

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS

BR - 6

PROJECT: Pasig-Marikina River Channel Imp. Proj.
 LOCATION: R. Bank, Castañeda, Namayan, Manila
 BOREHOLE NO.: BR-6 DATE DRILLED: 21 - 28 November 2000

GROUND ELEV. (MLLW = Zero Datum) + 13.610
 STATION NO.: 10 + 625
 WEATHER: FAIR

DEPTH OF WATER: 1.00 m.
 DATE MEASURED: 23 Nov. 2000
 TIME MEASURED: 2:00 PM

COORDINATES: 1612650.473 N, 501780.126 E

DEPTH, m	SAMPLE NO.	RECOVERY (%)	SAMPLE	LOG SYMBOL	CLASSIFICATION	RQD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)					NATURAL MOIST. CONTENT, %	TOTAL UNIT WEIGHT, g/cc	ATTERBERG LIMITS		SPECIFIC GRAVITY	UNCONFINED COMP. TEST		SIEVE ANALYSIS % PASSING SIEVE				
								15 cm	15 cm	15 cm	(N-VALUE)							LIQUID LIMIT, %	PLASTICITY INDEX, %		STRENGTH kg/cm ²	STRAIN %	4	10	40	200	
1	SS-1	33			SM		Silty SAND; brown; very fine sand with some medium and coarse sand gravel; 44% non-plastic silt; VERY LOOSE.	1	1	2									2.63			89	82	71	44		
2	SS-2	33						1	1	2																	
3	SS-3	33						1	1	2																	
4	SS-4	44			SP		Silty Fine SAND; dark gray; 70% fine sand with 29% non-plastic silt; VERY LOOSE to LOOSE.	2	2	2									2.63				100	99	29		
5	SS-5	33						3	3	4																	
6	SS-6	22						3	4	4																	
7	SS-7	33						5	6	9									2.64				50	28	13	6	
8	SS-8	22			GW		Sandy GRAVEL; dark gray; 50% sub-angular gravel; 37% medium to coarse sand; MEDIUM DENSE.	5	13	8																	
9	SS-9	44						6	8	8																	
10	SS-10	67						5	6	6									2.64				76	63	51	40	
11	SS-11	67			SC		Clayey SAND; gray to greenish gray; sand-clay mixture with 24% sub-angular gravel; MEDIUM DENSE.	6	6	8																	
12	SS-12	67						6	7	9																	
13	SS-13	22			GM		Sandy GRAVEL; light gray; angular gravel with coarse sand; MEDIUM DENSE.	11	6	11										2.65				52	42	33	25
14	SS-14	11						16	35	15																	
15	CR-1	17				7		CORING																			
16	CR-2	25				20		CORING																			
17	CR-3	30				33		CORING																			
18	CR-4	25				20		CORING																			
19	CR-5	20				10		CORING																			
20	CR-6	20				18		CORING																			
								End of Borehole (20.00 m)																			



BASIC TECHNOLOGY AND MANAGEMENT CORPORATION
 2nd Floor Prudential Bank Building,
 1377 A. Mabini St., Ermita, Manila

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

LEGEND:

- SS - SPLIT SPOON SAMPLE
- WS - WASH SAMPLE
- UDS - UNDISTURBED SAMPLE
- CR - CORE SAMPLE
- * W/ HYDROMETER ANALYSIS

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS

BR - 7a

PROJECT: Pasig-Marikina River Channel Imp. Proj.
 LOCATION: Right Bank, Pinatubo St., (near Guadalupe)
 BH NO: BR-7 DATE DRILLED: 20 - 24 November 2000

GROUND ELEV. (MLLW = Zero Datum) + 14.823
 STATION NO.: 14 + 275
 WEATHER: FAIR

DEPTH OF WATER: 0.85 m.
 DATE MEASURED: 24 Nov. 2000
 TIME MEASURED: 7:30 AM

COORDINATES: 1611298.657 N, 504681.567 E

DEPTH, m	SAMPLE NO.	RECOVERY (%)	LOG SYMBOL	CLASSIFICATION	RQD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)					NATURAL MOIST. CONTENT, %	TOTAL UNIT WEIGHT, g/cc	ATTERBERG LIMITS		SPECIFIC GRAVITY	UNCONFINED COMP. TEST		SIEVE ANALYSIS % PASSING SIEVE			
							15 cm	15 cm	15 cm	(N-VALUE)							LIQUID LIMIT, %	PLASTICITY INDEX, %		STRENGTH kg/cm ²	STRAIN W, %	4	10	40	200
1	SS-1	78		SW		Gravelly SAND; dark gray; 53% coarse to medium sand; with traces of fine sand and 37% gravel; VERY LOOSE to LOOSE.	5	5	3						21			2.65			64	21	11	5	
2	SS-2	100					4	3	1																
3	SS-3	100					2	3	3																
4	SS-4	100		CH		CLAY; brown; 88-96% high plasticity clay with 4-7% fine sand; FIRM.	2	2	1					47		64	40	2.60					100	96	
5	UDS-1	100					PRESSED							47	1.55	62	43	2.60	Cc 0.395	Pc 0.900	100	96	95	88*	
6	SS-5	89		GP		Poorly Graded GRAVEL; dark gray; mixture of 41% gravel and 43% coarse sand with 12% non-plastic silt and shell fragments; DENSE.	10	11	13																
7	SS-6	78					9	11	14																
8	SS-7	67					11	12	12					21			2.64			59	16	13	12		
9	SS-8	78				Gravelly Silty SAND; dark gray; 79% well-graded sand; 9% gravel; 12% non-plastic fines; MEDIUM DENSE.	7	6	6																
10	SS-9	67					8	9	10																
11	SS-10	67		SM SW			9	10	11					17			2.63			91	79	49	12		
12	SS-11	67				Silty Gravelly SAND; gray; 65% well graded sand; 20% gravel and 15% non-plastic silt; VERY SOFT to FIRM.	12	15	15																
13	SS-12	100					11	17	18																
14	SS-13	100					12	16	20					13			2.63			80	63	38	15		
15	SS-14	67					6	10	14																
16	SS-15	67		SM SP		Fine to MEDIUM SAND; dark gray; 56% fine to medium sand with 38% non-plastic silt and 4% coarse sand; MEDIUM DENSE.	8	12	16																
17	SS-16	78					9	13	15					34			2.63			98	94	76	38		
18	SS-17	89					7	13	13																
19	SS-18	67					11	16	18																
20	SS-19	78		SP		Silty SAND; dark gray to gray; fine to coarse sand with shell fragments; MEDIUM DENSE to LOOSE.	19	27	23					28			2.63			98	97	88	12		



BASIC TECHNOLOGY AND MANAGEMENT CORPORATION
 2nd Floor Prudential Bank Building,
 1377 A. Mabini St., Ermita, Manila

MACHINE: ACKER ACE
 DRILLER: J. MADERA
 SUPERVISOR: M. Estaura

LEGEND:
 SS - SPLIT SPOON SAMPLE
 WS - WASH SAMPLE
 UDS - UNDISTURBED SAMPLE
 CR - CORE SAMPLE
 W/ HYDROMETER ANALYSIS

図5-3-3 (208/221) 柱状図 (フェーズI実施分)

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS BR - 9a

PROJECT: Pasig-Marikina River Channel Imp. Proj.
 LOCATION: Right Bank, Pascual, Bagong Ilog, Pasig
 BH NO: BR-9 DATE DRILLED: 17 - 20 November 2000

