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BOREHOLE RECORD

HOLE
BH202

SHEET 1
OF 4

PROJECT	Gallery of Modern Art	LOGGED BY	GR
CONTRACTOR	SP & KF Christensen	DATE/S	30.8.02
DRILL MODEL	JACRO 350	GROUND LEVEL	-RL 4.6m
MOUNTING	4WD Truck	LOCATION	Refer Figure 2
		ANGLE	Vertical
		BEARING	
		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	VS	VL	LD	VD	
		1			Sandy CLAY with some gravel: Dark brown mottled orange, medium plasticity, interbedded layers of ash.	D								FILL/ALLUVIAL?
SPT @ 1.5m 7/10/10 N = 20	2.60	2.00	CH		Sandy CLAY: Dark brown, medium plasticity.	M								ALLUVIAL
SPT @ 3.0m 8/10/13 N = 23	1.50	3.10	CH		CLAY: Dark brown, medium plasticity.	M								ALLUVIAL
	0.80	3.80	SC		Clayey SAND: Brown to orange/brown clay, yellow/brown sand, medium to coarse grained.									ALLUVIAL
SPT @ 4.5m 0/0/1 N = 1 WASHBORE (BLADE BIT)	0.00	4.60	SC		Clayey SAND: Dark grey, medium to coarse grained.	M								ALLUVIAL
	-0.40	5.00	CL		Silty CLAY: Dark grey, low plasticity.									ALLUVIAL
SPT @ 6.0m 0/0/1 N = 1		6				M								
		7				M								
SPT @ 7.5m 0/0/0 N = 0						M								

NOTES	JOB
- Standing water table was not observed	82353

BOREHOLE/TEST PIT GOMA.GPJ ARUP.AUS.GDT 30/10/02

BOREHOLE RECORD

HOLE

BH202

SHEET 2

OF 4

PROJECT Gallery of Modern Art

LOGGED BY GR
DATE/S 30.8.02

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

ANGLE Vertical
BEARING
DIAMETER

GROUND LEVEL -RL 4.6m
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	
			CL		Silty CLAY: Dark grey, low plasticity.		VS SL ST VST H	VL ML DL VD	ALLUVIAL
SPT @ 10.5m 2/1/1 N=2 (No recovery from SPT)		9 10 11				M			
	-8.30	12.90	SC		Clayey SAND: Dark grey, medium to coarse sand, less clay with depth.	M			ALLUVIAL
SPT @ 13.5m 2/2/5 N=7		13 14 15							

NOTES

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JOB

82353

BOREHOLE RECORD

HOLE

BH202

SHEET 3

OF 4

PROJECT Gallery of Modern Art

LOGGED BY GR
DATE/S 30.8.02

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

ANGLE Vertical
BEARING
DIAMETER

GROUND LEVEL -RL 4.6m
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		VL
SPT @ 16.5m 6/8/12 N = 20	-11.60	16.20	SC		Silty SAND with some clay: Dark grey, some yellow and white grained sand, medium to coarse grained.	M						ALLUVIAL
			SM									Denser strata 300mm thick
SPT @ -19.5m 4/9/8 N = 17		17										
		18										
		19										
		20										
		21										
		22										
		23										

NOTES

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BOREHOLE RECORD

HOLE
BH202

SHEET 4
OF 4

PROJECT Gallery of Modern Art

LOGGED BY GR
DATE/S 30.8.02

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

ANGLE Vertical
BEARING
DIAMETER

GROUND LEVEL -RL 4.6m
LOCATION Refer Figure 2

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							
AHD	m			VS	SL			ST	VST	HL	VL	LD	VD							
SPT @ 24.0m 8 / 12 / 14 N = 26 (ROLLER BIT)	-20.20	24.80	SM		Silty SAND with some clay: Dark grey, some yellow and white grained sand, medium to coarse grained.	M														ALLUVIAL
		25	GW		Sandy Clayey GRAVEL: Grey with white, orange and blue, well graded.															ALLUVIAL
	26																			
	27				Band of coarse gravel 200mm thick	M														
SPT @ 27.0m 13 / 10 / 10 N = 20	28				100% water loss through to borehole termination depth.															
	29																			
	-24.60	29.20			END BOREHOLE: Maximum roller bit refusal on very dense gravels. Hole collapsing.															
	30																			
	31																			

NOTES

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BOREHOLE/TEST PIT: GOMA.GPJ_ARUP_AUS.GDT_30/10/02