

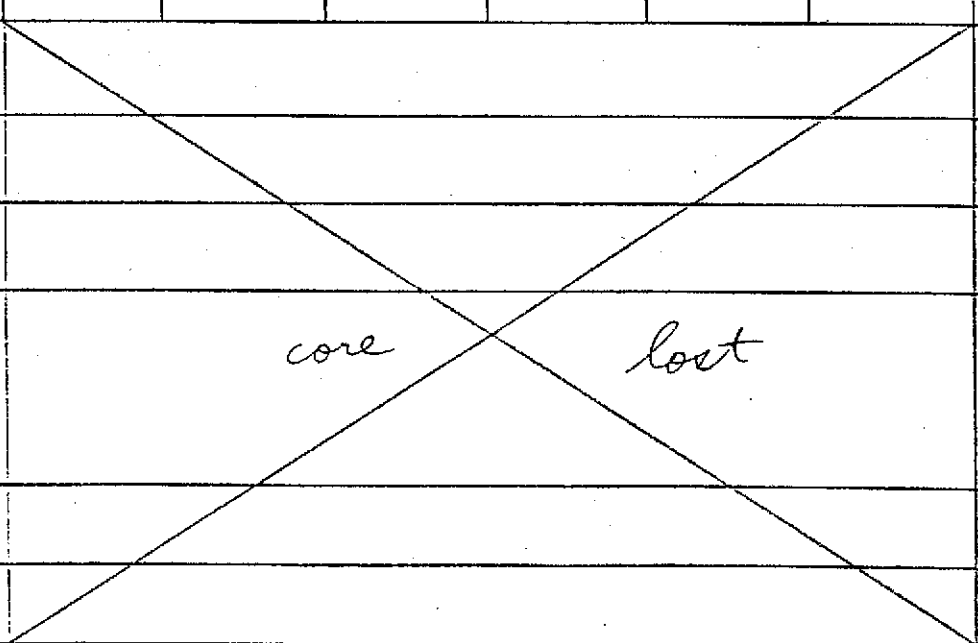
# Core Sample Record (JICA Study Team)

Sheet No. 200

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)	199.0	199.1	199.2	199.3	199.4	199.5	199.6	199.7	199.8	199.9	200
Lithological Structure Sketch							0	0	0	0	0
Lithological Symbol											
Color								2.5GY 4/1	dark olive gray		
Soil Description							60	m-c-s	silt block (1-2cm)		
Labo. Sampling							199.60				200.00
Sampling No.							GeCC-1-43 (4.29 mg/kg)				

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

Drilling No. GeCC-1

Date 29/Jan/2001

Core recorder Suenaga

Depth (m)	200.0	200.1	200.2	200.3	200.4	200.5	200.6	200.7	200.8	200.9	201.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description	<i>core lost</i>										
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 202

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)	201.0	201.1	201.2	201.3	201.4	201.5	201.6	201.7	201.8	201.9	202.0				
Lithological Structure Sketch															
Lithological Symbol															
Color						2.5Y5/1 gray									
Soil Description						50						70			
Labo. Sampling															
Sampling No.															

Core Sample Record (JICA Study Team)

Sheet No. 203

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)	202.0	202.1	202.2	202.3	202.4	202.5	202.6	202.7	202.8	202.9	203.0
Lithological Structure Sketch	<div><div></div><div>core</div><div>lost</div></div>										
Lithological Symbol											
Color								7.5Y4/1 gray	2.5GY4/1 dark olive gray		
Soil Description								60 f-m-s	80 silty f-m-s		
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 204

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)	203.0	203.1	203.2	203.3	203.4	203.5	203.6	203.7	203.8	203.9	204.0
Lithological Structure Sketch											
Lithological Symbol											
Color		7.5Y 5/1 gray	2.5Y 5/1 gray		7.5Y 4/1 gray						
Soil Description		f-m.s 11	m-c.s 21		f-m.s		65				
				203.26 organic laminae							
Labo. Sampling		203.00					203.65				
Sampling No.							GeCC-1-44 (5.08mg/kg)				

Core Sample Record (JICA Study Team)

Sheet No. 205

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 Sueraga

Depth (m)	204.0	204.1	204.2	204.3	204.4	204.5	204.6	204.7	204.8	204.9	205.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5GY 4/1 dark olive gray										
Soil Description	core		lost		30	f.s		50	core		lost
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 206

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)	205.0	205.1	205.2	205.3	205.4	205.5	205.6	205.7	205.8	205.9	206.0	
Lithological Structure Sketch	<div><div></div></div>				<div><div></div></div>							
Lithological Symbol												
Color					10 Y 5/1 gray							
Soil Description					core lost				35 f.s parallel laminae			
Labo. Sampling												
Sampling No.												

Core Sample Record (JICA Study Team)

Sheet No. 207

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)	206.0	206.1	206.2	206.3	206.4	206.5	206.6	206.7	206.8	206.9	207.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10 Y 5/1 gray										
Soil Description	f ~ m.s mica rich . rich pebbles (quartzite, max 3.5 cm)										
Labo. Sampling	206.00	206.20		206.30	207.00						
Sampling No.	GeCC-1-45			GeCC-1-45 (10.22 mg/kg)							



# Core Sample Record (JICA Study Team)

Sheet No. 208

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)	207.0	207.1	207.2	207.3	207.4	207.5	207.6	207.7	207.8	207.9	208.0
Lithological Structure Sketch											
Lithological Symbol											
Color				10 Y 5/1 gray	10 Y 5/1 gray		10 GY 4/1 dark greenish gray	10 Y 5/1 gray	10 GY 4/1 dark greenish gray	10 Y 5/1 gray	10 GY 4/1 dark greenish gray
Soil Description			core lost	25 35 f-m s	f.s	51	Silty clay hard	72 f-m s	82 Silty clay	88 m.s	94 Silty clay
Labo. Sampling							207.50	207.72			
Sampling No.							GeCC-1-46				

(117.25mg/kg)

# Core Sample Record (JICA Study Team)

Sheet No. 209

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)	208.0	208.1	208.2	208.3	208.4	208.5	208.6	208.7	208.8	208.9	209.0
Lithological Structure Sketch											
Lithological Symbol											
Color		10Y5/1 gray				10Y5/1 gray			5GY3/1 dark olive gray		
Soil Description		f-m-s 208.24 Silt (5mm, dark olive gray)	30			m-s 208.42~44 Silt (5mm, dark olive gray)		74	clayey Silt 208.93~209.00 pebble (quartzite, max 3cm)		
Labo. Sampling									208.74		209.00
Sampling No.											GeCC-1-47

(22.89 mg/kg)

Core Sample Record (JICA Study Team)

Sheet No. 210

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 Suenaga

[illegible]

# Core Sample Record (JICA Study Team)

Sheet No. 211

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)	210.0	210.1	210.2	210.3	210.4	210.5	210.6	210.7	210.8	210.9	211.0
Lithological Structure Sketch											
Lithological Symbol											
Color			7.5Y5/1 ~ 10Y4/1 gray				7.5Y5/1 gray				
Soil Description			15	alternation of f.m.s and clayey silt with pebbles (quartzite, max 3cm)			50	f.m.s			
Labo. Sampling								210.65			→
Sampling No.								GeCC-1-48 (5.54 mg/l)			

