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PROJECT	Millennium Library	LOGGED BY	GR/PBF
CONTRACTOR	S P & K F Christensen	DATE/S	27.8.02
DRILL MODEL	JACRO 350	GROUND LEVEL	-RL 5.9m
MOUNTING	4WD Truck	LOCATION	Refer Figure 2
		ANGLE	Vertical
		BEARING	
		DIAMETER	

DRILLING	STRATA		MATERIAL DESCRIPTION	CONDITION	OBSERVATION													
	R.L.	DEPTH				GROUP SYMBOL	LEGEND	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER / MOISTURE	CONSISTENCY								SOIL ORIGIN, STRUCTURE, ETC.
										COHESIVE				NON COHESIVE				
Test Results	AHD	m				VS	SL	ST	VST	H	VL	LD	MD	VD				
AUGER	5.40	0.50	SC	Clayey SAND with some gravel: Brown, fine to medium grained, some rubbish near to top.	D-M										FILL			
		1		Clayey SAND: Brown, fine to medium grained.											ALLUVIAL			
SPT @ 1.5m 4/8/7 N = 13		2			M													
SPT @ 3.0m 7/9/10 N = 19		3			M													
		4																
SPT @ 4.5m 7/8/9 N = 17 WASHBORE (BLADE BIT)	1.40	4.50	SC	Clayey SAND: Brown to grey/brown, fine grained, some interbedded clay layers.	M										ALLUVIAL			
		5																
SPT @ 6.0m 1/0/1 N = 1	-0.10	6.00	CL	Silty CLAY: Dark grey, low plasticity.	M										ALLUVIAL			
		6																
SPT @ 7.5m 1/2/4 N = 6	-1.10	7.00	SM	Silty SAND with trace clay: Dark grey with some yellow and white grains, fine to medium poorly grained sand.	M										ALLUVIAL			
		7																

NOTES	JOB
- Standing water table was not observed.	82220

BOREHOLE/TEST PIT MILLIBRARY.GPJ ARUP_AUS.GDT 30/10/02

BOREHOLE RECORD

HOLE
BH103

SHEET 2
OF 4

PROJECT Millennium Library

LOGGED BY GR/PBF
DATE/S 27.8.02

CONTRACTOR S P & K F Christensen
DRILL MODEL JACRO 350
MOUNTING 4WD Truck

ANGLE Vertical
BEARING
DIAMETER

GROUND LEVEL -RL 5.9m
LOCATION Refer Figure 2

DRILLING	STRATA				MATERIAL DESCRIPTION	CONDITION										OBSERVATION							
Test Results	R.L.	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER/ MOISTURE	CONSISTENCY										SOIL ORIGIN, STRUCTURE, ETC.						
	AHD	m					COHESIVE					NON COHESIVE											
							VS	SL	ST	ST	VS	IL	VL	J	MD	D		VD					
SPT @ 9.0m 4 / 4 / 4 N = 8		9	SM		Silty SAND with trace clay: Dark grey with some yellow and white grains, fine to medium poorly graded sand.	M																	ALLUVIAL
SPT @ 12.0m 1 / 2 / 1 N = 3		12				M																	
		10																					
		11																					
		13																					
		14																					
		15																					

NOTES

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BOREHOLE RECORD

HOLE

BH103

SHEET 3

OF 4

PROJECT Millennium Library

LOGGED BY GR/PBF

DATE/S 27.8.02

CONTRACTOR S P & K F Christensen

ANGLE Vertical

DRILL MODEL JACRO 350

BEARING

GROUND LEVEL ~RL 5.9m

MOUNTING 4WD Truck

DIAMETER

LOCATION Refer Figure 2

DRILLING	STRATA				MATERIAL DESCRIPTION	CONDITION								OBSERVATION				
Test Results	R.L.	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER/ MOISTURE	CONSISTENCY								SOIL ORIGIN, STRUCTURE, ETC.			
	AHD	m					COHESIVE				NON COHESIVE							
							VS	SL	ST	VST	H	VL	LD	MD		VD		
SPT @ 16.5m 7/13/15 N = 28		17	SM		Silty SAND with trace clay: Dark gray with some yellow and white grains, fine to medium poorly graded sand.	M												ALLUVIAL
SPT @ 19.5m 6/9/12 N = 21		20			Denser strata 400mm thick with higher percent of clay	M												
SPT @ 22.5m 7/7/12 N = 19 (ROLLER BIT)		23			Denser strata 400mm thick with higher percent of clay	M												

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BOREHOLE/TEST PIT_MLIBRARY.GPJ_ARUP_AUS.GDT_30/10/02

BOREHOLE RECORD

HOLE
BH103

SHEET 4
OF 4

PROJECT Millennium Library

LOGGED BY GR/PBF
DATE/S 27.8.02

CONTRACTOR S P & K F Christensen
DRILL MODEL JACRO 350
MOUNTING 4WD Truck

ANGLE Vertical
BEARING
DIAMETER

GROUND LEVEL: -RL 5.9m
LOCATION Refer Figure 2

DRILLING		STRATA		MATERIAL DESCRIPTION		CONDITION		OBSERVATION	
Test Results	R.L.	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER/ MOISTURE	CONSISTENCY		SOIL ORIGIN, STRUCTURE, ETC.
	AHD	m					COHESIVE	NON COHESIVE	
							VS	S F ST VST H VL L MD VD	
		25	SM		Silty SAND with trace clay: Dark grey with some yellow and white grains, fine to medium poorly grained sand.				ALLUVIAL
		26			Denser strata 200mm thick with gravel				
	-20.30	26.20	SP		Gravelly SAND: Grey sand with yellow and white grains, grey gravel, coarse sand, fine to medium gravel.				ALLUVIAL
SPT @ 27.0m 11 / 11 / 12 N = 23		27				M			
	-22.10	28.00	GW		GRAVEL with sand: Orange, brown and grey, fine to coarse. Gravel becoming coarser with depth.				ALLUVIAL
	-22.90	28.80			REFUSAL: Maximum roller bit refusal on very dense coarse gravels.				
		29			END BOREHOLE				
		30							
		31							

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BOREHOLE/TEST PIT MLIBRARY.GPJ ARUP_AUS.GDT 30/10/02