

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 STADIUM REDEVELOPMENT

LOGGED BY VL
DATE/S 21.10.00

CONTRACTOR SP & KF CHRISTENSEN
DRILL MODEL JACRO 350
MOUNTING 4x4 TRUCK
ANGLE Vertical
BEARING -
DIAMETER 50/75/100mm

GROUND LEVEL -RL 4.25m
LOCATION See Figure 2

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						VS	S	FL	ST	VST		H		VL
Jar Sample					Sandy GRAVEL: Light brown, fine sand fine to coarse gravel												FILL
Jar Sample SPT @ 0.5m 8 / 8 / 12 N = 20		1			Gravelly SAND / Sandy GRAVEL: Fine grained sand, fine to coarse gravel, some rock fragments some coke fragments												
Jar Sample					Silty SAND: Brown, fine sand fine to medium gravel, some coarse gravel Hard drilling, possibly boulder or rock fragment												
Jar Sample SPT @ 1.5m 3 / 5 / 6 N = 11		2			Clayey/Silty SAND: Brown to dark brown, fine to medium gravel, fragments of glass and coke CLAY: Dark brown with orange brown mottling												
SPT @ 3.0m 3 / 5 / 10 N = 15	1.25	3	3.00		Gravelly CLAY: Mottled orange and grey, some medium to coarse gravel and quartz gravel												RESIDUAL
		4			Drilling becoming harder with roller bit												
SPT @ 4.5m 30 / 70mm N = Refusal	-0.25	5	4.50		XW PHYLLITE: Grey mottled light orange brown												XW ROCK
		6															
		7															
	-1.75	6	6.00														

NOTES

1) No groundwater encountered prior to washboring at 2.0m

JOB

12215

BOREHOLE/TEST PIT BOREHOLE.GPJ ARUP_AUS.GDT 11/01/01

PROJECT LANG PARK STADIUM REDEVELOPMENT

LOGGED BY VL

DATE/S 21.10.00

CONTRACTOR SP & KF CHRISTENSEN

ANGLE Vertical

GROUND LEVEL -RL 4.25m

DRILL MODEL JACRO 350

BEARING -

LOCATION See Figure 2

MOUNTING 4x4 TRUCK

DIAMETER 50/75/100mm

DRILLING			STRATA		LEGEND	MATERIAL DESCRIPTION	WEATHERING	ESTIMATED ROCK STRENGTH	FREQUENCY (per m)	DISCONTINUITIES							
CASING RUN, REC. (%)	WATER	SAMPLE TEST	R.L.	DEPTH						ROCK TYPE Colour, Grain Size, Structure, Minor Components	EL	M	EH	SPECIFIC			GENERAL DESCRIPTION
			AHD	m										TYPE	ANGLE	THICKNESS (mm)	
				1													
				2													
				3													
				4													
				5													
				6		PHYLLITE: Mottled orange brown and blue grey	DW					Qr	0	20	with crushed rock		
		Is(50) = 0.59				becoming blue grey with white foliation bands						Qr	0	30		with crushed rock	
												Qr	0	40		with crushed rock	
				7								Cr	10	10	with crushed rock		
												Cl	0	15			
												Qr	0	40	surrounded by bands of quartz XW Quartz with crushed rock		
												Jo	45	0			
												Qr	30	50			
												Jo	80	0			
		Is(50) = 0.44										Jo	45	2			
			-3.75	8.00													

CORED BOREHOLE BOREHOLE.GPJ ARUP_AUS.GDT 11/01/01

NOTES

1) No groundwater encountered prior to washboring at 2.0m

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

PROJECT LANG PARK STADIUM REDEVELOPMENT

LOGGED BY VL

DATE/S 21.10.00

CONTRACTOR SP & KF CHRISTENSEN

ANGLE Vertical

GROUND LEVEL -RL 4.25m

DRILL MODEL JACRO 350

BEARING -

LOCATION See Figure 2

MOUNTING 4x4 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	EH	1-3	10	30	TYPE	ANGLE		THICKNESS (mm)			
		Is(50) = 0.46			<p>PHYLLITE: Blue gray with white foliation bands</p> <p>clay seam 70mm thick, with XW Quartz and XW rock crushed in clay seam</p> <p>Clay seam 200mm thick vertical</p> <p>Clay seam 90mm thick</p>	SW											<p>XW Quartz and XW rock in clay seam</p> <p>Clay seam</p> <p>Vertical clay seam</p> <p>XW crushed quartz and XW crushed rock</p> <p>crushed quartz</p> <p>crushed quartz</p> <p>crushed quartz</p> <p>crushed quartz</p> <p>crushed quartz</p> <p>crushed quartz</p> <p>crushed quartz</p>			
		Is(50) = 1.12		9																
				10																
				11																
				12																
			-7.75	12.00																
				13																
				14																
				15																
				12																
				12																
				12																
				12																
				12																
				12																
				12																
				12																
				12																
				12																
				12																
				12																

NOTES
1) No groundwater encountered prior to washboring at 2.0m

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 1

6m - 12m

Box 1 of 1