

BANGLADESH WATER DEVELOPMENT BOARD															
GROUNDWATER HYDROLOGY															
GROUNDWATER HYDROLOGY DIVISION-II															
FIELD BORE LOG															
PROJECT: Soil Boring for the construction of four Sluices at Bainhasal, Kulutia, Chumukhali, and Khajurdanga under Satkhira Sadar and Asishashuni Upazila of Satkhira O&M Division-2, BWDB, Satkhira.										SITE- Kulutia Binerpota Site.					
LOCATION: Kulutia Binerpota Site.										P.S: Satkhira Sadar.					
CLIENT: XEN, Satkhira O&M Division-2, BWDB, Satkhira.										HOLE NO-04					
DATE STARTED: 16.11.2021										WATER LEVEL: 1.6"					
DRILLED BY: GWHB-II										DATE: 17.11.2021					
UNIT: Rtg-21										TOTAL DEPTH: 72 Ft.					
No of Sample	Type of Sample	Scale	LITHOLOGICAL DESCRIPTION	PHYSICAL			DISTURBED SAMPLES			PENETRATION TEST		INDEX			
				DENSITY	COLOR	MOISTURE	DILATANCY	BLOWS ON SPOON	BLOWS ON CASING	NO OF BLOWS PER 1 FT PENET	REMARKS				
D1	5		Clay	Very Soft	Grey	M O I S T	Plastic	0	6	12	18	0	12	S.P.L. = 4.50m Long Sand Pile  Semi-Plastic	
D2	10							1	1	1	1				
D3	15			1				1	2	4					
D4	20			1				1	2	4					
D5	25		Clay Little Silt	Soft			S.P.L.	Non-Plastic	4	7	10	15			
D6	30								5	7	12	16			
D7	35			6					8	12	16				
D8	40			6					9	10	14				
D9	45		Very Fine Sand Some Silt and Mica	Medium Dense			S.P.L.	Non-Plastic	5	9	10	12			
D10	50								5	8	9	11			
D11	55			6					8	10	10				
D12	60			6					9	10	11				
D13	65		Fine Sand Some Very Fine Sand and Mica						7	10	14	16			
D14	70								9	14	15	18			

*Signature*  
09.01.2022  
Md. Mostak Ali  
Geologist  
Ground Water Hydrology Division-2  
BWDB, 72, Green Road, Dhaka-1205

BORE LOG BH-03

BANGLADESH WATER DEVELOPMENT BOARD														
GROUNDWATER HYDROLOGY														
GROUNDWATER HYDROLOGY DIVISION-II														
FIELD BORE LOG														
PROJECT: Soil Boring for the construction of four sluices at Bainhasal, Kulutia, Chumukhali, and Khajurdanga under Satkhira Sadar and Asheshnuri Upazila of Satkhira O&M Division-2, BWDB, Satkhira.				SITE - Kulutia Binerpota Site.				DIST. Satkhira						
LOCATION: Kulutia Binerpota Site.				P.S. Satkhira Sadar.				HOLE NO-06						
CLIENT: XEN, Satkhira O&M Division-2, BWDB, Satkhira.				WATER LEVEL-4.0'				GROUND LEVEL (+11.147 m.						
DATE STARTED-16.11.2021				OF DATE-19.11.2021				AT 08 HRS						
DRILLED BY: GWHB-II				UNIT: Rtg-21				TOTAL DEPTH 72 FT.						
No of Sample	Type of Sample	Scale	LITHOLOGICAL DESCRIPTION	PHYSICAL			DISTURBED SAMPLES			PENETRATION TEST		INDEX		
				DENSITY	COLOR	MOISTURE	DILATANCY	BLOWS ON SPOON	BLOWS ON CASING	NO OF BLOWS PER 1 FT PENET	<div><div></div><div>Disturb</div></div> <div><div></div><div>Undisturb</div></div>			
D1	5		Clay	Very Soft	Grey	M O I S T	Plastic	0	6	12	18	0	12	
D2	10							6	12	18	24	12	24	
D3	15							1	1	1	2			
D4	20							1	1	1	1			
D5	25		Clay Little Silt	Stiff		Semi-Plastic	Non-Plastic	3	4	6	10			<div>4.5m Long Sand Pile</div>
D6	30							3	5	8	9			
D7	35							4	6	8	10			
D8	40							5	10	12	15			
D9	45		Very Fine Sand Some Silt and Mica	Medium Dense		M O I S T	Non-Plastic	6	12	14	18			
D10	50							6	10	11	14			
D11	55							5	10	12	13			
D12	60							6	9	10	14			
D13	65		Fine Sand Some Very Fine Sand and Mica					8	10	14	15			
D14	70							8	12	16	18			
							10	13	16	20				

Disturb

Undisturb

4.5m Long Sand Pile

09.01.2022

Md. Mostak Ali

Geologist

Ground Water Hydrology Division-2

BWDB, 72, Green Road, Dhaka-1205

*Signature*  
09.01.2022  
Md. Mostak Ali  
Geologist  
Ground Water Hydrology Division-2  
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BORE LOG BH-05

Bangladesh Water Development Board	
Office of the Superintending Engineer	
Design Circle-8	
DESIGN OF DRAINAGE CUM FLUSHING REGULATOR.	
2-VENT(1.50mX1.80m) ON KULUTIA KHAL AT KM 35.00 IN POWDER NO-6-8(EXT)	
IN SATKHIRA DISTRICT, UNDER SATKHIRA O&M DIVISION-2, BWDB, SATKHIRA.	
DESIGNED BY :	APPROVED BY :
(SAKIB BIN RAFTI, AE	
CHECKED & RECOMMENDED BY :	
(JAKARIA PERVEZ, EE	(MOHAMMAD SAIF UDDIN ), SE
DATE:	DWG. NO.:DC-8-0000-03/21