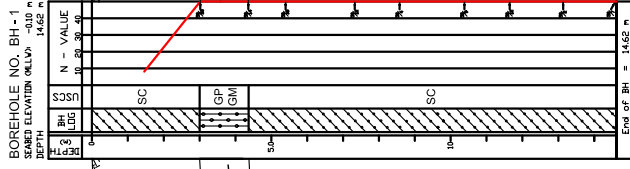
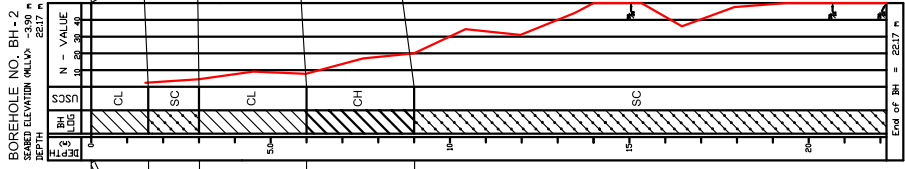
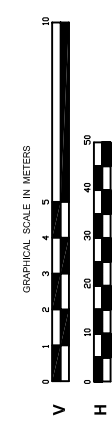
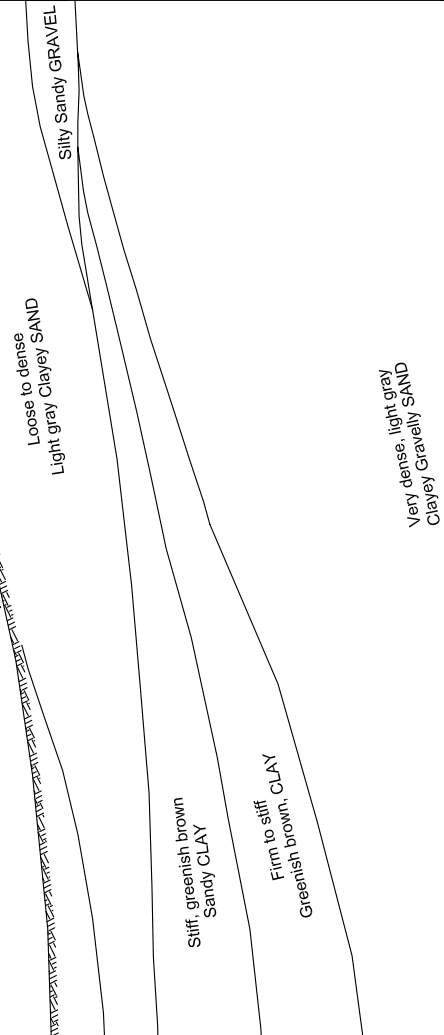


			<p>CONTRACTOR</p>	<p>PROJECT NAME</p>	<p>DRAWING TITLE</p>	<p>PREPARED BY :</p>	<p>CHECKED BY :</p>	<p>APPROVED BY :</p>	<p>SHEET NO</p>
<p>The Overseas Coastal Area Dev't of Japan Pacific Consultants International (PCI)</p>	<p>Technotest incorporated</p>	<p>THE FEASIBILITY STUDY FOR THE DEVT. OF ROAD RO-HO TERMINAL SYSTEM FOR MOBILITY ENHANCEMENT IN THE REPUBLIC OF THE PHILIPPINES</p>	<p>FIGURE 2 BOREHOLE LOCATION PLAN PORT OF CULASI, AJUY, ILOILO</p>	<p>DENNIS CALDERON</p>	<p>MANUEL T. VILLAFUERTE</p>	<p>JOSE LEOPOLDO P. FAJARDO</p>	<p>1</p>	<p>1</p>	

ELEV. IN METERS



SEABED



The Overseas Coastal Area Dev't of Japan Pacific Consultants International (PCI)	JICA Study Team	CONTRACTOR Technotest incorporated	PROJECT NAME THE FEASIBILITY STUDY FOR THE DEVT. OF ROAD RO-HO TERMINAL SYSTEM FOR MOBILITY ENHANCEMENT IN THE REPUBLIC OF THE PHILIPPINES	DRAWING TITLE FIGURE 2 SOIL PROFILE A - A' PORT OF CULASI, AJUY, LOLO	PREPARED BY : DENNIS CALDERON	CHECKED BY : MANUEL T. VILLAFUERTE	APPROVED BY : JOSE LEOPOLDO P. FAJARDO	SHEET NO.
---	-----------------	---	---	--	----------------------------------	---------------------------------------	---	---------------

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS

A - 1a

PROJECT: FSDRRTSMERP
 LOCATION: Port of Culasi, Ajuy, Iloilo
 BH NO.: BH-1 DATE DRILLED: Jun. 13 - 14, 2007

Elev. (MLLW) -0.10
 Weather: F A I R
 Northing: 1220214.00
 Easting: 519965.00

Depth of Water: 0.93 m
 Date Measured: 14 Jun. 2007
 Time Measured: 2:30 PM

DEPTH (m)	SAMPLE NO.	RECOVERY (%)	LOG SYMBOL	CLASSIFICATION	ROD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)				Natural Moisture Content, %	Specific Gravity	Atterberg Limits		UCT, q _p , kg/cm ²	CONSO. TEST		SIEVE ANALYSIS % PASSING			
							15 cm	15 cm	15 cm	N-VALUE						LL, %	Pl, %		Compression Index, C _c	Precon. Press. P _c , kg/cm ²	4	10	40	200
1	SS-1	67	[Symbol]	SC		Clayey Gravelly SAND; brownish gray; fine to coarse grained; with fine to medium gravel; low to moderate plastic fines; LOOSE.	2	4	4	10	20	30	40	19	2.66	27	8			71	59	43	30	
2						Clayey SAND; yellowish brown; fine to medium sand; with fine gravel; low to moderate plastic fines; VERY DENSE.																		
3	SS-2	84	[Symbol]	SC		Clayey SAND; yellowish brown; fine to medium sand; with fine gravel; low to moderate plastic fines; VERY DENSE.	18	21	32	53	30			15	2.66	22	6			82	65	46	36	
4																								
5	SS-3	100	[Symbol]	GP GM		Silty Sandy GRAVEL; light gray; sub-angular gravel; little plastic fines; VERY DENSE.	21	50	74	50	14			16	2.66	21	4			83	69	47	27	
6																								
7	SS-4	100	[Symbol]	GP GM		Silty Sandy GRAVEL; light gray; sub-angular gravel; little plastic fines; VERY DENSE.	25	50	9	50	18			7	2.7					37	24	14	8	
8																								
9	SS-5	50	[Symbol]	SC		Clayey Gravelly SAND; light gray; with rounded to subround gravel; low to moderate plastic fines; VERY DENSE.	50	7	12	50	12			10	2.66									
	SS-6		[Symbol]				50	7	4	50	4													

Technotest
 Incorporated
 Technotest Center, 893 EDSA, Q.C.
 Tel. Nos.: 9242004/9242007 FAX: 9242156



MACHINE: TONE
 DRILLER: E. LABRAMONTE
 SUPERVISOR: D. CONTAWA

LEGEND:
 [Symbol] SS - Split Spoon Sample [Symbol] WS - Wash Sample
 [Symbol] UDS - Undisturbed Sample [Symbol] CR - Core Sample

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS

A - 1b

PROJECT: FSDRRTSMERP	Elev. (MLLW) -0.10	Depth of Water: 0.93 m
LOCATION: Port of Culasi, Ajuy, Iloilo	Weather: F A I R	Date Measured: 14 Jun. 2007
BH NO.: BH-1	DATE DRILLED: Jun. 13 - 14, 2007	Time Measured: 2:30 PM
	Northing: 1220214.00	
	Easting: 519965.00	

DEPTH (m)	SAMPLE NO.	RECOVERY (%)	LOG SYMBOL	CLASSIFICATION	ROD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)				Natural Moisture Content, %	Specific Gravity	Atterberg Limits		UCT, q_u , kg/cm ²	CONSO. TEST		SIEVE ANALYSIS % PASSING				
							15 cm	15 cm	15 cm	N-VALUE						LL, %	Pl, %		Compression Index, Cc	Precon. Press. P _c , kg/cm ²	4	10	40	200	
10.5	SS-7	78					5	9		50	9	9	2.66								81	64	40	23	
11.5	SS-8	58				Clayey Gravelly SAND, brownish gray; fine to coarse sand; with fine to medium gravel; moderate plastic fines; VERY DENSE.	50	12		50	12														
12.5	SS-9						50	2		50	2														
14.62	SS-10	86					END OF BORING 14.62 M	50	7		50	7													



FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS

A - 2b

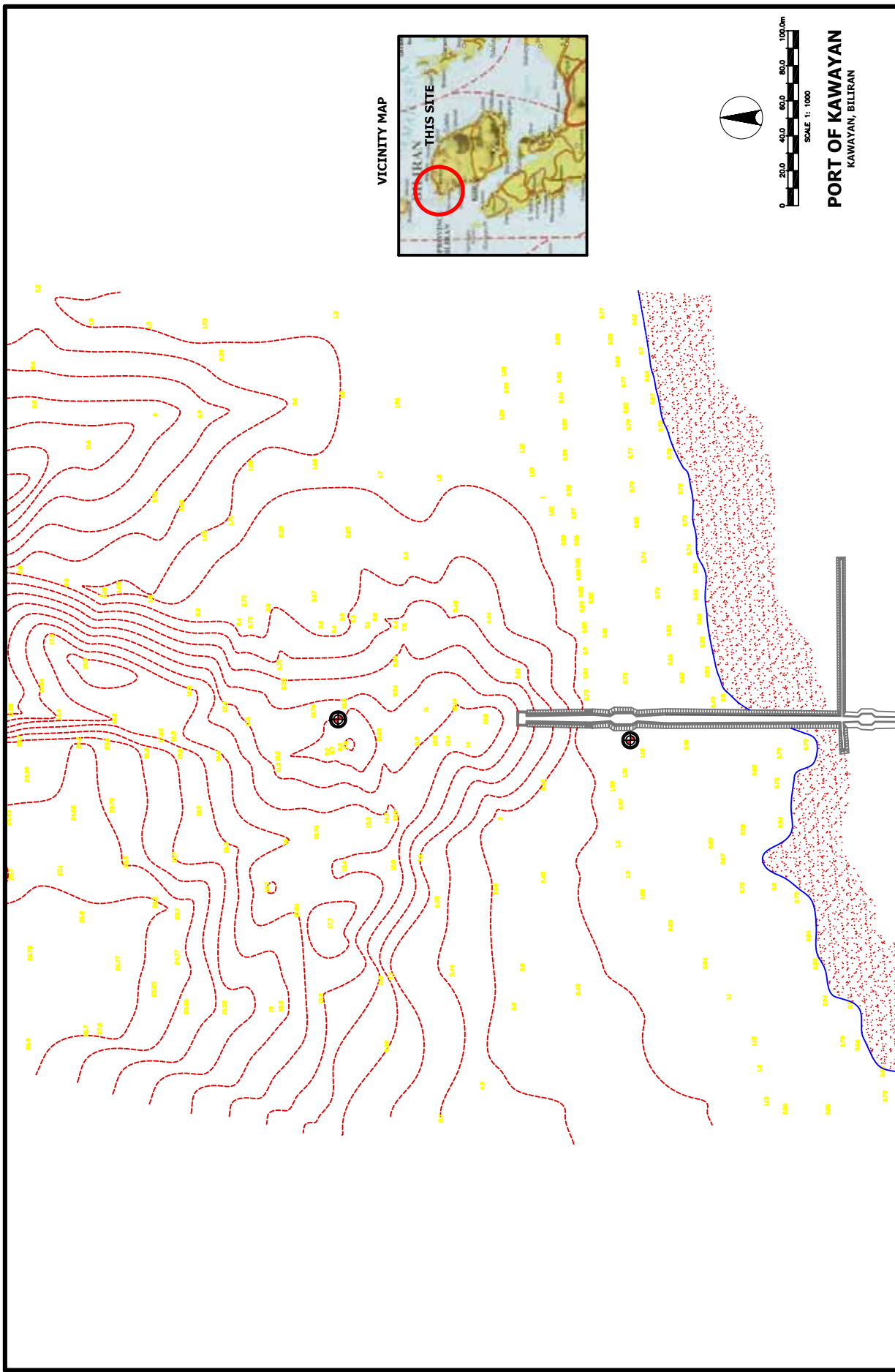
PROJECT: FSDRRTSMERP
 LOCATION: Port of Culasi, Ajuy, Iloilo
 BH NO.: BH-2 DATE DRILLED: Jun. 14 - 15, 2007

Elev. (MLLW) -3.60
 Weather: F A I R
 Northing: 1219964.60
 Easting: 519976.00

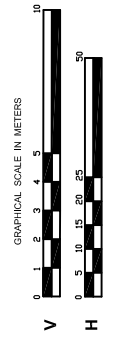
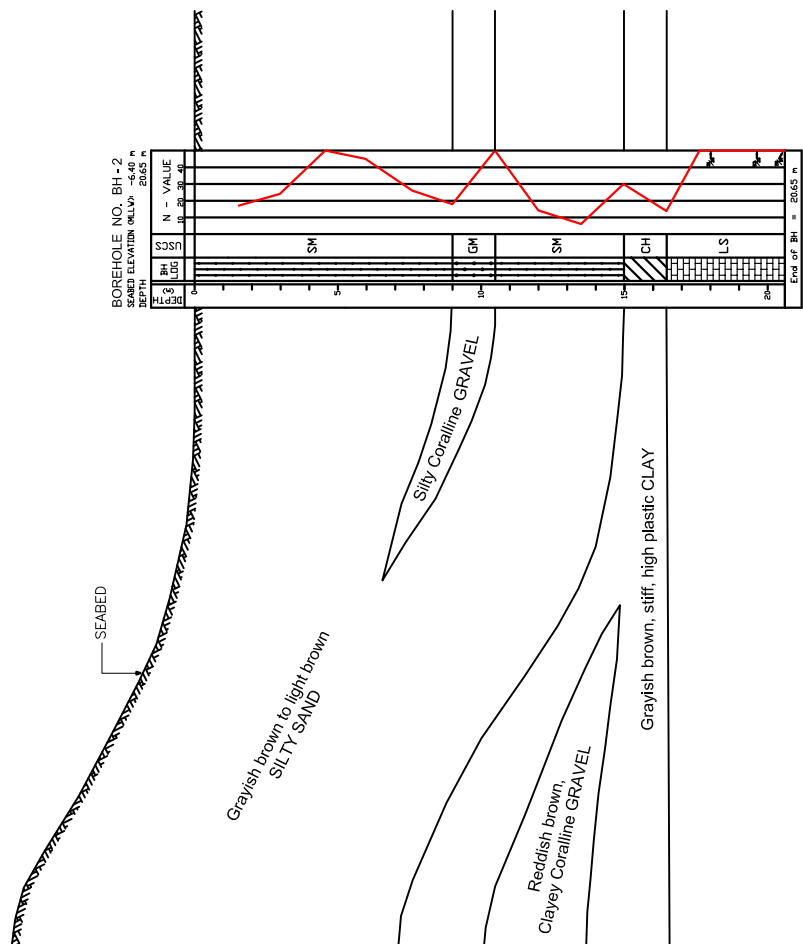
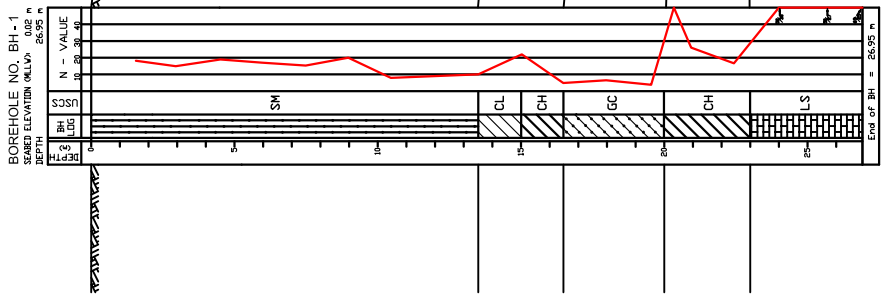
Depth of Water: 4.60 m
 Date Measured: 15 Jun. 2007
 Time Measured: 2:10 PM

DEPTH (m)	SAMPLE NO.	RECOVERY (%)	LOG SYMBOL	CLASSIFICATION	ROD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)				Natural Moisture Content, %	Specific Gravity	Atterberg Limits		UCT, q_u , kg/cm ²	CONSO. TEST		SIEVE ANALYSIS % PASSING				
							15 cm	15 cm	15 cm	N-VALUE						LL, %	PI, %		Compression Index, Cc	Precon. Press. P _c , kg/cm ²	4	10	40	200	
11	SS-7	93				Clayey SAND; yellowish to greenish gray; fine to coarse grained sand; traces of gravel; low to moderate plastic fines; MEDIUM DENSE to VERY DENSE.	9	16	18	10	20	30	40	24	2.67	32	15				98	95	78	26	
12	SS-8	38					10	14	17																
13	SS-9	49				Clayey SAND; light gray; fine to coarse grained sand; low to moderate plastic fines; VERY DENSE.	20	20	24	56	30	30	30	26	2.65										
14	SS-10	71		SC			25	28	28													92	84	68	38
15	SS-11	71				Clayey Gravelly SAND; light gray; fine to coarse grained sand; with fine to medium gravel; low to moderate plastic fines; VERY DENSE.	19	18	18	50	16	22	22	34	2.66							90	86	59	43
16	SS-12	56					18	25	23																
17	SS-13	87					27	40	10																





