


Appendix Figure 4. Bore Log (1/9)

 LOG OF DRILLHOLE		PROJECT : MARSHALL ISLANDS HIGH SCHOOL UP-GRADING/DEVELOPMENT PROJECT FEATURE : EDUCATIONAL AND CULTURAL CENTRE			HOLE No : DH1		
DESCRIPTION OF CORE WEATHERING, RELATIVE STRENGTH, COLOUR, NAME, DEFECT TYPE, LITHOLOGICAL FEATURES, (bedding, foliation, mineralogy, cement etc.) STRATIGRAPHIC UNIT		Test Result 'N'	Depth (m) H.A.D.	Graphic Log	DEFECT DESCRIPTION : (JOINTS, BEDDING, SEAMS, SHATTER, SHEAR AND CRUSH ZONES, FOLIATION, SCHISTOSITY - attitude, spacing, continuity, roughness, infilling, etc.) SOIL DESCRIPTION : (consistency, relative density, water content, plasticity, grading, group symbol etc.)	Water Level	Drilling Method
		21	1		White Sandy Gravel (<80mm) with Shell Dense, moist-dry, non-plastic	14/4/94 08:00 1.3m	TT
		>50	2		Dark gray - black Sandy Silt Compact, moist, non-plastic, non-organick		14/4/94 10:30 1.7m
		17	3		White Gravelly Sand Medium to Coarse Gravel<20mm Coarse from 1.6m		
		12	4		White Gravel with cemented shell 50 mm thick (< 60 mm ø)		WD
		11	5		White Sand with rare Gravel (Gravel < 20 mm ø, Sand medium) Compact, moist, non-plastic		TT
		12	6		White Gravel with Sand, Gravel < 60 mm ø and shell fragments fine to coarse,compact,moist		TT
		9	7		White Sand (Coarse) with shell fragments and rare Gravel (< 20 mm ø)		TT
		13	8		White Sand medium to coarse compact		TT
		8	9		With gravel < 50 mm ø		TT
		13	10		Becoming coarse shell fragments		TT
		11	11		With shell fragments < 4 mm		TT
		45	12		With Gravel < 50 mm ø		TT
		54	13		With Gravel < 50 mm ø		TT
		50	14		White Sand medium to coarse Compact, moist, non plastic		TT
		35	15		White Gravel 5 to 50 mm ø with 50 mm thick const lenses		TT
		41	16		White Sand		TT
		12	17		White Gravel and cemented coralline limestone < 60 mm ø with rare Sand		WD
		45	18		White Sand fine to coarse with Silt Dense		TT
		21	19		White Gravel with shell < 30 mm		TT
		3	20		White Sand fine to medium rare Gravel		WD
		17	21		END OF HOLE = 21.0 m		TT


DRILLER : J. Moore
 STARTED : 8/4/94
 FINISHED :
 DRILL : GEMCO PC 60

EXPLANATIONS
 SPT : Standard Penetration Test ('N' = Blows/300mm)
 ref : Refusal
 TT : Triple Tube
 WD : Wash Drill

: SPT
 : Sand size particles
 : Silt size particles
 : Gravel and Cobbles

DRG No
 21-404-12

Appendix Figure 4. Bore Log (2/9)

 17 GEORGE STREET, HENRIKGET BOX 4211 P.O. 375 1202 AUCKLAND		PROJECT : MARSHALL ISLANDS HIGH SCHOOL UP-GRADING/DEVELOPMENT PROJECT FEATURE : EDUCATIONAL AND CULTURAL CENTRE			HOLE No : DH2	
LOG OF DRILLHOLE		LOCATION : BY ROAD NORTH WEST CORNER ANGLE FROM HORIZONTAL : 90° DIRECTION : DOWN				
DESCRIPTION OF CORE WEATHERING, RELATIVE STRENGTH, COLOUR, NAME, DEFECT TYPE, LITHOLOGICAL FEATURES, (bedding, foliation, mineralogy, cement etc.) STRATIGRAPHIC UNIT	Test Result 'N'	Depth (m) H.A.D.	Graphic Log	DEFECT DESCRIPTION : (JOINTS, BEDDING, SEAMS, SHATTER, SHEAR AND CRUSH ZONES, FOLIATION, SCHISTOSITY - attitude, spacing, continuity, roughness, infilling, etc.) SOIL DESCRIPTION : (consistency, relative density, water content, plasticity, grading, group symbol etc.)	Water Level	Drilling Method
	50			White Silty Sandy Gravel < 15 m ø Dry	14/4/94 08:30 ▽ 1.15m	
	38	1		Inter mixed White and dark gray Silty Sandy Gravel		
	14			White Sand Coarse < 2 mm ø with rare Silt Compact, moist with rare Gravel < 15 mm ø from 2.5m	14/4/94 10:30 ▽ 2.12m	
	16	2				
	26					
	25	3				
	14			Very rare Gravel Sand medium to coarse		
	14	4				
	15			Increasing Gravel < 50 mm ø Hard from 6.5m		
	13	5				
	13			Interbedded with SILTY SAND well graded (about 30mm Layers) Dense		
	22	6				
	21			White Sandy Gravel < 20 mm ø		
	27	8				
	50+			Interbedded with SILTY SAND well graded (about 30mm Layers) Dense		
	50+	9				
	50+			White Sandy Gravel < 30 mm ø		
	50+	10				
	38			White cemented coral limestone Gravel with shell and Sand Hard		
	24	12				
	10			Hard Softer		
	10	13				
	50+			END OF HOLE = 21.0 m		
	50+	18				
	50+					
	50+	19				
	50+	20				
	50+	21				























