	136.6	136.7	136.8	136.9	137.0
Lithological Structure Sketch										O O O O	
Lithological Symbol											
Color											2.5Y 4/1 gray
Soil Description	<i>core lost</i>										78 Silty p-m.s with pebbles quartzite (max 2 cm)
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 138

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 08/Jan/2001

Core recorder Suenaga

Depth (m)	137.0	137.1	137.2	137.3	137.4	137.5	137.6	137.7	137.8	137.9	138.0
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-left: 2px solid black; border-right: 2px solid black; border-bottom: 2px solid black; transform: rotate(45deg);"></div> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border-left: 2px solid black; border-right: 2px solid black; border-bottom: 2px solid black; transform: rotate(-45deg);"></div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em; font-family: cursive;"> core lost </div> </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 139

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 08/Jan/2001  
Core recorder Suenaga

Depth (m)	138.0	138.1	138.2	138.3	138.4	138.5	138.6	138.7	138.8	138.9	139.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

0 0 0 0 0 0

2.5 Y 4/1  
gray

Silty f-m. S  
with pebbles  
quartzite (max 2.5cm)

50

core

lost



Core Sample Record (JICA Study Team)

Sheet No. 140

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 08/Jan/2001

Core recorder Saenaga

[illegible]



# Core Sample Record (JICA Study Team)

Sheet No. 141

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 08/Jan/2001  
Core recorder Suenaga

Depth (m)	140.0	140.1	140.2	140.3	140.4	140.5	140.6	140.7	140.8	140.9	141.0									
Lithological Structure Sketch			<div>core lost</div>		<div>core lost</div>				<div>core lost</div>		<div>core lost</div>									
Lithological Symbol																				
Color							5Y 5/2 grayish olive													
Soil Description	f-c. pebble matrix f-m. 5 quartzite 亞A max 4cm, av. 8mm						50 VC. 5 68 with pebble quartzite (max 3cm)													
Labo. Sampling																				
Sampling No.																				

Core Sample Record (JICA Study Team)

Sheet No. 142

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 08/Jan/2001

Core recorder Suenaga

Depth (m)	141.0	141.1	141.2	141.3	141.4	141.5	141.6	141.7	141.8	141.9	142.0
Lithological Structure Sketch											
Lithological Symbol											
Color	5Y 5/2 grayish olive						5Y 5/2 grayish olive				
Soil Description	m.s 141.00-02 wood fragment (1cm)				36 core lost		50 f-c. pebble matrix silty f-m.s quartzite #A and 4cm, 20, 5cm	65 core		lost	
Labo. Sampling	141.00				141.36						
Sampling No.					GCC-1-35 (2.99mg/kg)						