<p>JICA Study Team</p>	<p>The Overseas Coastal Area Dev't of Japan Pacific Consultants International (PCI)</p>	<p>CONTRACTOR</p> <p>Technotest incorporated</p>	<p>PROJECT NAME</p> <p>THE FEASIBILITY STUDY FOR THE DEV'T. OF ROAD RO-HO TERMINAL SYSTEM FOR MOBILITY ENHANCEMENT IN THE REPUBLIC OF THE PHILIPPINES</p>	<p>DRAWING TITLE</p> <p>FIGURE 2 BOREHOLE LOCATION PLAN PORT OF KAWAYAN, KAWAYAN, BILIRAN</p>	<p>PREPARED BY :</p> <p>DENNIS CALDERON</p>	<p>CHECKED BY :</p> <p>MANUEL T. VILLAFUERTE</p>	<p>APPROVED BY :</p> <p>JOSE LEOPOLDO P. FAJARDO</p>	<p>SHEET NO</p> <p>1</p>
------------------------	---	---	---	---	---	--	--	--------------------------



JICA Study Team

The Overseas Coastal Area Dev't of Japan

Pacific Consultants International (PCI)

CONTRACTOR

Technotest
incorporated

PROJECT NAME

THE FEASIBILITY STUDY FOR THE DEVT. OF ROAD RO-RO TERMINAL SYSTEM FOR MOBILITY ENHANCEMENT IN THE REPUBLIC OF THE PHILIPPINES

DRAWING TITLE

FIGURE 3
SOIL PROFILE A - A'
PORT OF KAWAYAN, KAWAYAN, BILIRAN

PREPARED BY

DENNIS CALDERON

CHECKED BY 1

MANUEL T. VILLAPUERTE

APPROVED BY 1

JOSE LEOPOLDO P. FAJARDO

SHEET NO

1

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS

A - 1a

PROJECT: FSDRRTSMERP
 LOCATION: Port of Kawayan, Biliran, Leyte
 BH NO.: BH-1 DATE DRILLED: Jun. 28 - 29, 2007

Elev. (MLLW) 0.02
 Weather: F A I R
 Northing:
 Easting:

Depth of Water: 1.56 m
 Date Measured: 29 Jun. 2007
 Time Measured: 8:00 AM

DEPTH (m)	SAMPLE NO.	RECOVERY (%)	LOG SYMBOL	CLASSIFICATION	ROD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)				Natural Moisture Content, %	Specific Gravity	Atterberg Limits		UCT, q_u , kg/cm ²	CONSO. TEST			SIEVE ANALYSIS % PASSING					
							15 cm	15 cm	15 cm	N-VALUE						LL, %	PI, %		Compression Index, Cc	Precon. Press. P _c , kg/cm ²	4	10	40	200			
1	SS-1	80				Silty SAND; light gray; fine to medium grained sand; with coralline limestone fragments; slight to none plastic fines; MEDIUM DENSE	5	8	10	10	20	30	40	26	2.66								73	64	44	17	
2																											
3	SS-2	69						6	6	8	8	16	24	32													
4																											
5	SS-3	89						7	9	10	10	20	30	40	27	2.66											
6	SS-4	76						5	8	9	9	18	27	36													
7																											
8	SS-5	73					5	7	8	8	16	24	32	24	2.66												
9	SS-6	67					7	9	11	11	22	33	44														



LEGEND:

- SS - Split Spoon Sample
- UDS - Undisturbed Sample
- WS - Wash Sample
- CR - Core Sample

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS

A - 1b

PROJECT: FSDRRTSMERP
 LOCATION: Port of Kawayan, Biliran, Leyte
 BH NO.: BH-1 DATE DRILLED: Jun. 28 - 29, 2007

Elev. (MLLW) 0.02
 Weather: F A I R
 Northing:
 Easting:

Depth of Water: 1.56 m
 Date Measured: 29 Jun. 2007
 Time Measured: 8:00 AM

DEPTH (m)	SAMPLE NO.	RECOVERY (%)	LOG SYMBOL	CLASSIFICATION	ROD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)				Natural Moisture Content, %	Specific Gravity	Atterberg Limits		UCT, q_u , kg/cm ²	CONSO. TEST Compression Index, Cc Precon. Press. P _c , kg/cm ²	SIEVE ANALYSIS % PASSING			
							15 cm	15 cm	15 cm	N-VALUE 10 20 30 40						LL, %	PI, %			4	10	40	200
11.0	SS-7	78		SM		Silty SAND; gray; very fine to fine grained sand; with coralline limestone fragments; slight to none plastic fines; LOOSE.	4	5	3	10	20	30	40	32	2.66	25	3			62	58	51	37
12.0	SS-8	82		SM			4	4	5														
13.5	SS-9	73		ML		Sandy SILT; gray; traces of coralline limestone fragments; low plasticity; FIRM TO STIFF.	3	4	6	10	20	30	40	31	2.67								
15.0	SS-10	87		CL		Sandy CLAY; gray; with fine to very fine grained sand; moderate plasticity; SOFT.	6	10	12	10	20	30	40	34	2.66	27	4			96	94	84	60
16.5	SS-11	78		CH			2	2	2					48	2.62	43	17			98	97	95	67
18.0	SS-12	67		CH		CLAY; gray; traces of sand; high plasticity; FIRM TO SOFT.	2	3	3														
19.0	SS-13	40					3	2	2														



FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS

A - 2b

PROJECT: FSDRRTSMERP
 LOCATION: Port of Kawayan, Biliran, Leyte
 BH NO.: BH-2 DATE DRILLED: Jun. 31 - Jul. 2, 2007

Elev. (MLLW) -6.40
 Weather: F A I R
 Northing:
 Easting:

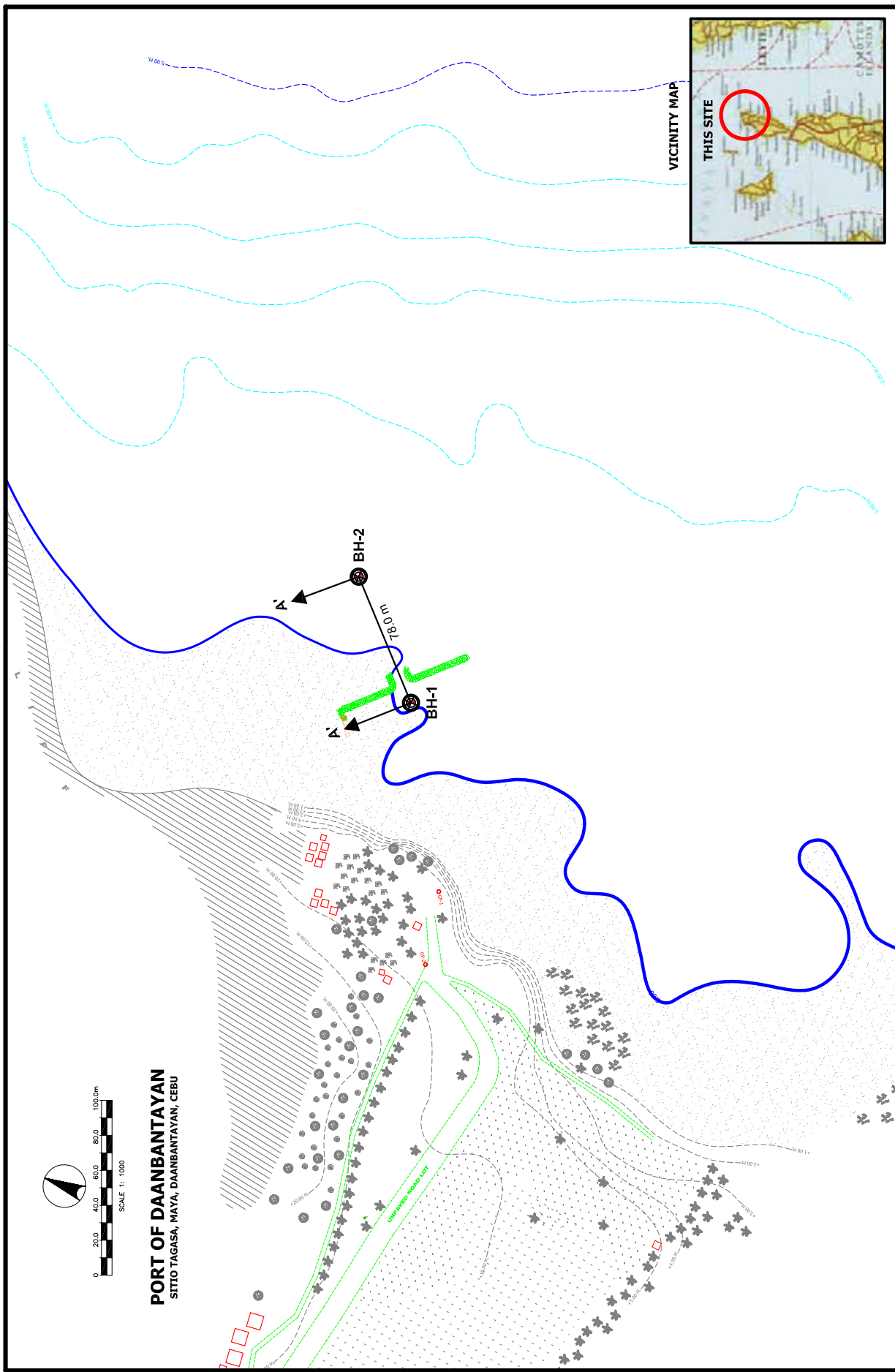
Depth of Water: 7.42 m
 Date Measured: 1 Jul. 2007
 Time Measured: 0700