DRILLER : J. Moore
 STARTED : 8/4/94
 FINISHED :
 DRILL : GEMCO PC 60

EXPLANATIONS
 SPT : Standard Penetration Test ('N' = Blows/300mm)
 ref : Refusal
 TT : Triple Tube
 WD : Wash Drill

☒ : SPT
 ◻ : Sand size particles
 ◻ : Silt size particles
 ◻ : Gravel and Cobbles



DRG No
 21-404-12

Appendix Figure 4. Bore Log (3/9)

		PROJECT : MARSHALL ISLANDS HIGH SCHOOL UP-GRADING/DEVELOPMENT PROJECT FEATURE : EDUCATIONAL AND CULTURAL CENTRE			HOLE No : DH3	
LOG OF DRILLHOLE		LOCATION : BY ROAD NORTH WEST CORNER ANGLE FROM HORIZONTAL : 90°			DIRECTION : DOWN	
DESCRIPTION OF CORE WETHERING, RELATIVE STRENGTH, COLOUR, NAME, DEFECT TYPE, LITHOLOGICAL FEATURES, (bedding, foliation, mineralogy, cement etc.) STRATIGRAPHIC UNIT	Test Result 'N'	Depth (m) H.A.D.	Graphic Log	DEFECT DESCRIPTION : (JOINTS, BEDDING, SEAMS, SHATTER, SHEAR AND CRUSH ZONES, FOLIATION, SCHISTOSITY - attitude, spacing, continuity, roughness, infilling, etc.) SOIL DESCRIPTION : (consistency, relative density, water content, plasticity, grading, group symbol etc.)	Water Level	Drilling Method
	3	1		White Sandy Gravel and Boulders Dense, Dry		WD
	7	2		Dark Gray with rare white Silty Sand fine loose, moist, none organic		WD
	17	3		White Silty Sand Gravel Compact, moist, interbedded well graded		WD
	13	4				WD
	11	5				WD
	50+	6				WD
	50+	7				WD
	50+	8		Gravel < 50 mm ϕ		WD
	11	9				WD
	33	10				WD
	1	11		loose Sand, not void		TT
	6	12		Sand layer with Silt and fine Gravel		WD
	50+	13		White Silty Sandy Gravel		WD
	1	14		loose Sand washed out of splits, SPT Remains only solid limestone and shell gravel		WD
	50+	15				WD
	50+	16		rare Gravel Sand medium to fine		WD
	50+	17				WD
	50+	18		Silty Sand with Shell fragments		WD
	12	19				WD
	12	20				WD
				END OF HOLE = 20.45 m		
		21				

