

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	30 / July / 2001
Core recorder	SUEINAGA

Depth (m)	175.0	175.1	175.2	175.3	175.4	175.5	175.6	175.7	175.8	175.9	176.0
Lithological Structure Sketch	[Sketch: Fine sand with small pebbles]						[Sketch: Coarse sand with pebbles]				
Lithological Symbol	[Symbol: Fine sand]						[Symbol: Coarse sand]				
Color	10 YSA gray						2.5 YSA ~ 5 YSA gray				
Soil Description	M.S. 0.05-1.0 pebbles (c. 2.0-1.0mm) M - C.S						C.S with pebbles (mainly s.s. 0.2-1.0mm) a little s.s. 1.0-3.0mm				
Labo. Sampling	175.10						175.55				
Sampling No.	GeHM-1-53 (237 mg/kg)										

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	30 / July / 2001
Core recorder	SUENAGA

Depth (m)	176.0	176.1	176.2	176.3	176.4	176.5	176.6	176.7	176.8	176.9	177.0
Lithological Structure Sketch	<div style="font-size: 4em; opacity: 0.5;">X</div> <p style="font-size: 1.5em; margin-top: 20px;">core lost</p>										
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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	30 / July / 2001
Core recorder	SUENAGA

Depth (m)	177.0	177.1	177.2	177.3	177.4	177.5	177.6	177.7	177.8	177.9	178.0
Lithological Structure Sketch											
Lithological Symbol											
Color	10Y5/1 pink										
Soil Description	core sand 20 m = 0.5 with pebbles (0.0.1 - 0.8 cm)										
Labo. Sampling						177.50			178.00		
Sampling No.	GeHM-1-54 (3.49 mg/kg)										

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 30 / July / 2001
 Core recorder SUENAGA

Depth (m)	178.0	178.1	178.2	178.3	178.4	178.5	178.6	178.7	178.8	178.9	179.0
Lithological Structure Sketch	○ ○ ○ ○			X							
Lithological Symbol											
Color	10Y5/1 gray										
Soil Description	m - c. 5 25 with pebbles (a little - 0.2, 1cm)										
Labo. Sampling											
Sampling No.											

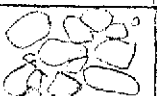
Core Sample Record (JICA Study Team)

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	30 / July / 2001
Core recorder	SUENAGA

Depth (m)	179.0	179.1	179.2	179.3	179.4	179.5	179.6	179.7	179.8	179.9	180.0		
Lithological Structure Sketch	X						X						
Lithological Symbol													
Color													
Soil Description					core	lost					20 50 pebbles (2.6 - 4mm) matrix m.s.s.	core	lost
Labo. Sampling													
Sampling No.													

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 30 / July / 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 style="font-size: 4em; transform: rotate(45deg); opacity: 0.5;">X</div> <p style="font-size: 2em; margin-top: 20px;">core lost</p>													
Lithological Symbol																		
Color	1.575/1 grey											2.5674/1 grey						
Soil Description	m - C.S mixed silt (0.6-0.7-1.0m)											Silt 40 0.2-0.5 very white (0.2-0.5-1.0m)						
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 Moheshpur
Union Fatehpur
Mouza Chandpur
Location Krishna Chandrapur

Drilling No. GeHM-1
Date 30 / July / 2001
Core recorder SUENAGA

Depth (m)	182.0	182.1	182.2	182.3	182.4	182.5	182.6	182.7	182.8	182.9	183.0		
Lithological Structure Sketch				<div style="font-size: 4em; font-weight: bold;">X</div> <p>core lost</p>									
Lithological Symbol													
Color	10Y5/1 ~ 7.5Y5/1 gray												
Soil Description	m.s. 30 182.04-06 pebbles (o.s. 3cm)												
Labo. Sampling	182.00		182.30										
Sampling No.	GeHM-1-55 (3.63 mg/kg)												

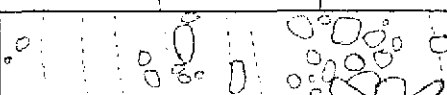
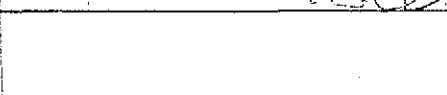
Core Sample Record (JICA Study Team)

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 30 / July / 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	X							X																																		
Lithological Symbol						X									X																											
Color													X							25 GY 5/1 siliceous grey		X																				
Soil Description																				X							50 m.s. 80 with pebbles (s.s. 0.5-2.5cm)		X													
Labo. Sampling																											X							core pebbles (s.s. 5cm)		X						
Sampling No.	X										core pebbles (s.s. 5cm)																							X								

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 30 / July / 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	X										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

core

lost

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	30 / July / 2001
Core recorder	SUENAGA

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	5Y5/1 ~ 7.5Y5/1 gray										
Soil Description	m ~ C-5 with pebbles (0.9 - 3.5 cm)										
Labo. Sampling	185.00					185.50					
Sampling No.	GeHM-1-56 (3.40 mg/kg)										

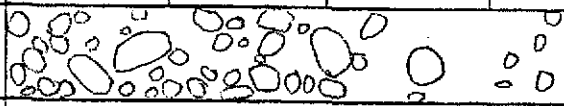
Core Sample Record (JICA Study Team)

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 30 / July / 2001
 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	X										X								
Lithological Symbol																			
Color													5Y5/1 ~ 7.5Y5/1 gray						
Soil Description						core							50 m - c.s with pebble (many 0.2, 0.5 - 4.5cm)					85 core	
Labo. Sampling																			
Sampling No.																			
						loot					loot								

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 30 / July / 2001
 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 style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <p>core</p> <p>(gravel layer)</p> </div> <div style="text-align: center;"> <p>lost</p> </div> </div>										
Lithological Symbol											
Color											
Soil Description											
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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 30 / July / 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	<div style="position: relative; height: 100%; width: 100%;"> X </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

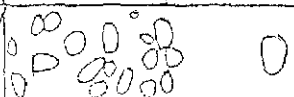
Core Sample Record (JICA Study Team)

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 30 / July / 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: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 1px solid black; transform: rotate(45deg); opacity: 0.5;"></div>								
Lithological Symbol													
Color			5YS/1 - 7.5YS/1 gray										
Soil Description	core lost		10 C.S with pebbles (many, O.G. 1-2.5cm)	30								core	lost
Labo. Sampling													
Sampling No.													