DEPTH (m)	SAMPLE NO.	RECOVERY (%)	LOG SYMBOL	CLASSIFICATION	ROD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)				Natural Moisture Content, %	Specific Gravity	Atterberg Limits		UCT, q_p , kg/cm ²	CONSO. TEST Compression Index, Cc	Precon. Press. P _c , kg/cm ²	SIEVE ANALYSIS % PASSING			
							15 cm	15 cm	15 cm	N-VALUE 10 20 30 40						LL, %	Pl, %				4	10	40	200
10.5 - 11.5	SS-7	87	[Symbol]	GP GM		Silty Coralline GRAVEL; creamy brown; VERY DENSE.	15	20	40	60/30	26	2.68								34	27	18	10	
11.5 - 12.5	SS-8	67	[Symbol]	SM		Silty Coralline SAND, creamy brown; fine to very fine grained sand; consist of shell and coralline limestone fragments; slight to none plastic fines; MEDIUM DENSE	6	8	6															
12.5 - 14.5	SS-9	73	[Symbol]	SM		Silty Coralline SAND, grayish brown; fine to medium grained sand; consist of coralline limestone fragments; slight to none plastic fines; LOOSE TO MEDIUM DENSE.	2	1	5		32	2.67												
14.5 - 15.5	SS-10	58	[Symbol]	CH		CLAY; grayish brown; traces of sand; high plasticity; STIFF.	12	15	15															
15.5 - 16.5	SS-11	47	[Symbol]	CH			5	5	8															
16.5 - 18.5	SS-12	73	[Symbol]	LMS		Coralline LIMESTONE; yellowish brown to brown; marly; severely weathered; poorly cemented; very weak in terms of rock strength	18	24	27	51/30	24	2.59	30	5						93	90	81	71	
18.5 - 19.5	SS-13	78	[Symbol]	LMS			19	27	26	53/30	27	2.59	34	10						72	66	57	49	

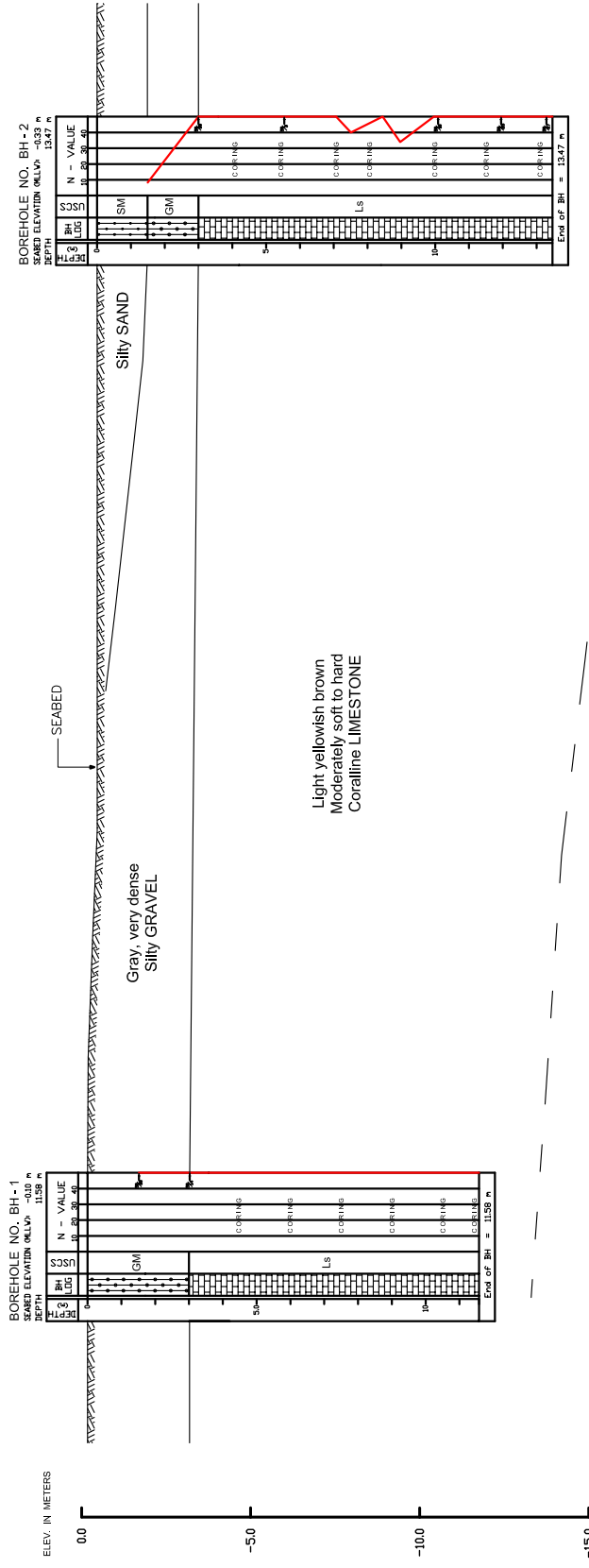


LEGEND:

- [Symbol] SS - Split Spoon Sample
- [Symbol] UDS - Undisturbed Sample
- [Symbol] WS - Wash Sample
- [Symbol] CR - Core Sample



 The Overseas Coastal Area Dev't of Japan Pacific Consultants International (PCI)	JICA Study Team	Technotest incorporated	CONTRACTOR	PROJECT NAME THE FEASIBILITY STUDY FOR THE DEVT. OF ROAD RO-RO TERMINAL SYSTEM FOR MOBILITY ENHANCEMENT IN THE REPUBLIC OF THE PHILIPPINES	DRAWING TITLE FIGURE 2 BOREHOLE LOCATION PLAN PORT OF DAANBANTAYAN, CEBU	PREPARED BY : DENNIS CALDERON	CHECKED BY : MANUEL T. VILLAFUERTE	APPROVED BY : JOSE LEOPOLDO P. FAJARDO	SHEET NO 1
---	-----------------	-----------------------------------	------------	--	---	----------------------------------	---------------------------------------	---	---------------



	The Overseas Coastal Area Dev't of Japan Pacific Consultants International (PCT)	JICA Study Team	Technote incorporated	PROJECT NAME THE FEASIBILITY STUDY FOR THE DEVT. OF ROAD RO-RO TERMINAL SYSTEM FOR MOBILITY ENHANCEMENT IN THE REPUBLIC OF THE PHILIPPINES	DRAWING TITLE FIGURE 2 SOIL PROFILE A-A' PORT OF DAAMBANTAYAN, MAYA DAAMBANTAYAN, CEBU	PREPARED BY DENNIS CALDERON	CHECKED BY MANUEL T. VILLAFUERTE	APPROVED BY JOSE LEOPOLDO P. FAJARDO	SHEET NO.
--	---	-----------------	---------------------------------	--	--	--------------------------------	-------------------------------------	---	---------------

