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BOREHOLE RECORD

HOLE BH101

SHEET 1

OF 1

PROJECT Nundah Bypass

LOGGED BY MS/PF

DATES 19/1/99

CONTRACTOR Daly Bros

ANGLE Vertical

GROUND LEVEL RL 19.35

DRILL MODEL DB1000



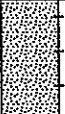
BEARING

EASTING 40383

MOUNTING Tandem Drive Truck

DIAMETER NMLC

NORTHING 38894

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	VST	HL	VL	LD	OD	VD	
Compressed air drilling Rock roller bit		0.5	CL		Bitumen pavement over gravel road base	M										ROAD BASE
SPT @ 1m 6/7/7 N=14		1.0			Sandy CLAY: Red brown, low plasticity, with fine grained sand and occasional ironstone bands											RESIDUAL SOIL
Wash boring		2.1			Material becoming more like weathered rock											XW ROCK
SPT @ 2.5m 17/30/90mm N=R		2.5			SANDSTONE: Mottled grey and red brown, fine to coarse sand in a clayey matrix, occasional thin ironstone bands, extremely weathered, very low strength											
		3			Start coring at 2.8m Refer to cored borehole logs											
		4														
		5														
		6														
		7														
		8														

NOTES

1. Groundwater not encountered prior to commencement of washboring

JOB

11177/1

CORED BOREHOLE RECORD

HOLE **BH101**

SHEET 1

OF 3

PROJECT Nundah Bypass

LOGGED BY MS/PF
DATE/S 19/1/99

CONTRACTOR Daly Bros

ANGLE Vertical

DRILL MODEL DB1000

BEARING

MOUNTING Tandem Drive Truck

DIAMETER NMLC

GROUND LEVEL RL 19.35

NORTHING 38894

EASTING 40383

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)	
				1								
				2								
						Start coring at 2.8m						
100%				3		SANDSTONE: Mottled red brown and grey, fine grained sand in a clayey matrix	XW			We	0 30	Medium strength ironstone bands, average 30mm
100%						Ironstone band approximately 100mm						
100%						Ironstone band approximately 100mm						
100%				4								
				5								
				5.4								
				6								
98%												
100%				7	7.0	Core loss 30mm						

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

11177/1

FN32.14 October 1994

CORED BOREHOLE RECORD

HOLE **BH101**

SHEET 2

OF 3

PROJECT Nundah Bypass

LOGGED BY MS/PF

DATE/S 19/1/99

CONTRACTOR Daly Bros

ANGLE Vertical

GROUND LEVEL RL 19.35

DRILL MODEL DB1000

BEARING

NORTHING 38894

MOUNTING Tandem Drive Truck

DIAMETER NMLC

EASTING 40383

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)	Roughness Class, Coating, Infill
100%													
97%				8.6		SILTSTONE band 200mm, mottled grey and brown, thinly bedded	DW						
				9		SANDSTONE: Orange brown, fine grained							
				10									
				11		Grading to SANDSTONE, orange brown, fine to coarse grained, cemented							
				11.7		Core loss 100mm							
				12		SANDSTONE becoming medium grained					Be	10	0
				13									Closed bedding planes
				14									
				14.6		Core loss 30mm							
100%				15									
				16									

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

11177/1

FN32.14 October 1994

CORED BOREHOLE RECORD

HOLE **BH101**

SHEET 3

OF 3

PROJECT Nundah Bypass

LOGGED BY MS/PF

DATE/S 19/1/99

CONTRACTOR Daly Bros

ANGLE Vertical

DRILL MODEL DB1000

BEARING

MOUNTING Tandem Drive Truck

DIAMETER NMLC

GROUND LEVEL RL 19.35

NORTHING 38894

EASTING 40383

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%				16.2								
100%				17.0		SANDSTONE/IRONSTONE band 100mm, fine grained						
100%				17.7		SILTSTONE: light to dark grey, thinly bedded						
				18								
				19								
				20								
				21								
				22								
				23								
				24								
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					11177/1	

FN32.14 October 1994