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# BOREHOLE RECORD

HOLE

**BH102**

SHEET 1

OF 3

PROJECT Millennium Library

LOGGED BY GR/PBF

DATE/S 26.8.02/27.8.02

CONTRACTOR S P & K F Christensen

ANGLE Vertical

DRILL MODEL JACRO 350


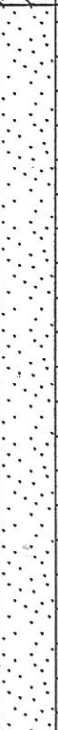

BEARING -

MOUNTING 4WD Truck

DIAMETER

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	LL	MD	DD	VD			
AUGER			SC		Sand/Clayey SAND: Brown to red/brown, fine to medium grained.	D-M													FILL
SPT @ 1.5m 3 / 4 / 4 N = 8	3.55	1.70	SP		SAND with trace clay: Light brown, medium to coarse grained, poorly graded.	M													ALLUVIAL
SPT @ 4.5m 4 / 5 / 5 N = 10 WASHBORE (BLADE BIT)						M													
SPT @ 6.0m 7 / 9 / 12 N = 21	-0.75	6.00	SC SM		Silty SAND/Sandy CLAY: Orange/brown, mottled yellow, white and grey sand, fine to medium grained. Layered seams of sandy clay, light grey, low plasticity.	M													ALLUVIAL
SPT @ 7.5m 1 / 1 / 2 N = 3						M													

NOTES

- Standing water table was not observed.

JOB

82220

# BOREHOLE RECORD

HOLE

**BH102**

SHEET 2

OF 3

PROJECT Millennium Library

LOGGED BY GR/PBF

DATE/S 26.8.02/27.8.02

CONTRACTOR S P & K F Christensen

ANGLE Vertical

DRILL MODEL JACRO 350

BEARING -

MOUNTING 4WD Truck

DIAMETER

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	H	VL	LL	MD	CD	VD	
SPT @ 9.0m 0 / 1 / 1 N = 2	-3.35	8.60	SC SM		Silty SAND/Sandy CLAY: Orange/brown, mottled yellow, white and grey sand, fine to medium grained. Layered seams of sandy clay, light grey, low plasticity.												ALLUVIAL
			SM		Silty SAND with clay: Grey, fine to medium grained.	M											ALLUVIAL
		9															
		10															
		11				M											
		12															
		13															
SPT @ 10.5m 0 / 0 / 1 N = 1	-7.85	13.10	SC		Clayey SAND: Grey, fine to medium grained, low plasticity.	M											ALLUVIAL
		14															
		15															
		16															
		17															
		18															
SPT @ 13.5m 3 / 4 / 5 N = 9	-10.25	15.50	SC		Clayey SAND: Light grey/brown, fine to medium grained, low plasticity.												ALLUVIAL

NOTES

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# BOREHOLE RECORD

HOLE

**BH102**

SHEET 3

OF 3

PROJECT Millennium Library

LOGGED BY GR/PBF

DATE/S 26.8.02/27.8.02

CONTRACTOR S P & K F Christensen

ANGLE Vertical

DRILL MODEL JACRO 350

BEARING -

MOUNTING 4WD Truck

DIAMETER

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	ST	ST	VL	ML	MD	MD	MD			
SPT @ 16.5m 5/6/10 N = 16		17	SC		Clayey SAND: Light grey/brown, fine to medium grained, low plasticity.	M													ALLUVIAL
		18																	
	-13.45	18.70	GPS		Sandy GRAVEL with clay: Orange, brown and grey gravel, orange/brown sand, fine to medium sized gravel, well graded sand.														ALLUVIAL
SPT @ 19.5m 6/12/12 N = 24 (ROLLER BIT)	-14.25	19.50	SC		Clayey SAND: Light orange/brown, fine to medium grained.	M													ALLUVIAL
		20																	
	-15.75	21.00	GPS		Sandy GRAVEL with clay: Orange, brown and grey gravel, orange/brown sand, medium sized gravel, well graded sand. Gravel becoming coarser with depth.														ALLUVIAL
		22																	
SPT @ 22.5m 31/145mm N = Refusal CORE	-17.55	22.80	GP		REFUSAL: Maximum roller bit refusal on very dense coarse gravels.	M													ALLUVIAL
	-17.85	23.10			GRAVEL: Cored gravel with sand: Orange, brown and grey, coarse.														
					END BOREHOLE: Hole collapsing, end borehole on very dense gravels.														

## NOTES

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