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS

Sheet 1 of 2

A - 1a

PROJECT: FSDRRTSMERP

Elev. (MLLW) - 0.10 M

Depth of Water: 2.60 m

LOCATION: Port of Daanbantayan, Maya, Daanbantayan, Cebu

Weather: F A I R

Date Measured: 04 July 2007

BH NO.: BH-1 **DATE DRILLED:** July 04 - 05, 2007

Northing: 1247688.10

Time Measured: 4:00 PM

Easting: 615916.20

DEPTH (m)	SAMPLE NO.	RECOVERY (%) SAMPLE	LOG SYMBOL	CLASSIFICATION	RQO	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)				Natural Moisture Content, %	Specific Gravity	Atterberg Limits		UCT, q _v , kg/cm ²	CONSO. TEST		SIEVE ANALYSIS % PASSING			
							15 cm	15 cm	15 cm	N-VALUE						LL, %	PI, %		Compassion Index, Cc	Precon. Press. P _c , kN/cm ²	4	10	40	200
										10	20	30	40											
1	SS-1	44		GM		Sandy GRAVEL; gray; sub-angular coralline gravel; coarse to fine sand; presence of slightly plastic silty fines; VERY DENSE.	6	25	25	50/30	8	2.67							26	22	14	7		
3	SS-2	38		GM			23	32	19/10	50/25	9	2.70							29	23	15	10		
4	CR-1	20					CORING																	
6	CR-2	15		Ls		Coralline LIMESTONE; light yellowish brown; broken cores; MODERATELY SOFT.	CORING																	
7	CR-3	45					CORING																	
8							CORING																	
9	CR-4	35					CORING																	

Technotest
 incorporated
 Technotest Center, 893 EDSA, Q.C.
 Tel. Nos.: 9242004/9242007 FAX: 9242156

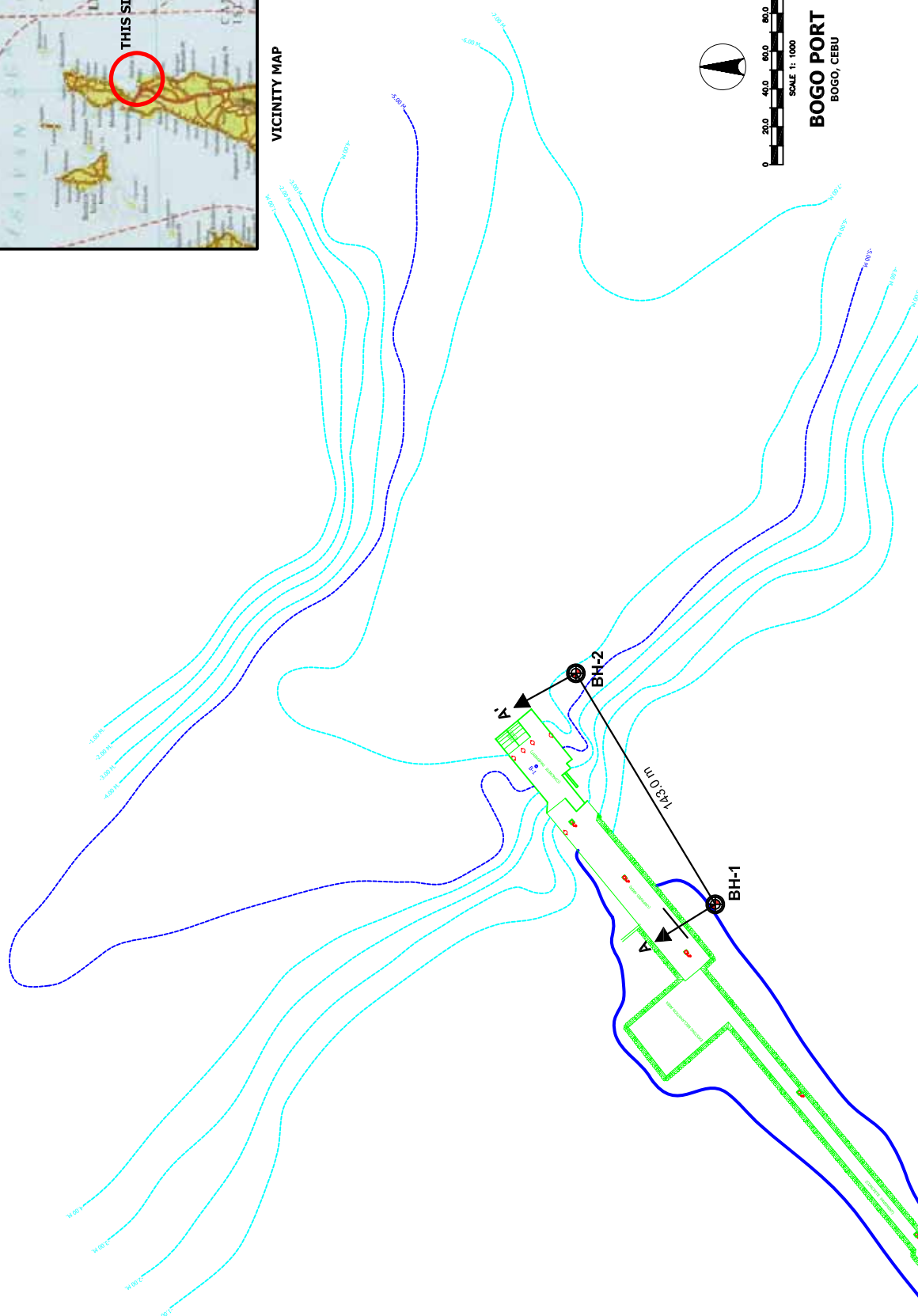
MACHINE: ACKER ACE "W"
 DRILLER: E. RIEZA
 SUPERVISOR: M. TABTAB

LEGEND:

- SS - Split Spoon Sample
- UDS - Undisturbed Sample
- WS - Wash Sample
- CR - Core Sample

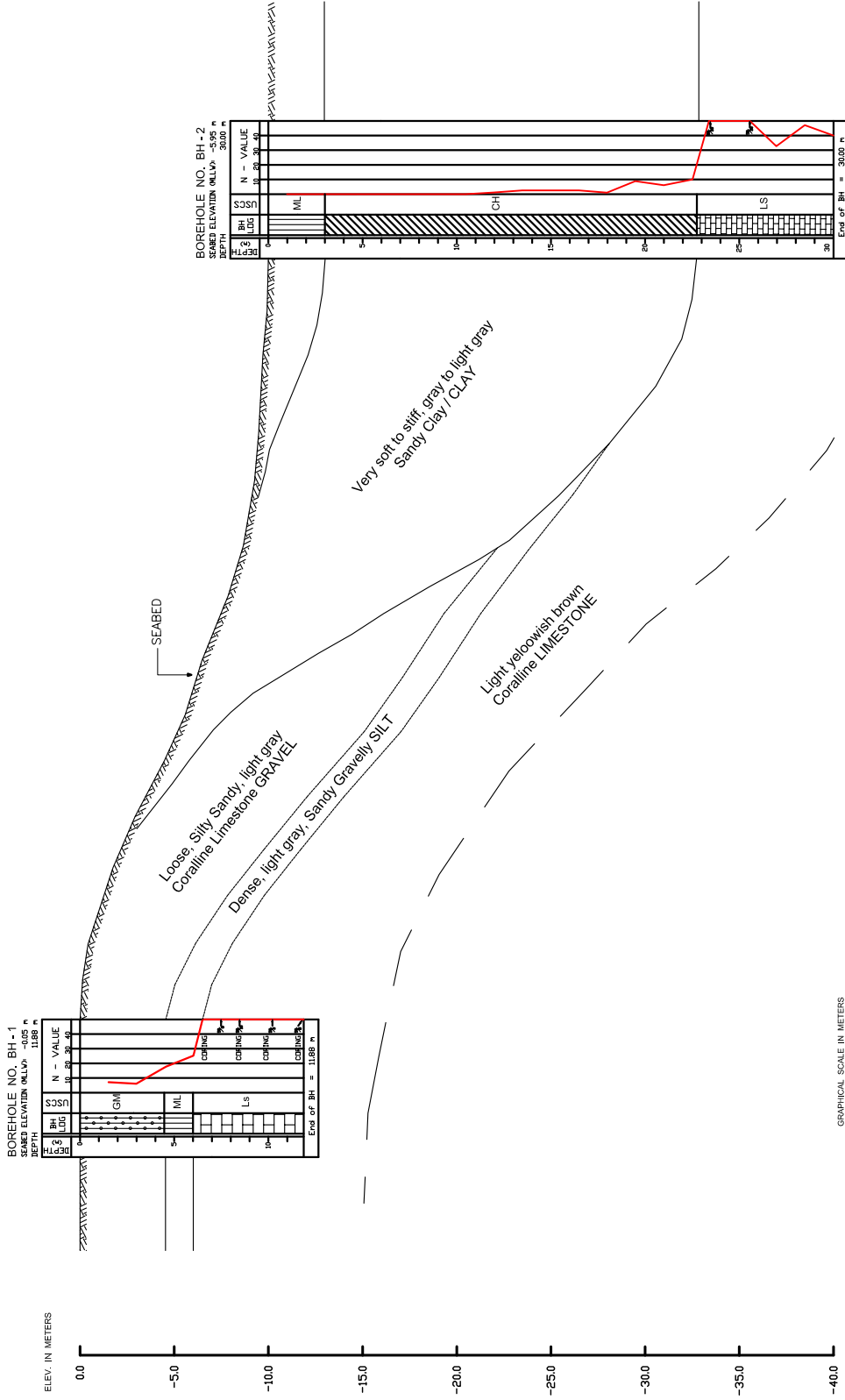


VICINITY MAP



BOGO PORT
BOGO, CEBU

	CONTRACTOR Technotest incorporated	PROJECT NAME THE FEASIBILITY STUDY FOR THE DEVT. OF ROAD RO-HO TERMINAL SYSTEM FOR MOBILITY ENHANCEMENT IN THE REPUBLIC OF THE PHILIPPINES	DRAWING TITLE FIGURE 2 BOREHOLE LOCATION PLAN PORT OF BOGO, PULUMBATO, BOGO, CEBU	PREPARED BY DENNIS CALDERON	CHECKED BY MANUEL T. VILLAFUERTE	APPROVED BY JOSE LEOPOLDO P. FAJARDO	SHEET NO 1
--	---	---	--	--------------------------------	-------------------------------------	---	---------------



