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BOREHOLE RECORD

HOLE
BH303

SHEET 1
OF 5

PROJECT Millennium Arts Project

LOGGED BY GR
DATE/S 24.9.02

CONTRACTOR SP & KF Christensen
DRILL MODEL JACRO 350
MOUNTING 4WD Truck

ANGLE Vertical
BEARING
DIAMETER

GROUND LEVEL -RL 5.6m
LOCATION Refer Figure 2

DRILLING	STRATA		MATERIAL DESCRIPTION		CONDITION		OBSERVATION										
	R.L.	DEPTH	GROUP SYMBOL	LEGEND	CONSISTENCY												
Test Results	AHD	m			SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER / MOISTURE	SOIL ORIGIN, STRUCTURE, ETC.										
								COHESIVE	NON COHESIVE								
						VS	S	F	ST	VST	H	VL	J	MD	D	VD	
AUGER	5.10	0.50			CLAY with silt and sand: Dark brown, low plasticity.	D-M											FILL
	4.60	1.00			Sandy CLAY: Dark brown, medium plasticity.												FILL/ALLUVIAL?
	4.20	1.40			CLAY with sand: Dark brown, medium plasticity.												FILL/ALLUVIAL?
SPT @ 1.5m 1/1/3 N=4			CH		CLAY: Grey and mottled orange, medium plasticity.	M											ALLUVIAL
SPT @ 3.0m 2/4/5 N=9																	
SPT @ 4.5m 2/3/5 N=8 WASHBORE (BLADE BIT)	1.60	4.00	CH		Sandy CLAY: Light brown, mottled orange and grey, medium plasticity, fine grained sand.												ALLUVIAL
SPT @ 6.0m 2/4/8 N=12																	
SPT @ 7.5m 3/6/8 N=14																	

NOTES

- Standing water table observed at RL1.0m.

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PROJECT Millennium Arts Project

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DRILL MODEL JACRO 350
MOUNTING 4WD Truck

ANGLE Vertical
BEARING
DIAMETER

GROUND LEVEL -RL 5.6m
LOCATION Refer Figure 2

DRILLING	STRATA				MATERIAL DESCRIPTION	WATER/ MOISTURE	CONSISTENCY								OBSERVATION	
	R.L.	DEPTH	GROUP SYMBOL	LEGEND			COHESIVE				NON COHESIVE					SOIL ORIGIN, STRUCTURE, ETC.
							VS	SL	ST	VST	HL	LD	MD	VD		
Test Results	AHD	m			SOIL TYPE Colour, Plasticity, Grain Size, Minor Components											
SPT @ 9.0m 1/3/4 N = 7		9	CH		Sandy CLAY: Light brown, mottled orange and grey, medium plasticity, fine grained sand.	M									ALLUVIAL	
SPT @ 12.0m 5/7/10 N = 17	-6.00	11.80	CH		CLAY: Light brown, mottled orange and grey, medium plasticity.	M									ALLUVIAL	
	-6.80	12.40	CH		Sandy CLAY: Light grey, mottled orange, medium plasticity, fine grained sand.										ALLUVIAL	
	-8.40	14.00	CH		Sandy CLAY: Light brown, medium plasticity, interbedded layers of orange and dark brown, fine sand, trace gravel.	M									ALLUVIAL	
SPT @ 15.0m 3/11/11 N = 22		15														

NOTES

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CONTRACTOR SP & KF Christensen
DRILL MODEL JACRO 350
MOUNTING 4WD Truck

ANGLE Vertical
BEARING
DIAMETER

GROUND LEVEL ~RL 5.6m
LOCATION Refer Figure 2

DRILLING		STRATA		MATERIAL DESCRIPTION		CONDITION		OBSERVATION					
Test Results	RL	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	VL	ML
	-11.50	17.10	CH		Sandy CLAY: Light brown, medium plasticity, Interbedded layers of orange and dark brown, fine sand, trace gravel.								ALLUVIAL
SPT @ 18.0m 9/13/15 N = 28		18	SP		Sand with some clay: Light brown, fine to medium grained.	M							ALLUVIAL
SPT @ 21.0m 8/9/14 N = 23 (ROLLER BIT)		21				M							
	-17.80	23.40	GW		Sandy GRAVEL: Multi coloured gravel, well graded, medium to coarse sand.								ALLUVIAL
	-18.20	23.80											

NOTES


- Standing water table observed at RL 1.0m.

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BOREHOLE/TEST PIT - SIW.GPJ ARUP_AUS.GDT 30/10/02

PROJECT	Millennium Arts Project	LOGGED BY	GR
CONTRACTOR	SP & KF Christensen	DATE/S	24.9.02
DRILL MODEL	JACRO 350	GROUND LEVEL	-RL 5.6m
MOUNTING	4WD Truck	LOCATION	Refer Figure 2
		ANGLE	Vertical
		BEARING	
		DIAMETER	

DRILLING	STRATA				MATERIAL DESCRIPTION	CONDITION	OBSERVATION					
	Test Results	R.L.	DEPTH	LEGEND				SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER / MOISTURE	CONSISTENCY	SOIL ORIGIN, STRUCTURE, ETC.	
		AHD	m									GROUP SYMBOL
		VS	SL	ST	VST	H	VL					LD
		-19.80	25.40		Extremely Weathered PHYLLITE: Light grey, seams of orange (iron staining) low to medium strength.							XW ROCK

NOTES	JOB
- Standing water table observed at RL1.0m.	82294

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

PROJECT Millennium Arts Project

LOGGED BY GR

DATE/S 24.9.02

CONTRACTOR SP & KF Christensen

ANGLE Vertical

GROUND LEVEL -RL 5.6m

DRILL MODEL JACRO 350

BEARING

LOCATION Refer Figure 2

MOUNTING 4WD Truck

DIAMETER

DRILLING		STRATA			MATERIAL DESCRIPTION				DISCONTINUITIES								
CASING RUN, REC. (%)	WATER	SAMPLE TEST	R.L.	DEPTH	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH			FREQUENCY (per m)		SPECIFIC		GENERAL DESCRIPTION Planarity, Roughness, Coating, Infill		
			AHD	m				EL	M	EH	1	3	10	30		TYPE	ANGLE
			-20.00	25.60		CORE LOSS											
				26		PHYLUTE: Light blue/grey, with seams of white (quartz) and light orange (iron staining). Several fractures containing clay (decomposed seams/residual soil). Generally bedded between 30-40 degrees.	DW										
				27		Closed Joint @ 26.4m dipping at approximately 70 degrees, approximately 3mm thick.											
				27.75			XW										
			-22.15	27.75		PHYLUTE: Dark blue/grey, with seams of white (quartz) and light orange (iron staining). Few fractures containing clay (decomposed seams/residual soil). Generally bedded between 30-40 degrees.	DW										
				28													
				29													
			-23.75	29.35													
				30													
				31													

NOTES

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TYPE OF DISCONTINUITY

Jo JOINT
 Be BEDDING PLANE PARTING
 Fo FOLIATION PARTING
 Cl CLAY SEAM
 We WEATHERED SEAM
 Cr CRUSHED SEAM
 Sh SHEARED ZONE
 Qr QUARTZ SEAM

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ROCK CORE PHOTOGRAPHS

PROJECT: QUEENSLAND GALLERY OF MODERN ART

LOCATION: BH303
DATE: 24/09/2002