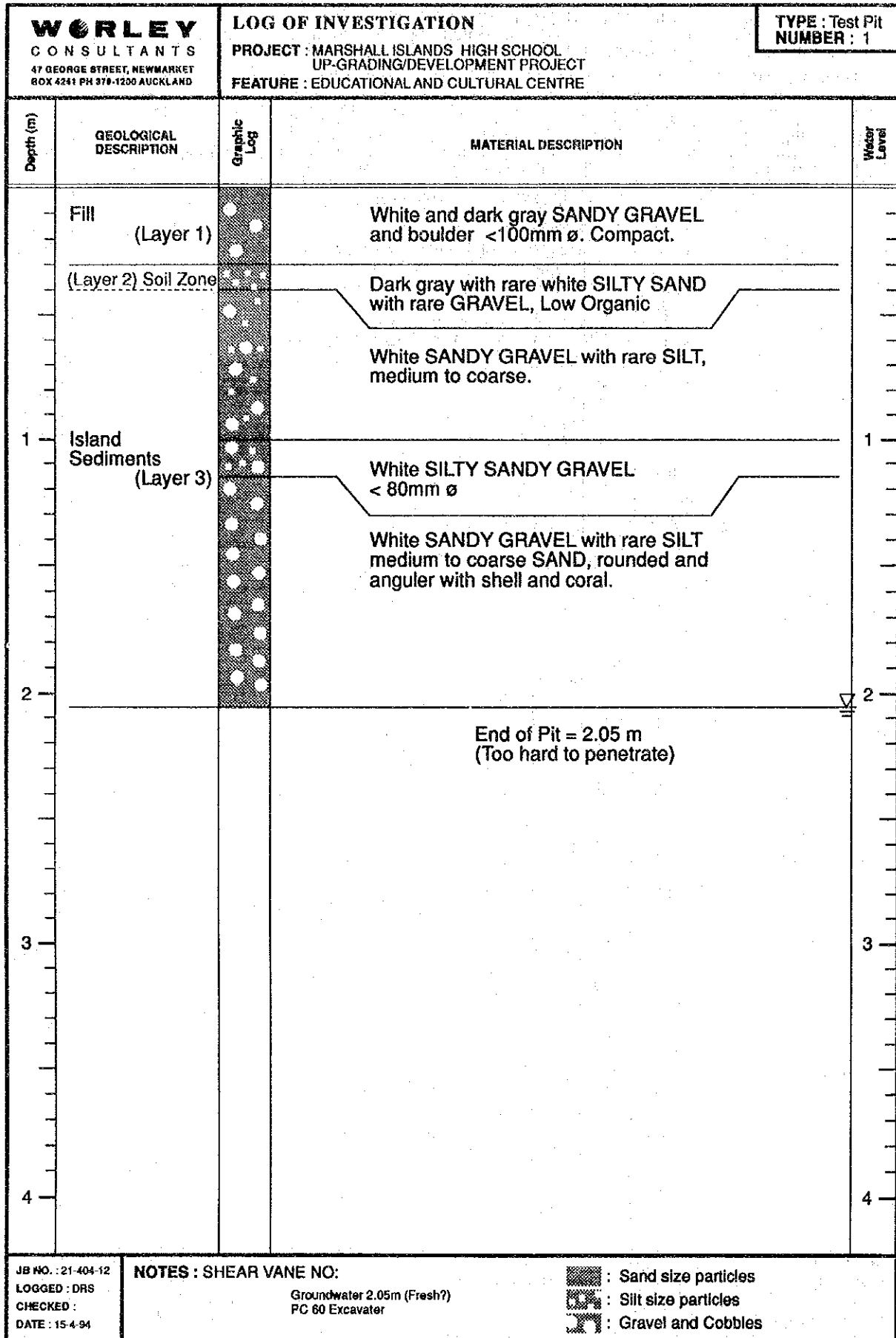
DRILLER : J. Moore
 STARTED : 8/4/94
 FINISHED :
 DRILL : GEMCO PC 60

EXPLANATIONS
 SPT : Standard Penetration Test ('N' = Blows/300mm)
 ref : Refusal
 TT : Triple Tube
 WD : Wash Drill