				PROJECT NAME THE FEASIBILITY STUDY FOR THE DEVT. OF ROAD RO-RO TERMINAL SYSTEM FOR MOBILITY ENHANCEMENT IN THE REPUBLIC OF THE PHILIPPINES	DRAWING TITLE FIGURE 2 SOIL PROFILE A - A' BOGBO PORT, PULUMBATO, BOGOG, CEBU	PREPARED BY DENNIS CALDERON	CHECKED BY MANUEL T. VILLAFUERTE	APPROVED BY JOSE LEOPOLDO P. FAJARDO	SHEET NO.
--	--	--	--	---	--	--------------------------------	-------------------------------------	---	---------------

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS

PROJECT: FSDRRTSMERP

Elev. (MLLW) 0.10 M

Depth of Water: 1.90 m

LOCATION: Port of Bogo, Pulumbato, Bogo, Cebu

Weather: F A I R

Date Measured: 27 June 2007

BH NO.: BH-1 DATE DRILLED: June 26 - 28, 2007

Northing: 1224753.10

Time Measured: 9:00 A.M.

Easting: 609293.90

DEPTH (m)	SAMPLE NO.	RECOVERY (%)	LOG SYMBOL	CLASSIFICATION	RQD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)				Natural Moisture Content, %	Specific Gravity	Atterberg Limits			UCT, q_v , kg/cm ²	CONSO. TEST Compression Index, Cc Precon. Press. P _c , kg/cm ²	SIEVE ANALYSIS % PASSING			
							15 cm	15 cm	15 cm	N-VALUE 10 20 30 40						LL, %	PI, %	4			10	40	200	
1.0 - 2.0	SS-1	100	[Symbol]	GM		Silty Sandy Coralline Limestone GRAVEL; light gray; coarse to fine, sub-angular gravel; coarse to fine sand; slightly plastic silty fines; LOOSE.	5	3	4	24	2.64						58	43	20	9				
2.0 - 3.0	SS-2	100	[Symbol]	GM			6	2	4	29	2.64						59	45	29	17				
3.0 - 4.5	SS-3	100	[Symbol]	GM			12	14	4	31	2.64						47	41	30	18				
4.5 - 6.0	SS-4	100	[Symbol]	ML		Sandy Gravelly SILT; light gray; slightly plastic silty fines; coarse to fine, sub-angular gravel; coarse to fine sand; DENSE.	4	8	17	14	2.65						71	64	56	49				
6.0 - 7.0	CR-1 SS-5	38 NR	[Symbol]	LS		Coralline LIMESTONE; light yellowish brown; MODERATELY SOFT.	CORING 50/8			50/8														
7.0 - 8.0	CR-2 S-8	32 100	[Symbol]	LS	20		CORING 50/10			50/10														
8.0 - 9.0	CR-3	30	[Symbol]	LS			CORING																	

Technotest
Incorporated
Technotest Center, 893 EDSA, Q.C.
Tel. Nos.: 9242004/9242007 FAX: 9242156



MACHINE: ACKER ACE "W"
DRILLER: E. RIEZA
SUPERVISOR: M. TABTAB

LEGENO:

- SS - Split Spoon Sample
- UDS - Undisturbed Sample
- WS - Wash Sample
- CR - Core Sample

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS

A - 2a

PROJECT: FSDRRTSMERP

Elev. (MLLW) 5.85 M

Depth of Water: 7.30 m

LOCATION: Port of Bogo, Pulumbato, Bogo, Cebu

Weather: F A I R

Date Measured: 23 June 2007

BH NO.: BH-2 DATE DRILLED: June 22 - 25, 2007

Northing: 1224826.80

Time Measured: 10:00 A.M.

Easting: 609416.10

DEPTH (m)	SAMPLE NO.	RECOVERY (%)	LOG SYMBOL	CLASSIFICATION	RQD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)				Natural Moisture Content, %	Specific Gravity	Atterberg Limits		UCT, q_u , kg/cm ²	CONSO. TEST		SIEVE ANALYSIS % PASSING			
							15 cm	15 cm	15 cm	N-VALUE						LL, %	PI, %		Compress. Index, C_c	Precon. Press. P_o , kg/cm ²	4	10	40	200
1	SS-1	100	[Symbol]	ML		Sandy SILT; greenish gray; slightly plastic silty fines; fine to medium sand; presence of shell fragments; VERY SOFT.	1	0	0	0	0	0	76	2.64					97	83	82	59		
3	SS-2	100	[Symbol]				1	0	0	0	0	0												
4	SS-3	100	[Symbol]			Sandy CLAY; greenish gray; high plastic clayey fines; fine sand; presence of little amount of shell fragments; VERY SOFT.	1	0	0	0	0	0	62	2.63	69	42			99	97	94	77*		
6	SS-4	100	[Symbol]	CH			1	0	0	0	0	0												
7	SS-5	100	[Symbol]				1	0	0	0	0	0												
9	SS-6	100	[Symbol]			CLAY; greenish gray; high plastic clayey fines; presence of little amount of shell fragments; VERY SOFT.	1	0	0	0	0	0	62	2.61					100	99	95*			

Technotest
 Incorporated
 Technotest Center, 893 EDSA, Q.C.
 Tel. Nos.: 9242004/9242007 FAX: 9242156



MACHINE: ACKER ACE "W"
 DRILLER: E. RIEZA
 SUPERVISOR: M. TABTAB

LEGEND:

- SS - Split Spoon Sample
- UDS - Undisturbed Sample
- WS - Wash Sample
- CR - Core Sample

