

COPYRIGHT NOTICE

This geotechnical log and its associated data (the Document) is licensed by South Bank Corporation under the [Creative Commons Attribution 4.0 Licence](#) (CC BY 4.0). When reusing the Document, in whole or in part, please attribute as follows: "*(c) South Bank Corporation 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 South Bank Corporation 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 Southbank Parklands Redevelopment

LOGGED BY PBF
DATES 10/3/99

CONTRACTOR Daly Bros
DRILL MODEL DB1000
MOUNTING Barge
ANGLE Vertical
BEARING
DIAMETER

GROUND LEVEL RL -10.3m
EASTING 1401.15
NORTHING 1123.48

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	
			MH		Casing Sunk through soft silty bed				ALLUVIUM
		1							
		2							
		3							
		4							
		5	CH		Suspect Marine CLAY				
		6							
		7							
		8							
		9							
		10							

Casing sunk under self weight

NOTES

JOB

11257

PROJECT Southbank Parklands Redevelopment

LOGGED BY PBF
DATES 10/3/99

CONTRACTOR Daly Bros
DRILL MODEL DB1000
MOUNTING Barge

ANGLE Vertical
BEARING
DIAMETER

GROUND LEVEL RL -10.3m
EASTING 1401.15
NORTHING 1123.48

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		
	AHD	m				VS	COHESIVE	NON COHESIVE			
							SL	ST	VL	LD	VD
		11	CH								
SPT @ 12.0 5/7/14 N=21		12.0	SM	Silty SAND: Dark grey, fine grained.							
		13									
		14									
SPT @ 15.0 30/85mm N=R		15.0	GC	Clayey GRAVEL: Grey to orange brown, medium grained gravel, some quartz							
		16									
		16.4		Material becoming harder, suspect XW Phyllite							XW PHYLLITE
		17									
		18		Start Coring at 17.5m							
		19									
		20									

NOTES

JOB

11257

PROJECT Southbank Parklands Redevelopment
 LOGGED BY PBF
 DATE/S 26/3/99

CONTRACTOR Daly Bros ANGLE Vertical
 DRILL MODEL DB1000 BEARING
 MOUNTING Barge DIAMETER NMLC
 GROUND LEVEL RL -10.3m
 NORTHING 1123.48
 EASTING 1401.15

DRILLING		STRATA		MATERIAL DESCRIPTION				DISCONTINUITIES				
RUN REC. (%)	WATER	SAMPLE TEST	R.L.	DEPTH	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH	FREQUENCY (per mm)	SPECIFIC		GENERAL DESCRIPTION
			AHD	m						TYPE	ANGLE	
				11								
				12								
				13								
				14								
				15								
				16								
				17								
				18		Start Coring at 17.5m	SW					
				18		Core Loss						
				19		PHYLLITE: Dark grey with light grey foliations, some quartz veins in foliations, fractured				Cr	000	Crushed seam, trace clay
				19		Becoming less fractured	FR			Fo	70	Continuous, most closed, some quartz
		Is (50) =1.77 Is (50) =2.37		19.3						Jo	0	<2 Open, rough, crossing foliation
				20						Cr	100	

NOTES

TYPE OF DISCONTINUITY
 Jo JOINT
 Be BEDDING PLANE PARTING
 Fo FOLIATION PARTING
 Cl CLAY SEAM
 We WEATHERED SEAM
 Cr CRUSHED SEAM
 Sh SHEARED ZONE

JOB
11257

FN32.14 October 1994

PROJECT Southbank Parklands Redevelopment

LOGGED BY PBF
DATE/S 26/3/99

CONTRACTOR Daly Bros
DRILL MODEL DB1000
MOUNTING Barge

ANGLE Vertical
BEARING
DIAMETER NMLC

GROUND LEVEL RL -10.3m
NORTHING 1123.48
EASTING 1401.15

DRILLING			STRATA		MATERIAL DESCRIPTION						DISCONTINUITIES		
RUN REC. (%)	WATER	SAMPLE TEST	R.L.	DEPTH	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH	FREQUENCY (per mm)	SPECIFIC		GENERAL DESCRIPTION	
			AHD	m						TYPE	ANGLE		THICKNESS (mm)
100%				21									
100%				21.5						Jo	90	0	Smooth, clay coated
100%				22						Cr	-	200	Sandy/gravelly seam
100%		Is (50) =1.61 Is(50) =1.91		22.7						Jo	90	0	Quartz vein
100%				23						Jo	90	0	Quartz band
				23.4					Fo	80	30	Quartz band	
				23.6									
				24		End BH106 at 23.85m							
				25									
				26									
				27									
				28									
				29									
				30									

NOTES

TYPE OF DISCONTINUITY

JOB

- Jo JOINT
- Be BEDDING PLANE PARTING
- Fo FOLIATION PARTING
- Cl CLAY SEAM
- We WEATHERED SEAM
- Cr CRUSHED SEAM
- Sh SHEARED ZONE

11257