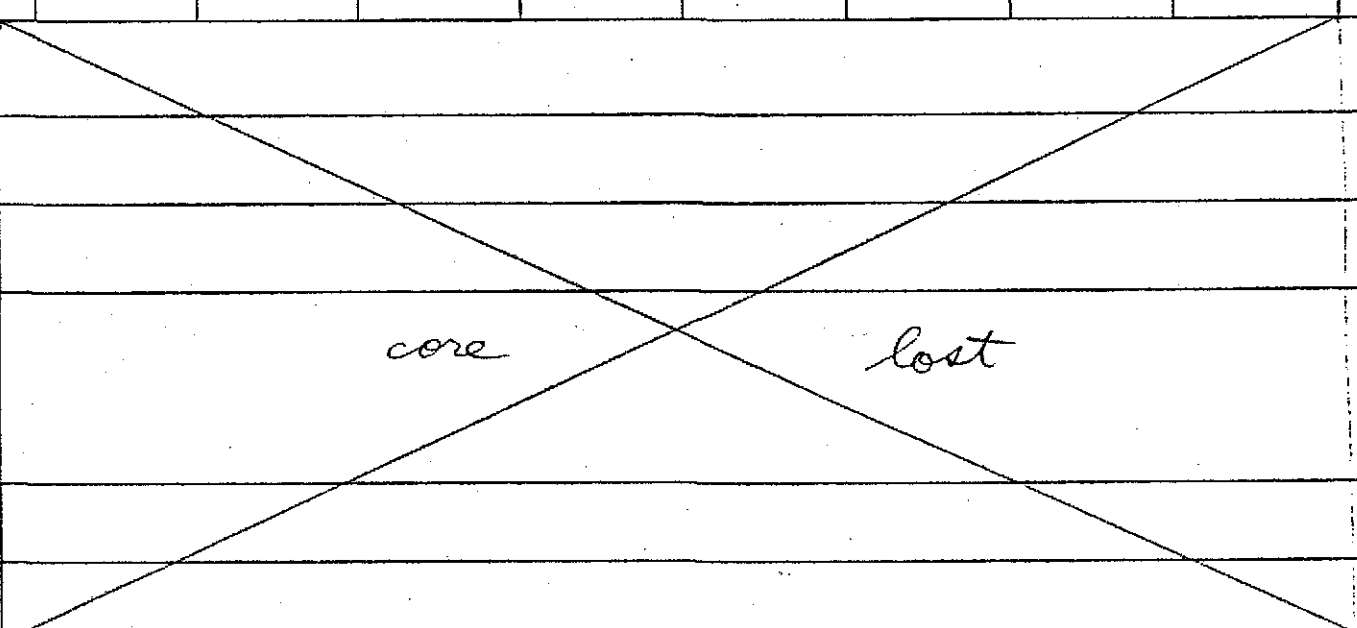
# Core Sample Record (JICA Study Team)

Sheet No. 143

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 08/Jan/2001  
Core recorder Suenaga

Depth (m)	142.0	142.1	142.2	142.3	142.4	142.5	142.6	142.7	142.8	142.9	143.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

10Y 4/1  
gray  
Silty f-m s 18  
with fine pebbles

core

lost

Core Sample Record (JICA Study Team)

Sheet No. 144

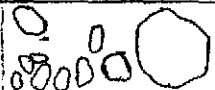
THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS  
FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

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

Drilling No. GeCC-1

Date 08 / Jan / 2001

Core recorder Suenaga

Depth (m)	143.0	143.1	143.2	143.3	143.4	143.5	143.6	143.7	143.8	143.9	144.0
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: 50%; transform: translate(-50%, -50%); font-size: 4em; font-family: cursive;">core lost</div></div>								
Lithological Symbol											
Color	10Y4/1 gray										
Soil Description	18 mnc.s with f-c. pebble quartzite (max 6cm)										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 145

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 08/Jan/2001

Core recorder Suenaga

Depth (m)	144.0	144.1	144.2	144.3	144.4	144.5	144.6	144.7	144.8	144.9	145.0
Lithological Structure Sketch			<div style="text-align: center; font-size: 2em; font-family: cursive;"> core lost </div>								
Lithological Symbol											
Color	10Y4/1 gray										
Soil Description	m. 5 15 with f-c. pebbles quartzite (max 4cm)										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 146

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 08/Jan/2001

Core recorder Suenaga

Depth (m)	145.0	145.1	145.2	145.3	145.4	145.5	145.6	145.7	145.8	145.9	146.0
Lithological Structure Sketch	<div style="text-align: center;"> <p>core lost</p> <p>(gravel layer)</p> </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 147

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 08/Jan/2001

Core recorder *Suenaga*

Depth (m)	146.0	146.1	146.2	146.3	146.4	146.5	146.6	146.7	146.8	146.9	147.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description	<i>core lost (gravel layer)</i>										
Labo. Sampling											
Sampling No.											