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS

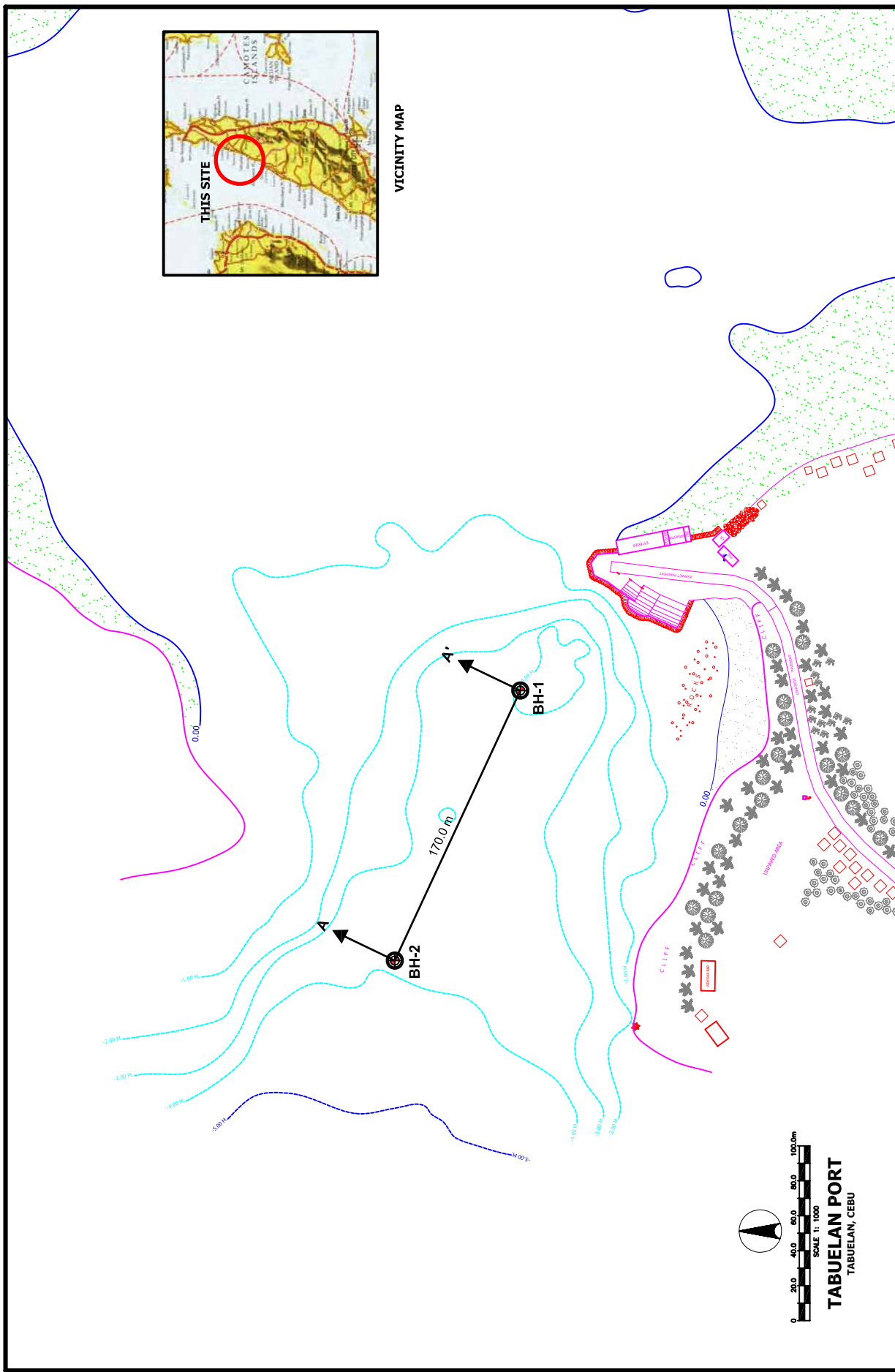
PROJECT: FSDRRTSMERP	Elev. (MLLW) 5.85 M	Depth of Water: 7.30 m
LOCATION: Port of Bogo, Pulumbato, Bogo, Cebu	Weather: F A I R	Date Measured: 23 June 2007
BH NO.: BH-2 DATE DRILLED: June 22 - 25, 2007	Northing: 1224826.80	Time Measured: 10:00 A.M.
	Easting: 609416.10	

DEPTH (m)	SAMPLE NO.	RECOVERY (%)	LOG SYMBOL	CLASSIFICATION	ROD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)		Natural Moisture Content, %	Specific Gravity	Atterberg Limits		UCT, q_u , kg/cm ²	CONSO. TEST		SIEVE ANALYSIS % PASSING			
							15 cm	15 cm	15 cm	N-VALUE				LL, %	PI, %		Compression Index, Cc	Precon. Press. P_c , kg/cm ²	4	10	40	200
21	SS-14	100	[Symbol]	CH		CLAY; dark gray; highly plastic clayey fines; presence of little amount of shell fragments; VERY SOFT.	4	3	3													
22																						
23	SS-15	100	[Symbol]					4	4	6	41	2.61	83	68		100	98	97	92			
24	SS-16	100	[Symbol]					32	38		45	2.69				48	40	30	23			
25																						
26	SS-17	78	[Symbol]	GM		Silty Sandy Coralline Limestone GRAVEL; light yellowish brown; coarse to fine, sub-angular gravel; coarse to fine sand; non-plastic silty fines; VERY DENSE TO DENSE.	31	25	25													
27	SS-18	89	[Symbol]					12	16	16	17	2.69				58	45	34	29			
28																						
29	SS-19	89	[Symbol]					28	25	22												
30	SS-20	78	[Symbol]			END OF BORING 30.00 M		30	18	22	14	2.70				46	34	24	19			

Technotest
Incorporated
Technotest Center, 893 EDSA, Q.C.
Tel. Nos.: 9242004/9242007 FAX: 9242156

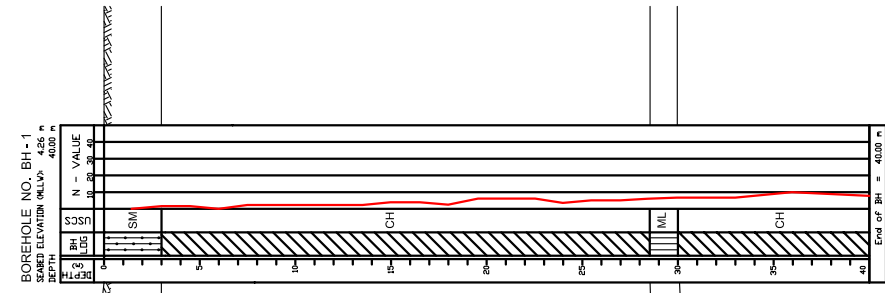
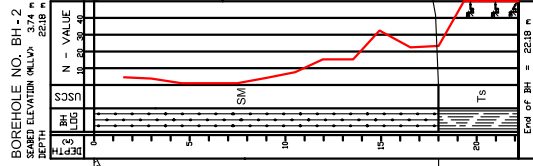
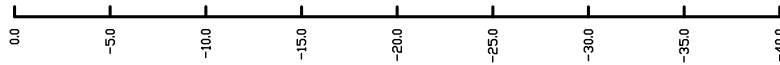
MACHINE: ACKER ACE "W"
DRILLER: A. TENERIFE
SUPERVISOR: M. VILLAFUERTE

LEGEND:
 SS - Spil Spoon Sample WS - Wash Sample
 UDS - Undisturbed Sample CR - Core Sample



	The Overseas Coastal Area Div't of Japan Pacific Consultants International (PCI)	JICA Study Team	Technotest incorporated	CONTRACTOR	THE FEASIBILITY STUDY FOR THE DEVT. OF ROAD RO-HO TERMINAL SYSTEM FOR MOBILITY ENHANCEMENT IN THE REPUBLIC OF THE PHILIPPINES	PROJECT NAME	DRAWING TITLE FIGURE 2 BOREHOLE LOCATION PLAN TABUELAN PORT, TABUELAN, CEBU	PREPARED BY : DENNIS CALDERON	CHECKED BY : MANUEL T. VILLAFUERTE	APPROVED BY : JOSE LEOPOLDO P. FAJARDO	SHEET NO. 1
--	---	-----------------	-----------------------------------	------------	--	--------------	--	----------------------------------	---------------------------------------	---	----------------

ELEV. IN METERS



SEABED

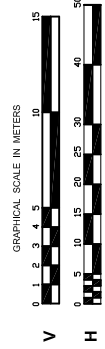
Very Loose to dense
Gray to light gray Silty SAND

Very soft to soft, dark gray
Sandy Silty CLAY / Silty CLAY

Light yellowish brown
Silty Fine TUFF

Sandy SILT

Firm to stiff
Dark gray, Silty CLAY



	<p>JICA Study Team</p>	<p>CONTRACTOR</p>	<p>Technotest INCORPORATED</p>	<p>PROJECT NAME</p> <p>THE FEASIBILITY STUDY FOR THE DEVT. OF ROAD RO-HO TERMINAL SYSTEM FOR MOBILITY ENHANCEMENT IN THE REPUBLIC OF THE PHILIPPINES</p>	<p>DRAWING TITLE</p> <p>FIGURE 2 SOIL PROFILE A - A' TABUELAN PORT, TABUELAN, CEBU</p>	<p>PREPARED BY :</p> <p>DENNIS CALDERON</p>	<p>CHECKED BY :</p> <p>MANUEL T. VILLAFUERTE</p>	<p>APPROVED BY :</p> <p>JOSE LEOPOLDO P. FAJARDO</p>	<p>SHEET NO</p> <p>1</p>
--	------------------------	-------------------	---	--	--	---	--	--	--------------------------

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS

PROJECT: FSDRRSMPERP	Elev. (MLLW) -4.26 M	Depth of Water: 5.13 m
LOCATION: Port of Tabuelan, Tabuelan, Cebu	Weather: F A I R	Date Measured: 18 June 2007
BH NO.: BH-1	DATE DRILLED: June 16 - 18, 2007	Time Measured: 8:00 A.M.
	Northing: 1198072.10	
	Easting: 594948.90	