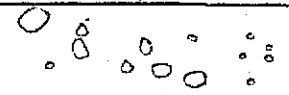
Core Sample Record (JICA Study Team)

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 30 / July / 2001
 Core recorder SUENAGA

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	X					X					
Lithological Symbol											
Color			5G Y 4 / clay grey								
Soil Description			20 m - c.s. 40 with pebbles (0.5 - 0.5 - 1.6cm)								
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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	30 / July / 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="font-size: 4em; opacity: 0.5;">X</div> <p style="font-size: 1.5em; margin-top: 20px;">core lost</p>										
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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	30 / July / 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			D	X								
Lithological Symbol												
Color	5Y5/1 grey		5GY4/1 ~ 2.5GY4/1 olive grey									
Soil Description	C-5 16 with pebbles (many, a.s. 1-3.5cm)		m-5 28 pebbles (a.s. 0.5-1cm) 192.21-28 silty									
Labo. Sampling												
Sampling No.												

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 30 / July / 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	<div style="font-size: 4em; opacity: 0.5; position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); pointer-events: none;"> core lost </div>										
Lithological Symbol											
Color											
Soil Description											
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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	30 / July / 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; bottom: 0; right: 0; border: 2px solid black; transform: rotate(45deg); transform-origin: center;"></div> <div style="position: absolute; top: 0; right: 0; bottom: 0; left: 0; border: 2px solid black; transform: rotate(-45deg); transform-origin: center;"></div> <div style="position: absolute; top: 50%; left: 30%; transform: translate(-50%, -50%); font-family: cursive;">core</div> <div style="position: absolute; top: 50%; left: 65%; 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. 196

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

Thana Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 30 / July / 2001
 Core recorder SUENAGA

Depth (m)	195.0	195.1	195.2	195.3	195.4	195.5	195.6	195.7	195.8	195.9	196.0	
Lithological Structure Sketch												
Lithological Symbol												
Color	7.5Y 5/1 gray					2.5GY 5/1 olive gray						
Soil Description	mica rich VF-S ³⁰ with pebbles (D.P. 1-2cm) 195.08-03 sand block (hard, 3-4cm) 195.15-19 silt block (4cm)					clayey Silt - Silt ⁶⁰ 195.50-55 with thin VF-S layer					core	lost
Labo. Sampling												
Sampling No.												



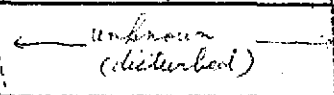

Core Sample Record (JICA Study Team)

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	30 / July / 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	X											← unknown (disturbed)				
Lithological Symbol																
Color											2.5GY 4/1 dark olive gray		2.5GY 5/1 ~ 10 Y 5/1 olive gray gray			
Soil Description						core lost					50 clay 61 with pebble (0.8, 0.6 - 1.0) 196.55-37 sand bed (hard, 2.0m) 196.50-51 s.s		Sandy Silt ~ YF-5			
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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	30 / July / 2001
Core recorder	S UENAGA

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												
Lithological Symbol												
Color	10 YS 4 gray			2.5 6Y 5/1 olive gray			10 Y 5/1 Red					
Soil Description	mica rich 197.12~13 } silt 27~29 }			31	silt 197.33~34 } 39~41 } Y 5 (fine)			63	mica rich with thin silt layer (0.5~1cm) olive gray			
Labo. Sampling				197.31			197.63					
Sampling No.				GeHM-1-57 (817mg/kg)								

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 30 / July / 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	[Hand-drawn lithological sketches showing soil layers with varying textures and patterns across the depth profile]										
Lithological Symbol	[Hand-drawn lithological symbols corresponding to the sketches above]										
Color	10Y5/1 faint grey	2.5GY5/1 fine grey	10Y5/1 grey	2.5GY5/1 ~ 10Y5/1 olive grey ~ grey							
Soil Description	Vf-fs ² micaceous	silt ¹⁷	Vf-f-s ³⁵ micaceous	Sandy Silt ~ Vf-s							
Labo. Sampling											
Sampling No.											

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	30 / July / 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	200.0	
Lithological Structure Sketch	[Vertical dashed lines representing lithological structure]											
Lithological Symbol												
Color	10Y5/1 ~ 10Y6/1 gray											
Soil Description	mica rich silty vf ~ vf.s											
Labo. Sampling	199.00				199.40							
Sampling No.	G ₂ HM-1-58 (5.06 mg/kg)											

Core Sample Record (JICA Study Team)

Sheet No. 201

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

Thana Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 01 / Aug / 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	2.5GYS1 olive gray										
Soil Description	Silt ~ Silty V-f-s										
Labo. Sampling				200.30			200.70				
Sampling No.				GeHM-1-59							

(861 mg/kg)

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	01 / Aug. / 2008
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				X							
Lithological Symbol				X							
Color		2.5GY5/1 olive gray		X			2.5GY5/1 olive gray				
Soil Description		Silt - Silty V.F.S ²⁹		core	lost	50	Silt - Silty V.F.S ⁸⁰		core	lost	
Labo. Sampling				X							
Sampling No.				X							

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 01 / Aug. / 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 style="font-size: 4em; font-weight: bold;">X</div>				
Lithological Symbol											
Color	2.5GY5/1 fine gray		2.5GY5/1 10 Y5/1 fine gray								
Soil Description	Silt - Silty Vf.S 24 202.00-03 hard		alternation of Silt and Vf.S 64 (1-7cm : 0.3-8cm)								
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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	01 / Aug. / 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	[Vertical line patterns representing lithology]											
Lithological Symbol	[Vertical line patterns representing lithology]											
Color	2.5674 / 1075 / dark olive green grey											
Soil Description	alternation of Silt and V.F.S (0.2-6cm : 0.2-8cm)											
Labo. Sampling							203.60		204.00			
Sampling No.							GeHM-1-60 (7.19 mg/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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 01 / Aug. / 2001
 Core recorder SUENAGA