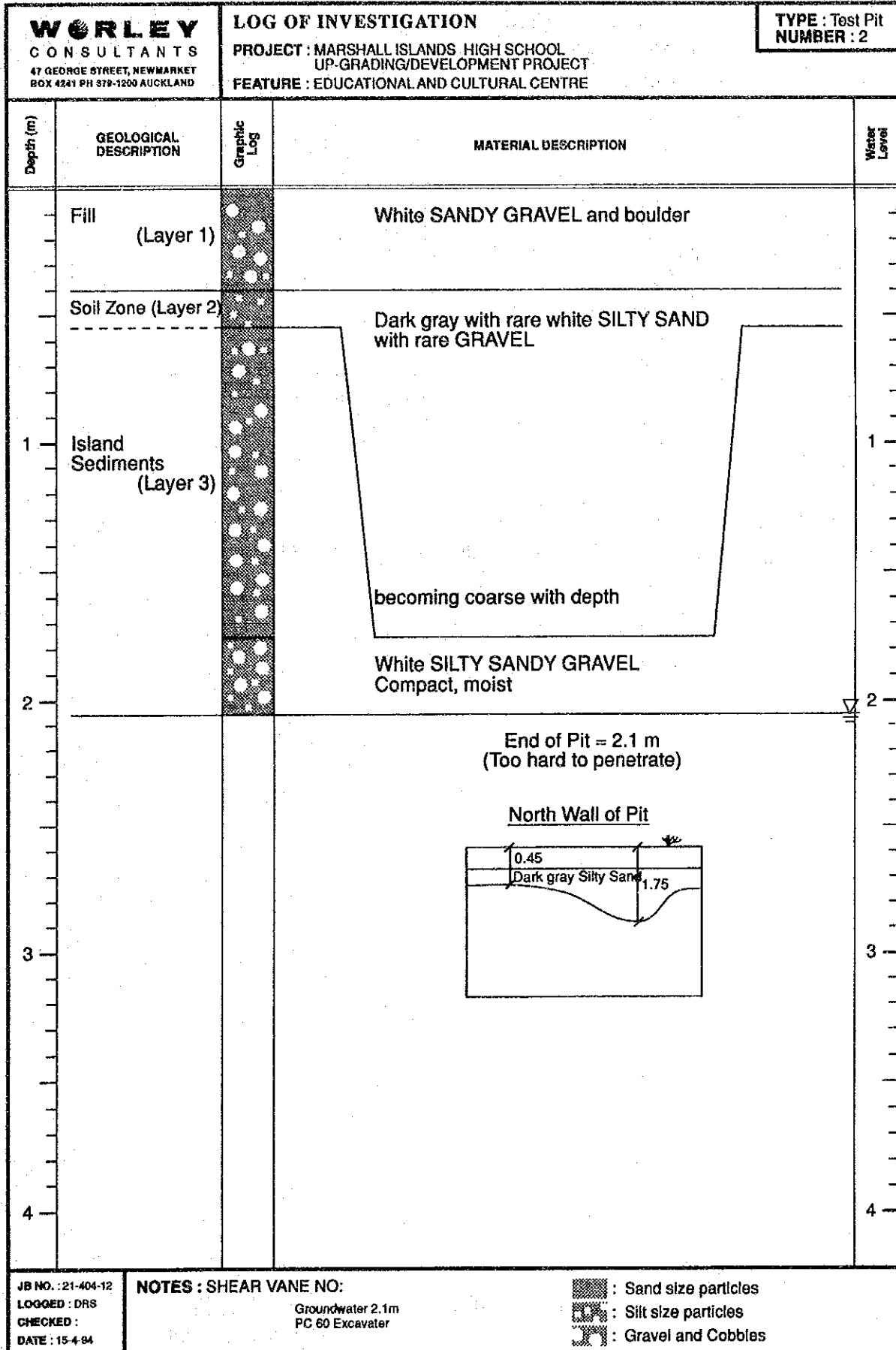
 : SPT
 : Sand size particles
 : Silt size particles
 : Gravel and Cobbles

DRG No
 21-404-12

Appendix Figure 4. Bore Log (4/9)



