SAMPLING LOG

CLIENT: Yachiyo Engineering Co. ltd. , Japan
(Study team of JICA)

LOCATION:
C13: Gadaghata Government Primary School,
Union - Ramna, Upazila - Bamna,
District - Barguna.
Code No. 504040306.

PROJECT:
Contruction of multi purpose cyclone shelter in SIDR affected area of Bangladesh funded by JICA.

Existing Ground Level (EGL): 1.035 m (PWD)

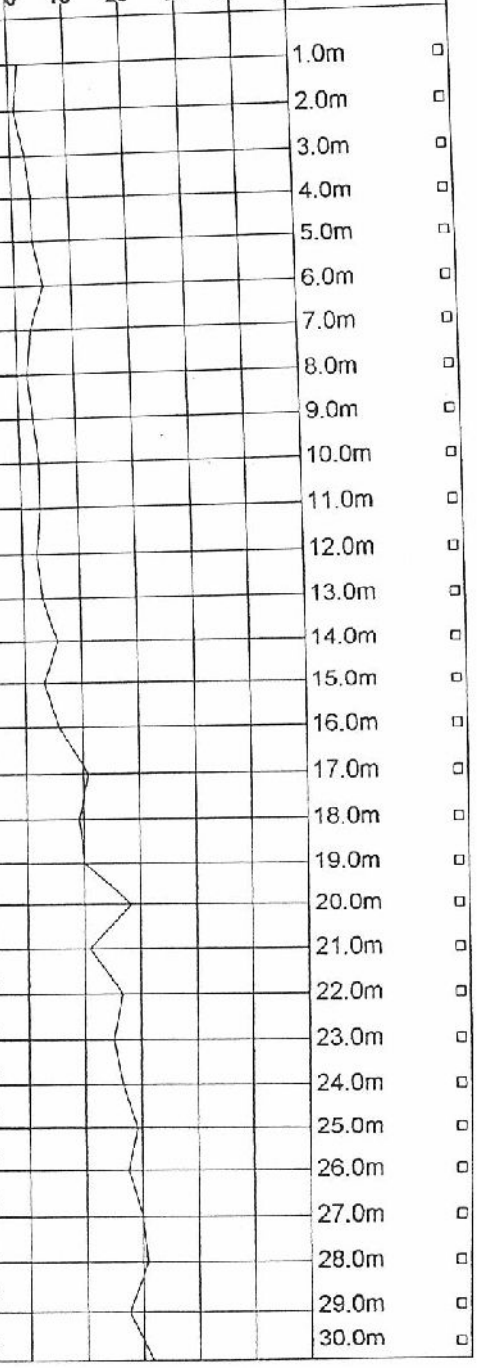
BORE HOLE NO: 01

Date of Drilling: 31 / 03 / 2006 GWT from EGL: - 4.2m

☐ Disturbed

Number of sample	Depth (m)	Thickness of strata (m)	DESCRIPTION OF SOIL STRATA	Graphical symbol of soil	SPT BLOWS 0.15m	0.15m	0.15m	0.3m
D - 1		16.5	Gray very soft to medium stiff SILT, some clay, trace fine sand.		1	1	1	2
D - 2					1	0	1	1
D - 3					1	1	2	3
D - 4					1	2	2	4
D - 5					1	2	2	4
D - 6					2	3	3	6
D - 7					1	1	2	3
D - 8					1	1	1	2
D - 9					1	1	2	3
D-10					1	2	2	4
D-11					1	2	2	4
D-12					1	1	2	3
D-13					1	2	2	4
D-14					2	3	4	7
D-15					1	2	2	4
D-16	16.5				2	3	4	7
D-17		14.5	Grey medium dense fine SAND, some silt, trace clay.		4	6	7	13
D-18					3	5	6	11
D-19					4	5	7	12
D-20					5	8	10	18
D-21					4	6	7	13
D-22					5	7	9	16
D-23					4	6	10	14
D-24					5	6	8	16
D-25					7	8	11	19
D-26					7	6	11	17
D-27					6	8	12	20
D-28					7	9	12	21
D-29					6	7	10	17
D-30	30.0				4	10	13	22

PENETRATION CURVE



SANDY SILT SILTY CLAY

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SAMPLING LOG

CLIENT: Yachiyo Engineering Co. ltd. , Japan (Study team of JICA)

PROJECT:
Contruction of multi purpose cyclone shelter in SIDR affected area of Bangladesh funded by JICA.

