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BOREHOLE RECORD

HOLE

BH30

SHEET 1

OF 3

PROJECT LANG PARK REDEVELOPMENT

LOGGED BY PBF

DATE/S 21.11.00

CONTRACTOR SP & KF Christensen

ANGLE Vertical

DRILL MODEL Jacro 350



BEARING -

MOUNTING 4WD Truck

DIAMETER 50/75/100mm

GROUND LEVEL ~RL 4.8m

LOCATION Refer Borehole Plan

DRILLING		STRATA			MATERIAL DESCRIPTION		CONDITION		OBSERVATION										
SAMPLE, TEST, BIT, SUPPORT, ETC.	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	FL	ST	VST	H	VL	LL	MD	LD	VD		
SPT @ 1.5m 8 / 3 / 2 N = 5					Asphalt Concrete Road Base 250mm Gravel Road Base 750mm														PAVEMENT.
	3.80	1.00																	
					Gravelly CLAY: Orange brown														FILL
	3.30	1.50																	
					Silty CLAY: Dark grey, high plasticity														ALLUVIAL
SPT @ 3.0m 0 / 0 / 1 N = 1																			
SPT @ 4.5m 0 / 0 / 0 N = 0																			

NOTES

1) No groundwater encountered prior to washboring at 3m.

JOB

12215

BOREHOLE RECORD

HOLE

BH30

SHEET 2

OF 3

PROJECT LANG PARK REDEVELOPMENT

LOGGED BY PBF

DATE/S 21.11.00

CONTRACTOR SP & KF Christensen

ANGLE Vertical

DRILL MODEL Jacro 350

BEARING -

GROUND LEVEL ~RL 4.8m

MOUNTING 4WD Truck

DIAMETER 50/75/100mm

LOCATION Refer Borehole Plan

DRILLING		STRATA			MATERIAL DESCRIPTION		CONDITION		OBSERVATION								
SAMPLE, TEST, BIT, SUPPORT, ETC.	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	JL	MD	DD	VD	
SPT @ 9.0m 0/0/0 N = 0		9			Silty CLAY: Dark grey, high plasticity		VS	SL	ST	VST	HL	VL	JL	MD	DD	VD	ALLUVIAL
		10															
		11															
		11.60															
	-6.80	11.60			Increasing in stiffness												XW ROCK
					XW PHYLLITE												
	-7.20	12.00			Roller bit refusal at 12m												
		12															
		13															
		14															
	15																

NOTES

1) No groundwater encountered prior to washboring at 3m.

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

ARUP Geotechnics		CORED BOREHOLE RECORD										HOLE BH30		SHEET 3 OF 3					
PROJECT LANG PARK REDEVELOPMENT												LOGGED BY PBF DATE/S 21.11.00							
CONTRACTOR SP & KF Christensen						ANGLE Vertical						GROUND LEVEL ~RL 4.8m							
DRILL MODEL Jacro 350						BEARING -						LOCATION Refer Borehole Plan							
MOUNTING 4WD Truck						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 Planarity, Roughness, Coating, Infill				
			AHD	m				EL	M	BH		TYPE	ANGLE	THICKNESS (mm)					
				9															
				10															
				11															
				12		PHYLLITE: Blue grey with white (quartzitic) foliation banding	SW						Jo	60	2	Undulating, smooth			
						Quartz banding approximately 30mm thick							Jo	60	2	Undulating			
		Is(50)=1.96											Jo	70	5	Clay, infill			
													Jo	30	2	Thin quartz lining			
													Jo	30	1	Thin quartz lining			
		Is(50)=1.72				Heavy quartz bands up to 50mm thick							Jo	0	1	Undulating			
													Jo	50	2	Undulating, quartz lined			
													Jo	50	2	Undulating, quartz lined			
													Jo	65	1	Undulating, smooth			
			-9.20	14.00									Jo	85	2	Undulating, iron stained			
				15															

NOTES

1) No groundwater encountered prior to washboring at 3m.

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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CORED BOREHOLE LANGP2.GPJ ARUP AUS.GDT 03/01/01