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		X														
Lithological Symbol																
Color	2.5GY8/1 dark olive gray						10Y6/1 gray						2.5GY4/1 dark olive gray	10Y5/1 gray		
Soil Description	alternation 12 of Silt and V.F.S		core lost					50 alternation of Silt and V.F.S (0.2-9cm : 0.4-4cm)								
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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	01 / Aug. / 2002
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												
Lithological Symbol												
Color	2.5GY5/1 ~ 2.5GY6/1 grayish olive								2.5GY5/1 olive gray			
Soil Description	Sandy Silt with thin V.F.S layer (0.1-0.6cm, light gray)								75	Silt with thin V.F.S layer (0.2-2cm gray)		
Labo. Sampling	205.00				205.40							
Sampling No.	GeHM-1-61 (793 mg/kg)											

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	01 / Aug. / 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											
Soil Description	7.5 Y 5/2 10 Y 5/1 grayish olive gray alternation of Silt and V.F.S. (0.2 ~ 8 cm : 0.2 ~ 10 cm)										
Labo. Sampling											
Sampling No.											

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 01 / Aug. / 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	[Vertical line sketches representing soil layers]										
Lithological Symbol	[Vertical line sketches representing soil layers]										
Color	9.5% 5/2 10% 5/1 grayish olive gray										
Soil Description	alternation of Silt and VF-S (0.2-10 cm : 0.2-3cm)										
Labo. Sampling	207.00					207.50					
Sampling No.	GeHM-1-62 (4.75 mg/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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	01 / Aug. / 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
Lithological Structure Sketch											X core lost
Lithological Symbol											
Color	10Y5/2 - 10Y5/1 greyish olive grey										
Soil Description	Sandy Silt with the V.S. layer										
Labo. Sampling											
Sampling No.											

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 01 / Aug. / 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	2.5GY5/1 olive gray			10 Y5/1 gray		2.5GY5/1 olive gray					
Soil Description	alteration of Silt and V.F. S ³³ (0.2-2cm : 0.2-5cm)					Silt with thin V.F. S layer (light gray, 0.2-0.4cm) 210.46-47 2.5 block (light gray, 0.6cm)					
Labo. Sampling											
Sampling No.											

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 01 / Aug. / 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	2.5GY5/4 clay green						2.5GY5/4 ~ 5GY5/4 clay green			2.5GY5/4 10Y5/4 clay green green	
Soil Description	with thin VF s layers Silt 211.53 ~ 60 hard						60 loosey Silt 75			75 alternation of Silt and VF S (6.30 (100) 2.04-1.10m)	
Labo. Sampling	211.00					211.45					
Sampling No.	GeHM-1-63 (7.00 mg/kg)										

Core Sample Record (JICA Study Team)

Sheet No. 213

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

Thana	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	01 / Aug. / 2001
Core recorder	SUENAGA

Depth (m)	212.0	212.1	212.2	212.3	212.4	212.5	212.6	212.7	212.8	212.9	213.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5GY5/1 <i>olive gray</i>		10Y5/1 <i>gray</i>		5GY5/1 <i>olive gray</i>		2.5GY5/1 <i>olive gray</i>		5GY5/1 <i>olive gray</i>		
Soil Description	alternation of Silt and V.F.S. 35 (0.4-3cm : 0.2-6cm)				Clayey Silt 51		Silt 74		Clayey Silt		
Labo. Sampling											
Sampling No.											

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	01 / Aug / 2001
Core recorder	SUENAGA

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	2.5GY5/4 ~ 5GY5/4 olive gray										
Soil Description	Sandy Silt with thin V.S. layer (213.3-213.4 m)										
Labo. Sampling	213.00		213.40								
Sampling No.	GeHM-1-64 (9.66 mg/kg)										

Core Sample Record (JICA Study Team)

Sheet No. 215

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

Thana Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 01 / Aug. / 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	[Vertical dashed lines representing lithological structure]										
Lithological Symbol											
Color	2.56Y5/1 ~ 5.6Y5/1 olive grey										
Soil Description	Clayey Silt										
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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 01 / Aug. / 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	[Hand-drawn lithological sketch showing vertical lines representing soil layers]										
Lithological Symbol											
Color	2.5G75A ~ 5G75A light gray										
Soil Description	Clayey Silt with thin HF = layer (0.2-2cm, light gray)										
Labo. Sampling											
Sampling No.											

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	01 / Aug. / 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	[Hand-drawn lithological sketch showing vertical columns with various patterns representing soil layers]											
Lithological Symbol	[Hand-drawn lithological symbols corresponding to the sketch]											
Color	5G YS/1 slim gray											
Soil Description	Clayey Silt with thin Vt-S layer (0.2~0.4cm. frag) 216.89-95 Vt-S											
Labo. Sampling	216.00				216.40							
Sampling No.	GeHM-1-65 (5.79 mg/kg)											

Core Sample Record (JICA Study Team)

Sheet No. 218

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

Thana Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 01 / Aug. / 2002
 Core recorder SUENAGA

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	<div style="position: relative; height: 100%; width: 100%;"> core lost </div>										
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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	01 / Aug / 2001
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	2.5GY 5/1 ~ 2.5GY 6/1 dull gray											
Soil Description	Clayey Silt ~ Silt with thin V.S. layer											
Labo. Sampling							218.60					219.00
Sampling No.							GeHM-1-66 (1111 mg/kg)					

Core Sample Record (JICA Study Team)

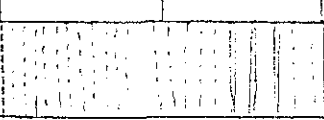
Sheet No. 220

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

Thana Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 01 / Aug. / 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	X										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											



2.5GY^{5/1} ~ 2.5GY^{6/1}
 clay gray

clayey silt ²⁰
 ~ silt
 with thin 45-5 layers

core

lost

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	02 / Aug. / 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	2, 5GY 5/1 - 5GY 5/1 10 Y 5/1 olive gray gray										
Soil Description	alternation of silt and Yf-5 (0.2-24 cm : 0.2-12 cm)										
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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 02 / Aug / 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											
Soil Description											
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 223

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

Thana Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 02 / Aug. / 2001
 Core recorder SUENAGA

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	2.5GYS1 - 5GYS1 olive gray										
Soil Description	alternation of clayey silt ~ silt and vf-s (16 ~ 23 cm : 3 ~ 15 cm)										
Labo. Sampling	85										
Sampling No.	core best										