Appendix Figure 4. Bore Log (5/9)



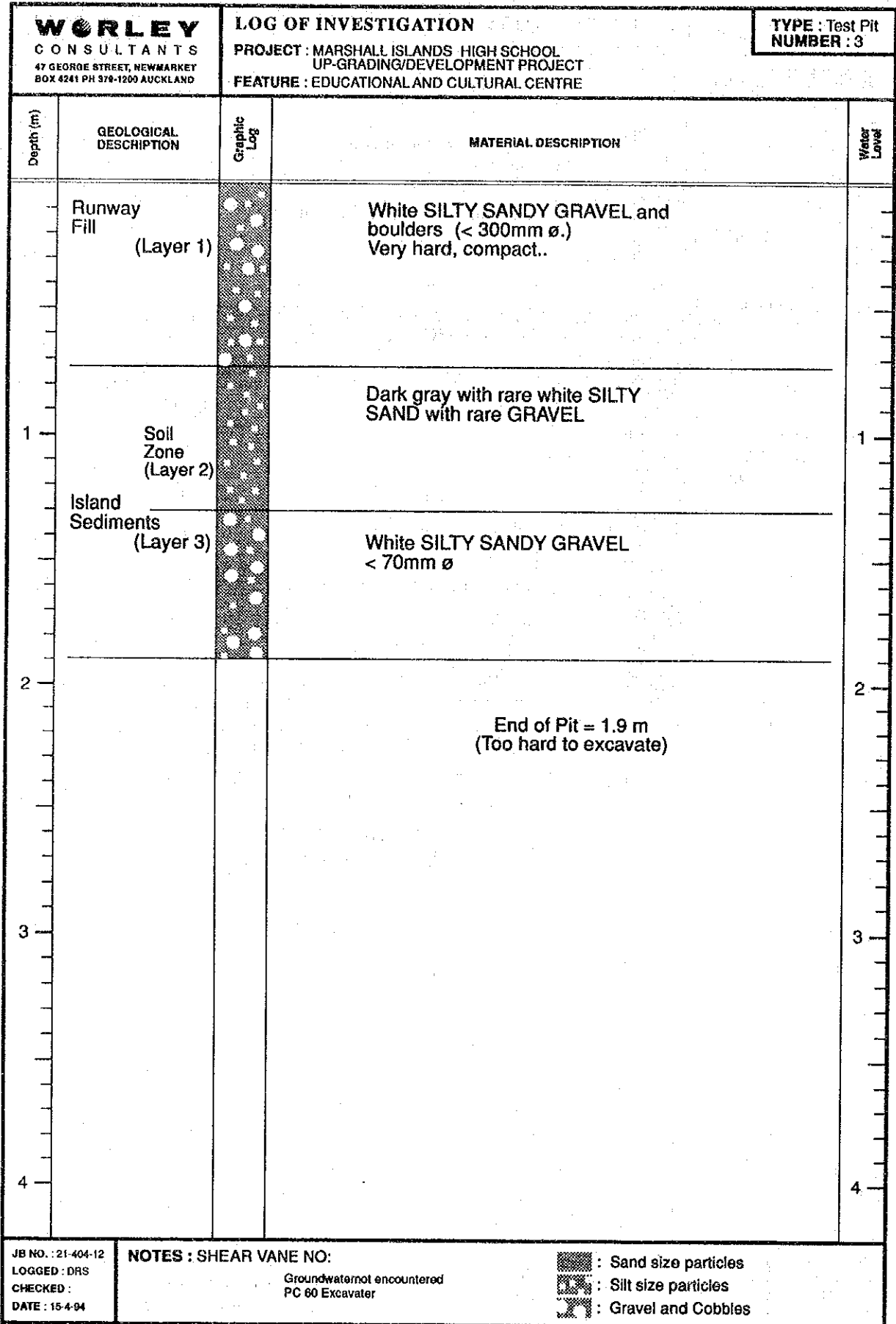
JB NO. : 21-404-12
 LOGGED : DRS
 CHECKED :
 DATE : 15-4-94