GROUND ELEV. (MLLW = Zero Datum) + 13.749
 STATION NO.: 0 + 825
 WEATHER: FAIR
 COORDINATES: 1610575.310 N, 507638.879 E

DEPTH OF WATER: 0.25 m.
 DATE MEASURED: 19 Nov. 2000
 TIME MEASURED: 8:00 AM

DEPTH, m	SAMPLE NO.	RECOVERY (%)	LOG SYMBOL	CLASSIFICATION	RQD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)					NATURAL MOIST. CONTENT, %	TOTAL UNIT WEIGHT, g/cc	ATTERBERG LIMITS		SPECIFIC GRAVITY	UNCONFINED COMP. TEST		SIEVE ANALYSIS % PASSING SIEVE								
							15 cm	15 cm	15 cm	(N-VALUE)							LIQUID LIMIT, %	PLASTICITY INDEX, %		STRENGTH kg/cm ²	STRAIN %	4	10	40	200					
1	SS-1	44	[Symbol]	CH		Sandy CLAY; brown; 47% high plasticity clayey fines with 44% fine to coarse sand and 9% gravel; VERY SOFT.	1	0	0	10	20	30	40	50	29	57	37	2.62			91	83	75	47						
2	SS-2	67	[Symbol]				2	1	1																					
3	SS-3	67	[Symbol]				9	9	12																					
4	SS-4	67	[Symbol]	SW		Gravelly SAND; brown; 65% well-graded sand with 24% sub-angular gravel and 11% non-plastic silty fines; MEDIUM DENSE.	12	12	11						13			2.65			76	59	27	11						
5	SS-5	67	[Symbol]				10	15	14																					
6	SS-6	56	[Symbol]				11	12	12																					
7	SS-7	44	[Symbol]	SM		Silty SAND; dark gray; 67% medium to fine sand with 8% coarse sand and 8% gravel; 17% non-plastic silt; MEDIUM DENSE.	11	8	8						20			2.63			92	84	42	17						
8	SS-8	56	[Symbol]				12	12	7																					
9	SS-9	89	[Symbol]			Gravelly CLAY; dark gray; 74% silty clay with 18% gravel and little sand and shell fragments; VERY SOFT.	1	1	2																					
10	UDS-1		[Symbol]				PRESSED								41	1.55	63	35	2.61	Cc 0.645	Pc 2.670	1.22	2.29	82	77	77	74*			
11	SS-10	89	[Symbol]				1	0	1						43		47	23	2.60							100	99	91		
12	SS-11	89	[Symbol]	CH		Silty CLAY; dark gray; 90-95% high plasticity silty clay with very little fine sand and shell fragments; VERY SOFT to VERY STIFF towards the lower section of the layer.	8	5	4																					
13	SS-12	89	[Symbol]				6	4	8																					
14	SS-13	89	[Symbol]				12	8	6						51		73	51	2.60								100	96	94	
15	SS-14	44	[Symbol]				8	8	9																					
16	SS-15	44	[Symbol]				8	7	8																					
17	SS-16	89	[Symbol]	CL		Sandy CLAY; dark gray; 57% low to medium plasticity clayey fines; 43% fine to coarse sand; with shell fragments; FIRM.	2	1	4						34		65	41	2.61								100	84	76	57
18	SS-17	89	[Symbol]				2	2	4																					
19	UDS-2		[Symbol]	CH		Silty CLAY; dark gray; 87-98% very high plasticity clay with traces of gravel; STIFF.	PRESSED								69	1.45	73	44	2.60	Cc 0.635	Pc 2.880	2.50	4.0	89	88	87	87*			
20	SS-18	67	[Symbol]				5	6	7																					



BASIC TECHNOLOGY AND MANAGEMENT CORPORATION
 2nd Floor Prudential Bank Building,
 1377 A. Mabini St., Ermita, Manila

MACHINE: ACKER ACE
 DRILLER: E. RIEZA
 SUPERVISOR: M. Estaura

LEGEND:
 [Symbol] SS - SPLIT SPOON SAMPLE
 [Symbol] WS - WASH SAMPLE
 [Symbol] UDS - UNDISTURBED SAMPLE
 [Symbol] CR - CORE SAMPLE
 [Symbol] * W/ HYDROMETER ANALYSIS

図5-3-3 (211/221) 柱状図 (フェーズI実施分)

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS

BR - 9b

PROJECT: Pasig-Marikina River Channel Imp. Proj.

LOCATION: Right Bank, Pascual, Bagong Ilog, Pasig

BH NO: BR-9 DATE DRILLED: 17 - 20 November 2000

GROUND ELEV. (MLLW = Zero Datum) + 13.749

STATION NO.: 0 + 825

WEATHER: FAIR

DEPTH OF WATER: 0.25 m.

DATE MEASURED: 19 Nov. 2000

TIME MEASURED: 8:00 AM

COORDINATES: 1610575.310 N, 507638.879 E

DEPTH, m	SAMPLE NO.	RECOVERY (%) SAMPLE	LOG SYMBOL	CLASSIFICATION	RQD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)				NATURAL MOIST. CONTENT, %	TOTAL UNIT WEIGHT, g/cc	ATTERBERG LIMITS		SPECIFIC GRAVITY	UNCONFINED COMP. TEST		SIEVE ANALYSIS % PASSING SIEVE				
							15 cm	15 cm	15 cm	(N-VALUE)						LIQUID LIMIT, %	PLASTICITY INDEX, %		STRENGTH kg/cm ²	STRAIN W, %	4	10	40	200	
21	SS-19	89	[Symbol]	CH		Silty CLAY; dark gray; 87-98% very high plasticity clay with traces of gravel; STIFF.	6	7	9					34	68	41	2.60						100	98	
22	SS-20	67	[Symbol]	SP		Silty Fine SAND; dark gray; mostly very fine sand; with non-plastic silt; VERY DENSE.	10	23	27/10																
23	SS-21	89	[Symbol]				9	6	7																
24	SS-22	89	[Symbol]	CH		Silty CLAY; brown; 85-98% high plasticity clay with very little fine sand; FIRM to STIFF.	4	5	6					34	56	32	2.60						100	98	
25	SS-23	89	[Symbol]				5	5	6																
26	SS-24	89	[Symbol]				3	3	6																
27	SS-25	89	[Symbol]				9	4	7					37	58	34	2.60					100	99	85	
28	SS-26	78	[Symbol]	GM TS		Sandy GRAVEL; brown to gray; 43% angular to sub-angular gravel; 37% fine to coarse sand; 20% non-plastic fines; (Weathered Tuffaceous Sandstone); VERY DENSE.	7	16	34/3																
29	SS-27	89	[Symbol]				48	31	19/10					7			2.65					57	43	29	20
30	SS-28	89	[Symbol]				40	36	14/8																
30						End of Boring (29.93 m)																			



BASIC TECHNOLOGY AND MANAGEMENT CORPORATION
 2nd Floor Prudential Bank Building,
 1377 A. Mabini St., Ermita, Manila

MACHINE: ACKER ACE
 DRILLER: E. RIEZA
 SUPERVISOR: M. Estaura

LEGEND:

[Symbol]	SS - SPLIT SPOON SAMPLE
[Symbol]	WS - WASH SAMPLE
[Symbol]	UDS - UNDISTURBED SAMPLE
[Symbol]	CR - CORE SAMPLE
[Symbol]	W/ HYDROMETER ANALYSIS

図5-3-3 (212/221) 柱状図 (フェーズI実施分)

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS BR - 11

PROJECT: Pasig-Marikina River Channel Imp. Proj.
 LOCATION: R. Bank, Republic Cement, Ugong, Pasig
 BH NO: BR - 11 DATE DRILLED: 07 - 08 December 2000

GROUND ELEV. (MLLW = Zero Datum) + 8.270
 STATION NO.: 3 + 900
 WEATHER: FAIR
 COORDINATES: 1613300.606 N, 508822.110 E
 DEPTH OF WATER: 3.50 m.
 DATE MEASURED: 08 Dec. 2000
 TIME MEASURED: 7:00 AM