# Core Sample Record (JICA Study Team)

Sheet No. 212

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)	211.0	211.1	211.2	211.3	211.4	211.5	211.6	211.7	211.8	211.9	212.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10Y 4/1 gray 2.5GY 3/1 10Y 4/1 gray 2.5GY 3/1 10Y 4/1 gray 2.5GY 3/1 10Y 4/1 gray 2.5GY 3/1 10Y 4/1 gray 2.5GY 3/1 10Y 4/1 gray										
Soil Description	f-m.s. with pebbles (quartzite 1cm) f-m.s. Silt block f-m.s. clayey silt f-m.s. clay block clayey silt 211.68-69 (light gray) f-m.s. f-m.s. f-m.s. f-m.s. f-m.s.										
Labo. Sampling	← 211.30 211.60 211.74										
Sampling No.	GeCC-1-48 GeCC-1-49										

(2443 mg/kg)

Sheet No. 2/3

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

Drilling No. GeCC-1

Date 29/Jan/2001

Core recorder Suenaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 214

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 Suenaqa

Depth (m)	213.0	213.1	213.2	213.3	213.4	213.5	213.6	213.7	213.8	213.9	214.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10Y4/1 gray			10Y4/1 gray				10Y4/1 gray			
Soil Description	f.s 213.03-04 charcoal wood fragment (5cm)			f-m.s 213.05-08				m.s 213.83-88 quartzite, max 3.5cm			
Labo. Sampling											
Sampling No.											

Sheet No. 215

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)	214.0	214.1	214.2	214.3	214.4	214.5	214.6	214.7	214.8	214.9	215.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10Y4/1 gray		10Y4/1 gray		10Y4/1 gray		10Y4/1 gray				
Soil Description	f-m.s 18 214.16-19 mica densely		m.s 41 214.33-34 mica densely		f.s 60		f-m.s 214.90 silt block (3mm)				
Labo. Sampling											
Sampling No.											



Core Sample Record (JICA Study Team)

Sheet No. 216

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)	215.0	215.1	215.2	215.3	215.4	215.5	215.6	215.7	215.8	215.9	216.0
Lithological Structure Sketch											
Lithological Symbol											
Color	7.5 Y 5/1 gray										
Soil Description	f - m.s										
Labo. Sampling	215.30 216.00										
Sampling No.	GeCC-1-50 (3.09 mg/kg)										

# Core Sample Record (JICA Study Team)

Sheet No. 217

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)	216.0	216.1	216.2	216.3	216.4	216.5	216.6	216.7	216.8	216.9	217.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

7.5YS/1 ~ 10Y4/1  
gray

f-m-s

216.96 ~ 97 silty v.f.s (dark olive gray)

Core Sample Record (JICA Study Team)

Sheet No. 2 / 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

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Date 29 / Jan / 2001

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Core recorder Suonaga

Depth (m)	217.0	217.1	217.2	217.3	217.4	217.5	217.6	217.7	217.8	217.9	218.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 219

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 Suenaga

Depth (m)	218.0	218.1	218.2	218.3	218.4	218.5	218.6	218.7	218.8	218.9	219.0
Lithological Structure Sketch											
Lithological Symbol											
Color	7.5 Y 5/1 gray					10 Y 4/1 gray					
Soil Description	m - c.s 218.00~20 silt block (1~2cm. hard)					47 m.s					
Labo. Sampling											
Sampling No.											

# 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 29/Jan/2001  
Core recorder Suenaga

Depth (m)	219.0	219.1	219.2	219.3	219.4	219.5	219.6	219.7	219.8	219.9	220.0	
Lithological Structure Sketch												
Lithological Symbol												
Color	10Y4/1 gray			5GY 2/1 olive black		7.5Y4/1 gray			7.5Y4/1 gray		2.5GY 3/1 dark olive gray	
Soil Description	f ~ m. S mica rich 219.04~06 silt (dark olive gray ~ light gray) 27			silt 40		m. S mica rich 70			m ~ C. S 95		Sandy silt	
Labo. Sampling						219.40					219.90	
Sampling No.						GeCC-1-51 (9.78 mg/kg)						

Core Sample Record (JICA Study Team)

Sheet No. 221

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/Jan/2001

Core recorder Suenaga

Depth (m)	220.0	220.1	220.2	220.3	220.4	220.5	220.6	220.7	220.8	220.9	221.0
Lithological Structure Sketch											
Lithological Symbol											
Color	7.5Y 4/1 gray										
Soil Description	220.02~0.4 sandy silty block (2x3cm, gray) m.s. 220.18~2.0 silty Vfs (grayish olive) mica rich										
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 222

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/Jan/2001  
Core recorder Suenaga

Depth (m)	221.0	221.1	221.2	221.3	221.4	221.5	221.6	221.7	221.8	221.9	222.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10 Y 4/1 gray										
Soil Description	f ~ m.s parallel laminae mica rich 221.11-12 } mica densely 18-19 } 221.45-50 silt (dark olive gray)										
Labo. Sampling						221.50			222.00		
Sampling No.						GeCC-1-52 (466 mg/kg)					

## Sheet No. 223

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

Drilling No. GeCC-1

Date \_\_\_\_\_

Core recorder

Depth (m)	222.0	222.1	222.2	222.3	222.4	222.5	222.6	222.7	222.8	222.9	223.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10Y 4/1 gray										
Soil Description	f ~ m . 5 346cm 222.06 ~ 09 } silt block 15 ~ 16 } (olive black)										
Labo. Sampling											
Sampling No.											



## Sheet No. 224

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 31/Jan/2001

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Core recorder Suenaga

Depth (m)	223.0	223.1	223.2	223.3	223.4	223.5	223.6	223.7	223.8	223.9	224.0			
Lithological Structure Sketch						<div></div>								
Lithological Symbol														
Color	10Y 4/1 gray										2.5GY 3/1 dark olive gray	2.5GY 3/1 black	7.5Y 4/1 gray	
Soil Description	f - m.s mica rich								50	Core	Lost	80 85 Silty f-m.s	92 Dilt	m.s
Labo. Sampling														
Sampling No.														

# Core Sample Record (JICA Study Team)

Sheet No. 225

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/Jan/2001  
Core recorder Suenaga

Depth (m)	224.0	224.1	224.2	224.3	224.4	224.5	224.6	224.7	224.8	224.9	225.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling	224.00							224.70			
Sampling No.											