Core Sample Record (JICA Study Team)

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	02 / Aug. / 2001
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 style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>core</p> </div> <div style="text-align: center;"> <p>lost</p> </div> </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

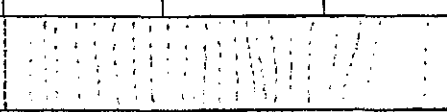
Core Sample Record (JICA Study Team)

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 02 / Aug. / 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				 core lost 																	
Lithological Symbol																					
Color	2.5GYS1 ~ 5GYS1 lim. gray																				
Soil Description	Sandy Silt ~ Silt ³²																				
Labo. Sampling	224.00												224.30								
Sampling No.	GeHM-1-67(253 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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 02 / Aug. / 2002
 Core recorder SUENAGA

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	X						[Sketch of soil structure from 225.5m to 225.7m]		[Sketch of soil structure from 225.8m to 226.0m]				
Lithological Symbol							[Symbol for 225.5m-225.7m]		[Symbol for 225.8m-226.0m]				
Color							[Color for 225.5m-225.7m]		[Color for 225.8m-226.0m]				
Soil Description							[Description for 225.5m-225.7m]		[Description for 225.8m-226.0m]				
Labo. Sampling											225.73	226.00	
Sampling No.											GeHM-1-58		

(8.85 mg/kg)

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 02 / Aug / 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	X										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

2.56Y5/1
 silty sand
 Silt
 226.15-20 hard

20

core lost

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 02 / Aug / 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							X					
Lithological Symbol												
Color	2.56 T 0/4 clayey grey		56Y 5/4 clayey grey 7.73									
Soil Description	Silt with thin thin layers (color: white/grey)		alteration of clayey silt and V-S (2-10cm - 0.5-0.8cm)									
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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 02 / Aug. / 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="font-size: 4em; transform: rotate(45deg); opacity: 0.5;">X</div>						
Lithological Symbol												
Color	5GYS1 <i>dark grey</i> 10YS1 <i>grey</i>											
Soil Description	alternation of clayey silt and V.S (1-10 cm : 0.2-2 cm)											
Labo. Sampling	228.00		228.40									
Sampling No.	GeHM-1-69											

(7.51 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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 02 / Aug. / 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	<div style="font-size: 4em; transform: rotate(45deg); opacity: 0.5;">X</div> <p>core lost</p>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	02 / Aug. / 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	10Y5/1 faint	2.5Y5/1 faint				2.5Y5/1 faint					
Soil Description	Silt hard	V.S 15				Silt with thin H.S layer					
Labo. Sampling								230.60			231.00
Sampling No.											GeHM-1-70 (6.20 mg/kg)

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 02 / Aug. / 2001
 Core recorder SUENAGA

Depth (m)	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320					
Lithological Structure Sketch		X														
Lithological Symbol																
Color	2.5GY5.4 white grey											2.5GY5.4 white grey	10Y5.4 grey			
Soil Description	Silt ¹⁰						core					50	alteration of clayey silt and V.S. (0.2~0.5cm ; 0.1~1cm)			
Labo. Sampling																
Sampling No.																

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	02 / Aug / 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											
Lithological Symbol											
Color	<div style="display: flex; justify-content: space-around;"> 2.5GYM clay. gray 10Y5Y gray </div>										
Soil Description	alternation of clayey silt and V.F.S. (1 ~ 20 cm : 0.5 ~ 16 cm)										
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 Moheshpur
 Upazila Fatehpur
 District Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 02 / Aug. / 2001
 Core recorder SUENAGA

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	[Hand-drawn lithological sketches showing soil layers with vertical and diagonal hatching]										
Lithological Symbol	[Hand-drawn lithological symbols corresponding to the sketches]										
Color	10Y5/1 grey			2.5GY5/1 olive grey			10Y5/1 grey		2.5GY5/1 ~ 5GY5/1 olive grey		
Soil Description	4F-5 with thin silt layer (0.2-1cm, purple color)			27 Clayey Silt with thin 4F-5 layer (0.1cm, grey)			35 4F-5		71 Clayey Silt ~ Silt with thin 4F-5 layer (0.2-0.3cm, grey)		
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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 02 / Aug. / 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	2.5GYS1 ~ 5GYS1 olive grey										
Soil Description	clayey silt ~ silt with thin H.S layer (0.1-0.5 m, light grey)										
Labo. Sampling	234.00		234.40								
Sampling No.	GeHM-1-7 / (868 mg/kg)										

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	02 / Aug / 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	[Hand-drawn lithological sketches showing alternating layers of silt and clay]										
Lithological Symbol	[Hand-drawn lithological symbols corresponding to the sketches]										
Color	2.5GY5.4 slim grey					10Y5.1 ~ 10Y6.1 grey					
Soil Description	alternation of clayey silt ~ silt and V.F.F.S										
Labo. Sampling											
Sampling No.											

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 02 / Aug. / 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	[Hand-drawn lithological sketch showing vertical columns representing soil layers]										
Lithological Symbol											
Color	2.5GY5/1 olive gray										
Soil Description	Clayey silt ~ Silt with thin VF-S layer (0.1-0.2m light gray) 236.00-02 VF-S										
Labo. Sampling						236.40		236.80			
Sampling No.						GeHM-1-72					

(5.33 mg/kg)

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	02 / Aug. / 2001
Core recorder	SUENRGA

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	[Hand-drawn lithological sketch showing vertical lines representing soil layers]										
Lithological Symbol	[Hand-drawn lithological symbols corresponding to the sketch]										
Color	2.5GY5/1 <i>clayey gray</i>					10Y5/1 <i>gray</i>					
Soil Description	continuation of Clayey silt ~ Silt and V-f. S (0.4 ~ 27 cm ; 0.2 ~ 4 cm)										
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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 02 / Aug. / 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	[Sketch: Vertical lines]		[X]				[Sketch: Vertical lines]		[Sketch: Vertical lines]		
Lithological Symbol	[Symbol: Vertical lines]		[X]				[Symbol: Vertical lines]		[Symbol: Vertical lines]		
Color	5GY 5/1 olive gray		[X]				10Y 5/1 ~ 10Y 6/1 gray		2.5GY 5/1 olive gray		7.5Y 5/1 ~ 10Y 5/1 gray
Soil Description	Silt ²² with thin VF-S layer (0.1-0.2m, light gray)		[X]				50 VF-S ⁷⁰ with thin silt layer (0.1-1cm, olive gray)		Silt ⁸⁸		VF-S
Labo. Sampling											
Sampling No.											