# Core Sample Record (JICA Study Team)

Sheet No. 148

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 08/ Jan / 2001  
Core recorder Suenaga

Depth (m)	147.0	147.1	147.2	147.3	147.4	147.5	147.6	147.7	147.8	147.9	148.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

core lost  
(gravel layer)

80 coarse pebble  
matrix f.m.s  
quartzite 2A  
max 5cm

Core Sample Record (JICA Study Team)

Sheet No. 149

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 08/Jan/2009

Core recorder *Suenaga*

Depth (m)	148.0	148.1	148.2	148.3	148.4	148.5	148.6	148.7	148.8	148.9	149.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description	<i>core lost (gravel layer)</i>										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 150

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 08/Jan/2001

Core recorder Suenaga

Depth (m)	149.0	149.1	149.2	149.3	149.4	149.5	149.6	149.7	149.8	149.9	150.0		
Lithological Structure Sketch	<div></div>									0			
Lithological Symbol													
Color													
Soil Description										core lost		80 m.s	95 silt ~VF.S
Labo. Sampling													
Sampling No.													

Core Sample Record (JICA Study Team)

Sheet No. 151

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 08/Jan/2001

Core recorder *Sulnaga*

Depth (m)	150.0	150.1	150.2	150.3	150.4	150.5	150.6	150.7	150.8	150.9	151.0
Lithological Structure Sketch	0										
Lithological Symbol											
Color		5Y 5/1									
		gray									
Soil Description		m.s	30								
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 152

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 08 / Jan / 2001

Core recorder Suenaga

Depth (m)	151.0	151.1	151.2	151.3	151.4	151.5	151.6	151.7	151.8	151.9	152.0
Lithological Structure Sketch	<div style="position: relative; width: 100%; height: 100%; border: 1px solid black;"> <div style="position: absolute; top: 0; left: 0; bottom: 0; right: 0; border-left: 2px solid black; border-right: 2px solid black; border-bottom: 2px solid black; transform: rotate(45deg);"></div> <div style="position: absolute; top: 0; left: 0; bottom: 0; right: 0; border-left: 2px solid black; border-right: 2px solid black; border-bottom: 2px solid black; transform: rotate(-45deg);"></div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-family: cursive; font-size: 2em;"> core lost </div> </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

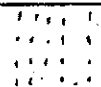
Sheet No. 153

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 08/Jan/2001  
Core recorder Suenaga

Depth (m)	152.0	152.1	152.2	152.3	152.4	152.5	152.6	152.7	152.8	152.9	153.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											



5Y 5/1  
gray

f-m.s

30

152.20~30 silty

core

lost

(gravel layer)

Core Sample Record (JICA Study Team)

Sheet No. 154

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

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Date 08/ Jan / 2001

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Core recorder Suenaga

Depth (m)	153.0	153.1	153.2	153.3	153.4	153.5	153.6	153.7	153.8	153.9	154.0		
Lithological Structure Sketch													
Lithological Symbol													
Color	5Y 5/1 gray	5Y 5/1 gray				5Y 5/1 gray							
Soil Description	f-m.s 10	vf-f.s 20				core lost			50	vf - f.s			
Labo. Sampling													
Sampling No.													

Core Sample Record (JICA Study Team)

Sheet No. 155

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 08/Jan/2001

Core recorder Suenaga

Depth (m)	154.0	154.1	154.2	154.3	154.4	154.5	154.6	154.7	154.8	154.9	155.0					
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>								0							
Lithological Symbol																
Color									5Y 5/1 gray				7.5Y 4/1 gray			
Soil Description					core lost				30 f-m.s 76				Silty f.s			
									154.70 Heavy mineral densely				154.88-90 pebbles (2.5cm)			
Labo. Sampling					154.30				154.65							
Sampling No.					GeCC-1-36 (1.97 mg/l)											



Core Sample Record (JICA Study Team)

Sheet No. 156

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 08/Jan/2001

Core recorder *Suenaga*

Depth (m)	155.0	155.1	155.2	155.3	155.4	155.5	155.6	155.7	155.8	155.9	156.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

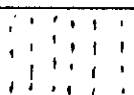
# Core Sample Record (JICA Study Team)

Sheet No. 157

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 08/Jan/2001  
Core recorder Suenaga

