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BOREHOLE RECORD

HOLE
BH20

SHEET 1
OF 2

PROJECT	LANG PARK REDEVELOPMENT		LOGGED BY	VL
CONTRACTOR	SP & KF Christensen	ANGLE	Vertical	
DRILL MODEL	Jacro 350	BEARING	-	
MOUNTING	4WD Truck	DIAMETER	50/75/100mm	
		GROUND LEVEL	-RL 26.2m	
		LOCATION	Refer Borehole Plan	

DRILLING	STRATA		MATERIAL DESCRIPTION		WATER / MOISTURE	CONDITION										OBSERVATION							
	SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.	DEPTH	GROUP SYMBOL		LEGEND	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	COHESIVE					NON COHESIVE					SOIL ORIGIN, STRUCTURE, ETC.					
		-AHD	m					VS	S	F	ST	UST	H	VL	L		MD		D	VD			
	25.70	0.50			Gravelly SILT: light brown, cream, fine to medium gravel																		FILL
	1				Gravelly SILT: orange brown, fine to medium gravel, some coarse gravel	D																	RESIDUAL
	24.70	1.50			becoming more gravelly, fine to medium gravel	D																	
SPT @ 1.5m 6 / 14 / 23 N = 37	2				Gravelly silty CLAY: red dark brown, fine to medium gravel, occasional coarse quartz gravel																		RESIDUAL
	23.20	3.00			Gravelly CLAY/XW ROCK: Dark red and light grey, fine to medium gravel	D																	RESIDUAL/XW ROCK
SPT @ 3.0m 8 / 11 / 16 N = 27	4				much clayey silt, pale grey cream																		
	21.70	4.50			XW PHYLLITE: light to dark grey, some orange brown bands, some fine to medium gravel																		XW ROCK
SPT @ 4.5m 8 / 14 / 19 N = 33	5																						
	6				becoming light grey and yellow brown in colour	D																	
SPT @ 6.0m 24 / 30,60mm N = Refusal	7																						
	18.20	8.00			becoming dark grey and yellow brown																		
SPT @ 7.5m 30,80mm N = Refusal																							

NOTES	JOB
1) No groundwater encountered prior to washboring at 6m.	12215

BOREHOLE/TEST PIT LANGP2.GPJ ARUP_AUS.GDT 03/01/01

PROJECT LANG PARK REDEVELOPMENT				LOGGED BY VL
CONTRACTOR SP & KF Christensen				DATE/S 14.11.00
DRILL MODEL Jacro 350		ANGLE Vertical	GROUND LEVEL ~RL 26.2m	
MOUNTING 4WD Truck		BEARING -	LOCATION Refer Borehole Plan	
DIAMETER 50/75/100mm				

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		
			AHD	m				EL	M	EH	1	3	10	30		TYPE	ANGLE
100%			15.90	10.30		DW PHYLLITE: brown, dark grey, and light grey bands, with much crushed rocks numerous quartz gravel and fractures to 8.6m	DW	0	0	0	0	0	0	0	0	50	
100%				9													
100%				10													
				11													
				12													
				13													
				14													
				15													

NOTES	TYPE OF DISCONTINUITY	JOB
1) No groundwater encountered prior to washboring at 6m.	Jo JOINT Be BEDDING PLANE PARTING Fo FOLIATION PARTING Cl CLAY SEAM We WEATHERED SEAM Cr CRUSHED SEAM Sh SHEARED ZONE Qr QUARTZ SEAM	12215

CORED BOREHOLE LANGP2.GPJ ARUP_AUS.GDT 03/01/01



Borehole 20

8m - 10.3m

Box 1 of 1

ARUP
Geotechnics

Project: Lang Park Redevelopment

Job No: 12215

Title: Core Box Photographs

Plate No: 7