NOTES : SHEAR VANE NO:

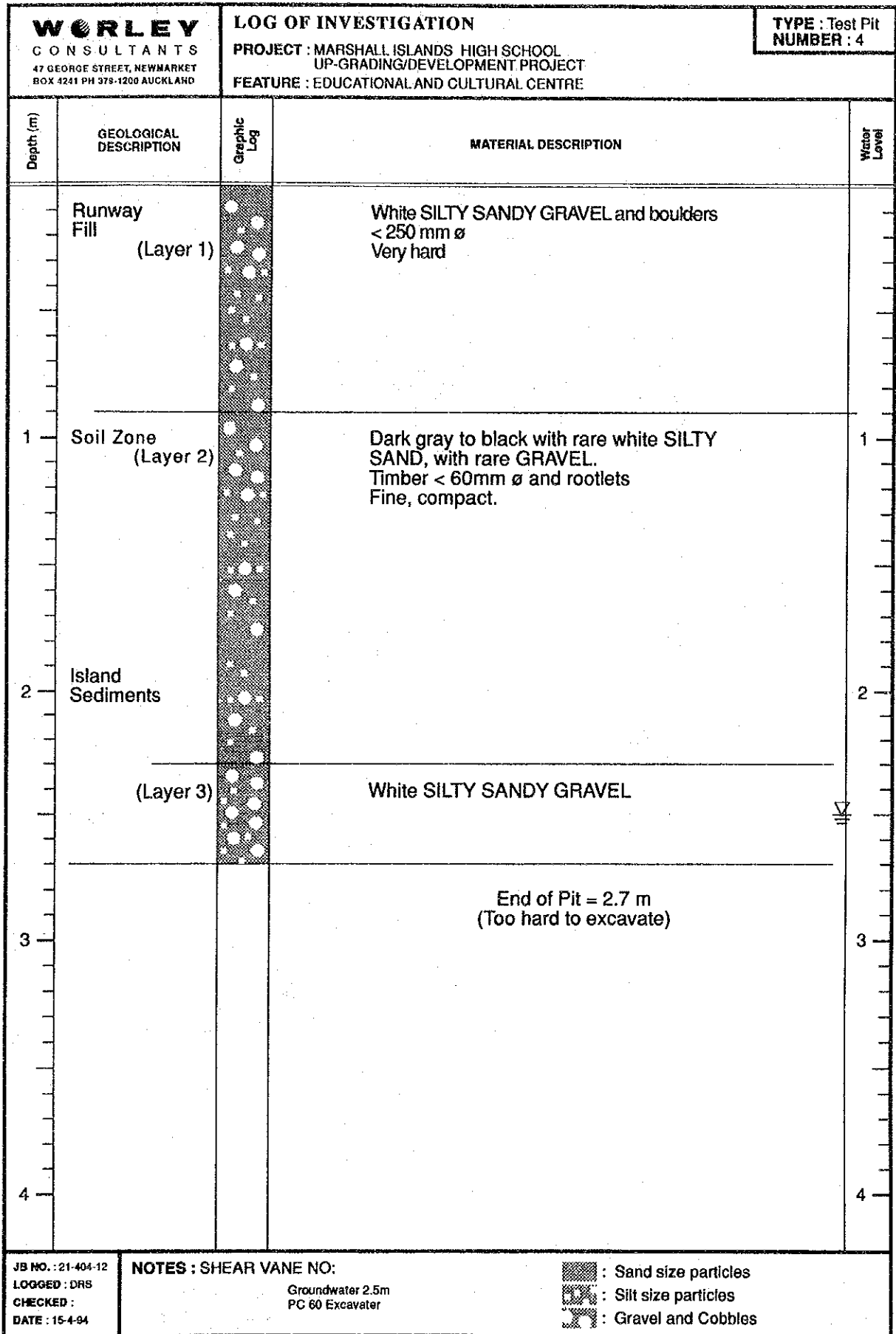
Groundwater 2.1m
 PC 60 Excavator

- : Sand size particles
- : Silt size particles
- : Gravel and Cobbles

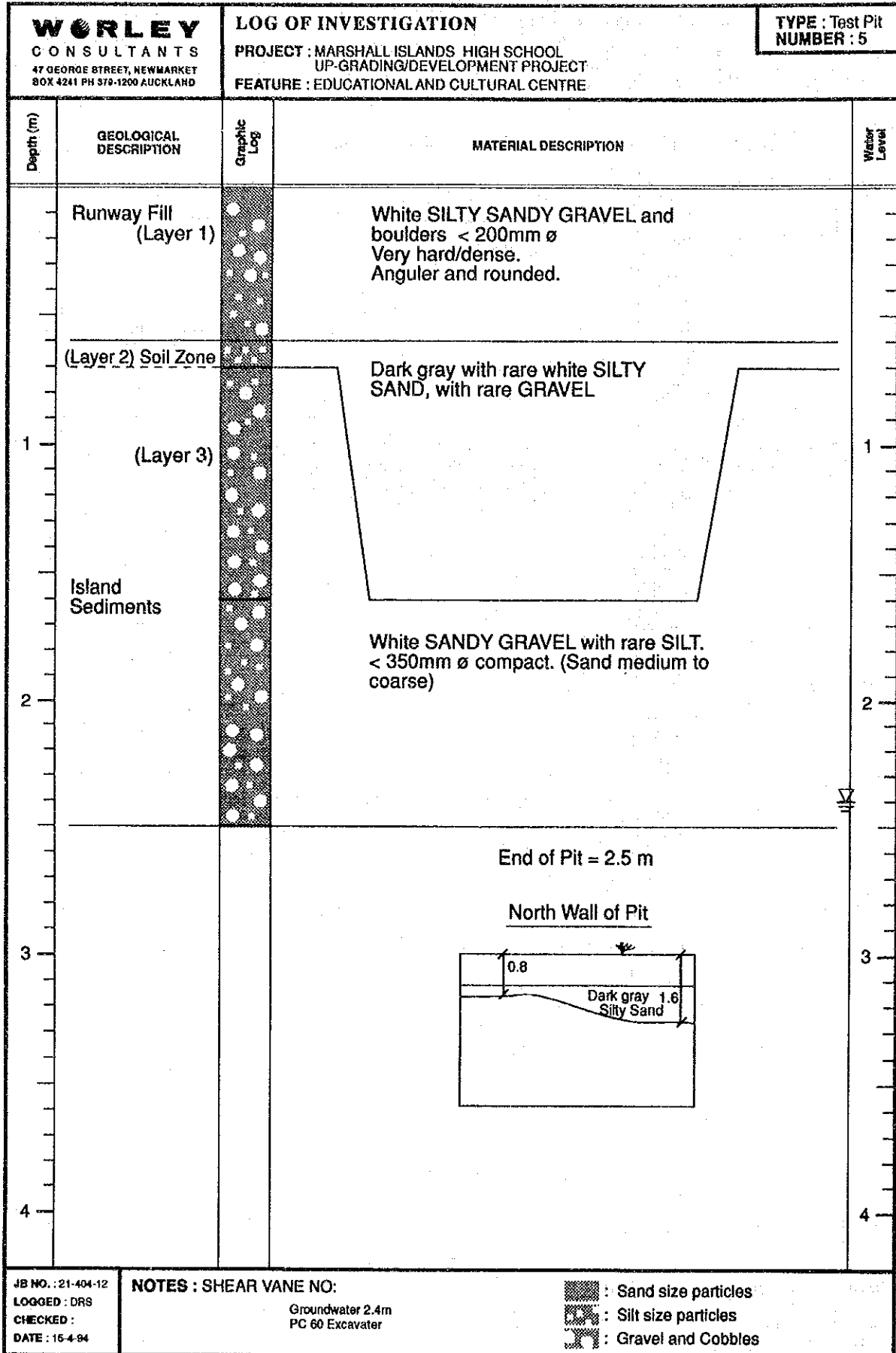
Appendix Figure 4. Bore Log (6/9)