Depth (m)	156.0	156.1	156.2	156.3	156.4	156.5	156.6	156.7	156.8	156.9	157.0
Lithological Structure Sketch			0								
Lithological Symbol											
Color		7.5Y 5/1 grey	2.5GY 5/1								
Soil Description		f. 5 156.16-17 f. pebble (1cm)	17 20 silt								
Labo. Sampling											
Sampling No.											

core lost

Core Sample Record (JICA Study Team)

Sheet No. 158

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 . 08/Jan/2001

Core recorder      Suenaga

Depth (m)	157.0	157.1	157.2	157.3	157.4	157.5	157.6	157.7	157.8	157.9	158.0
Lithological Structure Sketch											
Lithological Symbol											
Color										7.5 YS/1 gray	
Soil Description										80 f-c. pebble matrix m-c.s quartzite max 4cm, 1.5cm	
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 159

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 08/Jan/2001

Core recorder Suenaga

Depth (m)	158.0	158.1	158.2	158.3	158.4	158.5	158.6	158.7	158.8	158.9	159.0
Lithological Structure Sketch	<div style="text-align: center;"> <p><i>core</i> <span style="margin-left: 100px;"><i>lost</i></span></p> <p><i>(gravel layer)</i></p> </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 160

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 08 / Jan / 2001

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Core recorder Suenaga

Depth (m)	159.0	159.1	159.2	159.3	159.4	159.5	159.6	159.7	159.8	159.9	160.0
Lithological Structure Sketch											
Lithological Symbol											
Color	5GTY ~ N 4/1 dark olive gray ~ gray										
Soil Description	10 Silty vf-f.S with f. pebbles	<div style="text-align: center;">core lost</div>									
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 161

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 08/Jan/2001  
Core recorder Suenaga

Depth (m)	160.0	160.1	160.2	160.3	160.4	160.5	160.6	160.7	160.8	160.9	161.0
Lithological Structure Sketch											
Lithological Symbol											
Color									2.5T 4/1 gray		
Soil Description								68	f-m.5		
Labo. Sampling											
Sampling No.											

## Core Sample Record (JICA Study Team)

Sheet No. 162

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 08 / Jan / 2001

Core recorder Suenaga

Depth (m)	161.0	161.1	161.2	161.3	161.4	161.5	161.6	161.7	161.8	161.9	162.0
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: 40%; transform: translate(-50%, -50%); font-family: cursive;">core</div> <div style="position: absolute; top: 50%; left: 60%; transform: translate(-50%, -50%); font-family: cursive;">lost</div> </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											



# Core Sample Record (JICA Study Team)

Sheet No. 163

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 08/ Jan / 2001  
Core recorder Suenaga

Depth (m)	162.0	162.1	162.2	162.3	162.4	162.5	162.6	162.7	162.8	162.9	163.0
Lithological Structure Sketch											
Lithological Symbol											
Color			5Y 5/2 grayish olive				5Y 5/2 grayish olive				
Soil Description	pebbles active f.m.s fine sand max 5mm		f.m.s 162.13~17 VF.S block (5cm. gray)	40	core lost	50	f.m.s	80	core lost		
Labo. Sampling		162.10		162.40		162.50		162.80			
Sampling No.			GeCC-1-37			(4.13mg/kg) GeCC-1-37					



Core Sample Record (JICA Study Team)

Sheet No. 164

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 08/Jan/2001

Core recorder Suenaga

Depth (m)	163.0	163.1	163.2	163.3	163.4	163.5	163.6	163.7	163.8	163.9	164.0
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-left: 2px solid black; border-right: 2px solid black; border-bottom: 2px solid black; transform: rotate(45deg);"></div> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border-left: 2px solid black; border-right: 2px solid black; border-bottom: 2px solid black; transform: rotate(-45deg);"></div> <div style="position: absolute; top: 50%; left: 40%; transform: translate(-50%, -50%);"><i>core</i></div> <div style="position: absolute; top: 50%; left: 60%; transform: translate(-50%, -50%);"><i>lost</i></div> </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 165