LOCATION:
D4: Sonakhali.Government Primary School Union - Putikhali, Upazila- Morrelgonj, District-Bagerhat.
Code No. 210070403.

BORE HOLE NO: 01

Existing Ground Level (EGL): 2.297 m (PWD)

Date of Drilling: 24/03/2008 GWT from EGL:-4.297m

Number of sample	Depth (m)	Thickness of strata (m)	DESCRIPTION OF SOIL STRATA	Graphical symbol of soil	SPT BLOWS 0.15m	0.15m	0.15m	0.3m	PENETRATION CURVE 0 10 20 30 40 50		☐ Disturbed
D - 1			Grey very soft SILT, some clay, trace fine sand.		1	1	1	2		1.0m	☐
D - 2					0	1	1	2		2.0m	☐
D - 3					0	1	1	2		3.0m	☐
D - 4					0	1	1	2		4.0m	☐
D - 5					0	0	1	1		5.0m	☐
D - 6					0	1	1	2		6.0m	☐
D - 7					1	1	1	2		7.0m	☐
D - 8	8.5	8.5			1	1	1	2		8.0m	☐
D - 9			Grey very soft to stiff clayey SILT, with fine sand.		2	2	2	4		9.0m	☐
D-10					1	1	2	3		10.0m	☐
D-11					1	1	1	2		11.0m	☐
D-12					2	2	2	4		12.0m	☐
D-13					2	2	3	5		13.0m	☐
D-14					2	2	3	5		14.0m	☐
D-15					2	3	3	6		15.0m	☐
D-16					2	3	4	7		16.0m	☐
D-17	17.5	9.0			2	4	4	8		17.0m	☐
D-18			Grey loose to medium dense fine SAND, some silt, little clay.		3	4	6	10		18.0m	☐
D-19					2	5	6	11		19.0m	☐
D-20					3	6	6	12		20.0m	☐
D-21					3	5	5	10		21.0m	☐
D-22					2	5	6	11		22.0m	☐
D-23					2	4	4	8		23.0m	☐
D-24					2	4	4	8		24.0m	☐
D-25					2	4	5	9		25.0m	☐
D-26					3	5	5	10		26.0m	☐
D-27					2	4	4	8		27.0m	☐
D-28					2	4	5	9		28.0m	☐
D-29					3	5	6	11		29.0m	☐
D-30	30.0	12.5			3	5	6	11		30.0m	☐

SILT SAND CLAY

SAMPLING LOG

CLIENT: Yachiyo Engineering Co. ltd. , Japan (Study team of JICA)

PROJECT:
Contruction of multi purpose cyclone shelter in SIDR affected area of Bangladesh funded by JICA.

LOCATION:
D5: 80 NoB. Pathtamara Government Primary School Union - Hoglabunia, Upazila- Morrelgonj, District-Bagerhat.
Code No. 21007106.

BORE HOLE NO: 01

Existing Ground Level (EGL): 2.557 m (PWD)

Date of Drilling: 24/03/2008 | GWT from EGL:-4.557m

Number of sample	Depth (m)	Thickness of strata (m)	DESCRIPTION OF SOIL STRATA	Graphical symbol of soil	SPT BLOWS 0.15m	0.15m	0.15m	0.3m	PENETRATION CURVE (0 10 20 30 40 50)	Disturbed
D - 1			Grey very soft to stiff SILT, some clay, trace fine sand.		1	2	3	5		1.0m ☐
D - 2					0	1	1	2		2.0m ☐
D - 3					0	0	1	1		3.0m ☐
D - 4					1	1	1	2		4.0m ☐
D - 5					1	1	1	2		5.0m ☐
D - 6					0	1	1	2		6.0m ☐
D - 7					1	1	1	2		7.0m ☐
D - 8	8.5	8.5			1	2	2	4		8.0m ☐
D - 9			Grey stiff clayey SILT, with fine sand.		4	6	9	15		9.0m ☐
D-10					5	7	9	16		10.0m ☐
D-11					3	6	6	12		11.0m ☐
D-12					3	5	6	11		12.0m ☐
D-13					2	4	5	9		13.0m ☐
D-14	14.5	6.0			2	4	4	8		14.0m ☐
D-15			Grey medium dense fine SAND,some silt, little clay.		4	6	10	16		15.0m ☐
D-16					5	7	11	18		16.0m ☐
D-17					3	6	7	13		17.0m ☐
D-18					3	5	6	11		18.0m ☐
D-19					3	6	6	12		19.0m ☐
D-20					2	4	6	10		20.0m ☐
D-21					3	5	6	11		21.0m ☐
D-22					4	6	9	15		22.0m ☐
D-23					4	7	8	15		23.0m ☐
D-24					4	6	6	12		24.0m ☐
D-25					4	6	7	13		25.0m ☐
D-26					3	7	8	15		26.0m ☐
D-27					4	7	7	14		27.0m ☐
D-28					4	6	7	13		28.0m ☐
D-29					5	7	8	15		29.0m ☐
D-30	30.0	15.5			5	7	9	16		30.0m ☐