Appendix Figure 4. Bore Log (7/9)






Appendix Figure 4. Bore Log (8/9)

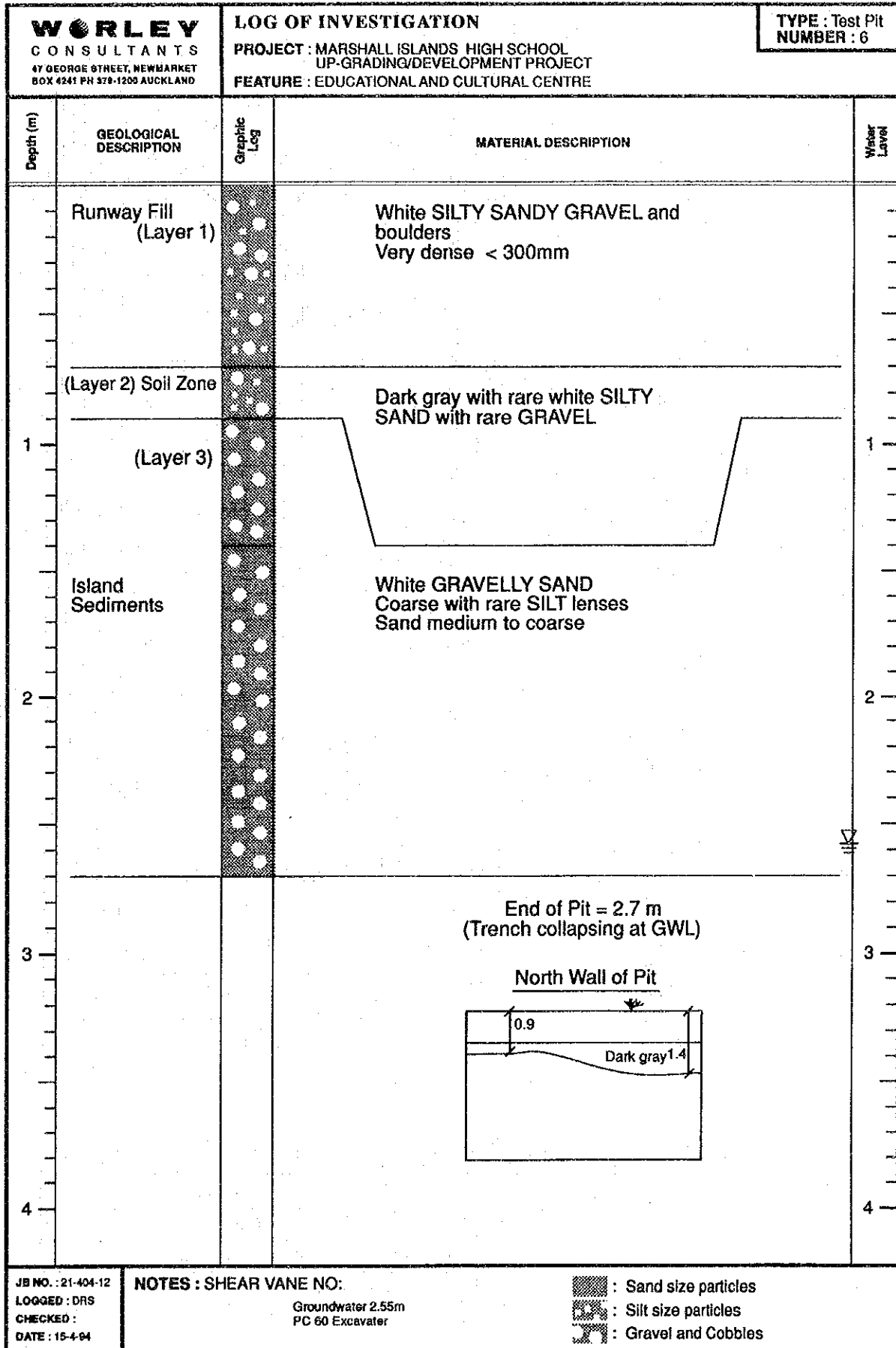


JB NO. : 21-404-12
 LOGGED : DRS
 CHECKED :
 DATE : 15-4-94

NOTES : SHEAR VANE NO:
 Groundwater 2.4m
 PC 60 Excavator

-  : Sand size particles
-  : Silt size particles
-  : Gravel and Cobbles

Appendix Figure 4. Bore Log (9/9)