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 08/Jan/2001

---

Core recorder Suenaga

Depth (m)	164.0	164.1	164.2	164.3	164.4	164.5	164.6	164.7	164.8	164.9	165.0
Lithological Structure Sketch				<div style="text-align: center; font-size: 2em; font-family: cursive;">core lost</div>							
Lithological Symbol											
Color	2.5Y 4/1 gray	5GY 4/1 dark olive gray									
Soil Description	f-m.s 15	2/1 v.f.s									
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 166

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 08/Jan/2001  
Core recorder Suenaga

Depth (m)	165-0	165-10	165-20	165-30	165-40	165-50	165-60	165-70	165-80	165-90	166-0
Lithological Structure Sketch											
Lithological Symbol											
Color						2.5Y 4/1 gray					
Soil Description						48 f-m. 5 80 165.65 ~ 72 silt block (near 5cm)					CORE LOST
Labo. Sampling						165.48 165.70					
Sampling No.						GeCC-1-38					

(2.60 mg/kg)

Core Sample Record (JICA Study Team)

Sheet No. 157

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 08 / Jan / 2001

Core recorder Suenaga

Depth (m)	166-0	166-10	166-20	166-30	166-40	166-50	166-60	166-70	166-80	166-90	167
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description	CORE LOST										
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 163

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 08/Jan/2001  
Core recorder Suenaga

Depth (m)	167.0	167.10	167.20	167.30	167.40	167.50	167.60	167.70	167.80	167.90	168.0
Lithological Structure Sketch		(W)	o o o o o								
Lithological Symbol											
Color			2.5 Y 4/1 gray								
Soil Description			f. m. s. 30								
			167.07-9 v.f.s block (2cm)								
Labo. Sampling											
Sampling No.											

core lost

Core Sample Record (JICA Study Team)

Sheet No. 162

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 08/Jan/2001

---

Core recorder Suenaga

Depth (m)	168.0	168.10	168.20	168.30	168.40	168.50	168.60	168.70	168.80	168.90	169.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 170

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 08 / Jan / 2001

---

Core recorder Suenaga

Depth (m)	169.0	169.10	169.20	169.30	169.40	169.50	169.60	169.70	169.80	169.90	170.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 171

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 28 / January / 2001

Core recorder Suenaga

Depth (m)	170.0	170.10	170.20	170.30	170.40	170.50	170.60	170.70	170.80	170.90	171.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											



## THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS

Sheet No. 172

Drilling No. GeCC-1

Date 28 / January / 2001

Core recorder Suenaga

Depth (m)	171.0	171.10	171.20	171.30	171.40	171.50	171.60	171.70	171.80	171.90	172.0
Lithological Structure Sketch				<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 1px solid black; transform: rotate(45deg); transform-origin: center;"></div> </div>							
Lithological Symbol											
Color	10GY 8/1 dark gray	2.5Y 5/1 gray	5GY 4/1 dark olive gray								
Soil Description	06 Silty f.s	16 f-m.s	20 f.s								
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 173

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 28/ January /2001

Core recorder Suenaga

Depth (m)	172.0	172.10	172.20	172.30	172.40	172.50	172.60	172.70	172.80	172.90	173.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 174

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 28 / January / 2001

Core recorder Suenaga

Depth (m)	173.0	173.10	173.20	173.30	173.40	173.50	173.60	173.70	173.80	173.90	174.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 175

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 28 / January / 2001  
Core recorder Suenaga

Depth (m)	174.0	174.10	174.20	174.30	174.40	174.50	174.60	174.70	174.80	174.90	175.0
Lithological Structure Sketch	0										
Lithological Symbol											
Color		2.5Y 5/1 gray		5GY 4/1 dark olive gray							
Soil Description		m.s 174.00-03 quartzite, max 3cm	23	30 silty vf.s							
Labo. Sampling											
Sampling No.											