DEPTH, m	SAMPLE NO.	RECOVERY (%)	LOG SYMBOL	CLASSIFICATION	RQD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)					NATURAL MOIST. CONTENT, %	TOTAL UNIT WEIGHT, g/cc	ATTERBERG LIMITS		SPECIFIC GRAVITY	UNCONFINED COMP. TEST		SIEVE ANALYSIS % PASSING SIEVE				
							15 cm	15 cm	15 cm	(N-VALUE)							LIQUID LIMIT, %	PLASTICITY INDEX, %		STRENGTH kg/cm ²	STRAIN %	4	10	40	200	
1	SS-1	89	[Symbol]	SP		Fine SAND; brown; 71% fine sand; 19% medium sand; 9% silt; VERY LOOSE.	1	1	2										2.63			100	99	80	9	
2	SS-2	89	[Symbol]				3	2	3																	
3	SS-3	100	[Symbol]				2	2	1																	
4	SS-4	100	[Symbol]				2	1	1				43	65	44	2.60								100	97	
5	UDS-1	100	[Symbol]				PRESSED						76	1.51	75	48	2.60	0.85	5.14		98	97	96	94*		
6	SS-5	100	[Symbol]				2	2	2																	
7	SS-6	100	[Symbol]			Silty CLAY; dark gray; 94-98% high plasticity silty clay; SOFT to FIRM.	2	2	3																	
8	SS-7	100	[Symbol]				1	2	3				57	67	45	2.60							100	99	97	
9	SS-8	100	[Symbol]				2	2	3																	
10	SS-9	100	[Symbol]	CH			2	2	2																	
11	SS-10	100	[Symbol]				2	2	3				79	83	57	2.60							100	99	98	98
12	SS-11	100	[Symbol]				2	2	3																	
13	SS-12	100	[Symbol]				2	3	3																	
14	SS-13	100	[Symbol]			Sandy CLAY; gray to yellowish brown; 68% medium to high plasticity clay with 30% fine to medium sand; STIFF to VERY STIFF.	5	5	7				33	56	35	2.61							100	98	86	68
15	SS-14	100	[Symbol]				6	6	9																	
16	SS-15	100	[Symbol]				7	11	13																	
17	SS-16	83	[Symbol]			Silty CLAY; light brown; 97% high plasticity silty clay; HARD.	19	36	14/6				43	72	46	2.60								100	97	
18	SS-17	100	[Symbol]				15	19	28																	
19						End of Borehole (18.00 m)																				
20																										



BASIC TECHNOLOGY AND MANAGEMENT CORPORATION
 2nd Floor Prudential Bank Building,
 1377 A. Mabini St., Ermita, Manila

MACHINE: ACKER ACE
 DRILLER: J. MADERA
 SUPERVISOR: M. VILLAFUERTE

LEGEND:
 [Symbol] SS - SPLIT SPOON SAMPLE
 [Symbol] WS - WASH SAMPLE
 [Symbol] UDS - UNDISTURBED SAMPLE
 [Symbol] CR - CORE SAMPLE
 * W/ HYDROMETER ANALYSIS

図5-3-3 (214/221) 柱状図 (フェーズI実施分)

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS BR - 12

PROJECT: Pasig-Marikina River Channel Imp. Proj.
 LOCATION: R. Bank, Green Meadows, Bagumbayan, Pasig
 BH NO: BR - 12 DATE DRILLED: 08 December 2000

GROUND ELEV. (MLLW = Zero Datum) + 8.560
 STATION NO.: 5 + 250
 WEATHER: F A I R
 COORDINATES: 1614649.271 N, 508728.446 E

DEPTH OF WATER: 1.20 m.
 DATE MEASURED: 08 Dec. 2000
 TIME MEASURED: 5:30 PM

DEPTH, m	SAMPLE NO.	RECOVERY (%)	LOG SYMBOL	CLASSIFICATION	RQD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT) (N-VALUE)	NATURAL MOIST. CONTENT, %	TOTAL UNIT WEIGHT, g/cc	ATTERBERG LIMITS		SPECIFIC GRAVITY	UNCONFINED COMP. TEST		SIEVE ANALYSIS % PASSING SIEVE							
							15 cm	15 cm	15 cm				LIQUID LIMIT, %	PLASTICITY INDEX, %		STRENGTH kg/cm ²	STRAIN %	4	10	40	200				
1	SS-1	89	[Symbol]	CH		Silty CLAY; light gray to gray; 87-95% high plasticity clay with about 10% very fine sand; VERY SOFT.	1	0	0		64	62	37	2.60							100	95			
2	SS-2	89	[Symbol]		1		0	0																	
3	SS-3	89	[Symbol]		1		0	0																	
4	UDS-1	100	[Symbol]		PRESSED																				
5	SS-4	89	[Symbol]	SW SM		Gravelly SAND; dark gray; 58% well graded sands; 27% gravel; 15% non-plasticity silt; VERY DENSE.	1	0	0																
6	SS-5	100	[Symbol]		36		33	17	9																
7	CR-1	20	[Symbol]	TS	16	Tuffaceous SANDSTONE; grayish brown; medium grained poorly cemented; broken cores; HARD.	CORING																		
9	CR-2	32	[Symbol]		27		CORING																		
10	CR-3	55	[Symbol]	LT	50	Lapilli TUFF; grayish brown; medium to coarse grained; moderately cemented; 50% solid cores; VERY HARD.	CORING																		
12	CR-4	27	[Symbol]		20		CORING																		
13	CR-5	37	[Symbol]	SS	30	SILTSTONE; brown; fine grained; moderately cemented; broken cores; HARD.	CORING																		
15	CR-6	30	[Symbol]		25		CORING																		
15	End of Boring (15.00 m)																								

BASIC TECHNOLOGY AND MANAGEMENT CORPORATION
 2nd Floor Prudential Bank Building,
 1377 A. Mabini St., Ermita, Manila

MACHINE: ACKER ACE
 DRILLER: E. RIEZA
 SUPERVISOR: M. VILLAFUERTE

LEGEND:
 [Symbol] SS - SPLIT SPOON SAMPLE
 [Symbol] WS - WASH SAMPLE
 [Symbol] UDS - UNDISTURBED SAMPLE
 [Symbol] CR - CORE SAMPLE
 [Symbol] W/ - HYDROMETER ANALYSIS

図5-3-3 (215/221) 柱状図 (フェーズI実施分)

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS BR - 13

PROJECT: Pasig-Marikina River Channel Imp. Proj.

GROUND ELEV. (MLLW = Zero Datum) + 14.975

DEPTH OF WATER: 4.00 m.

