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BOREHOLE RECORD

HOLE

BH33

SHEET 1

OF 3

PROJECT LANG PARK REDEVELOPMENT

LOGGED BY PBF

DATE/S 23.11.00

CONTRACTOR SP & KF Christensen

ANGLE Vertical

GROUND LEVEL ~RL 15.0m

DRILL MODEL Jacro 350

BEARING -

LOCATION Refer Borehole Plan

MOUNTING 4WD Truck

DIAMETER 50/75/100mm

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	ST	ST	HL	VL	LD	MD	VD				
	14.70	0.30			Asphalt Gravel Road Base 300mm													PAVEMENT		
					Gravelly/Silty CLAY: Brown to orange brown													FILL		
	13.80	1.20			XW PHYLLITE: Mottled orange brown and grey													XW ROCK		
SPT @ 1.5m 33 / 150mm N = Refusal																				
SPT @ 3.0m 8 / 17 / 20 N = 37																				
SPT @ 4.5m 7 / 30 / 110mm N = Refusal																				
	9.45	5.55			Roller bit refusal at 5.55m															

NOTES

1) No groundwater encountered prior to washboring at 1.5m.

JOB

12215

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

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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	EH		1	3		10	30	TYPE
				1													
				2													
				3													
				4													
				5													
				6		PHYLLITE: Blue grey with white quartzitic foliations, and some orange brown staining	DW							Jo	50	2	Undulating, smooth
		Is(50)=1.62		7		Quartz band, 70mm thick, high to very high strength								Qr	-	70	Quartz band
				8										Jo	70	1	Undulating
				9										Jo	30	-1	Undulating
				10										Jo	50	1	Undulating, smooth
				11										Cl	-	10	Orange brown clay
				12													
				13													
				14													
				15													
				16													
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				100													

NOTES

1) No groundwater encountered prior to washboring at 1.5m.

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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			AHD	m				EL	M	EH		TYPE	ANGLE	THICKNESS (mm)	
100%			6.65	8.35		PHYLLITE: Blue grey with white quartzitic foliations	SW								
				9											
				10											
				11											
				12											
				13											
				14											
				15											

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Borehole BH33

5.55m - 8.65m

Box 1 of 1