ARUP Geotechnics

BOREHOLE RECORD

HOLE BH105 SHEET 1 OF 1

PROJECT Nundah Bypass

LOGGED BY MS/PF

DATES 21/1/99

CONTRACTOR Daly Bros

DRILL MODEL DB1000

MOUNTING Tandem Drive Truck

ANGLE Vertical

BEARING

DIAMETER NMLC

GROUND LEVEL RL 19.86

EASTING 40469

NORTHING 38797

DRILLING	STRATA				MATERIAL DESCRIPTION	CONDITION		OBSERVATION
SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L. AHD	DEPTH m	GROUP SYMBOL	LEGEND	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER / MOISTURE	CONSISTENCY: COHESIVE VS S F ST VST H; NON COHESIVE VL L MD D VD	SOIL ORIGIN, STRUCTURE, ETC.
Wash boring		0.3	CL		Topsoil	M		TOPSOIL
					CLAY: Red brown, medium plasticity			RESIDUAL SOIL
SPT @ 1m 3/4/5 N=9		1.0						
		2						
SPT @ 2.5m 5/4/4 N=8		2.5			CLAY: Mottled grey and red brown, low to medium plasticity, fine traces of fine gravel			
		3						
SPT @ 4m 13/16/14 N=30		4.0			SANDSTONE, light grey, fine grained with some iron staining, extremely weathered, extremely low strength			XW ROCK
					Start coring at 4.5m Refer to cored borehole logs			
		5						
		6						
		7						
		8						

NOTES

1. Groundwater not encountered prior to commencement of washboring

JOB 11177/1

FN30.14 October 1994

ARUP Geotechnics

CORED BOREHOLE RECORD

HOLE BH105 | SHEET 1 OF 3

PROJECT Nundah Bypass

LOGGED BY MS/PF
DATE/S 21/1/99

CONTRACTOR Daly Bros
DRILL MODEL DB1000
MOUNTING Tandem Drive Truck

ANGLE Vertical
BEARING
DIAMETER NMLC

GROUND LEVEL RL 19.86
NORTHING 38797
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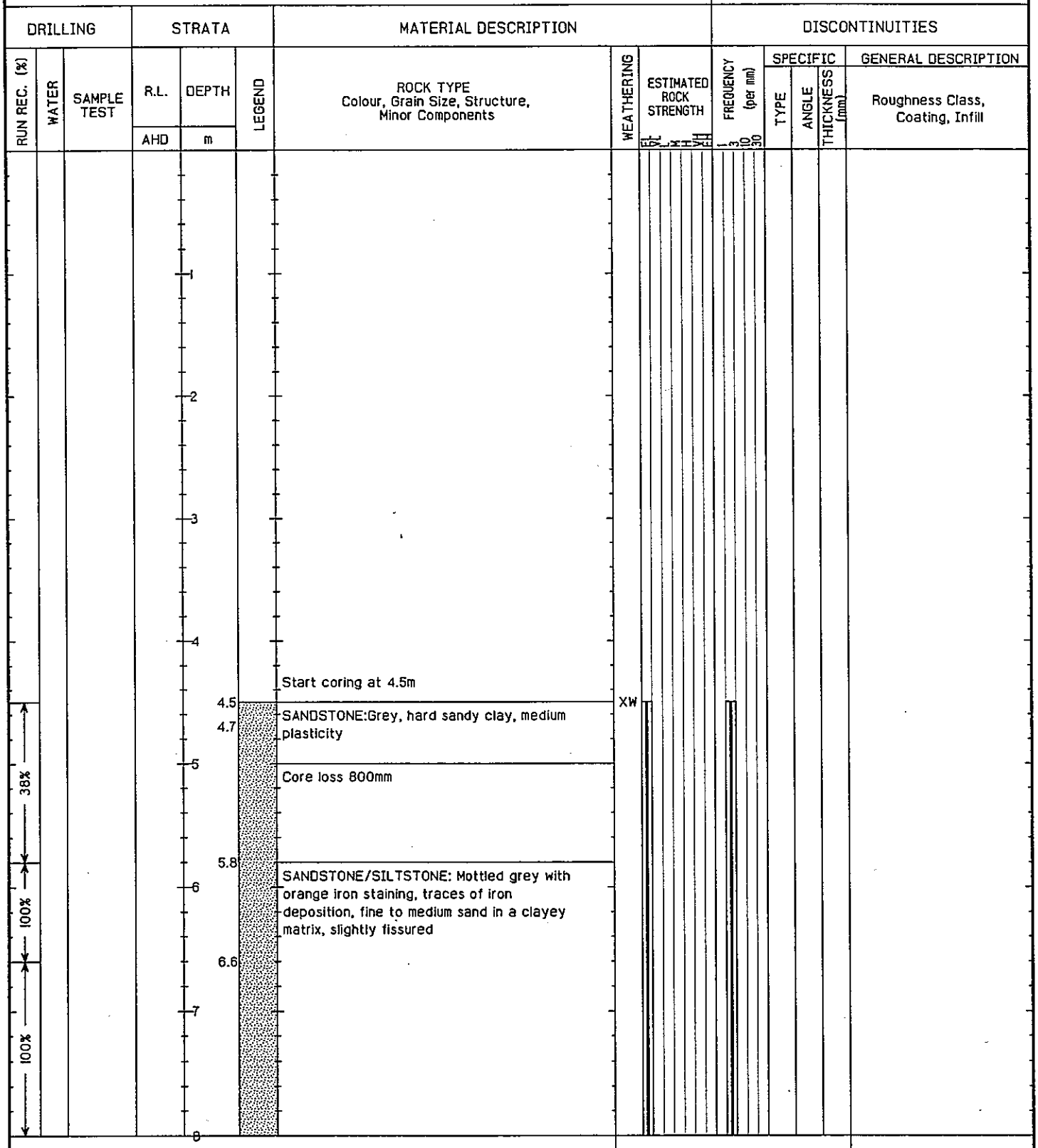