7.5Y4/1  
gray

m.s  
mica rich

7.5Y6/1  
gray

80  
m.c.s

5GY5/1  
olive gray

90  
sandy  
silt

GeCC-1-53 (6.54 mg/kg)

Core Sample Record (JICA Study Team)

Sheet No. 226

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 / Jan / 2001

Core recorder Susana

Depth (m)	225.0	225.1	225.2	225.3	225.4	225.5	225.6	225.7	225.8	225.9	226.0
Lithological Structure Sketch											
Lithological Symbol											
Color	7.5 Y 5/1 gray					7.5 Y 5/1 gray					
Soil Description	m. 5 mica rich 225.22-23 cilt block (1cm, olive black)					30 Core Lost 40 f. 5 mica rich					
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 227

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 / Jan / 2001

Core recorder Suenaga

Depth (m)	226.0	226.1	226.2	226.3	226.4	226.5	226.6	226.7	226.8	226.9	227.0
Lithological Structure Sketch								0			
Lithological Symbol											
Color			7.5 Y 5/1 gray					10 Y 5/2 olive gray			
Soil Description			f-m. S mica rich			60		Silty f-m. S <sup>80</sup>	Core	Lost	
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 228

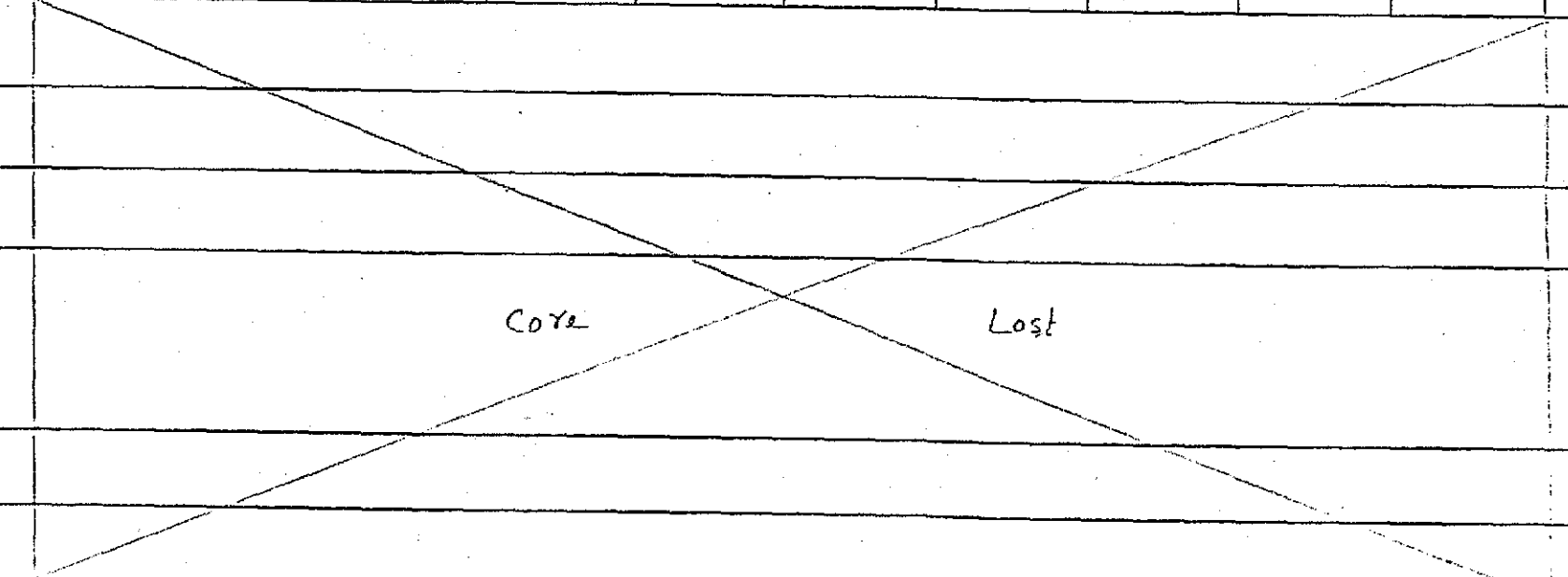
THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS  
FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

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

Drilling No. GeCC-1

Date 31/Jan/2001

Core recorder Suenaga

Depth (m)	227.0	227.1	227.2	227.3	227.4	227.5	227.6	227.7	227.8	227.9	228.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 229

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 / Jan / 2001

Core recorder Suenaga

Depth (m)	228.0	228.1	228.2	228.3	228.4	228.5	228.6	228.7	228.8	228.9	229.0
Lithological Structure Sketch									<div style="text-align: center; font-size: 2em;">X</div>		
Lithological Symbol											
Color	10Y 5/2 olive gray										
Soil Description	f.m.s. mica rich 228.11~13 silt block (2cm, greenish gray) hard (228.40~70)										
	70										
Labo. Sampling	228.00								228.70		
Sampling No.	GeCC-1-54 (51.20 mg/kg)										

# Core Sample Record (JICA Study Team)

Sheet No. 230

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/Jan/2001  
Core recorder Suenaga

Depth (m)	229.0	229.1	229.2	229.3	229.4	229.5	229.6	229.7	229.8	229.9	230.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

10Y5/2  
olive gray  
f ~ m.s  
mica rich

Core Lost 15

# Core Sample Record (JICA Study Team)

Sheet No. 231

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 / Jan / 2001  
Core recorder Suenaga

Depth (m)	230.0	230.1	230.2	230.3	230.4	230.5	230.6	230.7	230.8	230.9	231.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

2.5GY 5/1  
olive gray

f.s  
mild pink

230.34~35 silty VF.S

230.62~63 <sup>Silty</sup> VF.S (olive black)



Core Sample Record (JICA Study Team)

Sheet No. 232

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/Jan/2001

Core recorder Suenaga

Depth (m)	231.0	231.1	231.2	231.3	231.4	231.5	231.6	231.7	231.8	231.9	232.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5GY 5/1 olive gray										
Soil Description	15 f.s mica rich										
Labo. Sampling	231.30 232.00										
Sampling No.	Ge CC - 1 - 55 (20.36 mg/kg)										

Core Sample Record (JICA Study Team)

Sheet No. 233

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/Jan/2001

Core recorder Suenaga

Depth (m)	232.0	232.1	232.2	232.3	232.4	232.5	232.6	232.7	232.8	232.9	233.0
Lithological Structure Sketch	[Sketches of soil structure: vertical lines for silty clay, horizontal lines for silt, and wavy lines for clay]										
Lithological Symbol	[Lithological symbols: vertical lines for silty clay, horizontal lines for silt, and wavy lines for clay]										
Color	2.5GY 5/1 olive gray		2.5GY 5/1 ~ 5GY 4/1	2.5GY 5/1 olive gray	2.5GY 5/1 ~ 5GY 4/1 olive gray dark olive gray						
Soil Description	f.s mica rich		20 alternation of f.s and silt	30 f.s mica rich	45	alternation of f.s and silt (0.3~1cm) (0.2~0.5cm)					
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 234

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/Jan/2001

Core recorder Sumaga

Depth (m)	233.0	233.1	233.2	233.3	233.4	233.5	233.6	233.7	233.8	233.9	234.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5GY 5/1 ~ 5GY 4/1 olive gray      dark olive gray										
Soil Description	alternation of f.s and Silt (0.3~0.5cm)      (0.3~0.5cm)										
Labo. Sampling	233.00					233.50					
Sampling No.	GecC-1-56 (10.27 mg/kg)										

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

Sheet No. 235

Drilling No. GeCC-1

Date 31/Jan/2001

Core recorder Suenaga

Depth (m)	234.0	234.1	234.2	234.3	234.4	234.5	234.6	234.7	234.8	234.9	235.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5GY 5/1 ~ 5GY 4/1		2.5GY 5/1 olive gray		2.5GY 5/1 ~ 5GY 4/1 olive gray      dark olive gray				2.5GY 5/1 ~ 5GY 4/1		
Soil Description	alternation of f.s and silt (0.2-0.5cm) 15		f.s 30		alternation of f.s and silt (0.2-4cm) (0.2-0.7cm) 50		Core Lost		alternation of f.s and silt (0.1-0.2cm) (0.3-1cm) 80		
Labo. Sampling											
Sampling No.											