LOCATION: Right Bank, Industrial Valley, Marikina

STATION NO.: 9 + 125

DATE MEASURED: 15 Nov. 2000

WEATHER: FAIR

TIME MEASURED: 8:00 AM

BH NO: BR-13 DATE DRILLED: 07 - 15 November 2000

COORDINATES: 1616736.167 N, 508348.921 E

DEPTH, m	SAMPLE NO.	RECOVERY (%)	LOG SYMBOL	CLASSIFICATION	ROD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)					NATURAL MOIST. CONTENT, %	TOTAL UNIT WEIGHT, g/cc	ATTERBERG LIMITS		SPECIFIC GRAVITY	UNCONFINED COMP. TEST		SIEVE ANALYSIS % PASSING SIEVE			
							15 cm	15 cm	15 cm	(N-VALUE)							LIQUID LIMIT, %	PLASTICITY INDEX, %		STRENGTH kg/cm ²	STRAIN %	4	10	40	200
1	SS-1	33	[Symbol]	CH		Sandy CLAY; brown; 50% high plasticity clayey fines with 50% very fine sand; SOFT.	1	2	2	10	20	30	40	50	42	58	36	2.62						100	50
2	SS-2	22	[Symbol]				2	2	1																
3	SS-3	44	[Symbol]	CL		Sandy CLAY; brown; 73% low to medium plasticity clay with 30% very fine sand; SOFT.	1	1	1																
4	SS-4	44	[Symbol]				1	1	2						46	45	24	2.61						100	73
5	SS-5	56	[Symbol]				1	2	2																
6	SS-6	22	[Symbol]	GW		Sandy GRAVEL; brown; 62% gravel with 33% coarse to fine sand and 5% silt; MEDIUM DENSE.	5	6	6																
7	SS-7	22	[Symbol]				8	9	8						8			2.65			38	22	10	5	
8	SS-8	78	[Symbol]				5	5	6																
9	SS-9	67	[Symbol]	CH		Silty CLAY; creamy brown to brown; 97% medium to high plasticity clay with 2% fine sand; STIFF.	5	6	9																
10	SS-10	67	[Symbol]				5	7	7						37	55	33	2.60					100	99	97
11	SS-11	78	[Symbol]				4	5	6																
12	SS-12	67	[Symbol]	CL		Sandy CLAY; brown; 74% low plasticity clay with 25% very fine sand; STIFF.	5	6	6																
13	SS-13	78	[Symbol]				5	6	6						32	45	20	2.61					100	99	74
14	SS-14	67	[Symbol]				6	6	7																
15	SS-15	56	[Symbol]	SM		Silty Fine SAND; brown; 72% fine sand with 27% non-plastic silty fines; MEDIUM DENSE.	6	9	12																
16	SS-16	44	[Symbol]				10	11	13						38			2.63					100	99	27
17	SS-17	44	[Symbol]	SP		Medium to Coarse SAND; brown; presence of pea-size gravel; DENSE.	11	17	28																
18	SS-18	56	[Symbol]				8	8	13																
19	SS-19	67	[Symbol]	CH		Silty CLAY; brown to dark gray; 96% high plasticity clay with 4% fine to medium sand; VERY STIFF to HARD.	11	13	17						40	61	39	2.60					100	99	96
20	SS-20	44	[Symbol]				12	11	17																

BASIC TECHNOLOGY AND MANAGEMENT CORPORATION
 2nd Floor Prudential Bank Building,
 1377 A. Mabini St., Ermita, Manila

MACHINE: ACKER ACE
 DRILLER: I. ANDOYO
 SUPERVISOR: M. Estaura

LEGEND:
 [Symbol] SS - SPLIT SPOON SAMPLE
 [Symbol] WS - WASH SAMPLE
 [Symbol] UDS - UNDISTURBED SAMPLE
 [Symbol] CR - CORE SAMPLE
 [Symbol] * W/ HYDROMETER ANALYSIS

図5-3-3 (216/221) 柱状図 (フェーズI実施分)

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS BR - 15

PROJECT: Pasig-Marikina River Channel Imp. Proj.
 LOCATION: R. Bank, Provident Vill. near Marikina Bridge
 BH NO: BR - 15 DATE DRILLED: 31 Oct. - 01 Nov. 2000

GROUND ELEV. (MLLW = Zero Datum) + 13.448
 STATION NO.: 12+ 850
 WEATHER: RAINY / CLOUDY

DEPTH OF WATER: 0.60 m.
 DATE MEASURED: 01 Nov. 2000
 TIME MEASURED: 12:00 NN

COORDINATES: 1618380.038 N, 509910.298 E

DEPTH, m	SAMPLE NO.	RECOVERY (%) SAMPLE	LOG SYMBOL	CLASSIFICATION	ROD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT) (N-VALUE)					NATURAL MOIST. CONTENT, %	TOTAL UNIT WEIGHT, g/cc	ATTERBERG LIMITS		SPECIFIC GRAVITY	UNCONFINED COMP. TEST		SIEVE ANALYSIS % PASSING SIEVE			
							15 cm	15 cm	15 cm	10	20	30	40	50			LIQUID LIMIT, %	PLASTICITY INDEX, %		STRENGTH kg/cm ²	STRAIN N, %	4	10	40	200
1	SS-1	78	[Symbol]	SM		Silty SAND; brown; almost equal mixture of fine sand and non-plastic silt; LOOSE.	1	3	3						29			2.62			100	99	92	49	
2	SS-2	67	[Symbol]				2	2	3																
3	SS-3	89	[Symbol]	GM		Sandy GRAVEL; grayish brown; 41% sub-angular gravel with 31% coarse to medium sand and 23% non-plastic silt; MEDIUM DENSE.	8	16	24																
4	SS-4	33	[Symbol]				15	14	2						12			2.64			59	42	28	23	
5	SS-5	67	[Symbol]				3	2	5																
6	SS-6	89	[Symbol]	SC		Clayey SAND; dark gray; 51% fine sand mixed with 46% slight plasticity clayey fines; LOOSE.	3	2	3																
7	SS-7	89	[Symbol]				5	4	4																
8	UDS-1	60	[Symbol]				PRESSED								28	1.71	51	31	2.61	0.62	2.86	89	86	85	79
9	SS-8	89	[Symbol]	CH		Silty CLAY; gray; 78-79% medium to high plasticity clay with about 11% gravel and 10-11% fine to coarse sand; FIRM.	2	2	4																
10	UDS-2	60	[Symbol]				PRESSED								17	1.72	57	36	2.61	0.47	2.29	89	86	85	78
11	SS-9	89	[Symbol]				2	1	5																
12	SS-10	78	[Symbol]	SM		Silty Fine SAND; gray; 78% fine sand and 22% non-plastic silty fines; MEDIUM DENSE.	3	5	6						33			2.63							
13	SS-11	67	[Symbol]				5	7	4																
14	SS-12	67	[Symbol]	GM		Sandy GRAVEL; gray; 59% rounded to sub-rounded gravel with 25% fine to coarse sand and 15% silt; DENSE to VERY DENSE.	14	18	25																
15	SS-13	56	[Symbol]				27	32	19	5					5			2.65			41	33	24	15	
16						End of Borehole (14.90 m)																			

BASIC TECHNOLOGY AND MANAGEMENT CORPORATION
 2nd Floor Prudential Bank Building,
 1377 A. Mabini St., Ermita, Manila

MACHINE: ACKER ACE
 DRILLER: E. RIEZA
 SUPERVISOR: M. VILLAFUERTE

LEGEND:
 [Symbol] SS - SPLIT SPOON SAMPLE
 [Symbol] WS - WASH SAMPLE
 [Symbol] UDS - UNDISTURBED SAMPLE
 [Symbol] CR - CORE SAMPLE
 [Symbol] * W/ HYDROMETER ANALYSIS

図5-3-3 (219/221) 柱状図 (フェーズI実施分)

FINAL BOREHOLE LOG AND SUMMARY OF TEST RESULTS **BR - 17**

PROJECT: Pasig-Marikina River Channel Imp. Proj.
LOCATION: R. Bank, Loyola Grand near Tumana Bridge, Mkna
BH NO: BR - 17 **DATE DRILLED:** 07 - 08 November 2000