SILT SAND CLAY

SAMPLING LOG

CLIENT: Yachiyo Engineering Co. ltd. , Japan (Study team of JICA)

PROJECT:
Contruction of multi purpose cyclone shelter in SIDR affected area of Bangladesh funded by JICA.

LOCATION:
D6: 31 No small kumerkhali Government Primary School, Union - Ramchandrapur, Upazila- Morrelgonj, District-Bagerhat. Code No. 210070202.

BORE HOLE NO: 01

Existing Ground Level (EGL): 2.85 m (PWD)

Date of Drilling: 24/03/2008 | GWT from EGL: -4.85 m

Number of sample	Depth (m)	Thickness of strata (m)	DESCRIPTION OF SOIL STRATA	Graphical symbol of soil	SPT BLOWS 0.15m	0.15m	0.15m	0.3m	PENETRATION CURVE (0 10 20 30 40 50)	☐ Disturbed
D - 1			Grey very soft to medium stiff SILT, some clay, trace fine sand.		1	1	2	3		1.0m ☐
D - 2					0	0	1	1		2.0m ☐
D - 3					1	2	4	6		3.0m ☐
D - 4					0	1	1	2		4.0m ☐
D - 5					0	0	1	1		5.0m ☐
D - 6					1	1	1	2		6.0m ☐
D - 7					1	1	2	3		7.0m ☐
D - 8					1	2	2	4		8.0m ☐
D - 9					1	2	3	5		9.0m ☐
D-10					1	2	2	4		10.0m ☐
D-11	11.5	11.5			1	2	3	5		11.0m ☐
D-12			Grey stiff clayey SILT, with fine sand.		1	3	5	8		12.0m ☐
D-13					2	3	6	9		13.0m ☐
D-14					2	4	6	10		14.0m ☐
D-15					3	5	6	11		15.0m ☐
D-16					4	5	7	12		16.0m ☐
D-17	17.5	6.0			4	7	7	14		17.0m ☐
D-18			Grey medium dense fine SAND,some silt, little clay.		6	7	10	17		18.0m ☐
D-19					6	10	10	20		19.0m ☐
D-20					7	12	14	26		20.0m ☐
D-21					9	14	16	30		21.0m ☐
D-22					8	15	16	31		22.0m ☐
D-23					8	14	15	29		23.0m ☐
D-24					7	11	14	25		24.0m ☐
D-25					7	10	16	26		25.0m ☐
D-26					7	12	14	26		26.0m ☐
D-27					6	10	14	24		27.0m ☐
D-28					5	11	14	25		28.0m ☐
D-29					6	10	12	22		29.0m ☐
D-30	30.0	12.5			5	9	11	20		30.0m ☐

SILT SAND CLAY

SAMPLING LOG

CLIENT: Yachiyo Engineering Co. ltd. , Japan (Study team of JICA)

PROJECT:
Contruction of multi purpose cyclone shelter in SIDR affected area of Bangladesh funded by JICA.

LOCATION:
D7: 13 No South Kharykhali Government Primary School, Union - Panchakaron, Upazila- Morrelgonj, District-Bagerhat.
Code No. 21007038.

