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PROJECT Millennium Library

LOGGED BY GR/PBF  
DATE/S 26.8.02

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

ANGLE Vertical  
BEARING -  
DIAMETER

GROUND LEVEL -RL 5.25m  
LOCATION Refer Figure 2

DRILLING	STRATA				MATERIAL DESCRIPTION SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	CONDITION										OBSERVATION SOIL ORIGIN, STRUCTURE, ETC.		
	Test Results	R.L.	DEPTH	GROUP SYMBOL		LEGEND	WATER/ MOISTURE	CONSISTENCY										
		AHD	m					COHESIVE					NON COHESIVE					
					VS	SL		ST	VST	H	VL	ML	DL	VD				
AUGER		4.25	1.00	SC												FILL		
				CH												ALLUVIAL		
SPT @ 1.5m 1/2/4 N = 6		2.95	2.30	SP												ALLUVIAL		
SPT @ 3.0m 6/7/6 N = 13				SP												ALLUVIAL		
SPT @ 4.5m 2/2/4 N = 6 WASHBORE (BLADE BIT)		-0.45	5.70	CH												ALLUVIAL		
SPT @ 6.0m 2/3/3 N = 6		-1.45	6.70	SP												ALLUVIAL		
SPT @ 7.5m 4/5/4 N = 9																		

NOTES

- Standing water table observed at RL1.25m

JOB

82220

BOREHOLE/TEST PIT MILLIBRARY.GPJ ARUP\_AUS.GDT 10/10/02

## BOREHOLE RECORD

HOLE  
**BH101**

SHEET 2  
OF 4

PROJECT Millennium Library

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ANGLE Vertical  
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GROUND LEVEL -RL 5.25m  
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	HL	VL	LD	MD
SPT @ 9.0m 1/3/4 N = 7		9	SP	[Dotted pattern]	SAND: Grey, fine grained, with alluvial clay band through strata.	M									ALLUVIAL
	-5.25	10.50	CH	[Vertical lines]	Sandy CLAY/CLAY with gravel: Grey, high plasticity, fine gravel.										ALLUVIAL
SPT @ 12.0m 3/7/8 N = 15		12				M									
	-9.05	14.30	SC	[Diagonal lines]	Clayey SAND/SAND with gravel: Grey to grey/brown, fine gravel.										ALLUVIAL
SPT @ 15.0m 8/10/14 N = 24		15				M									

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ANGLE Vertical

GROUND LEVEL -RL 5.25m

DRILL MODEL JACRO 350

BEARING -

LOCATION Refer Figure 2

MOUNTING 4WD Truck

DIAMETER

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	VT	HL	VL	J	MD	DD
		17	SC		Clayey SAND/SAND with gravel: Grey to grey/brown, fine gravel.											ALLUVIAL
SPT @ 18.0m 5 / 5 / 11 N = 16	-12.75	18.00	SP		SAND: Grey to grey/brown, fine to medium grained.	M										ALLUVIAL
	-14.45	19.70	SWG		Gravelly SAND: Brown to orange brown, fine to coarse grained sand, medium sized gravel.											ALLUVIAL
SPT @ 21.0m 10 / 24 / 30 N = 54 (ROLLER BIT)	-16.75	22.00	GW		GRAVEL: Orange, brown and grey, fine to coarse.	M										ALLUVIAL
		23														

## NOTES

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BOREHOLE/TEST PIT MILLBARY GPJ ARUP AUS GDT 10/10/02

# BOREHOLE RECORD

HOLE  
**BH101**

SHEET 4  
OF 4

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DRILL MODEL JACRO 350  
MOUNTING 4WD Truck

ANGLE Vertical  
BEARING -  
DIAMETER

GROUND LEVEL -RL 5.25m  
LOCATION Refer Figure 2

DRILLING	STRATA				MATERIAL DESCRIPTION	WATER / MOISTURE	CONDITION										OBSERVATION			
	Test Results	R.L.	DEPTH	GROUP SYMBOL			LEGEND	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	CONSISTENCY										SOIL ORIGIN, STRUCTURE, ETC.	
		AHD	m						COHESIVE					NON COHESIVE						
						VS	S	F	ST	VST	H	VL	L	MD	D	VD				
SPT @ 24.0m 30/140mm N = Refusal				GW	GRAVEL: Orange, brown and grey, fine to coarse.	M												ALLUVIAL		
		25																		
		26																		
		27																		
SPT @ 27.0m 30/50mm N = Refusal CORE	-21.90	27.15			REFUSAL: Maximum roller bit refusal on boulder	M														
	-22.05	27.30			BOULDER: Cored boulder.													BOULDER		
					END BOREHOLE: Hole collapsing, end borehole on boulder.															
		28																		
		29																		
		30																		
		31																		

NOTES

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