



DRILL LOG HOLE NO. AD-1 SHEET NO. 1 OF 2

PROJECT	Study on Water Re	sources De	velop	ment for Metro Manila	DEPTH	50.00m	ELE V	/ATION	105.00m
SITE	Agos Damsite	COODIN	ATE	N 1,625,000; E 557,185	INCLINATION	Vertical	DRII	LL RIG	TS-50
CASING DEPTH	12.50m	DATE			DRILLED	S.Ecle	era		

		_	oil		Core Recovery				S	SPT-Te	est			
Elevation	E Depth	Column Section	Type of Rock or Soil	Description	R C D S S Rock Classification	G.W.L	N-Value	0	10	N 20	-Value	40	50	WPT-Test (Lugeon Value)
- park		200	Humic Soil		0.004			0.70	a					
101.10	3.9		Sandy Silt	0.20-3.90m Brown sandy silt with high plasticity. Extremely weathered zone.	(100) D (100)		14 19 50	1.00 1.70 2.00 2.70 3.00 3.70	0	(Jax	-			
			Sandy Silt with cobble and boulder	3.90-13.78m Gray to brown sandy silt with cobble and boulder of medium sandstone. Maximum size of boulder is 100cm in diameter.	0(19) 0(19) 0(19) 0(10) 0(10) 0(10) 0(10) 0(10) 0(10) 0(10) 0(10)		20	3.90						Lu'=6.5 (Pc=4.1)
91.30	13.70)===?		13.70-18.70m Gray sandstone, medium grained. Some calcite veins are observed with 1-2mm in thick and 70-80° of dip.	(65) CL (76) CL (10) CL (10) CL (100) CL									Lu'=6.6
			d Stone	18.70-22.20m Sandy silt with rock fragments.	(89) (189) (189)									(Pc=4.9)
			San	22.20-24.50m Gray sandstone, medium grained. Brownish surface of cracks with	(103) (103) (103) (100)									Lu'=11.0 (Pc=3.7)
				24.50-26.80m Gray sandstone, medium to coarse grained with a few granule. 26.80-28.90m Same as 22.50-24.50m.	(100) (100) (100) (100)	29.00								Lu'=7.7
	101.10	91.30 13.70	91.30 13.70	Sand Stone Sandy Silt with cobble and boulder	13.70-18.70m Gray sandstone, medium grained. Some calcite veins are observed with 1-2mm in thick and 70-80° of dip. 18.70-22.20m Sandy silt with rock fragments. 22.20-24.50m Gray sandstone, medium grained. Brownish surface of cracks with calcite veins dipping 80-85°. 24.50-26.80m Gray sandstone, medium to coarse grained with a few granule. 26.80-28.90m	13.70-18.70m Gray sandstone, medium grained. Some calcite veins are observed with 1-2mm in thick and 70-80° of dip. 18.70-22.20m Sandy silt with rock fragments.	13.70-18.70m Gray sandstone, medium grained. Some calcite veins are observed with 1-2mm in thick and 70-80° of dip. 18.70-22.20m Sandy silt with rock fragments.	13.70-18.70m Gray sandstone, medium grained. Some calcite veins are observed with 1-2mm in thick and 70-80° of dip. 18.70-22.20m Sandy silt with rock fragments.	101.10 130 1370 1370 1370 1370 1370 1370 137	13.70-18.70m Gray sandstone, medium grained. Some calcite veins are observed with 1-2mm in thick and 70-80° of dip. 18.70-22.20m Sandy silt with rock fragments.	13.70-18.70m Gray sandstone, medium grained. Some calcite veins are observed with 1-2mm in thick and 70-80° of dip. 18.70-22.20m Sandy silt with rock fragments.	13.70-18.70m Gray sandstone, medium grained. Some calcite veins are observed with 1-2mm in thick and 70-80° of dip. 18.70-22.20m Sandy silt with rock fragments.	13.70-18.70m Gray sandstone, medium grained. Some calcite veins are observed with 1-2mm in thick and 70-80° of dip. 18.70-22.20m Sandy silt with rock fragments.	13.70-18.70m Gray sandstone, medium grained. Some calcite veins are observed with 1-2mm in thick and 70-80° of dip. 18.70-22.20m Sandy silt with rock fragments.

DRILL LOG HOLE NO. AD-1 SHEET NO. 2 OF 2

PROJECT	Study on Water Re	sources D	evelop	ment for Metro Manila	DEPTH	50.00m	ELE V	ATION	105.00m
SITE	Agos Damsite	COODIN	IATE	N 1,625,000; E 557,185	INCLINATION	Vertical	DRII	LL RIG	TS-50
CASING DEPTH	12.50m	DATE			DRILLED	S.Ecle	era		

			_	lio		Core Recovery				SPT-	Test		
	E Elevation	E Depth	Column Section	Type of Rock or Soil	Description	Core Recovery R Q D O SO 100 0 50 100	G.W.L	N-Value	0	10	N-Value 20 30	40	WPT-Test (Lugeon Value)
31 32 33 34					28.90-50.00m Gray sandstone, medium to coarse grained. Cracky in 30.80-33.10m and 43.0-50.00m with calcite vein of 70-80° dip. Below 35.40m, calcite vein rich	(100) (100) (100) (100) (100) (100) (100) (100)					20 30	40	Lu'=5.4 (Pc=7.4
35 36 37 38 39				Sand Stone	dipping 30-50° and 70-80°.	(100) (100) (100) (100) (100) (100) (100) (100) (100) (100) (100)							Lu=3.1
40 41 42 43 44				Sand	Calcite veins in 42.50-50.00m is pinkish in color.	(100) (100) (100) (20) (100) (20) (100) (100)							Lu'=8.1 (Pc=6.9
45 46 47 48 49	***	50.00				[0] (100) (00) (0) (100) (156) (100) (64) (100) (100)							Lu'=10. (Pc=6.7