BORE HOLE NO: 01

Existing Ground Level (EGL): 1.20 m (PWD)

Date of Drilling: 24/03/2008 | GWT from EGL: - 2.0m

Number of sample	Depth (m)	Thickness of strata (m)	DESCRIPTION OF SOIL STRATA	Graphical symbol of soil	SPT BLOWS 0.15m	0.15m	0.15m	0.3m	PENETRATION CURVE (0 10 20 30 40 50)	Disturbed
D - 1			Grey very soft to medium stiff CLAY, some silt, trace fine sand.		1	1	1	2	1.0m	☐
D - 2					1	1	1	2	2.0m	☐
D - 3					0	0	1	1	3.0m	☐
D - 4					0	0	1	1	4.0m	☐
D - 5					0	0	1	1	5.0m	☐
D - 6					1	1	1	2	6.0m	☐
D - 7					1	1	1	2	7.0m	☐
D - 8					0	1	1	2	8.0m	☐
D - 9					1	1	2	3	9.0m	☐
D-10					1	2	2	4	10.0m	☐
D-11	11.5	11.5			1	2	3	5	11.0m	☐
D-12			Grey medium dense to dense fine SAND, some silt, little clay.		6	10	11	21	12.0m	☐
D-13					10	15	20	35	13.0m	☐
D-14					11	16	21	37	14.0m	☐
D-15					9	11	15	27	15.0m	☐
D-16	16.5	5.0			4	5	7	12	16.0m	☐
D-17			Grey stiff clayey SILT, with fine sand.		3	5	5	10	17.0m	☐
D-18					2	2	4	6	18.0m	☐
D-19					2	2	5	7	19.0m	☐
D-20	20.5	4.0			2	3	3	6	20.0m	☐
D-21			Grey medium dense fine SAND,some silt, little clay.		3	6	8	14	21.0m	☐
D-22					4	7	10	17	22.0m	☐
D-23					5	10	10	20	23.0m	☐
D-24					3	5	6	11	24.0m	☐
D-25					4	6	6	12	25.0m	☐
D-26					3	7	7	14	26.0m	☐
D-27					6	10	13	23	27.0m	☐
D-28					4	7	7	14	28.0m	☐
D-29					3	6	9	15	29.0m	☐
D-30	30.0	19.5			4	7	10	17	30.0m	☐

SAMPLING LOG

CLIENT: Yachiyo Engineering Co. ltd. , Japan (Study team of JICA)

PROJECT:
Contruction of multi purpose cyclone shelter in SIDR affected area of Bangladesh funded by JICA.

LOCATION:
D8: Bergazalia Government Primary School, Union - Bemorta, Upazila- Sadar, District-Bagerhat.
Code No. 210040210.

BORE HOLE NO: 01

Existing Ground Level (EGL): 2.33 m (PWD)

Date of Drilling: 24/03/2008 | GWT from EGL: -4.33 m

Number of sample	Depth (m)	Thickness of strata (m)	DESCRIPTION OF SOIL STRATA	Graphical symbol of soil	SPT BLOWS 0.15m	0.15m	0.15m	0.3m	PENETRATION CURVE (0 10 20 30 40 50 60 70 80 90)	Disturbed
D - 1			Grey very soft SILT, some clay, trace fine sand.		0	0	1	1		1.0m ☐
D - 2					0	0	1	1		2.0m ☐
D - 3					0	0	1	1		3.0m ☐
D - 4					0	0	1	1		4.0m ☐
D - 5					0	0	1	1		5.0m ☐
D - 6					0	1	1	2		6.0m ☐
D - 7					0	1	1	2		7.0m ☐
D - 8	8.5	8.5			1	1	1	2		8.0m ☐
D - 9			Grey medium stiff to stiff clayey SILT, with fine sand.		4	6	8	14		9.0m ☐
D-10					2	4	4	8		10.0m ☐
D-11	11.5	3.0			2	2	3	5		11.0m ☐
D-12			Grey medium dense to very dense fine SAND, some silt, little clay.		6	10	11	21		12.0m ☐
D-13					11	15	16	31		13.0m ☐
D-14					12	17	20	37		14.0m ☐
D-15					12	20	22	42		15.0m ☐
D-16					12	19	20	39		16.0m ☐
D-17					10	17	24	41		17.0m ☐
D-18					12	22	24	46		18.0m ☐
D-19					10	19	22	41		19.0m ☐
D-20					11	20	22	42		20.0m ☐
D-21					10	21	23	44		21.0m ☐
D-22					9	17	19	36		22.0m ☐
D-23					10	18	20	38		23.0m ☐
D-24					9	17	20	37		24.0m ☐
D-25					10	17	26	43		25.0m ☐
D-26					13	23	47	70		26.0m ☐
D 27					12	26	45	71		27.0m ☐
D-28					15	32	44	76		28.0m ☐
D-29					14	35	45	80		29.0m ☐
D-30	30.0	18.5			17	40	43	83		30.0m ☐