GROUND ELEV. (MLLW = Zero Datum) + 16.533
STATION NO.: 15 + 935
WEATHER: FAIR

DEPTH OF WATER: 5.70 m.
DATE MEASURED: 14 Nov. 2000
TIME MEASURED: 10:00 AM

COORDINATES: 1621000.538 N, 510195.850 E

DEPTH, m	SAMPLE NO.	RECOVERY (%)	LOG SYMBOL	CLASSIFICATION	RQD	DESCRIPTION	BLOWS (SPT)			STANDARD PENETRATION TEST (SPT)					NATURAL MOIST. CONTENT, %	TOTAL UNIT WEIGHT, g/cc	ATTERBERG LIMITS		SPECIFIC GRAVITY	UNCONFINED COMP. TEST		SIEVE ANALYSIS % PASSING SIEVE			
							15 cm	15 cm	15 cm	(N-VALUE)							LIQUID LIMIT, %	PLASTICITY INDEX, %		STRENGTH kg/cm ²	STRAIN W, %	4	10	40	200
1	SS-1	100	[Symbol]	CH		Sandy CLAY; brown; 66% high plasticity clay with 26% fine sand; 10% medium to coarse sand; SOFT to FIRM.	2	2	3						30	59	37	2.61			99	97	92	66	
2	SS-2	67	[Symbol]					2	2	2															
3	SS-3	100	[Symbol]					2	2	1															
4	SS-4	100	[Symbol]				Sandy CLAY; brown; 64% high plasticity clay with 23% fine to medium sand; contains 8% gravel and little coarse sand; FIRM.	8	4	3						30	57	35	2.61			92	87	77	64
5	SS-5	100	[Symbol]					4	3	4															
6	SS-6	100	[Symbol]				Silty CLAY; grayish brown; 84% high plasticity clay with about 9% fine sand; VERY STIFF.	6	8	10															
7	SS-7	100	[Symbol]					6	7	8						34	57	34	2.61			100	99	95	84
8	SS-8	100	[Symbol]				Silty CLAY; grayish brown; 90% high plasticity clay; about 10% fine sand; HARD.	7	19	30															
9	SS-9	78	[Symbol]					20	37	5															
10	SS-10	44	[Symbol]					22	50	5						43	67	44	2.60			99	99	98	90
11	SS-11	44	[Symbol]	SM		Medium to Coarse SAND; light brown to brown; with appreciable amount of non-plastic fines and some gravels; VERY DENSE.	30	50	5																
12	SS-12	56	[Symbol]					28	50	5															
13	SS-13	56	[Symbol]				Silty SAND; light brown; 60-65% fine to medium sand with 30-31% non-plastic silt; 3-7% coarse sand and traces of gravels; VERY DENSE.	30	50							41		2.63			97	90	68	30	
14	SS-14	44	[Symbol]					35	50																
15	SS-15	44	[Symbol]					40	50	5						45		2.63			100	97	69	31	
16						End of Borehole (14.75 m)																			

BASIC TECHNOLOGY AND MANAGEMENT CORPORATION
 2nd Floor Prudential Bank Building,
 1377 A. Mabini St., Ermita, Manila

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

LEGEND:
 [Symbol] SS - SPLIT SPOON SAMPLE
 [Symbol] WS - WASH SAMPLE
 [Symbol] UDS - UNDISTURBED SAMPLE
 [Symbol] CR - CORE SAMPLE
 [Symbol] * W/ HYDROMETER ANALYSIS

図5-3-3 (221/221) 柱状図 (フェーズI実施分)

表

表5-4-1 (1/6) ボーリングN値表 (本詳細設計実施分)

LEFT BANK BOREHOLE NO.	DD-BH-L01		DD-BH-L02		DD-BH-L03		DD-BH-L04		DD-BH-L05		DD-BH-L06				
	DEPTH(m)	N-VALUE	DEPTH(m)	N-VALUE	DEPTH(m)	N-VALUE	DEPTH(m)	N-VALUE	DEPTH(m)	N-VALUE	DEPTH(m)	N-VALUE			
	1		1		1		1		1		1				
	2	4	Dc	7	As	4	As	2	2	13	GFw	2	12	GFw	
	3	4	Dc	3	4	As	3	12	GFw	3	15	GFw	3	16	GFw
	4	0	Dc	4	12	As	4	9	GFw	4	14	GFw	4	8	GFw
	5	6	Dc	5	11	As	5	0	Dc	5	11	GFw	5	10	GFw
	6	10	Dc	6	5	As	6	7	Dc	6	25	GFw	6	coring	GFf
	7	7	Dc	7	23	As	7	9	GFw	7	29	GFw	7	coring	GFf
	8	34	As	8	13	GFw	8	17	GFw	8	100	GFf	8	coring	GFf
	9	25	Dc	9	31	As	9	10	GFw	9	coring	GFf	9	coring	GFf
	10	30	GFw	10	3	Dc	10	10	GFw	10	coring	GFf	10	coring	GFf
	11	38	GFw	11	19	Dc	11	10	GFw	11	coring	GFf			
	12	170	GFw	12	13	Dc	12	18	GFw	12	coring	GFf			
	13	50	GFf	13	6	Dc	13	17	GFf						
	14	100	GFf	14	12	Dc	14	18	GFf						
	15	150	GFf	15	12	Dc	15	18	GFf						
	16	52	GFf	16	18	Dc	16	17	GFf						
	17	64	GFf	17	19	GFw	17	23	GFf						
	18	18	GFf	18	16	GFw	18	21	GFf						
	19	61	GFf	19	19	GFw	19	23	GFf						
	20	136	GFf	20	40	GFf	20	24	GFf						
	21	150	GFf	21	65	GFf	21	24	GFf						
				22	21	GFf	22	22	GFf						
				23	26	GFf	23	22	GFf						
				24	30	GFf	24	25	GFf						
				25	25	GFf	25	26	GFf						
				26	25	GFf	26	22	GFf						
				27	16	GFf	27	44	GFf						
				28	24	GFf	28	100	GFf						
				29	31	GFf	29	100	GFf						
				30	50	GFf	30	150	GFf						
				31	50	GFf	31	150	GFf						

LEFT BANK BOREHOLE NO.	DD-BH-L07		DD-BH-L08		DD-BH-L09		DD-BH-L10		DD-BH-L11		DD-BH-L12				
	DEPTH(m)	N-VALUE	DEPTH(m)	N-VALUE	DEPTH(m)	N-VALUE	DEPTH(m)	N-VALUE	DEPTH(m)	N-VALUE	DEPTH(m)	N-VALUE			
	1		1		1		1		1		1				
	2	2	GFw	2	3	As	2	3	Ac	2	2	Ac	2	4	As
	3	13	GFw	3	3	As	3	2	Ac	3	4	As	3	10	As
	4	13	GFw	4	3	As	4	3	As	4	5	Ac	4	12	As
	5	12	GFw	5	4	As	5	2	Ac	5	14	Ac	5	16	As
	6	11	GFw	6	17	Dc	6	0	Ac	6	26	As	6	12	As
	7	14	GFw	7	24	Dc	7	5	As	7	24	As	7	24	As
	8	coring	GFf	8	19	Dc	8	0	Ac	8	46	As	8	23	As
	9	coring	GFf	9	19	Dc	9	28	Dc	9	26	Dc	9	24	Dc
	10	coring	GFf	10	18	Dc	10	14	Ac	10	18	Dc	10	25	Dc
	11	coring	GFf	11	13	Dc	11	40	Dc	11	14	Dc	11	19	Dc
				12	15	Dc	12	18	Dc	12	coring	GFf	12	20	Dc
				13	17	Dc	13	11	Dc	13	coring	GFf	13	14	Dc
				14	14	Dc	14	50	Dc	14	coring	GFf	14	29	Dc
				15	19	Dc	15	61	Dc	15	coring	GFf	15	22	Dc
				16	19	Dc	16	67	Dc	16	coring	GFf	16	22	Dc
				17	300	GFf	17	38	Dc	17	28	Dc	17	20	Dc
				18	100	GFf	18	26	Dc	18	27	Dc	18	20	Dc
				19	100	GFf	19	21	Dc	19	25	Dc	19	21	Dc
				20	150	GFf	20	29	Dc	20	21	Dc	20	19	GFf
				21	300	GFf	21	29	Dc	21	26	Dc	21	22	GFf
							22	11	Dc	22	36	Dc	22	122	GFf
							23	13	Dc						
							24	13	Dc						
							25	19	Dc						
							26	16	Dc						
							27	41	Dc						
							28	42	Dc						
							29	36	GFf						
							30	41	GFf						
							31	47	GFf						

表5-4-1 (3/6) ボーリングN値表 (本詳細設計実施分)