Core

lost

# Core Sample Record (JICA Study Team)

Sheet No. 176

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 28 / January / 2001  
Core recorder Suenaga

Depth (m)	175.0	175.10	175.20	175.30	175.40	175.50	175.60	175.70	175.80	175.90	176.0
Lithological Structure Sketch											
Lithological Symbol											
Color								10Y 4/1 gray		5GY 5/1 olive gray	
Soil Description								70 m.s 175.75-76 mica densely 175.84-88 f.s block	88	Silty f.s	
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 177

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 28 / January / 2001

Core recorder Suenaga

Depth (m)	176.0	176.10	176.20	176.30	176.40	176.50	176.60	176.70	176.80	176.90	177.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 178

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 28 / January / 2001

Core recorder Suenaga

Depth (m)	177.0	177.10	177.20	177.30	177.40	177.50	177.60	177.70	177.80	177.90	178.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description	Core lost										
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 179

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 28 / January / 2001  
Core recorder Suenaga

Depth (m)	178.0	178.10	178.20	178.30	178.40	178.50	178.60	178.70	178.80	178.90	179.0
Lithological Structure Sketch											
Lithological Symbol											
Color							10 Y 4/1 gray		5GY 5/1 olive gray		
Soil Description						50	f-m.s	75	silty f-m.s		
Labo. Sampling							178.55				179.00
Sampling No.							GeCC-1-39 (2.48 mg/kg)				



Core Sample Record (JICA Study Team)

Sheet No. 180

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 28 / January / 2001

Core recorder Suenaga

Depth (m)	179.0	179.10	179.20	179.30	179.40	179.50	179.60	179.70	179.80	179.90	180.0
Lithological Structure Sketch	O				Core lost						
Lithological Symbol											
Color	10Y4/1 gray		5GY5/1 olive gray								
Soil Description	f-m-s 20		Silty f-m-s 30								
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 181

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 28 / January / 2001  
Core recorder Suenaga

Depth (m)	180.0	180.10	180.20	180.30	180.40	180.50	180.60	180.70	180.80	180.90	181.0
Lithological Structure Sketch											
Lithological Symbol											
Color		10Y5/1 gray			10Y4/1 gray		10Y4/1 gray				
Soil Description		f-m.s	27		Silty f-m.s	60	f-m.s	80		Core lost	
Labo. Sampling		180.00				180.60					
Sampling No.						GeCC-1-40 (517 mg/kg)					

Core Sample Record (JICA Study Team)

Sheet No. 182

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 28/Jan/2001

Core recorder Suenaga

Depth (m)	181.0	181.1	181.2	181.3	181.4	181.5	181.6	181.7	181.8	181.9	182.0
Lithological Structure Sketch	<div></div> <div>core</div> <div>lost</div>									<div></div>	<div></div>
Lithological Symbol											
Color											10Y4/1 gray
Soil Description											8D m-c-s mica rich
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 183

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

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Date 28/Jan/2001

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Core recorder Suenaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 184

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 28/Jan/2001

Core recorder Suenaga

Depth (m)	183.0	183.1	183.2	183.3	183.4	183.5	183.6	183.7	183.8	183.9	184.0	
Lithological Structure Sketch	<div></div>								<div></div>		<div></div>	
Lithological Symbol												
Color									10Y4/1 gray		10Y4/1 gray	
Soil Description									70 82 f-m.s		m.s	
Labo. Sampling												
Sampling No.												