NOTES

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 11177/1

FN32.14 October 1994

ARUP Geotechnics

CORED BOREHOLE RECORD

HOLE BH105 | SHEET 2 OF 3

PROJECT Nundah Bypass

LOGGED BY MS/PF
DATE/S 21/1/99

CONTRACTOR Daly Bros
DRILL MODEL DB1000
MOUNTING Tandem Drive Truck

ANGLE Vertical
BEARING
DIAMETER NMLC

GROUND LEVEL RL 19.86
NORTHING 38797
EASTING 40469

DRILLING			STRATA			MATERIAL DESCRIPTION			DISCONTINUITIES			
RUN REC. (%)	WATER	SAMPLE TEST	R.L. AHD	DEPTH m	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH	FREQUENCY (per m)	SPECIFIC TYPE	SPECIFIC ANGLE	SPECIFIC THICKNESS (mm)	GENERAL DESCRIPTION Roughness Class, Coating, Infill
100%				8.1									
				9									
				9.0		SANDSTONE: Orange brown with iron staining, traces of iron deposition							
				9.6									
100%				10		SILTSTONE: Grey with red iron staining, fissured with slickensided joints, occasional ironstone bands							Ironstone bands 30mm
				11									
				11.1									
100%				12									
				12.6									
100%				13			DW						
				13.0		SANDSTONE band 400mm, light grey to orange							
				13.4		SILTSTONE: Dark grey with thin light grey bands, thinly bedded							
100%				14									
				14.1		SANDSTONE: Light grey with thin dark grey silty bedding bands, fine grained							
				15									
7%				15.5		SANDSTONE: Light grey with thin dark grey silty bedding bands, medium grained							
				15.6									
				15.7		Core loss 1400mm							
				16									

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 11177/1

FN32.14 October 1994

ARUP Geotechnics

CORED BOREHOLE RECORD

HOLE BH105 | SHEET 3 OF 3

PROJECT Nundah Bypass

LOGGED BY MS/PF
DATE/S 21/1/99

CONTRACTOR Daly Bros
DRILL MODEL DB1000
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ANGLE Vertical
BEARING
DIAMETER NMLC

GROUND LEVEL RL 19.86
NORTHING 38797
EASTING 40469

DRILLING			STRATA			MATERIAL DESCRIPTION			DISCONTINUITIES			
RUN REC. (%)	WATER	SAMPLE TEST	R.L. AHD	DEPTH m	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH (EL VL L M H VH EH)	FREQUENCY (per mm) 1 3 10 30	SPECIFIC TYPE	SPECIFIC ANGLE	SPECIFIC THICKNESS (mm)	GENERAL DESCRIPTION Roughness Class, Coating, Infill
7%				17									
				17.1		SANDSTONE: Mottled grey and orange brown, fine to medium grained, cemented							
100%				18									
						Material becoming less cemented							
				18.6		Core loss 500mm							
67%				19									
				19.8		SANDSTONE: Light grey with dark grey silty bedding bands, fine to medium grained							
				20									
				20.1									
				20.3		SANDSTONE: Light brown, fine grained							
100%				21									
				21.65		Core loss 100mm							
				22									
85%		Is (50) =0.04 Is (50) =0.10 Is (50) =0.08		23									
				24		End BH105 at 23.5m							

NOTES

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