BOREHOLE NO.	DD-BH-R01		DD-BH-R02		DD-BH-R03		DD-BH-R04		DD-BH-R05		DD-BH-R06	
	DEPTH (m)	FORMATION	DEPTH (m)	FORMATION	DEPTH (m)	FORMATION	DEPTH (m)	FORMATION	DEPTH (m)	FORMATION	DEPTH (m)	FORMATION
	1	coring	1		1		1		1		1	
	2	coring	2	Ac	2	Ac	2	Dc	2	Dc	2	Dc
	3	coring	3	GFF	3	As	3	Dc	3	Dc	3	Dc
	4	coring	4	GFF	4	GFF	4	Dc	4	Dc	4	Dc
	5	coring	5	GFF	5	Dc	5	Dc	5	Dc	5	Dc
	6		6	GFF	6	Dc	6	Dc	6	Dc	6	Dc
	7		7	GFF	7	Dc	7	Dc	7	Dc	7	Dc
	8		8	Dc	8	Dc	8	Dc	8	Dc	8	Dc
	9		9	Dc	9	Dc	9	Dc	9	Dc	9	Dc
	10		10	Dc	10	Dc	10	Dc	10	Dc	10	Dc
	11		11	Dc	11	Dc	11	Dc	11	Dc	11	Dc
	12		12	Dc	12	Dc	12	Dc	12	Dc	12	Dc
	13		13	Dc	13	Dc	13	Dc	13	Dc	13	Dc
	14		14	Dc	14	Dc	14	Dc	14	Dc	14	Dc
	15		15	Dc	15	Dc	15	Dc	15	Dc	15	Dc
	16		16	Dc	16	Dc	16	Dc	16	Dc	16	Dc
	17		17	Dc	17	Dc	17	Dc	17	Dc	17	Dc
	18		18	Dc	18	Dc	18	Dc	18	Dc	18	Dc
	19		19	Dc	19	Dc	19	Dc	19	Dc	19	Dc
	20		20	Dc	20	Dc	20	Dc	20	Dc	20	Dc
	21		21	Dc	21	Dc	21	Dc	21	Dc	21	Dc
	22		22	Dc	22	Dc	22	Dc	22	Dc	22	Dc

BOREHOLE NO.	DD-BH-R07		DD-BH-R08		DD-BH-R09		DD-BH-R10		DD-BH-R11		DD-BH-R12	
	DEPTH (m)	FORMATION	DEPTH (m)	FORMATION	DEPTH (m)	FORMATION	DEPTH (m)	FORMATION	DEPTH (m)	FORMATION	DEPTH (m)	FORMATION
	1		1		1		1		1		1	
	2	14	2	12	2	21	2	9	2	3	2	0
	3	18	3	23	3	15	3	12	3	14	3	3
	4	13	4	13	4	17	4	19	4	16	4	13
	5	17	5	17	5	150	5	10	5	16	5	110
	6	13	6	12	6	coring	6	11	6	20	6	150
	7	coring	7	6	7	coring	7	16	7	12	7	150
	8	coring	8	10	8	coring	8	50	8	11	8	300
	9	coring	9	14	9	coring	9	63	9	11	9	100
	10		10	56	10		100	96	10	9	10	150
	11		11	150	11		100	GFF	11	10	11	100
	12		12	70	12		150	GFF	12	12	12	100
	13		13	150	13		150	GFF	13	11	13	44
	14		14	150	14		100	GFF	14	13	14	100
	15		15	150	15		150	GFF	15	13	15	100
	16		16	150	16		150	GFF	16	24	16	100
	17		17	70	17		150	GFF	17	41	17	100
	18		18	150	18				18	34	18	100
	19		19	150	19				19	18	19	130
	20		20	150	20				20	22	20	100
	21		21	150	21				21	23	21	150
									22	32	22	
									23	32	23	
									24	19	24	
									25	20	25	
									26	64	26	

表5-4-1 (6/6) ボーリングN値表 (本詳細設計実施分)

CAINTA/TAYTAY BOREHOLE NO.	DD-BH-C01		DD-BH-C02		DD-BH-C03		DD-BH-T01		DD-BH-T02			
	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION
	1	2	Ac2	0	Ac2	1	0	Ac2	1	23	As2	As2
	2	2	Ac2	0	Ac2	2	0	Ac2	2	21	As2	As2
	3	2	Ac2	0	Ac2	3	0	Ac2	3	21	As2	As2
	4	2	Ac2	0	Ac2	4	0	Ac2	4	21	As2	As2
	5	16	Ac2	3	Ac2	5	2	Ac2	5	21	As2	As2
	6	15	Ac2	6	Ac2	6	11	Ac2	6	21	As2	As2
	7	2	Ac2	16	Ac2	7	11	Ac2	7	21	As2	As2
	8	2	Ac1	17	Ac2	8	2	Ac1	8	2	As2	As2
	9	5	Ac1	2	Ac1	9	2	Ac1	9	2	As2	As2
	10	3	Ac1	10	Ac1	10	5	Ac1	10	9	As1	As1
	11	3	Ac1	11	Ac1	11	9	Ac1	11	10	As1	As1
	12	8	Ac1	12	Ac1	12	8	Ac1	12	contg	Ac1	Ac1
	13	16	As1	13	Ac1	13	11	Ac1	13	contg	Ac1	Ac1
	14	19	As1	14	Ac1	14	15	Ac1	14	contg	Ac1	Ac1
	15	19	As1	15	Ac1	15	17	Ac1	15	contg	Ac1	Ac1
	16	22	Ac1	16	Ac1	16	15	As1	16	15	23	Ac1
	17	44	Ac1	17	Ac1	17	25	As1	17	16	14	Dc1
	18	24	As1	18	As1	18	27	As1	18	17	13	Dc1
	19	40	As1	19	As1	19	25	As1	19	18	10	Dc1
	20	17	Dc1	20	As1	20	19	Dc1	20	19	11	Dc1
	21	22	Dc1	21	As1	21	27	Dc1	21	20	23	Dc1
	22	24	Dc1	22	As1	22	21	Dc1	22	21	13	Dc1
	23	25	Dc1	23	As1	23	22	Dc1	23	22	10	Dc1
	24	19	Dc1	24	Dc1	24	18	Dc1	24	22	10	Dc1
	25	18	Dc1	25	Dc1	25	19	Dc1	25	23	13	Dc1
	26	13	Dc1	26	Dc1	26	20	Dc1	26	24	9	Dc1
	27	13	Dc1	27	Dc1	27	25	Dc1	27	25	10	Dc1
	28	13	Dc1	28	Dc1	28	16	Dc1	28	26	9	Dc1
	29	25	Dc1	29	Dc1	29	27	Dc1	29	27	12	Dc1
	30	20	Dc1	30	Dc1	30	28	Dc1	30	24	11	Dc1
	31	19	Dc1	31	Dc1	31	29	Dc1	31	28	11	Dc1
	32	13	Dc1	32	Dc1	32	23	Dc1	32	29	8	Dc1
	33	19	Dc1	33	Dc1	33	18	Dc1	33	30	22	Dc1
	34	38	Dc1	34	Dc1	34	25	Dc1	34	21	23	Dc1
	35	37	Dc1	35	Dc1	35	31	Dc1	35	31	23	Dc1
	36	50	Dc1	36	Dc1	36	32	Dc1	36	32	29	Dc1
	37	50	Dc1	37	Dc1	37	16	Dc1	37	32	29	Dc1
	38	52	Dc1	38	Dc1	38	40	Dc1	38	33	33	Dc1
							50	Dc1	39	35	47	Dc1
							150	Dc1	40	36	39	Dc1
							38	Dc1	41	37	50	Dc1
									42	38	50	Dc1
									43	39	51	Dc1
									44	51	55	Dc1
									45	51	55	Dc1
									46	51	55	Dc1
									47	51	55	Dc1
									48	51	55	Dc1
									49	51	55	Dc1
									50	51	55	Dc1

表5-4-2 (1/6) ボーリングN値表 (フェーズI実施分)