Core Sample Record (JICA Study Team)

Sheet No. 185

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 28/Jan/2001

Core recorder *Suenaga*

Depth (m)	184.0	184.1	184.2	184.3	184.4	184.5	184.6	184.7	184.8	184.9	185.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description	<i>core lost</i>										
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 186

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 28/ Jan/ 2001

Core recorder Sultana

Depth (m)	185.0	185.1	185.2	185.3	185.4	185.5	185.6	185.7	185.8	185.9	186.0
Lithological Structure Sketch											
Lithological Symbol											
Color			7.5Y 5/1 gray		10Y 4/1 gray		7.5Y 5/1 gray				
Soil Description			m.s	35	Vf.s	52	f.s	65	core	lost	
Labo. Sampling	185.00			185.35							
Sampling No.				GeCC-1-41							

# Core Sample Record (JICA Study Team)

Sheet No. 187

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 28/Jan/2009  
Core recorder Suenaga

Depth (m)	186.0	186.1	186.2	186.3	186.4	186.5	186.6	186.7	186.8	186.9	187.0
Lithological Structure Sketch											
Lithological Symbol											
Color							7.5Y 5/1 gray				
Soil Description						50 m.s. 186.66~70 silty	70				
Labo. Sampling											
Sampling No.											



Core Sample Record (JICA Study Team)

Sheet No. 188

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

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Date 28 / Jan / 2001

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Core recorder Suenaga

Depth (m)	187.0	187.1	187.2	187.3	187.4	187.5	187.6	187.7	187.8	187.9	188.0
Lithological Structure Sketch	<div><div></div><div></div></div>										
Lithological Symbol											
Color										9.5 Y 5/1 gray	
Soil Description										80 m.s 187.87~89 quartzite (2cm)	
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 189

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 28/Jan/2001

Core recorder Suenaga

Depth (m)	188.0	188.1	188.2	188.3	188.4	188.5	188.6	188.7	188.8	188.9	189.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 190





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 28 / Jan / 2001

Core recorder Suenaga

Depth (m)	189.0	189.1	189.2	189.3	189.4	189.5	189.6	189.7	189.8	189.9	190.0
Lithological Structure Sketch			<div style="position: relative; height: 400px;"><span style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; transform: rotate(45deg); transform-origin: center;">X</span><div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);">core</div><div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);">lost</div></div>								
Lithological Symbol											
Color	7.5Y 5/1 gray	10Y 4/1 gray									
Soil Description	4.5 Silt block (3x4cm)	20 Silt									
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 191

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 28/Jan/2001  
Core recorder Sunaga

Depth (m)	190.0	190.1	190.2	190.3	190.4	190.5	190.6	190.7	190.8	190.9	191.0
Lithological Structure Sketch											
Lithological Symbol											
Color					7.5Y 5/1 gray		10Y 4/1 gray	7.5Y 5/1 gray			
Soil Description					f.s mica rich	60	vf.s 70	f.s 85			
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 192

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 28/Jan/2001

Core recorder Suenaga

Depth (m)	191.0	191.1	191.2	191.3	191.4	191.5	191.6	191.7	191.8	191.9	192.0
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: 40%; transform: translate(-50%, -50%); font-size: 2em;">core</div> <div style="position: absolute; top: 50%; left: 65%; 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. 193

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 28/Jan/2001  
Core recorder Suenaga

Depth (m)	192.0	192.1	192.2	192.3	192.4	192.5	192.6	192.7	192.8	192.9	193.0						
Lithological Structure Sketch																	
Lithological Symbol																	
Color	7.5 Y 5/1 gray											10 Y 4/1 gray					
Soil Description	f.s parallel laminae 31											vf.s 50  core lost					
Labo. Sampling	192.00											192.50					
Sampling No.	GeCC-1-42					(846 mg/kg)											

# Core Sample Record (JICA Study Team)

Sheet No. 194

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 28/Jan/2001  
Core recorder Suenaga

Depth (m)	193.0	193.1	193.2	193.3	193.4	193.5	193.6	193.7	193.8	193.9	194.0			
Lithological Structure Sketch														
Lithological Symbol														
Color						10Y 4/1 gray								
Soil Description						50 VF-f.S 80 193.58-59 mica rich								
Labo. Sampling														
Sampling No.														