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	02 / Aug. / 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	[Vertical line sketches representing soil layers]											
Lithological Symbol	[Hand-drawn symbols for soil types]											
Color	2.5GY 5/1 <i>olive grey</i>			10B/1-10/6 <i>grey</i>		2.5GY 5/1 <i>olive grey</i>						
Soil Description	Layer Silt ~ Silt with thin H.S. layer			36	45 H.S.		Layer Silt ~ Silt with thin H.S. layer					
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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	02 / Aug. / 2001
Core recorder	SUENAGA

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							X				
Lithological Symbol											
Color	2.5675A olive green										
Soil Description	Clayey Silt - Silt with thin V.F.S layer (0.1 to 0.4m thick max)										
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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	02 / Aug. / 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	X															
Lithological Symbol																
Color						2.5 GISSA olive grey						10 YSA grey				
Soil Description						core rock					alternation of clay silt and V.F.S (0.2-10cm : 0.1-10cm)					
Labo. Sampling																
Sampling No.																

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	02 / Aug / 2001
Core recorder	SUENAGA

Depth (m)	242.0	242.1	242.2	242.3	242.4	242.5	242.6	242.7	242.8	242.9	243.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5GY 5/1 slim gray		10Y 5/1 gray		2.5GY 5/1 slim gray						
Soil Description	Clayey Silt ¹⁶ with thin V.F.S. layer (0.1~0.2cm, light gray)		V.F.S. ²⁴		Clayey Silt ~ Silt with thin V.F.S. layer (0.1~0.2cm, light gray) 242.35~37 hand						
Labo. Sampling											
Sampling No.											

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

Thana	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	02 / Aug. / 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	[Vertical lines representing lithological structure]										
Lithological Symbol											
Color	Light Grey / Silty										
Soil Description	Sandy Silt - Silty with thin V.S. Layer (0.1m thick)										
Labo. Sampling	243.00				243.40						
Sampling No.	GoHM-1-73 (8.56 mg/kg)										

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	02 / Aug. / 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 5/1 <i>clayey silt</i>										
Soil Description	10Y5/1 ~ 10Y5/1 <i>silt</i> alternation of clayey silt ~ silt and V.F.S (0.5 ~ 22cm ; 0.4 ~ 17cm)										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 246

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

Thana	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	03 / Aug. / 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	[Hand-drawn lithological sketches showing soil layers across the depth profile]											
Lithological Symbol												
Color	2.5GY5/1 dusky grey											
Soil Description	Clayey Silt ~ Silt with thin V.C.S. layer (0.2-0.5 m. light grey)											
Labo. Sampling						245.50			245.90			
Sampling No.						GeHM-1-74 (9.69 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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	03 / Aug. / 2001
Core recorder	SUENAGA

Depth (m)	246.0	246.1	246.2	246.3	246.4	246.5	246.6	246.7	246.8	246.9	247.0
Lithological Structure Sketch	[Hand-drawn lithological structure sketch showing alternating layers of clayey silt and silt]										
Lithological Symbol	[Hand-drawn lithological symbols corresponding to the sketch]										
Color	<p style="text-align: center;">2.5GY5/1 10Y5/1 clay gray gray</p>										
Soil Description	<p style="text-align: center;">alternation of Clayey Silt ~ Silt and V.S (0.5-16cm ; 2.1-6cm.)</p>										
Labo. Sampling						246.40		246.80			
Sampling No.						GeHM-1-75		(6.60 mg/kg)			

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	03 / Aug / 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	[Vertical line patterns representing lithology]										
Lithological Symbol	[Vertical line patterns representing lithology]										
Color	2.55T54 grey					10YR 4 grey					
Soil Description	alteration of clayey silt and V.S (0.5 ~ 17 cm 0.1 ~ 6 cm)									no core part	
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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	03 / Aug. / 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	[Hand-drawn lithological sketches showing alternating layers of clayey silt and silt]										
Lithological Symbol	[Hand-drawn lithological symbols corresponding to the sketches]										
Color	2.5GY5/1 10Y5/1 clayey silt silt										
Soil Description	alternation of clayey silt ~ silt and V.F.S (0.5 ~ 18 cm ; 0.1 ~ 5 cm)										
Labo. Sampling	90										
Sampling No.	core lost										

Core Sample Record (JICA Study Team)

Sheet No. 250

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

Thana Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 03 / Aug / 2002
 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	X															
Lithological Symbol																
Color						2.5GYSH olive gray						10YSH gray				
Soil Description						clay					loess 50 alternation of Silt and V.F.S (0.3 ~ 1.0 m : 1 ~ 10 cm)					
Labo. Sampling																
Sampling No.																

Core Sample Record (JICA Study Team)

Sheet No. 262

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

Thana	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	03 / Aug / 2001
Core recorder	SUENAGA

Depth (m)	251.0	251.1	251.2	251.3	251.4	251.5	251.6	251.7	251.8	251.9	252.0
Lithological Structure Sketch	[Vertical lines representing lithological structure]										
Lithological Symbol	[Blank]										
Color	2.56 Y 5/1 shin 77%										
Soil Description	Sandy Silt ~ Silt with thin H-S Layer (0.1-0.3 cm)										
Labo. Sampling				251.20			251.60				
Sampling No.	GeHM-1-76 (7.36 mg/kg)										

Core Sample Record (JICA Study Team)

Sheet No. 253

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

Thana Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 03 / Aug. / 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	2.5GY5/1 olive grey										
Soil Description	Clayey Silt ~ Silt with thin V.F.S layers (0.1-0.4, light grey) 252.34-39 V.F.S (grey)										
Labo. Sampling											
Sampling No.											