BOREHOLE NO.	BMLL20(start)		BMLL21		BMLL22		BMLL23		BMLL24			
	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION
	1	7	GfW	1	15	As	1	5	As	1	1	As
	2	14	GfW	2	25	As	2	3	As	2	2	As
	3	45	GfW	3	17	As	3	6	As	3	3	As
	4		coring	4	23	As	4	7	Dc	4	2	As
	5		coring	5	19	As	5	8	Dc	5	5	GfW
	6		coring	6	26	Dc	6	9	Dc	6	5	GfW
	7		coring	7	21	Dc	7	10	Dc	7	7	GfW
	8		coring	8	22	Dc	8	26	Dc	8	12	GfW
	9		coring	9	22	Dc	9	40	Dc	9	13	GfW
	10		coring	10	26	Dc	10	16	GfW	10	19	GfW
	11		coring	11	36	Dc	11	19	GfW	11	14	GfW
	12		coring	12	51	Dc	12	19	GfW	12	14	GfW
	13		coring	13	50	GfT	13	21	GfW	13	21	GfW
	14		coring	14	50	GfT	14	46	GfT	14	19	GfW
	15		coring	15	50	GfT	15	40	GfT	15	21	GfT
	16		coring							16	29	GfT
										17	24	GfT
										18	24	GfT
										19	32	GfT
										20	38	GfT
										21	29	GfT
										22	37	GfT
										23	38	GfT
										24	50	GfT
										25	50	GfT

BOREHOLE NO.	BMLL25		BMLL26		BMLL27		BMLL28		BMLL29			
	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION
	1	4	Ac	1	0	Ac	1	3	Ac	1	1	Ac
	2	3	Ac	2	3	Ac	2	4	Ac	2	2	Ac
	3	4	As	3	9	Ac	3	2	Ac	3	4	Ac
	4	14	As	4	27	As	4	12	Ac	4	3	As
	5	44	Dc	5	50	As	5	8	As	5	3	As
	6	40	Dc	6	14	Ac	6	4	As	6	14	As
	7	42	Dc	7	17	Ac	7	23	Ac	7	28	Dc
	8	48	Dc	8	16	Ac	8	22	Ac	8	12	Dc
	9	48	Dc	9	19	Ac	9	33	Ac	9	17	Dc
	10	47	Dc	10	50	Dc	10	31	Dc	10	18	Dc
	11	50	Dc	11	25	Dc	11	21	Dc	11	24	Dc
	12	47	Dc	12	21	Dc	12	23	Dc	12	30	Dc
	13	50	Dc	13	16	Dc	13	24	Dc	13	36	Dc
	14	50	Dc	14	15	Dc	14	44	Dc	14	32	Dc
	15	50	Dc	15	16	Dc	15	23	Dc	15	32	Dc
				16	17	Dc	16	22	Dc	16	11	Dc
				17	20	Dc	17	50	Dc	17	16	Dc
				18	23	Dc	18	21	Dc	18	21	Dc
				19	30	Dc	19	22	Dc	19	22	Dc
				20	39	Dc	20	43	Dc	20	43	Dc

表5-4-2 (2/6) ボーリングN値表 (フェーズI実施分)

BOREHOLE NO.	BMLL29		BMLL30		BMLL31		BMLL32		BMLL33				
	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION	
	1	4	Ac	5	3	As	7	As	1	2	As	2	As
	2	3	Ac	7	2	As	2	As	2	2	As	2	As
	3	3	Ac	14	3	Ac	3	As	3	2	As	3	As
	4	3	Ac	20	4	Ac	6	As	4	3	As	4	As
	5	5	As	25	5	As	10	As	5	3	As	5	As
	6	5	As	13	6	As	35	Ac	6	15	DC	6	As
	7	50	As	19	7	As	23	As	7	23	DC	7	As
	8	10	DC	8	8	As	34	As	8	26	DC	8	As
	9	10	DC	28	8	As	23	As	9	50	GFw	9	As
	10	12	DC	10	10	As	26	As	10	24	GFw	10	As
	11	14	DC	11	11	As	26	As	11	24	GFw	11	As
	12	22	DC	44	12	Ac	31	DC	12	20	GFw	12	As
	13	30	DC	50	13	GFt	42	DC	13	20	GFw	13	As
	14	42	DC	49	14	GFt	38	DC	14	26	GFw	14	As
	15	41	DC	15	15	GFt	38	DC	15	50	GFt	15	As
	16	36	GFt										
	17	32	GFt										
	18	35	GFt										
	19	33	GFt										
	20	35	GFt										

BOREHOLE NO.	BMLL34		BMLL35		BMLL36		BMLL37		BMLL38					
	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION		
	1	4	As	2	4	As	5	Ac	1	3	Ac	1	Ac	
	2	11	As	2	3	As	2	Ac	2	0	Ac	2	Ac	
	3	15	As	3	50	As	3	Ac	3	0	Ac	3	Ac	
	4	13	As	4	11	As	4	22	Ac	4	7	Ac	4	Ac
	5	10	As	5	7	As	5	26	As	5	4	Ac	5	As
	6	10	As	6	7	As	6	10	As	6	19	DC	6	As
	7	11	As	7	13	As	7	24	As	7	32	DC	7	As
	8	22	As	8	28	As	8	28	DC	8	15	DC	8	As
	9	27	As	9	31	As	9	21	DC	9	17	DC	9	As
	10	30	As	10	33	As	10	29	DC	10	21	DC	10	As
	11	40	DC	11	30	As	11	27	DC	11	21	DC	11	As
	12	30	DC	12	37	DC	12	29	DC	12	50	DC	12	As
	13	31	DC	13	33	DC	13	20	DC	13	50	DC	13	As
	14	29	DC	14	36	DC	14	13	DC	14	50	DC	14	As
	15	30	DC	15	48	DC	15	30	DC	15	50	DC	15	As
	16	35	DC	16	50	DC	16	31	DC	16	50	DC	16	As
	17	36	DC	17	34	DC	17	30	DC	17	50	DC	17	As
	18	42	DC	18	39	DC	18	24	DC	18	50	DC	18	As
	19	50	GFt	19	32	DC	19	31	DC	19	50	DC	19	As
	20	50	GFt	20	35	DC	20	28	DC	20	50	DC	20	As

表5-4-2 (4/6) ボーリングN値表 (フェーズI実施分)

BOREHOLE NO.	BMRL22(start)		BMRL23		BDM9		BDM10		BMRL24		BMRL25			
	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION		
	1	2	As	4	As	1	33	As	1	6	As	1	2	Ac
	2	2	As	12	As	2	12	As	2	7	As	2	6	Ac
	3	2	As	8	As	3	12	As	3	9	GFw	3	5	Ac
	4	3	As	11	Dc	4	4	As	4	8	GFw	4	11	As
	5	8	Dc	7	Dc	5	9	As	5	14	As	5	19	As
	6	15	Dc	4	Dc	6	8	Dc	6	10	GFw	6	13	GFw
	7	23	Dc	3	Dc	7	4	Dc	7	12	GFw	7	28	As
	8	28	Dc	8	Dc	8	4	Dc	8	13	GFw	8	41	GFw
	9	40	GFw	5	Dc	9	4	Dc	9	18	GFw	9	50	As
	10	24	GFw	10	Dc	10	27	Dc	10	21	GFw	10	50	GFw
	11	24	GFw	11	Dc	11	28	Dc	11	26	GFw	11	23	GFw
	12	20	GFw	12	Dc	12	20	GFw	12	20	GFw	12	38	GFw
	13	20	GFw	13	GFw	13	42	GFw	13	24	GFw	13	50	GFw
	14	28	GFw	14	GFw	14	50	GFw	14	23	GFw	14	50	GFw
	15	50	GFT	15	GFw	15	50	GFw	15	23	GFw	15	18	GFw
									16	24	GFw	16	31	GFw
									17	24	GFw	17	28	GFw
									18	50	GFw	18	26	GFw
									19	50	GFw	19	42	GFw
									20	50	GFw	20	45	GFw
									21	40	GFw	21	40	GFw