Core Sample Record (JICA Study Team)

Sheet No. 195

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 28/Jan/2001

Core recorder Suenaga

Depth (m)	194.0	194.1	194.2	194.3	194.4	194.5	194.6	194.7	194.8	194.9	195.0
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-left: 2px solid black; border-right: 2px solid black; border-bottom: 2px solid black; transform: rotate(45deg);"></div> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border-left: 2px solid black; border-right: 2px solid black; border-bottom: 2px solid black; transform: rotate(-45deg);"></div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em;"> core lost </div> </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											



Core Sample Record (JICA Study Team)

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

Drilling No. GeCC-1

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Date 29 / Jan / 2001

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Core recorder Sulemaga

[illegible]

# Core Sample Record (JICA Study Team)

Sheet No. 197

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 29 / Jan / 2001  
Core recorder Suenaga

Depth (m)	196.0	196.1	196.2	196.3	196.4	196.5	196.6	196.7	196.8	196.9	197.0
Lithological Structure Sketch											
Lithological Symbol											
Color				2.5GY 4/1 dark olive gray			7.5Y 4/1 gray				
Soil Description				30 f.s 55			Silty f-m.s with pebble quartzite, max 5cm 80				
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 198

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 29/Jan/2001

Core recorder Suimaga

Depth (m)	197.0	197.1	197.2	197.3	197.4	197.5	197.6	197.7	197.8	197.9	198.0
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-family: cursive;">core</div> <div style="position: absolute; top: 50%; left: 70%; transform: translate(-50%, -50%); font-family: cursive;">lost</div> </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

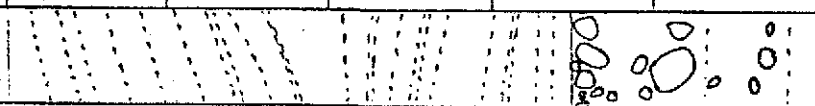
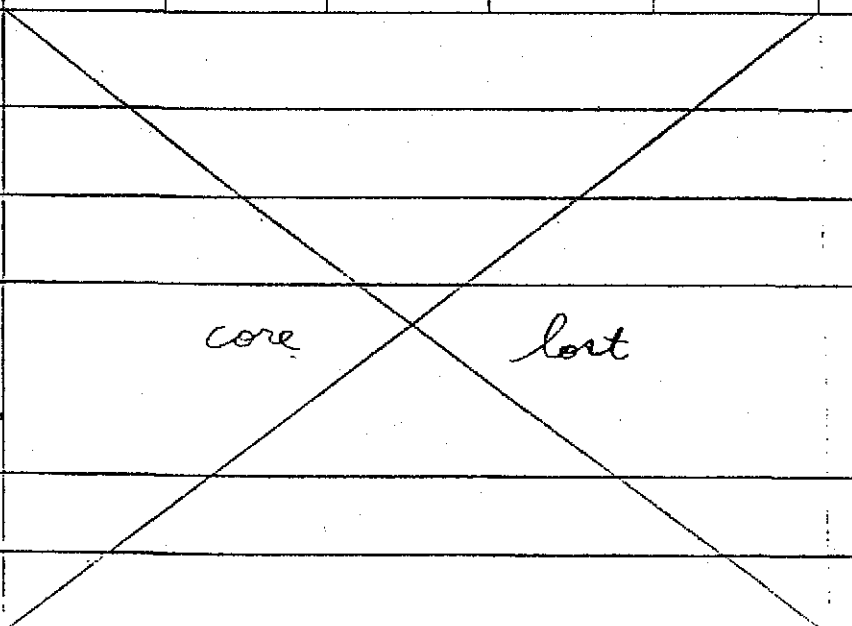
# Core Sample Record (JICA Study Team)

Sheet No. 199

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 29/Jan/2001  
Core recorder Suenaga

Depth (m)	198.0	198.1	198.2	198.3	198.4	198.5	198.6	198.7	198.8	198.9	199.0
Lithological Structure Sketch											
Lithological Symbol											
Color	5GY 4/1 dark olive gray					7.5Y 4/1 gray					
Soil Description	f.s. 35					Silty f-m.s. 50 with pebble quartzite nodules					
Labo. Sampling											
Sampling No.											