Sheet No. 236

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

Drilling No. GeCC-1

Date 31 / Jan / 2001

Core recorder Suenaga

Depth (m)	235.0	235.1	235.2	235.3	235.4	235.5	235.6	235.7	235.8	235.9	236.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5GY 5/ ~ 5GY 4/ olive gray dark olive gray										
Soil Description	alternation of f.s and Silt (0.2~0.5cm) (0.3~1cm)										
Labo. Sampling					235.30				235.78		
Sampling No.					GeCC-1-57 (21.90mg/kg)						

# Core Sample Record (JICA Study Team)

Sheet No. 237

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/Jan/2001  
Core recorder Suenaga

Depth (m)	236.0	236.1	236.2	236.3	236.4	236.5	236.6	236.7	236.8	236.9	237.0
Lithological Structure Sketch											
Lithological Symbol											
Color						2.5GY 5/1 ~ 5GY 4/1 olive gray dark olive gray					
Soil Description						40 alternation of f.s and Silt (0.2-0.5cm) (0.2-1cm)					
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 238

## 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 31/Jan/2001

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Core recorder Suenaga

Depth (m)	237.0	237.1	237.2	237.3	237.4	237.5	237.6	237.7	237.8	237.9	238.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5GY 5/1 ~ 5GY 4/1 olive gray      dark olive gray						2.5GY 5/1 olive gray				
Soil Description	alternation of f.s and Silt 50 (0.2~0.5cm)      (0.3~0.8cm)						f.s mica rich				
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 239

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/Jan/2001  
Core recorder Suenaga

Depth (m)	238.0	238.1	238.2	238.3	238.4	238.5	238.6	238.7	238.8	238.9	239.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling	238.00							238.70			
Sampling No.								GeCC-1-58 (867mg/kg)			



Core Sample Record (JICA Study Team)

Sheet No. 240

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/Jan/2001
Core recorder	Suenaga

Depth (m)	239.0	239.1	239.2	239.3	239.4	239.5	239.6	239.7	239.8	239.9	240.0
Lithological Structure Sketch											
Lithological Symbol											
Color		10Y4/1 gray									
Soil Description		f-m.s      20  239.18~20 silty vf-s		Core Last.							
Labo. Sampling											
Sampling No.											

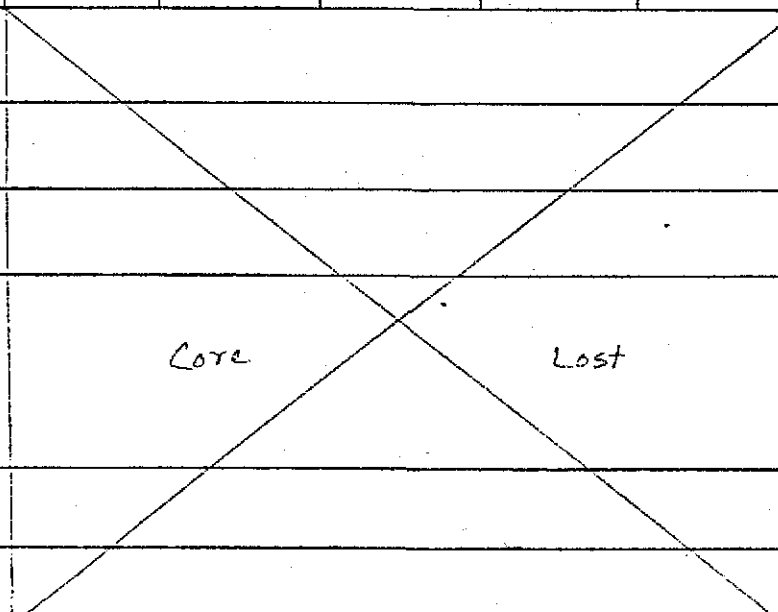
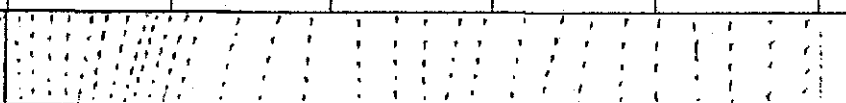
# Core Sample Record (JICA Study Team)

Sheet No. 241

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/Jan/2001  
Core recorder Suenoga

Depth (m)	240.0	240.1	240.2	240.3	240.4	240.5	240.6	240.7	240.8	240.9	241.0
Lithological Structure Sketch											
Lithological Symbol											
Color						SGY 9/1 dark olive gray					
Soil Description						50 f.s mica rich					
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 242

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 / Jan / 2001  
Core recorder Suenaga

Depth (m)	241.0	241.1	241.2	241.3	241.4	241.5	241.6	241.7	241.8	241.9	242.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling	241.00							241.70			
Sampling No.											

5GY 4/  
dark olive gray

f.s  
mica rich

10Y 5/  
gray

85  
m.s 96  
silty  
v.f.s

GeCC-1-59 (7.88 mg/kg)

Core Sample Record (JICA Study Team)

Sheet No. 243

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/Jan/2001

Core recorder Suenaga

[illegible]

# Core Sample Record (JICA Study Team)

Sheet No. 244

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 31 / Jan / 2001  
Core recorder Suenaga

Depth (m)	243.0	243.1	243.2	243.3	243.4	243.5	243.6	243.7	243.8	243.9	244.0
Lithological Structure Sketch				① ②							
Lithological Symbol											
Color		10 Y 5/1 gray		10 Y 5/1 gray	7.5GY 4/1 dark greenish gray			10 Y 5/1 gray	7.5GY 3/1 dark greenish gray	2.5GY 4/1 dark olive gray	
Soil Description		m-c.s. <sup>25</sup>		m.s. <sup>40</sup> Silt block (1-2cm, olive gray)	Silty f-m.s. <sup>50</sup>	CORE Lost		m.s. <sup>78</sup>	clayey Silt <sup>87</sup>	m.s.	
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 245

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 / Jan / 2001  
Core recorder Suenaga

Depth (m)	244.0	244.1	244.2	244.3	244.4	244.5	244.6	244.7	244.8	244.9	245.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5GY 4/1 dark olive gray	5GY 4/1 dark olive gray	7.5GY 4/1 dark greenish gray	5GY 4/1 dark olive gray	10Y 3/1 olive black	2.5GY 4/1 dark olive gray	10Y 4/1 gray	5GY 3/1 dark olive gray	~ 2.5GY 4/1 olive gray		
Soil Description	f-m-s 10	f-s					65	f-m-s 74	alternation of vf-f-s and silt		
		244.28~34 } silt 45~46 48~50 }						244.66~70 silt block			
Labo. Sampling										244.74	→
Sampling No.										GeCC-1-60 (35.33 mg/kg)	

Sheet No. 246

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 31/Jan/2001

---

Core recorder Suenaga

Depth (m)	245.0	245.1	245.2	245.3	245.4	245.5	245.6	245.7	245.8	245.9	246.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5GY 4/1 5GY 3/1 10Y 4/1 grey										
Soil Description	alternation of v.f.s and Silt m.s 245.76-78 v.f.s block										
Labo. Sampling	← 245.17 245.30 246.00										
Sampling No.	GeCC-1-60 GeCC-1-61 (5.82 mg/kg)										

Core Sample Record (JICA Study Team)

Sheet No. 247.