BOREHOLE NO.	BDM11		BMRL25		BDM26		BRI3		BMRL27		BMRL28			
	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION	DEPTH(m)	N-VALUE	FORMATION		
	1	7	Ac	4	As	1	10	Ac	1	2	Ac	1	2	Ac
	2	6	As	12	As	2	7	Ac	2	3	Ac	2	2	Ac
	3	7	As	8	As	3	3	Ac	3	2	Ac	3	2	Ac
	4	12	Dc	11	Dc	4	2	Ac	4	3	Ac	4	3	As
	5	13	Dc	7	Dc	5	3	Ac	5	2	Ac	5	2	As
	6	16	Dc	6	Dc	6	23	As	6	4	Ac	6	2	As
	7	17	Dc	4	Dc	7	19	As	7	12	As	7	46	As
	8	16	Dc	8	Dc	8	17	As	8	9	As	8	50	As
	9	20	Dc	9	Dc	9	19	Dc	9	11	Dc	9	13	Dc
	10	27	Dc	10	Dc	10	18	Dc	10	15	Dc	10	13	Dc
									11	14	Dc	11	18	Dc
									12	11	Dc	12	26	Dc
									13	29	Dc	13	33	Dc
									14	32	Dc	14	33	Dc
									15	32	Dc	15	50	Dc
									16	25	Dc	16	50	Dc
									17	28	Dc	17	37	Dc
									18	28	Dc	18	45	Dc
									19	37	Dc	19	45	Dc
									20	36	Dc	20	45	Dc
									21	32	Dc	21	33	Dc
									22	36	Dc	22	33	Dc
									23	30	Dc	23	16	Dc
									24	31	Dc	24	16	Dc
									25	29	Dc	25	16	Dc
									26	23	Dc	26	16	Dc
									27	29	Dc	27	16	Dc
									28	50	Gff	28	50	Gff
									29	50	Gff	29	50	Gff
									30	50	Gff	30	50	Gff

写真



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Manggahan, Pasig City
DD-BH-L01



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Santolan, Pasig City
DD-BH-L02



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Santolan, Pasig City
DD-BH-L03



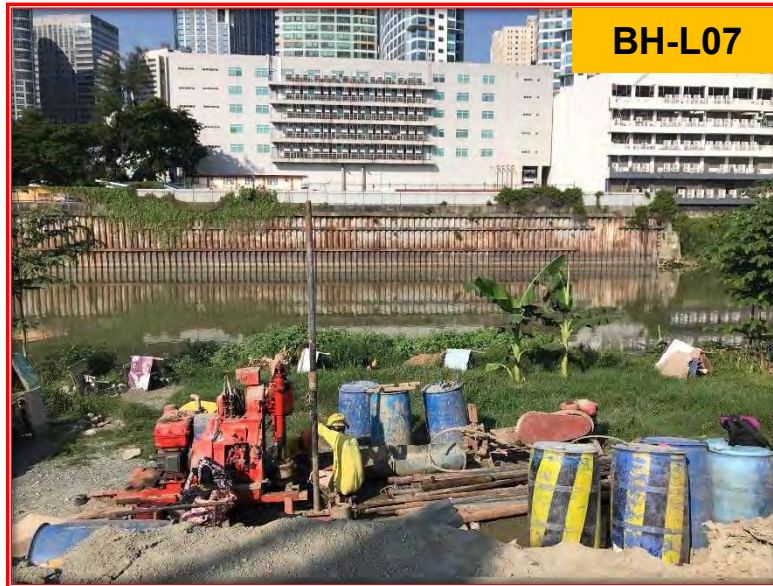
PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Santolan, Pasig City
DD-BH-L04



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Santolan, Pasig City
DD-BH-L05



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Santolan, Pasig City
DD-BH-L06



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Santolan, Pasig City
DD-BH-L07



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Santolan, Pasig City
DD-BH-L08



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Santolan, Pasig City
DD-BH-L09



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Santolan, Pasig City
DD-BH-L10



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Calumpang, Marikina City
DD-BH-L11



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Calumpang, Marikina City
DD-BH-L12



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Calumpang, Marikina City
DD-BHL13



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Calumpang, Marikina City
DD-BH-L14



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Bagumbayan, Quezon City
DD-BH-R03



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Bagumbayan, Quezon City
DD-BH-R04



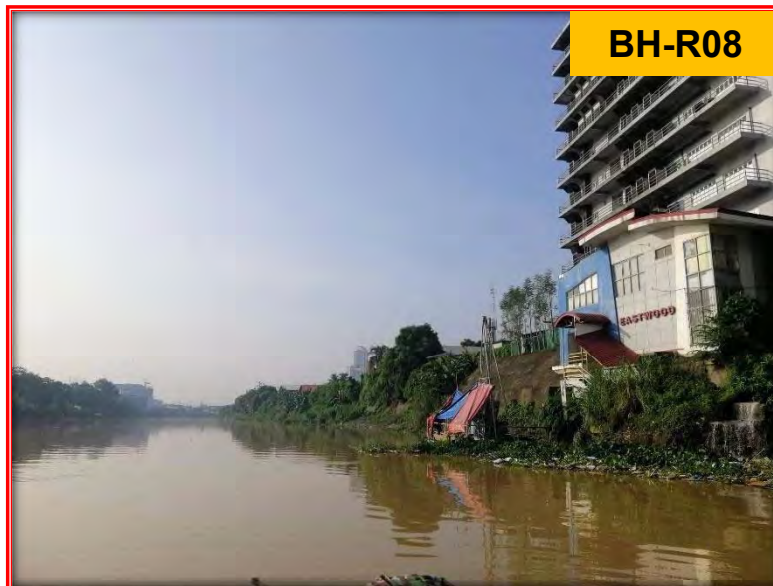
PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Bagumbayan, Quezon City
DD-BH-R05



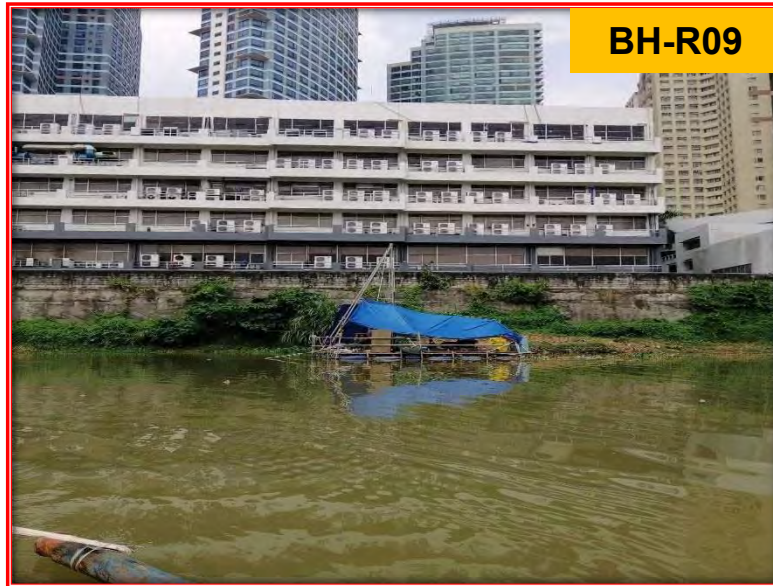
PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Calumpang, Quezon City
DD-BH-R06



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Bagumbayan, Quezon City
DD-BH-R07



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Bagumbayan, Quezon City
DD-BH-R08



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Santolan, Quezon City
DD-BH-R09



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Santolan, Quezon City
DD-BH-R10



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Industrial Valley, Marikina City
DD-BH-R11



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Barangka, Marikina City
DD-BH-R12



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Tanong, Marikina City
DD-BH-R13



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Jesus De La Pena, Marikina City
DD-BH-R14



**PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Jesus De La Pena, Marikina City
DD-BH-R15**



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Jesus De La Pena, Marikina City
DD-BH-R16



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Jesus De La Pena, Marikina City
DD-BH-R17



PASIG-MARIKINA RIVER CHANNEL IMPROVEMENT
Jesus De La Pena, Marikina City
DD-BH-R18