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ARUP Geotechnics		BOREHOLE RECORD				HOLE BH27		SHEET 1 OF 4		
PROJECT LANG PARK REDEVELOPMENT						LOGGED BY VL DATE/S 20.11.00				
CONTRACTOR SP & KF Christensen			ANGLE Vertical			GROUND LEVEL ~RL 19.0m				
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	HS		VS
SPT @ 1.5m 28 / 34 N = Refusal	18.30	0.70			Gravelly SILT/Silty GRAVEL: fine to coarse gravel					FILL
	17.50	1.50			gravelly CLAY: orange brown, fine to medium gravel	D				RESIDUAL
	16.00	3.00			Gravelly CLAY/clayey GRAVEL: yellow orange brown, fine to medium gravel and quartz gravel	D				RESIDUAL
					Rock coring from 3.0m to 5.25m					
SPT @ 5.3m 20 / 22 / 25 N = 47	13.75	5.25			XW ROCK: Orange brown with grey bands					XW ROCK
SPT @ 7.5m 30, 120mm N = Refusal					as above					

NOTES

1) No groundwater encountered prior to washboring at 1.5m.
2) Coring from 3.0m to 5.25m and from 10.1m to 11.8m

JOB

12215

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

PROJECT LANG PARK REDEVELOPMENT

LOGGED BY	VL
DATE/S	20.11.00

CONTRACTOR SP & KF Christensen

ANGLE	Vertical
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DRILL MODEL Jacro 350

BEARING -

MOUNTING 4WD Truck

DIAMETER 50/75/100mm

GROUND LEVEL ~RL 19.0m

LOCATION Refer Borehole Plan

[illegible]

NOTES

- 1) No groundwater encountered prior to washboring at 1.5m.
2) Coring from 3.0m to 5.25m and from 10.1m to 11.8m

TYPE OF DISCONTINUITY

Ja	JOINT
Be	BEDDING PLANE PARTING
Fo	FOLIATION PARTING
Cl	CLAY SEAM
We	WEATHERED SEAM
Cr	CRUSHED SEAM
Sh	SHEARED ZONE
Qr	QUARTZ SEAM

JOB

12215

ARUP Geotechnics		CORED BOREHOLE RECORD				HOLE BH27		SHEET 4 OF 4							
PROJECT LANG PARK REDEVELOPMENT						LOGGED BY VL DATE/S 20.11.00									
CONTRACTOR SP & KF Christensen			ANGLE Vertical			GROUND LEVEL ~RL 19.0m									
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	EL		TYPE	ANGLE	THICKNESS (mm)	
						Washbore drilling to 10.1m									
		Is(50)=4.24	8.90	10.10		META-ARGILLITE: Grey to dark grey, some quartz grains	SW						Jo 20	1	Planar, iron stained
													Jo 40	1	
													Jo 70	3	Clayey infill
							XW/DW						Jo 40	1	Planar, iron stained
													Qr 10	10	Crushed quartz band
			7.20	11.80											
				12											
				13											
				14											
				15											
NOTES							TYPE OF DISCONTINUITY				JOB				
1) No groundwater encountered prior to washboring at 1.5m. 2) Coring from 3.0m to 5.25m and from 10.1m to 11.8m							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 LANGPZ.GPJ ARUP AUS.GDT 03/01/01



Borehole BH27

3.00m - 5.25m & 10.10 - 11.80

Box 1 of 1