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 / Jan / 2001

Core recorder Suenaga

[illegible]



# Core Sample Record (JICA Study Team)

Sheet No. 248

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/Jan/2001  
Core recorder Suenaga

Depth (m)	247.0	247.1	247.2	247.3	247.4	247.5	247.6	247.7	247.8	247.9	248.0
Lithological Structure Sketch											
Lithological Symbol											
Color					10Y4/1 gray		5GY4/1 olive gray		10Y4/1 gray		
Soil Description					m.s quartzite (max 2.5 cm)	54	f ~ V.f.s inverse grading	80	f ~ m.s 92	Silty vf.s	
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 249

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 / Jan / 2001

Core recorder Suenaga

Depth (m)	248.0	248.1	248.2	248.3	248.4	248.5	248.6	248.7	248.8	248.9	249.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10 Y 4/1 gray					10 Y 4/1 gray					
Soil Description	f-m.s mica rich					m.s. mica rich  249.95 - 00 Silty					
Labo. Sampling											
Sampling No.											

Sheet No. 250

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

Drilling No. GeCC-1

Date 31/Jan/2001

Core recorder Suenaga

Depth (m)	249.0	249.1	249.2	249.3	249.4	249.5	249.6	249.7	249.8	249.9	250.0
Lithological Structure Sketch							<div style="position: relative; width: 100%; height: 100%;"><div style="position: absolute; top: 0; right: 0; bottom: 0; left: 0; background: linear-gradient(to top right, transparent 49%, black 49%, black 51%, transparent 51%);"></div></div>				
Lithological Symbol											
Color	10Y 4/1 gray										
Soil Description	f-m-s mica rich										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 251

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 02 / Feb / 2001

Core recorder Suenaga

Depth (m)	250.0	250.1	250.2	250.3	250.4	250.5	250.6	250.7	250.8	250.9	251.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5GY 5/1 olive gray										
Soil Description	m.s										
Labo. Sampling	250.00						250.70				
Sampling No.	GeCC-1-62 (6.03 mg/kg)										

Core Sample Record (JICA Study Team)

Sheet No. 352

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 02/Feb/2001

---

Core recorder Suenaga

[illegible]

## 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 02/Feb/2001

Core recorder Suenaga

Depth (m)	252.0	252.1	252.2	252.3	252.4	252.5	252.6	252.7	252.8	252.9	253.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5G Y5/ olive gray										
Soil Description	m. s										
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 254

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 02 / Feb / 2001  
Core recorder S. H. Hossain

Depth (m)	253.0	253.1	253.2	253.3	253.4	253.5	253.6	253.7	253.8	253.9	254.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

25GY 5/1  
olive gray

m.s

25GY 2/1  
dark greenish gray

25GY 4/1  
dark greenish gray

25GY 3/1  
dark olive gray

25GY 2/1  
black

25GY 4/1  
dark olive gray

73

77  
VF  
f.s

82  
Silt

88  
Silty  
VF  
f.s

92  
clayey  
Silt

92  
Silty  
f-m.s

Core Sample Record (JICA Study Team)

Sheet No. 255

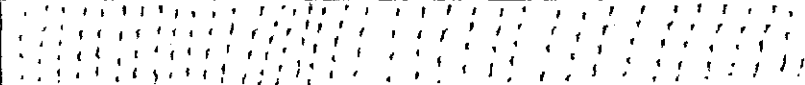
THE STUDY ON THE GROUNDWATER DEVELOPMENT OF DEEP AQUIFERS  
FOR SAFE DRINKING WATER SUPPLY TO ARSENIC AFFECTED AREAS IN WESTERN BANGLADESH

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

Drilling No. GeCC-1

Date 02/Feb/2001

Core recorder Suenaga

Depth (m)	254.0	254.1	254.2	254.3	254.4	254.5	254.6	254.7	254.8	254.9	255.0		
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		2.5GY 5/1 olive gray											
Soil Description		Core				Lost				40		f-m.s	
Labo. Sampling						254.40				255.00			
Sampling No.					GeCC-1-63 (3.94 mg/kg)								



Core Sample Record (JICA Study Team)

Sheet No. 256

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 02/Feb./2001

Core recorder Suenaga

Depth (m)	255.0	255.1	255.2	255.3	255.4	255.5	255.6	255.7	255.8	255.9	256.0
Lithological Structure Sketch											
Lithological Symbol											
Color	7.5Y5/1 gray	7.5GY4/1 dark greenish gray	7.5Y5/1 gray								
Soil Description	f-m-s <sup>10</sup> with pebbles quartzite, (1-1.5 cm) Vt-S	F-m-s <sup>25</sup>	m.s <sup>50</sup> with pebbles (quartzite 1-2 cm)								
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 257

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 02/Feb/2001  
Core recorder Suenaga

Depth (m)	256.0	256.1	256.2	256.3	256.4	256.5	256.6	256.7	256.8	256.9	257.0			
Lithological Structure Sketch														
Lithological Symbol														
Color						SGT 4/1 dark olive gray								
Soil Description						Core Lost					50	f-m.s		
Labo. Sampling														
Sampling No.														

# Core Sample Record (JICA Study Team)

Sheet No. 258

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 02/Feb/2001  
Core recorder Suenaga

Depth (m)	257.0	257.1	257.2	257.3	257.4	257.5	257.6	257.7	257.8	257.9	258
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling		257.00					257.60				
Sampling No.											