DEPTH (m)	SAMPLE NO.	RECOVERY (%)	LOG SYMBOL	CLASSIFICATION	RQD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)				Natural Moisture Content, %	Specific Gravity	Atterberg Limits		UCT - q _v , kg/cm ²	CONSO. TEST		SIEVE ANALYSIS % PASSING			
							15 cm	15 cm	15 cm	N-VALUE						LL, %	Pl, %		Compression Index, C _c	Preson. Press. P _c , kg/cm ²	4	10	40	200
										10	20	30	40											
1	SS-1	78		SM		Silty SAND; dark gray; fine to coarse sand; slightly plastic silt; presence of shell fragments; VERY LOOSE.	1	0	0	0	0	53	2.65					95	89	72	23			
3	SS-2	67					1	0	1															
4	SS-3	69					1	0	1			68	2.83	67	42			99	97	90	72*			
8	SS-4	100		CH		SANDY SILTY CLAY; dark gray; high plasticity; very fine to fine sand; presence of shell fragments; VERY SOFT.	1	0	0	0	0													
7	SS-5	100					1	1	1			64	2.83	66	43			100	99	91	63*			
9	SS-8	100					1	1	1															

Technotest
 Incorporated
 Technotest Center, 893 EDSA, Q.C.
 Tel. Nos.: 9242004/9242007 FAX: 9242156



MACHINE: ACKER ACE "W"
 DRILLER: A. TENERIFE
 SUPERVISOR: M. VILLAFUERTE

LEGEND:

- SS - Soft Spoon Sample
- UDS - Undisturbed Sample
- WS - Wash Sample
- CR - Core Sample

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS

PROJECT: FSDRRTSMERP	Elev. (MLLW) -4.26 M	Depth of Water: 5.13 m
LOCATION: Port of Tabuelan, Tabuelan, Cebu	Weather: F A I R	Date Measured: 18 June 2007
BH NO.: BH-1	DATE DRILLED: June 16 - 18, 2007	Time Measured: 8:00 A.M.
	Northing: 1198072.10	
	Easting: 594946.90	

DEPTH (m)	SAMPLE NO.	RECOVERY (%)	LOG SYMBOL	CLASSIFICATION	RQD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)				Natural Moisture Content, %	Specific Gravity	Atterberg Limits		UCT, q_u , kg/cm ²	Compress. Index, C_c	Precon. Press. P_o , kg/cm ²	SIEVE ANALYSIS % PASSING				
							15 cm	15 cm	15 cm	N-VALUE						LL, %	PI, %				4	10	40	200	
										10	20	30	40												
11.0	SS-7	100	[Symbol]			Sandy SILTY CLAY; dark gray; high plasticity; very fine to fine sand; presence of shell fragments; VERY SOFT.	1	1	1					65	2.63	70	45					100	99	96	71*
12.0	SS-8	100	[Symbol]				1	1	1					-											
13.5	SS-9	100	[Symbol]				1	1	1					-											
15.0	SS-10	100	[Symbol]	CH		SILTY CLAY; dark gray; high plasticity; presence of shell fragments; VERY SOFT TO SOFT.	2	1	2					72	2.62	87	65					100	96	94*	
16.5	SS-11	100	[Symbol]				2	1	2					-											
18.0	SS-12	100	[Symbol]			Sandy SILTY CLAY; dark gray; high plasticity; presence of shell fragments; VERY SOFT TO FIRM.	2	1	1					67	2.62	79	55					100	97	89*	
19.0	SS-13	89	[Symbol]				3	3	3					-											

Technotest
 Incorporated
 Technotest Center, 893 EDSA, Q.C.
 Tel. Nos.: 9242004/9242007 FAX: 9242156



MACHINE: ACKER ACE "W"
 DRILLER: R. DAWI
 SUPERVISOR: M. VILLAFUERTE

LEGEND:
 [Symbol] SS - Split Spoon Sample
 [Symbol] WS - Wash Sample
 [Symbol] UDS - Undisturbed Sample
 [Symbol] CR - Core Sample

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS

A - 2a

PROJECT: FSDRRTSMERP
 LOCATION: Port of Tabuelan, Tabuelan, Cebu
 BH NO.: BH-2 DATE DRILLED: June 19 - 21, 2007

Elev. (MLLW) -3.74 M
 Weather: F A I R
 Northing: 1198143.80
 Easting: 594792.50

Depth of Water: 4.85 m
 Date Measured: 19 June 2007
 Time Measured: 4:05 P.M.

DEPTH (m)	SAMPLE NO.	RECOVERY (%) SAMPLE	LOG SYMBOL	CLASSIFICATION	RQD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)				Natural Moisture Content, %	Specific Gravity	Atterberg Limits		UCT, q_u , kg/cm ²	CONSO. TEST		SIEVE ANALYSIS % PASSING			
							15 cm	15 cm	15 cm	N-VALUE						LL, %	PI, %		Compression Index, C_c	Precon. Press. P_c , kg/cm ²	4	10	40	200
1	SS-1	76				Silty SAND; gray; fine to medium sand; non-plastic silt; presence of shell fragments; VERY LOOSE.	2	2	2	2				34	2.66					97	90	67	12	
2																								
3	SS-2	78					1	1	2	2														
4																								
5	SS-3	69			SM	Silty SAND; gray; fine to coarse sand; non-plastic silt; abundant shell fragments; VERY LOOSE.	1	0	1	1				29	2.66					76	64	37	9	
6																								
7	SS-4	69					1	0	1	1														
8																								
9	SS-5	69				Silty SAND; gray; fine to coarse sand; non-plastic silt; presence of appreciable amount of shell fragments; VERY LOOSE.	1	0	1	1				32	2.66					67	77	54	25	
10																								
11	SS-6	67					1	2	2	2														



LEGEND:

- SS - Split Spoon Sample
- WS - Wash Sample
- UDS - Undisturbed Sample
- CR - Core Sample

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS

A - 2b

PROJECT: FSDRRTSMERP

Elev. (MLLW) -3.74 M

Depth of Water: 4.85 m

LOCATION: Port of Tabuelan, Tabuelan, Cebu

Weather: F A I R

Date Measured: 19 June 2007

BH NO.: BH-2 DATE DRILLED: June 19 - 21, 2007

Northing: 1198143.80

Time Measured: 4:05 P.M.

Easting: 594792.50

DEPTH (m)	SAMPLE NO.	RECOVERY (%) SAMPLE	LOG SYMBOL	CLASSIFICATION	RQD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)				Natural Moisture Content, %	Specific Gravity	Atterberg Limits		UCT, q _v , kg/cm ²	CONSO. TEST Compression Index, I _{cc}	SIEVE ANALYSIS % PASSING					
							15 cm	15 cm	15 cm	N-VALUE						LL, %	PI, %			P ₁₀₀ , %	P ₇₅ , %	4	10	40	200
										10	20	30	40												
11.0	SS-7	67	[Symbol]	SM		Silty SAND; gray; fine to medium sand; non-plastic silt; abundant shell fragments; LOOSE.	4	4	4	11	32	2.65						99	94	76	34				
12.0	SS-8	78	[Symbol]	SM			4	5	10	19															
13.5	SS-9	78	[Symbol]	SM		SILTY SAND; light gray; fine to coarse sand; non-plastic silt; contains little amount of shell fragments; MEDIUM DENSE TO DENSE.	8	8	7	23	34	2.64						97	92	78	29				
15.0	SS-10	67	[Symbol]	SM			10	18	14	42															
16.5	SS-11	67	[Symbol]	SM		SILTY SAND; light gray; fine to coarse sand; non-plastic silt; contains appreciable amount of shell fragments; DENSE.	11	11	11	33	27	2.65						81	66	42	19				
18.0	SS-12	67	[Symbol]	SM			7	7	16	30															
19.0	SS-13	70	[Symbol]	Ts		SILTY FINE TUFF; light yellowish brown; fine to coarse sand; slightly plastic silt; MODERATELY HARD.	20	33	17/13	50/28															



FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS

PROJECT: FSDRRTSMERP

Elev. (MLLW) -3.74 M

Depth of Water: 4.85 m

LOCATION: Port of Tabuelan, Tabuelan, Cebu

Weather: F A I R

Date Measured: 19 June 2007

BH NO.: BH-2 DATE DRILLED: June 19 - 21, 2007

Northing: 1198143.80

Time Measured: 4:05 P.M.

Easting: 594792.50

DEPTH (m)	SAMPLE NO.	RECOVERY (%) SAMPLE	LOG SYMBOL	CLASSIFICATION	RQD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)				Natural Moisture Content, %	Specific Gravity	Atterberg Limits		UCT, q_v , kN/cm ²	CONSO. TEST Compression Index, Cc	Precon. Press. P _c , kN/cm ²	SIEVE ANALYSIS % PASSING			
							15 cm	15 cm	15 cm	N-VALUE						LL, %	PI, %				4	10	40	200
										10	20	30	40											
21	SS-14	86		Ts		SILTY FINE TUFF; light yellowish brown; fine to coarse sand; slightly plastic silt; MODERATELY HARD.	26	40	10/8	50/23	16	2.83	45	26				76	68	55	41*			
22	SS-15	NR				END OF BORING 22.18 M	50/13			50/13														
23																								
24																								
25																								
26																								
27																								
28																								
29																								