SILT SAND CLAY

SAMPLING LOG

CLIENT: Yachiyo Engineering Co. ltd. , Japan (Study team of JICA)

PROJECT:
Contruction of multi purpose cyclone shelter in SIDR affected area of Bangladesh funded by JICA.

LOCATION:
D10: Chandpai Government Primary School, Union - Chandpai, Upazila- Mongla, District-Bagerhat.
Code No. 210060203.

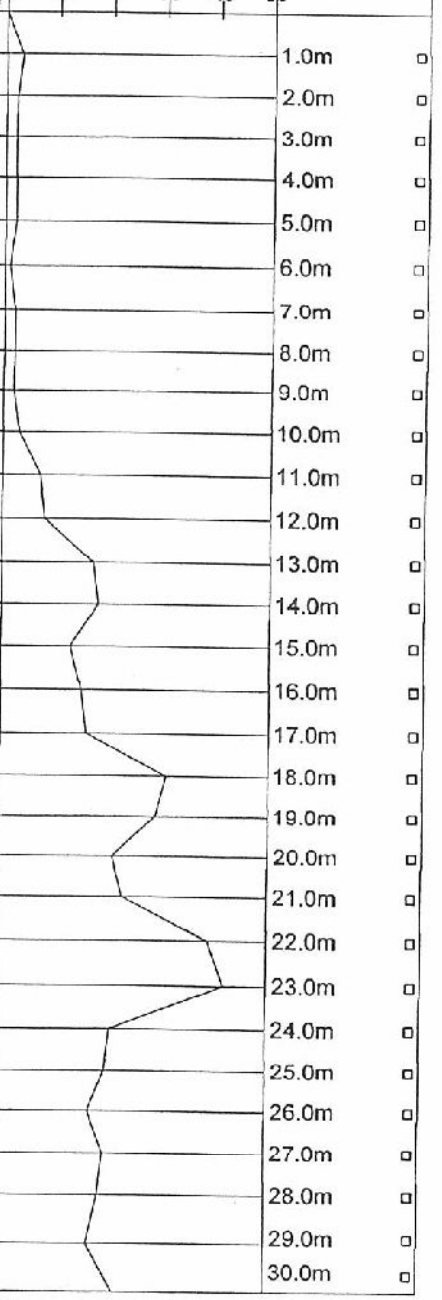
BORE HOLE NO: 01

Existing Ground Level (EGL): 2.56 m (PWD)

Date of Drilling: 24/03/2008 | GWT from EGL: -4.56m

☐ Disturbed

Number of sample	Depth (m)	Thickness of strata (m)	DESCRIPTION OF SOIL STRATA	Graphical symbol of soil	SPT BLOWS 0.15m	0.15m	0.15m	0.3m
D - 1			Grey very soft to soft CLAY,some silt, trace fine sand.		1	1	2	3
D - 2					1	1	1	2
D - 3					1	1	1	2
D - 4					1	1	1	2
D - 5					0	1	1	2
D - 6					0	0	1	1
D - 7					1	1	1	2
D - 8					1	1	1	2
D - 9					1	1	1	2
D-10	10.5	10.5			1	1	2	3
D-11			Grey loose to dense fine SAND,some silt, little clay.		2	3	4	7
D-12					3	3	5	8
D-13					4	7	10	17
D-14					5	8	10	18
D-15					3	5	7	12
D-16					4	6	8	14
D-17					4	7	8	15
D-18					8	12	18	30
D-19					7	12	16	28
D-20					6	8	11	19
D-21					7	9	12	21
D-22					8	17	20	37
D-23					10	20	20	40
D-24					6	9	12	21
D-25					5	8	12	20
D-26					6	8	9	17
D-27					5	9	11	20
D-28					4	8	11	19
D-29					5	8	9	17
D-30	30.0	19.5			6	10	12	22



SAND CLAY