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BOREHOLE RECORD

HOLE
BH205

SHEET 1
OF 4

PROJECT Gallery of Modern Art

LOGGED BY GR
DATE/S 29.8.02

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

ANGLE Vertical
BEARING
DIAMETER

GROUND LEVEL -RL 5.8m
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	J	MD	D	VD		
<p>SPT @ 1.5m 5/5/7 N=12</p> <p>SPT @ 3.0m 5/6/7 N=13</p> <p>SPT @ 4.5m 8/10/16 N=26</p> <p>SPT @ 6.0m 0/0/0 N=0 WASHBORE (BLADE,BIT)</p> <p>SPT @ 7.5m 0/0/0 N=0</p>		1			Silty SAND with trace clay: Brown, fine grained.	D											FILL/ALLUVIAL?	
		2	SM		Silty Clayey SAND: Brown, some orange, medium plasticity, fine grained, with rootlets.	M											ALLUVIAL	
		3	SM		Silty SAND with trace clay: Brown orange, fine to medium grained.	M												ALLUVIAL
		4	CH		Silty sandy CLAY: Orangy brown, medium plasticity.	M												ALLUVIAL
		5	CH		Sandy CLAY: Grey, medium plasticity, fine to medium grained sand.	M												ALLUVIAL
		6	CL		Silty CLAY: Grey, low plasticity.	M												ALLUVIAL
		7																

NOTES

- Standing water table was not observed

JOB

82353

BOREHOLE RECORD

HOLE

BH205

SHEET 3

OF 4

PROJECT Gallery of Modern Art

LOGGED BY GR
DATE/S 29.8.02

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

ANGLE Vertical
BEARING
DIAMETER

GROUND LEVEL -RL 5.8m
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						
							<small>VS</small> <small>SL</small> <small>ST</small> <small>VS</small> <small>ST</small> <small>VL</small> <small>ML</small> <small>MD</small> <small>VD</small>	
SPT @ 16.5m 0/0/0 N = 0		17	CL		Silty CLAY: Grey, low plasticity, interbedded layers of clayey sand, grey, fine grained.	M		ALLUVIAL
SPT @ 19.5m 1/1/4 N = 5	-13.20	19.00	SM		Silty clayey SAND: Grey, low plasticity, fine to medium grained sand, quantity of sand increasing with depth.	M		ALLUVIAL
SPT @ 22.5m 7/8/9 N = 17 (ROLLER BIT)	-16.20	22.00	SM		Silty SAND with trace clay: Grey, some orange and white grains, fine to medium grained.	M		ALLUVIAL
		23			Gravel seam 200mm thick			

NOTES

- Standing water table was not observed

JOB

82353

PROJECT	Gallery of Modern Art	LOGGED BY	GR
CONTRACTOR	SP & KF Christensen	DATE/S	29.8.02
DRILL MODEL	JACRO 350	ANGLE	Vertical
MOUNTING	4WD Truck	BEARING	-
		DIAMETER	
		GROUND LEVEL	-RL 5.8m
		LOCATION	Refer Figure 2

DRILLING	STRATA		MATERIAL DESCRIPTION	CONDITION		OBSERVATION					
	R.L.	DEPTH		GROUP SYMBOL	LEGEND		CONSISTENCY				
							COHESIVE	NON COHESIVE			
Test Results	-AHD	m			VS	ST	VL	MD	SO	SOIL ORIGIN, STRUCTURE, ETC.	
	-19.20	25.00	SM		Silty SAND with trace clay: Grey, some orange and white grains, fine to medium grained.						ALLUVIAL
SPT @ 25.5m 19 / 30/140mm N = Refusal		26	GW		Sandy clayey GRAVEL: Orange, grey and white, well graded gravel, coarse sand. Gravel becoming coarser with depth.						ALLUVIAL
	-22.20	28.00	GW		GRAVEL: Orange, grey and white, well graded.						ALLUVIAL
SPT @ 27.0m 30/100mm N = Refusal	-23.00	28.80			END BOREHOLE: Maximum roller bit refusal on very dense gravels. Hole collapsing.						
		30									
		31									

NOTES	JOB
- Standing water table was not observed	82353

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