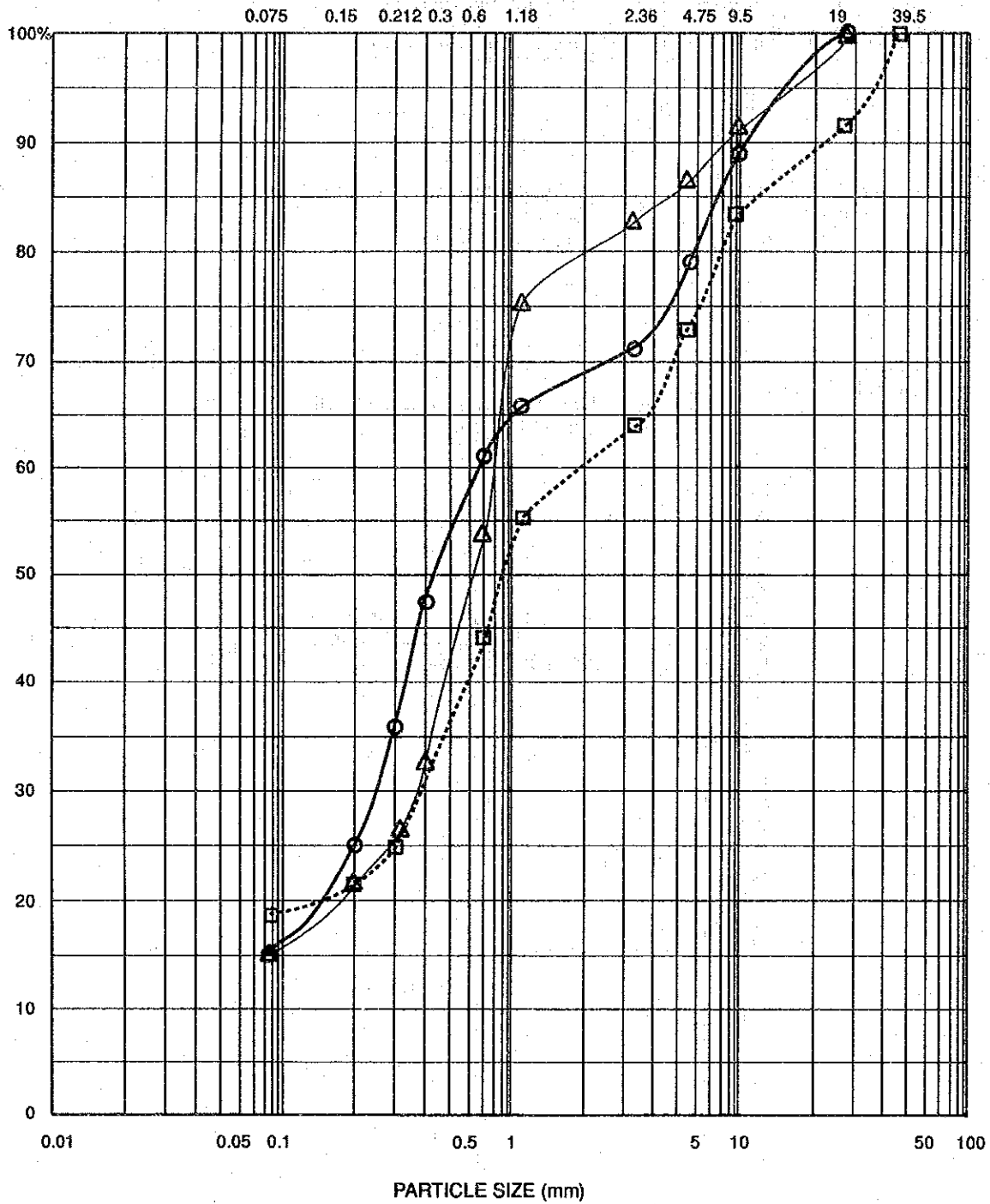


JB NO. : 21-404-12
 LOGGED : DRS
 CHECKED :
 DATE : 15-4-94

NOTES : SHEAR VANE NO:
 Groundwater 2.55m
 PC 60 Excavator

- : Sand size particles
- : Silt size particles
- : Gravel and Cobbles

Appendix Figure 5. Grain-Size Accumulation Curve



SILT		SAND			GRAVEL		
MEDIUM	COARSE	FINE	MEDIUM	COARSE	FINE	MEDIUM	COARSE
○							
Boring H-1 at 1.05 m		DARK GRAY-BLACK SANDY SILT					
□							
Boring H-2 at 0.7 m		WHITE AND DARK GRAY SILTY SANDY GRAVEL					
△							
Boring H-3 at 1.35 m		DARK GRAY WITH RARE WHITE SILTY SAND					

JICA