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	03 / Aug. / 2001
Core recorder	SUENAGA

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	[Hand-drawn lithological sketches showing alternating layers of clayey silt and silt]										
Lithological Symbol	[Hand-drawn lithological symbols corresponding to the sketches]										
Color	2.56 Y 5/1 clay 7% 10 Y 4/1 9%										
Soil Description	alternation of clayey silt - silt and V.F.S (0.2 ~ 11 cm ; 0.4 ~ 34 cm)										
Labo. Sampling							253.54	253.89			
Sampling No.							GeHM-1-77 (3.29 mg/kg)				

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 03 / Aug. / 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	[Hand-drawn lithological sketch showing vertical lines representing soil layers]										
Lithological Symbol											
Color	2.5GY5/1 ~ 5GY5/1 olive gray										
Soil Description	Clayey Silt ~ Silt with thin V.S. layer (0.1-3 cm. gray)										
Labo. Sampling											
Sampling No.											

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	03 / Aug. / 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	255.051 ~ 56751 olive gray					V.F.S. gray		255.751 ~ 56751 olive gray				
Soil Description	Alternation of Silt and V.F.S. (10~17cm : 4~7cm)					52	Silt with thin V.F.S. layer (olive gray) 255.65 ~ 19 V.F.S. block (gray, 11cm)					
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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 03 / Aug. / 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	2.5GY5Y ~ 5GY5Y oliv. gray											
Soil Description	Silt with thin v.f.s layer (0.1 ~ 0.2cm, gray)											
Labo. Sampling	256.00				256.40							
Sampling No.	GeHM-1-78 (6.84mg/kg)											

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	03 / Aug / 2003
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="display: flex; justify-content: space-between;"> 259.0 259.1 259.2 259.3 259.4 259.5 259.6 259.7 259.8 259.9 260.0 </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 03 / Aug / 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	X																
Lithological Symbol																	
Color												2.5GY5/1 ~ 5GY5/1 clim. gray					
Soil Description						core lost						48 Silt with thin V.F.S layer (clim. but 91%)					
Labo. Sampling																	
Sampling No.																	

Core Sample Record (JICA Study Team)

Sheet No. 260

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

Thana Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 03 / Aug / 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											
Lithological Symbol											
Color	2.5GY5/1 ~ 5GY5/1 clim gray										
Soil Description	Salt with thin 10-15 layer (10-15 cm, light gray)										
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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	04 / Aug. / 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	2.56Y5/1 olive gray											
Soil Description	Silt with thin V.S. layer (0.1-0.3cm. light gray) 260.53-56 clayey Silt (olive gray)											
Lazo. Sampling	260.00				260.40							
Sampling No.	GeHM-1-79(7.37mg/kg)											

Core Sample Record (JICA Study Team)

Sheet No. 262

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

Thana	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	04 / Aug / 2001
Core recorder	SUENAGA

Depth (m)	261.0	261.1	261.2	261.3	261.4	261.5	261.6	261.7	261.8	261.9	262.0	
Lithological Structure Sketch	[Hand-drawn lithological sketches showing soil layers across depths]											
Lithological Symbol	[Hand-drawn lithological symbols corresponding to the sketches]											
Color	2.5GY 5/1 clay grey						10Y 5/1 grey	2.5GY 5/1 clay grey				
Soil Description	Silt with thin V.F.S. lenses (0.1-1cm. light grey)						67 V.F.S.	75	Silt with thin V.F.S. lenses (0.1-0.4cm. light grey)			
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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	04 / Aug. / 2001
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	2.5GY5/1 clim gray					5GY5/1 clim gray						
Soil Description	Silt with thin V.F.S layer (0.1-0.3cm. light gray) 262.00-10 clayey silt					60	Clayey Silt with thin V.F.S layer (0.1-0.3cm. light gray) 262.84-85 silty block (hard) 1.5cm			85	core lost	
Lacc. Sampling	262.00				262.40							
Sampling No.	GeHM-1-80 (8.23 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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 04 / Aug. / 2001
 Core recorder SUENAGA

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	[Hand-drawn lithological sketch showing vertical lines representing soil layers]										
Lithological Symbol	[Hand-drawn lithological symbols: 'N' and 'N' with diagonal lines]										
Color	269.5 silty gray										
Soil Description	Silt with thin H.S. layers (calcareous, light gray) 269.20 ~ 34 } 35 ~ 41 } clayey Silt (silty gray) 40 ~ 46 }										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 271

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

Thana	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	04 / Aug / 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	2.5GY5/1 olive gray										
Soil Description	Silt with thin VF S layer (0.1-0.2cm. light gray) 270.00-03 VF-S (gray)										
Labo. Sampling											
Sampling No.											

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	04 / Aug. / 2008
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	2.56Y5/1 silty gray											
Soil Description	Silt with fine V.S. layer (0.1-0.2mm light gray) 271.54 ~ 271.7 } clayey silt (silty gray) 70 ~ 72 }											
Labo. Sampling		271.10				271.50						
Sampling No.		GeHM-1-82										

(7.97mg/kg)

Core Sample Record (JICA Study Team)

Sheet No. 273

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

Thana	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	04 / Aug / 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	[Hand-drawn lithological sketches showing soil layers with varying textures]										
Lithological Symbol	[Hand-drawn lithological symbols corresponding to the sketches]										
Color	2.5GY 5/1 olive gray										
Soil Description	Silt with thin V.F.S layer (0.1-0.2m, 90%) 272.86-91 } Heavy Silt (brown gray) 272.96-273.00 }										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 274

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

Thana Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 04 / Aug / 2001
 Core recorder SUFNAGGA

Depth (m)	222.0	222.1	222.2	223.3	223.4	223.5	223.6	223.7	223.8	223.9	224.0
Lithological Structure Sketch			/								
Lithological Symbol			/								
Color	2.5GY5/1 olive gray		/				2.5GY5/1 olive gray				
Soil Description	Silt with thin VF-3 (0.1-0.2m. light gray)		/				50 Silt with thin VF-3 layers (0.1-0.2m. light gray)				
Labo. Sampling			/								
Sampling No.			/								

Core Sample Record (JICA Study Team)

Sheet No. 275

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

Thana Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 04 / Aug. / 2001
 Core recorder SUENAGA

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	[Hand-drawn lithological sketches across the depth columns]										
Lithological Symbol	[Hand-drawn lithological symbols across the depth columns]										
Color	2.5GY5/1 olive grey									10Y5/1 - 7.5Y5/1 grey	
Soil Description	Silt with thin Vf.S layer (0.1-0.2m - light grey)									86	Vf.S
Laco. Sampling											
Sampling No.											