GeCC-1-64 (4.32 mg/kg)

Core Sample Record (JICA Study Team)

Sheet No. 259

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

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

Drilling No. GeCC-1

Date 02 / Feb. / 2001

Core recorder Suenaga

Depth (m)	258.0	258.1	258.2	258.3	258.4	258.5	258.6	258.7	258.8	258.9	259.0
Lithological Structure Sketch											
Lithological Symbol											
Color	SGY 4/1 dark olive gray				SGY 5/1 gray						
Soil Description	f.m.s 27				m.s 50 with pebbles (quartzite, 0.5-2cm)						
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 263

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 02/Feb./2001

Core recorder Suenaga

Depth (m)	259.0	259.1	259.2	259.3	259.4	259.5	259.6	259.7	259.8	259.9	260.0
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: 1px 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 style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 2em;"> <p>Core</p> <p>Lost</p> </div> </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 261

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 03 / Feb. / 2001

Core recorder Suenaga

Depth (m)	260.0	260.1	260.2	260.3	260.4	260.5	260.6	260.7	260.8	260.9	261.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

## Sheet No. 262

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

Drilling No. GeCC-1

Date 03 / Feb. / 2001

Core recorder *Suenaga*

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 263

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 03 / Feb. / 2001

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Core recorder Suenaga

Depth (m)	262.0	262.1	262.2	262.3	262.4	262.5	262.6	262.7	262.8	262.9	263.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10Y5/1 gray										
Soil Description	vf ~ f.s 262.24 ~ 29 organic laminae (with charcoal wood fragment) 262.19 ~ 29 mica densely										
Labo. Sampling	262.00					262.65					
Sampling No.						GeCC-1-65 (6.43 mg/Kg)					



Sheet No. 264

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 03 / Feb. / 2001

Core recorder Sulnaga

Depth (m)	263.0	263.1	263.2	263.3	263.4	263.5	263.6	263.7	263.8	263.9	264.0
Lithological Structure Sketch	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 45%; text-align: center;">Core</div> <div style="width: 10%;"></div> <div style="width: 45%; text-align: center;">Lost</div> </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 265

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 03 / Feb. / 2001

Core recorder Suenaga

Depth (m)	264.0	264.1	264.2	264.3	264.4	264.5	264.6	264.7	264.8	264.9	265.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 266

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 05 / Feb. / 2001

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Core recorder Suenaga

Depth (m)	265.0	265.1	265.2	265.3	265.4	265.5	265.6	265.7	265.8	265.9	266.0	
Lithological Structure Sketch												
Lithological Symbol												
Color					10Y5/1 gray							
Soil Description					35 Vf.S cross laminae 265.48 ~ 70. } mica densely 88 ~ 96 }							
Labo. Sampling												
Sampling No.												

# Core Sample Record (JICA Study Team)

Sheet No. 267

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 05/Feb./2001  
Core recorder Suenaga

Depth (m)	266.0	266.1	266.2	266.3	266.4	266.5	266.6	266.7	266.8	266.9	267.0
Lithological Structure Sketch	Core Lost										
Lithological Symbol											
Color								7.5Y 5/1 gray			
Soil Description								m - C.S			
Labo. Sampling						266.50					→
Sampling No.						GeCC-1-66 (3.67 mg/kg)					

Core Sample Record (JICA Study Team)

Sheet No. 268

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

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


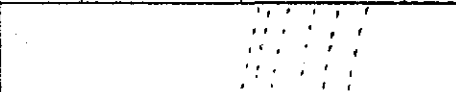

Drilling No. GeCC-1

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Date 05 / Feb. / 2001

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Core recorder Suwaga

Depth (m)	267.0	267.1	267.2	267.3	267.4	267.5	267.6	267.7	267.8	267.9	268.0
Lithological Structure Sketch											
Lithological Symbol											
Color	7.5Y5/1 gray			7.5Y5/1 gray			10Y5/1 gray				
Soil Description	m-c.s Inverse grading			m.s reverse grading			f-m.s				
Labo. Sampling	← 267.20										
Sampling No.	GeCC-1-66										

## Sheet No. 269

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 05 / Feb. / 2001

Core recorder Suenaga

Depth (m)	268.0	268.1	268.2	268.3	268.4	268.5	268.6	268.7	268.8	268.9	269.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10 Y 5/1 gray										
Soil Description	f - m - s 268.45-62 silt block (1cm-5mm, dark greenish gray) 69-70 268.89-90 quartzite (2cm)										
Labo. Sampling	268.00					268.60					
Sampling No.	GeCC-1-67 (3.98 mg/kg)										

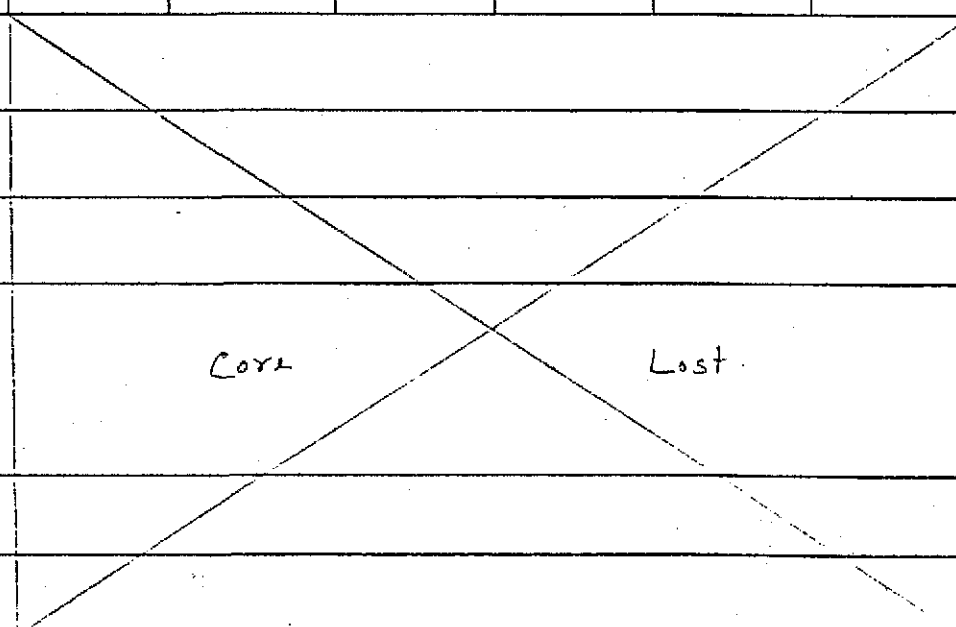

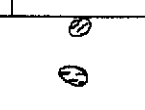
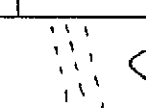
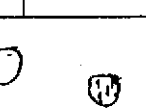
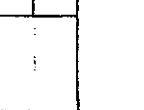
# Core Sample Record (JICA Study Team)

Sheet No. 270

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 05 / Feb. / 2001  
Core recorder Sueraga

Depth (m)	269.0	269.1	269.2	269.3	269.4	269.5	269.6	269.7	269.8	269.9	270.0
Lithological Structure Sketch											
Lithological Symbol											
Color								7.5 YS / gray			
Soil Description							60	f ~ m.s with sandy silt block (1~2cm, gray) 269.87~90 quartzite (3cm)			
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 05 / Feb. / 2001  
Core recorder Suenaga

Depth (m)	270.0	270.1	270.2	270.3	270.4	270.5	270.6	270.7	270.8	270.9	271.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

0

7.5 Y 5/1  
gray

m.s

270.87-89 silt block (3cm, dark greenish gray)



# Core Sample Record (JICA Study Team)

Sheet No. 272

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 05 / Feb / 2001  
Core recorder Suenaga

Depth (m)	271.0	271.1	271.2	271.3	271.4	271.5	271.6	271.7	271.8	271.9	272.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