DRILL LOG HOLE NO. AD-2 SHEET NO. 1 OF 3

PROJECT	Study on Water Re	sources Develo	pment for Metro Manila	DEPTH	70.00m	ELEVA	ATION	40.20m
SITE	Agos Damsite	COODINATI	E N 1,624,848; E 557,237	INCLINATION	Vertical	DRILL	RIG	LY 34
CASING DEPTH	34.60m	DATE		DRILLED	D.Mago	dua		

		п	Soil		Core Recovery			S	PT-Test		
E Elevation		Column Section	Type of Rock or Soil	Description	Rock Classification	G.W.L		0 10	N-Value 20 30	40 5	WPT-Test (Lugeon Value)
1				0.00-36.50m Grayish sand and gravel, riverbed	\(\frac{44}{1}\)	0.4		-	+		
2				deposit.	(19)			-	++		
3				Consisting mainly of very firm	1					_	
4				gravels of sandstone and shale.	400						
				Diameter of gravel is 1-30cm in average and 70cm in maximum.							
5				average and 70cm in maximum.	9-(54)						1
6					1250				++		
7										-	
8					4(80)			-	\perp		
9					1000						
					1000		1				
0					4(36)						
1					80600						
2									+	-	
3			_						+		
4			Sand and Gravel		3(70)						
5			D pu		(38)						
1			nd a		(10)						
6	1		Sa		9[55)		1				
7	-				(60)				1		
8								-		-	
9								1		-	
0					[14] (45)						
i					(60)						1.5 1.5
					(65)						
2					444						
3					1						+
4					60)					-	
5								-			0
6					353)						
1					700						
7											
8					700						1
9					[20] 5(60)						f
0					1209						

DRILL LOG HOLE NO. AD-2 SHEET NO. 2 OF 3

	PROJECT	Study on Water Re	sources De	evelop	ment for Metro Manila	DEPTH	70.00m	ELEV	ATION	40.20m
Г	SITE	Agos Damsite	COODIN	IATE	N 1,624,848; E 557,237	INCLINATION	Vertical	DRII	LL RIG	LY 34
C	CASING DEPTH	34.60m	DATE			DRILLED	D.Mago	dua		

Hade C		Description Description	R Q D N-Value 0 10 20 30 40 5	WPT-Test (Lugeon Value)
32 33 34 35 36 3.70 36.50 37 38 39 0.40 39.80 40 -0.20 40.40 41		Sand and Gravel	[57] (60) (150) (150) (60) (60)	
32 33 34 35 36 3.70 36.50 37 38 39 0.40 39.80 40 -0.20 40.40 41		Sand and Gravel	(64) (65) (44) (44)	
37 38 39 0.40 39.80 40 -0.20 40.40 41			(65)	
39 0.40 39.80 40 -0.20 40.40 41 42		36.50-39.80m	[ip]	
40 0.40 39.80 -0.20 40.40 41 42		Dark Gray sandstone, medium to coarse grained.	(1903) 11003 11003	Lu'=4.1 (Pc=6.0)
41 42	0	onglo .	11000	
42	O · · · me	39.80-40.40m	IND. (1909)	
		Conglomerate with rubble of several millimeter in diameter.	(100s 110cg	
473		40.40-55.20m	1004	Lu'=2.0
43		Same as 36.50-39.80m.	1004	(Pc=6.1)
44			1004 🛱	
45			1000	
46		au au	(100)	-
47	2	Around 40.50m, 47.70m, 48.80m, cracks with thin calcite veins	[1]	Lu'=3.1
48			(57)	(Pc=5.6)
49		dipping 80-90°. Specially surface of crack in	160) (300)	-
50		40.50m, shows brownish color.	195)	
51			1004	_
52			1100	Lu'=2.0
- 53			(100) (100)	(Pc=4.2)
54			(100) (1100)	
			(1000) 1100 1003 1093	
55 -15.00 55.20		55.20-63.60m	- desk 1100	
- 56	::::	Gray conglomerate with rubble	(100)	Lu'=2.1
- 57		Gray conglomerate with rubble of 0.5-5cm in diameter. Partially alternated with thin sandstone layer. Some cracks with	(400) (1100)	(Pc=4.2)
- 58	1	sandstone layer. Some cracks with	0,000	7
59		thin calcite vein dipping 80-90°	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

DRILL LOG HOLE NO. AD-2 SHEET NO. 3 OF 3

PROJECT	Study on Water Re	sources D	evelop	ment for Metr	o Manila	DEPTH	70.00m	ELEV	ATION	40.20m
SITE	Agos Damsite	COODIN	NATE	N 1,624,848;	E 557,237	INCLINATION	Vertical	DRII	LL RIG	LY 34
CASING DEPTH	34.60m	DATE				DRILLED	D.Mage	dua		

Core Recovery Core Recovery SPT-Test	- E
	(alley moon I)
61 21 25 25 25 25 26	Lu'=1. (Pc=5.
63.60-66.90m Gray sandstone, medium grained. 66.90-70.00m Gray sandstone, medium to coarse grained, with some calcite veins dipping 40-80°. In 68.70-68.90m, thin siltstone layer(45°).	Lu'=1. (Pc=6