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	04 / Aug. / 2007
Core recorder	SUENAGA

Depth (m)	275.0	275.1	275.2	275.3	275.4	275.5	275.6	275.7	275.8	275.9	276.0
Lithological Structure Sketch	[Hand-drawn lithological sketch showing vertical patterns representing soil layers]										
Lithological Symbol											
Color	2.56Y3/1 plus gray										
Soil Description	Silt with thin V.C layer (0.1-0.2m light gray)										
Labo. Sampling							275.60		276.00		
Sampling No.							GeHM-1-83 (8.07 mg/kg)				

Core Sample Record (JICA Study Team)

Sheet No. 275

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

Thana Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 04 / Aug / 2001
 Core recorder SUENAGA

Depth (m)	277.0	277.1	277.2	277.3	277.4	277.5	277.6	277.7	277.8	277.9	278.0
Lithological Structure Sketch											
Lithological Symbol											
Color	2.5GY 5/1 slim 70%										
Soil Description	Silt with thin fine layer (0.1-0.5cm. light gray) 277.53-50 Super Silt coarse sand										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 279

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

Thana	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	04 / Aug. / 2001
Core recorder	

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												
Lithological Symbol												
Color	2.5GY5/1 clay gray					10Y5/1-7.5Y5/1 gray		2.5GY5/1 clay gray				
Soil Description	core lost	5 Silt with thin V.S. layer (0.2-0.4cm. gray)					5.5 Silty V.S.		6.5 Silt with thin V.S. layer (0.1-0.2cm. gray)			
Labo. Sampling												
Sampling No.												

Core Sample Record (JICA Study Team)

Sheet No. 280

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

Thana Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 04 / Aug. / 2001
 Core recorder SUFNAGH

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											
Lithological Symbol											
Color		2.56Y5/1 dun. gray		10Y5/1 gray			2.56Y5/1 dun. gray				10Y5/1 gray
Soil Description		Silt 23		V.F.S 37			Silt with thin V.F.S layer			72	Silt V.F.S
Labo. Sampling				279.23							
Sampling No.											

(916 mg/kg)

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	04 / Aug / 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	2.5GY5/1 olive gray						10Y5/1 ~ 10Y6/1 gray		2.5GY5/1 olive gray			
Soil Description	Silt ~ Sandy Silt with thin VF-S layer (0.1cm. light gray)						58 VF-S 7/		Silt with thin VF-S layer (0.1~0.2cm. light gray)			
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

Thana Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 04 / Aug. / 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	2.5GYS/1 olive gray										
Soil Description	Silt with thin V.F.S layer (0.1-0.3cm, light gray)										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 283

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

Thana	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	04 / Aug. / 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											
Lithological Symbol											
Color	2.5GY5/1 - 5GY5/1 <i>olive gray</i>					2.5GY5/1 - 5GY5/1 <i>olive gray</i>					
Soil Description	Silt					43 core lost 50 clayey Silt ~ Silt with thin VF-S layer (0.1~0.4 cm. gray) 282.54~57 } VF-f-s block (2~3 cm. gray) 65~67 }					
Labo. Sampling						282.50			283.00		
Sampling No.						GeHM-1-85 (7.82 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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	04 / Aug. / 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	2.5GYS/1 olive gray					10YS/1 ~ 10Y6/1 gray		2.5GYS/1 olive gray		10Y5/1 gray	
Soil Description	with thin VF-S Silt layer (0.3~1.0, gray) 282.18~21 VF-S (gray)					52 VF-S mica rich 283.57~60 clay block (olive gray, 3cm)		64 Silt 74		Sandy Silt ~ Silty VF-S mica rich	
Labo. Sampling											
Sampling No.											

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 04 / Aug. / 2001
 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	2.5GY5/1 olive gray		10Y5/1 ~ 10Y6/1 gray			2.5GY5/1 olive gray					
Soil Description	Silt 18		silty V.F.S 35 mica rich			Silt with thin V.F.S layer (0.1 ~ 0.3 cm. light gray) 284.61 ~ 67 V.F.S (gray ~ light gray)					
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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 06 / Aug. / 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												
Lithological Symbol												
Color	2SGY5/1 olive gray		10Y5/1-10Y6/1 gray		2.5GY5/1 olive gray							
Soil Description	silt ¹⁵ with thin VF.S layer		VF.S ²⁹ mica rich		Silt with thin VF.S layer (0.1-0.2 cm, light gray) 285.30-32 VF.S black 34-35 }							
Labo. Sampling							285.60			286.00		
Sampling No.							GeHM-1-86 (8.25 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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 06 / Aug / 2001
 Core recorder SUEINAGA

Depth (m)	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880
Lithological Structure Sketch	[Hand-drawn lithological sketches showing soil layers with varying textures]										
Lithological Symbol	[Hand-drawn lithological symbols corresponding to the sketches]										
Color	255YR4 dusky gray	10YR4-10YR6 gray				2.5YR2.4 dusky gray				10YR4 gray	
Soil Description	Silt	medium clay				silt with thin clay layers (occasional silty clay)				92 silty V.S	
Labo. Sampling		287.11				287.47					
Sampling No.	GeHM-1-87 (3.40 mg/kg)										

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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 06 / Aug. / 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	[Hand-drawn lithological sketches showing soil layers and boundaries]										
Lithological Symbol	[Hand-drawn lithological symbols corresponding to the sketches]										
Color	10Y5/1 ~ 10Y6/1 gray		2.5BYS/1 olive gray			10Y5/1 gray		2.5BYS/1 olive gray			
Soil Description	Yf.S micaceous		Silt 42			core lost 50		Silty Yf.S 62			
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 290

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

Thana	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	06 / Aug. / 2001
Core recorder	SUENAGA

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											
Lithological Symbol											
Color	2.56 YS 1 silty gray										
Soil Description	Silt with thin v.f.s layer (0.12 m - light gray)										
Labo. Sampling	289.28 ~ 33 } 62 ~ 72 } silty v.f.s (with very black - gray - light gray)										
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 291

