

COPYRIGHT NOTICE

This geotechnical log and its associated data (the Document) is licensed by the Queensland Department of Housing and Public Works under the [Creative Commons Attribution 4.0 Licence](#) (CC BY 4.0). When reusing the Document, in whole or in part, please attribute the Department and author as follows: "*(c) State of Queensland (Department of Housing and Public Works) 2020, licensed under the CC BY 4.0 Licence, prepared by Arup*". This licence does not apply to logos or trademarks.

LIMITATION OF LIABILITY

The CC BY 4.0 Licence contains a comprehensive Disclaimer of Warranties and Limitation of Liability. In addition, please note that this Document was prepared for Departmental use only. Reuse of the Document by anyone for any other purpose could result in error and/or loss. You should obtain professional advice before making decisions based on the contents of the Document.

When reproducing any part of this Document, you must also reproduce this limitation of liability notice in addition to the italicised attribution statement above.

Retrieved from the Queensland Geotechnical Database <http://qgd.org.au/>

This log has been contributed to the Queensland Geotechnical Database with the permission of Arup.

PROJECT	LANG PARK REDEVELOPMENT			LOGGED BY	PBF
CONTRACTOR	SP & KF Christensen	ANGLE	Vertical	DATE/S	23.11.00
DRILL MODEL	Jacro 350	BEARING	-	GROUND LEVEL	-RL 15.3m
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	S			F	ST	SH	VST	VL	LD	MD	VD				
	14.90	0.40			Asphalt Gravel Road Base 400mm												PAVEMENT			
		1			Silty CLAY: Red brown, high plasticity Colour becoming mottled orange brown and grey												RESIDUAL			
SPT @ 1.5m 4 / 10 / 11 N = 21		2			increasing in stiffness															
	12.70	2.60			XWPHYLLITE: Mottled grey and orange brown												XW ROCK			
SPT @ 3.0m 30 / 80mm N = Refusal		3																		
	11.20	4.10																		
		5																		
		6																		
		7																		

NOTES	JOB
1) No groundwater encountered prior to washboring at 3m.	12215

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

PROJECT LANG PARK REDEVELOPMENT

LOGGED BY PBF

DATE/S 23.11.00

CONTRACTOR SP & KF Christensen

ANGLE Vertical

GROUND LEVEL ~RL 15.3m

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						TYPE	ANGLE	THICKNESS (mm)		
				1										
				2										
				3										
				4										
				5		PHYLITE: Blue grey with white quartzitic foliations	SW				Jo	60	2	Planar, smooth
		Is(50)=1.05		6		Extremely weathered zone	XW				Jo	60	2	Planar, smooth
				7		Core loss 200mm (redrill over stickup)	DW				Jo	20	2	Clayey infill
				8		Extremely weathered zone	XW				Jo	70	2	Undulating, rough
				9			DW				Qr	50		Quartz band
		Is(50)=0.88		10			DW				Jo	80	2	Undulating
			7.85	7.45										

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

JOB

12215



Borehole BH34

4.10m - 7.45m

Box 1 of 1