10 Y 4 / 1  
gray

f ~ m.s

35

10 Y 4 / 1  
gray

m.s  
mica rich

271.80 - 81 silt block (2cm. hand)

271.35

272.00

GeCC-1-68 (4.82 mg/kg)

# Core Sample Record (JICA Study Team)

Sheet No. 272

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 05/Feb./2001  
Core recorder Suenaga

Depth (m)	272.0	272.1	272.2	272.3	272.4	272.5	272.6	272.7	272.8	272.9	273.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

10Y4/1  
gray  
f ~ m.s  
mic. sil

Core Sample Record (JICA Study Team)

Sheet No. 276

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 05 / Feb / 2001

Core recorder Suenaga

Depth (m)	273.0	273.1	273.2	273.3	273.4	273.5	273.6	273.7	273.8	273.9	274.0
Lithological Structure Sketch						o					
Lithological Symbol											
Color	10Y 4/1 gray					2.5GY 4/ dark greenish gray	10Y 4/ gray	10Y 4/ gray			
Soil Description	f ~ m.s 50					Sandy Silt 60	f.s 72	f ~ m.s with Silt block (1~2cm. dark greenish gray)			
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 235

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 05 / Feb. / 2001  
Core recorder Sunaga

Depth (m)	274.0	274.1	274.2	274.3	274.4	274.5	274.6	274.7	274.8	274.9	275.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10Y4/1 gray				10Y4/1 gray						7.5GY4/1 dark greenish gray
Soil Description	05 f.m.s				f.s					90	Sandy Silt
Labo. Sampling				274.20				274.80			
Sampling No.				GeCC-1-69				(5.51 mg/kg)			

Core Sample Record (JICA Study Team)

Sheet No. 634

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 05 / Feb. / 2001

Core recorder Suenaga

Depth (m)	275.0	275.1	275.2	275.3	275.4	275.5	275.6	275.8	275.9	276.0
Lithological Structure Sketch										
Lithological Symbol										
Color								10Y 4/1 gray		10Y 4/1 gray
Soil Description	Core Lost							72 f-m.s. 87		f.s.
Labo. Sampling										
Sampling No.										

Core Sample Record (JICA Study Team)

Sheet No. 577

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 05/Feb/2001

Core recorder Suenaga

[illegible]

Core Sample Record (JICA Study Team)

Sheet No. 278

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 05 / Feb. / 2001

Core recorder Suenaga

[illegible]

Sheet No. 279

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 05 / Feb. / 2001

Core recorder Suenaga

Depth (m)	278.0	278.1	278.2	278.3	278.4	278.5	278.6	278.7	278.8	278.9	279.0
Lithological Structure Sketch							0			0°	
Lithological Symbol											
Color	10Y4/1 gray										
Soil Description	f - m.s										
Labo. Sampling	278.00						278.60				
Sampling No	GedC-1-70(543mg/kg)										



# Core Sample Record (JICA Study Team)

Sheet No. 221

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 05 / Feb / 2001  
Core recorder Suenaga

Depth (m)	279.0	279.1	279.2	279.3	279.4	279.5	279.6	279.7	279.8	279.9	280.0
Lithological Structure Sketch	0										
Lithological Symbol											
Color	10Y4/1 gray				10Y4/1 gray						
Soil Description	f-m.s 15				f.s						
Labo. Sampling											
Sampling No.											

Core

Lost

Core Sample Record (JICA Study Team)

Sheet No. 281

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 05 / Feb. / 2001

Core recorder Suenaga

Depth (m)	280.0	280.1	280.2	280.3	280.4	280.5	280.6	280.7	280.8	280.9	281.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10Y5/1 gray										
Soil Description	f. S 280.54 charcoal wood fragment (1x3cm) 280.64~65 silt block (2cm) 280.74~79 mica densely										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No 282

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

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

Drilling No. GeCC-1

Date 05 / Feb. / 2001

Core recorder Suenaga

Depth (m)	281.0	281.1	281.2	281.3	281.4	281.5	281.6	281.7	281.8	281.9	282.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No											

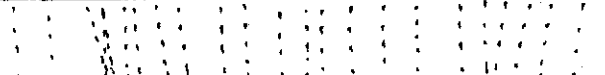
Sheet No. 282

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

Drilling No. GeCC-1

Date 05/Feb./2001

Core recorder *Suenaga*

Depth (m)	282.0	282.1	282.2	282.3	282.4	282.5	282.6	282.7	282.8	282.9	283.0
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						10 Y 4/1 gray					
Soil Description						CoreLost					
Labo. Sampling						282.50 →					
Sampling No	GeCC-1- 71 (478 mg/kg)										

Core Sample Record (JICA Study Team)

Sheet No. 284

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 05 / Feb. / 2001

Core recorder Suenaga

Depth (m)	283.0	283.1	283.2	283.3	283.4	283.5	283.6	283.7	283.8	283.9	284.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10Y4/1 gray										
Soil Description	f.s. 283.30-75 trace fossil 283.55-60 silt block (hand, 5cm plate)										
Labo. Sampling	←	283.15									
Sampling No.	GeCC-1-71										

Core Sample Record (JICA Study Team)

Sheet No. 285

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 05/Feb./2001

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Core recorder Suenaga

Depth (m)	284.0	284.1	284.2	284.3	284.4	284.5	284.6	284.7	284.8	284.9	285.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description	<i>Core Lost</i>										
Labo. Sampling											
Sampling No.											

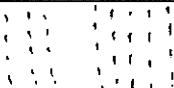
# Core Sample Record (JICA Study Team)

Sheet No. 286

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 05/Feb./2001  
Core recorder Suenaga

Depth (m)	285.0	285.1	285.2	285.3	285.4	285.5	285.6	285.7	285.8	285.9	286.0
Lithological Structure Sketch	<div></div> <div>Core</div> <div>Lost</div>										
Lithological Symbol											
Color								7.5Y5/1 gray			
Soil Description								65 f.s			
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 287

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 05/Feb./2001  
Core recorder Suenaga

Depth (m)	286.0	286.1	286.2	286.3	286.4	286.5	286.6	286.7	286.8	286.9	287.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10 Y 4/1 gray										
Soil Description	f. 5 286.07-08 clay block (2cm. gray) 286.36-38 mica densely										
Labo. Sampling		286.10					286.80				
Sampling No.		GeCC-1-72 (3.72 mg/kg)									



Core Sample Record (JICA Study Team)

Sheet No. 288

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 05/ Feb. / 2001

Core recorder Suenaga

Depth (m)	287.0	287.1	287.2	287.3	287.4	287.5	287.6	287.7	287.8	287.9	288.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10Y 4/1 gray						7.5Y 5/1 gray				
Soil Description	f. s						f. m. s with pebble (quartzite, max 3cm)				
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 289

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 05 / Feb. / 2001

Core recorder Suenaga

Depth (m)	288.0	288.1	288.2	288.3	288.4	288.5	288.6	288.7	288.8	288.9	289.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10 YR 4/1 gray										
Soil Description	f. s  288.39-41 silt (hard, olive gray)						50	Core			Lost
Labo. Sampling											
Sampling No.											