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

Thana	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	06 / Aug. / 2001
Core recorder	SUEANAGA

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												
Lithological Symbol												
Color	2.5GY5/1 olive gray			10Y5/1 - 10Y6/1 gray			2.5GY5/1 olive gray		10Y5/1 ~10Y6/1	2.5GY5/1 olive gray		
Soil Description	Silt ³⁰ with thin VF-S layer (0.1~0.3cm. gray - light gray)			mica rich VF-S			Silt ⁷⁸		83 VF-S	Silt with thin VF-S layer (0.1~0.3cm. gray)		
Labc. 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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 06 / Aug. / 2002
 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	[Hand-drawn lithological sketches for each depth interval]										
Lithological Symbol	[Hand-drawn lithological symbols for each depth interval]										
Color	2.5GYS/1	10YS/1-10YS/1 grey	2.5GYS/1 olive grey			2.5GYS/1 ~ 5GYS/1 olive grey		7.5YS/1 grey	2.5GYS/1 ~ 5GYS/1 olive grey		
Soil Description	Silt with fine f.S. layer (0.1-0.3m, grey)	VS-S	Silt			clayey Silt		Silty VS-S	clay with thin VS-S layer (0.1-0.3m, grey)		
Labo. Sampling									291.75		292.00
Sampling No.											GeHM-1-88 (7.83 mg/kg)

Core Sample Record (JICA Study Team)

Sheet No. 293

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

Thana	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	06 / Aug. / 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											
Lithological Symbol											
Color	2.5G YS1 / olive green		10Y5/1 ~ 10Y2/1 / gray		2.5G YS1 / olive gray		10Y5/1 ~ 10Y4/1 / gray				
Soil Description	clay // with thin V.S (0.2cm. gray)		Yf-S		clayey silt		mica rich Yf-S			93	core limit
			292.27-29 trace fossil (4/cm)				292.73-77 pebbles (silt. 1cm) with silt layer (brown, 0.3-0.6cm)				
			292.25-27 } silt								
			292.20-21 }								
			292.34-37 }								
Labo. Sampling						292.48			292.93		
Sampling No.						GeHM-1-89 (1.08 mg/kg)					

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	06 / Aug. / 2002
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												
Lithological Symbol												
Color	১০৫৭ ১০৫৮ ১০৫৯	১০৬০ ১০৬১ ১০৬২	১০৬৩ ১০৬৪ ১০৬৫	১০৬৬ ১০৬৭ ১০৬৮	১০৬৯ ১০৭০ ১০৭১	১০৭২ ১০৭৩ ১০৭৪	১০৭৫ ১০৭৬ ১০৭৭	১০৭৮ ১০৭৯ ১০৮০	১০৮১ ১০৮২ ১০৮৩	১০৮৪ ১০৮৫ ১০৮৬	১০৮৭ ১০৮৮ ১০৮৯	১০৯০ ১০৯১ ১০৯২
Soil Description	৭ VLS	১৫ Silt	২১ clayey Silt	৩৮ VLS	৪৫ Silt	৫১ Silt	৬৮ Sandy Silt	৭৫ Sandy Silt	৮২ Sandy Silt	৯০ Sandy Silt	৯৬ Sandy Silt	১০৩ Sandy Silt
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 Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 06 / Aug / 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	X							(S)							
Lithological Symbol															
Color										2.5GYSA clay gray		2.5GYSA 10Y5/1 clay gray			
Soil Description						core		lost		55 Sandy silt		74		alternation of Sandy silt and V.S.S (1-1.5m : 6-10m)	
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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	06 / Aug. / 2002
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	[Hand-drawn lithological sketches showing vertical columns of varying patterns representing soil layers]										
Lithological Symbol	[Hand-drawn lithological symbols corresponding to the sketches above]										
Color	2.5GY5/1 olive gray										
Soil Description	295.34-39 V.F.S (grey) Silt with thin V.F.S layer (about 3cm. light grey) 295.40-58 clayey Silt (olive grey)										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 297

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

Thana Moheshpur
 Union Fatehpur
 Mouza Chandpur
 Location Krishna Chandrapur

Drilling No. GeHM-1
 Date 06 / Aug. / 2004
 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	[Hand-drawn lithological sketch showing vertical lines representing soil layers]										
Lithological Symbol	[Blank]										
Color	2.55YS/1 olive gray										
Soil Description	Silt with thin VF-S layer (0.1-0.4 m light gray) 296.55-59 VF-S (gray)										
Labo. Sampling	296.00					296.50					
Sampling No.	GeHM-1-90 (8.99 mg/kg)										

Core Sample Record (JICA Study Team)

Sheet No. 298

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

Thana	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	06 / Aug / 2001
Core recorder	SUENAGA

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	[Hand-drawn lithological sketches showing soil layers with varying textures]										
Lithological Symbol	[Hand-drawn lithological symbols corresponding to the sketches]										
Color	2.36YR 4/1 olive grey 10YR 5/1 ~ 10YR 6/1 grey										
Soil Description	alteration of silt and cf. s (2 ~ 25 cm) (0.2 ~ 12 cm) 299.16 ~ 3 Silt V f-3										
Labo. Sampling											
Sampling No.											

Core Sample Record (JICA Study Team)

Sheet No. 299

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

Thana	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	06 / Aug. / 2001
Core recorder	SUENAGA

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			X								
Lithological Symbol											
Color	5Y 4/2 <small>grayish olive</small>	10Y 5/1 ~ 7.5Y 5/1 <small>gray</small>									
Soil Description	Silt ⁷	Silty Y.F.S. ²⁰ ~ V.F.S.									
Labo. Sampling											
Sampling No.											

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	Moheshpur
Union	Fatehpur
Mouza	Chandpur
Location	Krishna Chandrapur

Drilling No.	GeHM-1
Date	06 / Aug. / 2007
Core recorder	SUENAGA

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	<div style="position: relative; width: 100%; height: 100%; border: 1px solid black;"> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 2px solid black; transform: rotate(45deg); transform-origin: center;"></div> <div style="position: absolute; top: 0; right: 0; left: 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-family: cursive; font-size: 2em;"> core lost </div> </div>										
Lithological Symbol											
Color											
Soil Description											
Labo. Sampling											
Sampling No.											