## Sheet No. 290

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

Drilling No. GeCC-1

Date 05 / Feb. / 2001

Core recorder Suenega

Depth (m)	289.0	289.1	289.2	289.3	289.4	289.5	289.6	289.7	289.8	289.9	290.0			
Lithological Structure Sketch	<div><div></div><div>Core</div><div>Lost</div></div>													
Lithological Symbol														
Color							10Y 4/1 gray			7.5Y 5/1 gray		7.5Y 5/1 gray		
Soil Description							25	f-m.S		60	m-C.S 80 289.68~70 quartzite (3cm)		C.S with pebbles quartzite, max 3cm, 2-1cm	
Labo. Sampling														
Sampling No.														

## Sheet No. 291

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 05 / Feb. / 2001

Core recorder Suenaga

Depth (m)	290.0	290.1	290.2	290.3	290.4	290.5	290.6	290.7	290.8	290.9	291.0
Lithological Structure Sketch	<div style="position: relative; height: 300px;"> <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%);"> Core (Gravel Layer) </div> <div style="position: absolute; top: 50%; left: 70%; transform: translate(-50%, -50%);"> Lost </div> </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 292

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 05/ Feb. / 2001  
Core recorder Suenaga

Depth (m)	291.0	291.1	291.2	291.3	291.4	291.5	291.6	291.7	291.8	291.9	292.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description				30 alternation of 50 C.S and Sandy Silt with pebble (Zanzibar 1-1.5cm)							
Labo. Sampling											
Sampling No.											

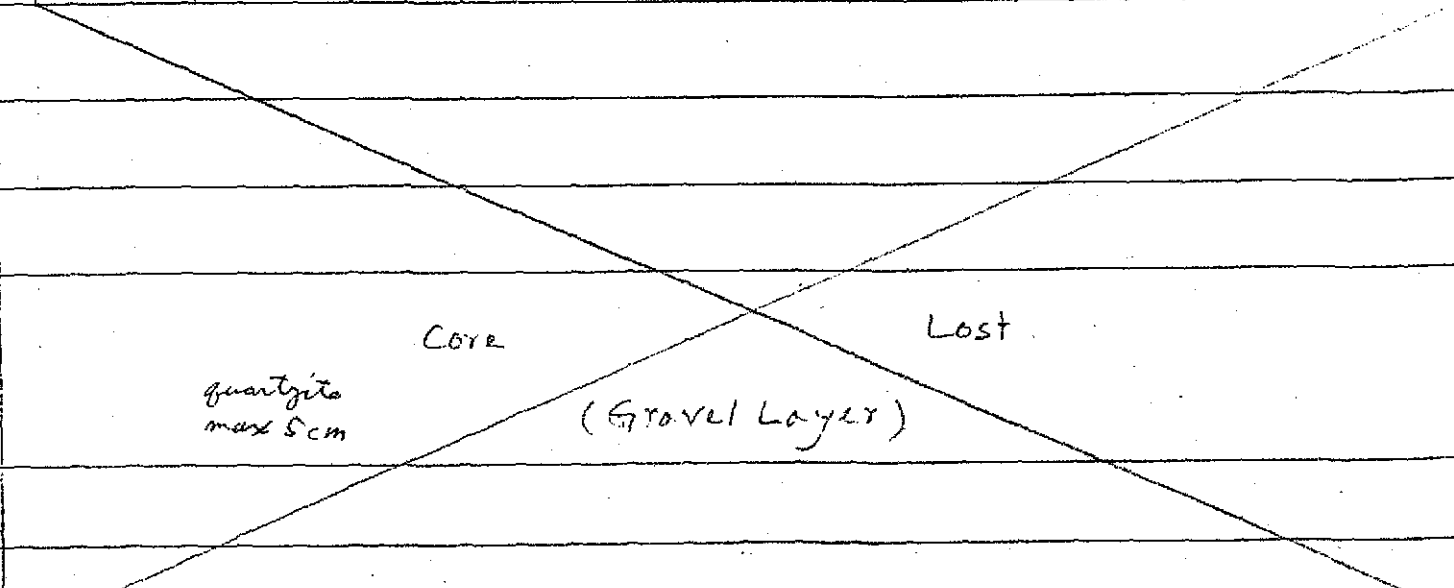

Sheet No. 293

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

Drilling No. GeCC-1

Date 05 / Feb. / 2001

Core recorder Suenaga

Depth (m)	292.0	292.1	292.2	292.3	292.4	292.5	292.6	292.7	292.8	292.9	293.0
Lithological Structure Sketch	<div></div>										
Lithological Symbol											
Color											
Soil Description											90 Silty V.F.S 292.94-98 Silt block (hard, 6 cm)
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 294

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 05/ Feb. / 2001

Core recorder Suenaga

Depth (m)	293.0	293.1	293.2	293.3	293.4	293.5	293.6	293.7	293.8	293.9	294.0
Lithological Structure Sketch	<div style="text-align: center;"> <p>Core (Gravel Layer) Lost</p> </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 295

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 05/Feb./2001

Core recorder Suenaga

Depth (m)	294.0	294.1	294.2	294.3	294.4	294.5	294.6	294.7	294.8	294.9	295.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											



Core Sample Record (JICA Study Team)

Sheet No. 296

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 05 / Feb. / 2001

Core recorder Suenaga

Depth (m)	295.0	295.1	295.2	295.3	295.4	295.5	295.6	295.7	295.8	295.9	296.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description	<i>Core Lost</i>										
Labo. Sampling											
Sampling No.											

## Sheet No. 297

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

Drilling No. GeCC-1

Date 05 / Feb. / 2001

Core recorder Suenaga

Depth (m)	296.0	296.1	296.2	296.3	296.4	296.5	296.6	296.7	296.8	296.9	297.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

## Sheet No. 298

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

Drilling No. GeCC-1

Date 05 / Feb. / 2001

Core recorder Suenaga

Depth (m)	297.0	297.1	297.2	297.3	297.4	297.5	297.6	297.7	297.8	297.9	298.0
Lithological Structure Sketch											
Lithological Symbol											
Color	7.5Y 5/1 gray										
Soil Description	f.s mica rich										
Labo. Sampling											
Sampling No.											

# Core Sample Record (JICA Study Team)

Sheet No. 000

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 05 / Feb / 2001  
Core recorder Sunega

Depth (m)	298.0	298.1	298.2	298.3	298.4	298.5	298.6	298.7	298.8	298.9	299.0
Lithological Structure Sketch	<div></div>										
Lithological Symbol											
Color								2.5GY 5/ olive gray			
Soil Description						50		f.s			
Labo. Sampling						298.50					→
Sampling No.											GeCC-1-73 (5.78 mg/kg)

# Core Sample Record (JICA Study Team)

Sheet No. 300

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 05/ Feb / 2001  
Core recorder Sunaga

Depth (m)	299.0	299.1	299.2	299.3	299.4	299.5	299.6	299.7	299.8	299.9	300.0
Lithological Structure Sketch											
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling	←										
Sampling No.											

2.5GY 5/1  
olive gray

f.s

299.25

GeCC-1-73