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PROJECT **Nundah Bypass**

LOGGED BY **MS/PF**
DATES **20/1/99**

CONTRACTOR **Daly Bros**
DRILL MODEL **DB1000**
MOUNTING **Tandem Drive Truck**

ANGLE **Vertical**
BEARING
DIAMETER **NMLC**

GROUND LEVEL **RL 22.43**
EASTING **40378**
NORTHING **38849**

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	ST	VH	VL	LD	VD	
Wash boring Rock roller bit		0.5	CH	Bitumen pavement over gravel road base		M							ROAD BASE
SPT @ 1m 4/3/2 N=5		1.0		CLAY: Grey and red brown, medium to high plasticity									RESIDUAL SOIL
SPT @ 2.5m 36/150mm N=R		2.5	SC	SAND: Mottled grey and red brown, fine to medium grained, slightly cemented with traces of clay -									XW ROCK
		3		Start coring at 2.7m 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 **BH103**

SHEET 1

OF 4

PROJECT **Nundah Bypass**

LOGGED BY **MS/PF**

DATE/S **20/1/99**

CONTRACTOR **Daly Bros**

ANGLE **Vertical**

GROUND LEVEL **RL 22.43**

DRILL MODEL **DBI000**

BEARING

NORTHING **38849**

MOUNTING **Tandem Drive Truck**

DIAMETER **NMLC**

EASTING **40378**

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)	
						Start coring at 2.7m						
100%				2.7		SANDSTONE: Mottled grey with red brown iron staining, fine to medium grained, occasional clayey bands	XW			We	0 30	Weathered red ironstone
				3.2		SILTSTONE: Mottled grey and red brown with iron deposition along fissures						
				3.4								
				3.55		SANDSTONE: Grey with red brown iron staining, occasional harder ironstone bands						
				4								
90%				4.9								
				5								
100%				6								
		Is (50) =0.03		6.35		SILTSTONE band, red brown, with sub angular quartzitic gravel, becoming more sandy with depth						
		Is (50) =0.01		6.4								
				6.5								
				6.95		Core loss 100mm						
93%				7								
				7.7		SILTSTONE: Light grey with red iron staining, occasional harder ironstone bands						
				7.9								
				8								

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

CORED BOREHOLE RECORD

HOLE **BH103**

PROJECT **Nundah Bypass**

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CONTRACTOR **Daly Bros** ANGLE **Vertical**
DRILL MODEL **DB1000** BEARING
MOUNTING **Tandem Drive Truck** DIAMETER **NMLC**

GROUND LEVEL **RL 22.43**
NORTHING **38849**
EASTING **40378**

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%		Is (50) =0.06 Is (50) =0.06		8.5						Jo	70	0	High angle (70 deg) to vertical joints, closed, bedding planes displaced on either side of joint plane
				9.0	SANDSTONE: Light grey with orange iron stained bands, fine grained, slightly clayey								
				9.5									
				9.6	Core loss 100mm								
				10.0									
84%				10.2	SANDSTONE: Light grey, fine grained, slightly clayey								
				11.0									
		Is (50) =0.05 Is (50) =0.06		11.2									
				11.95	SANDSTONE band 50mm, higher strength								
					SANDSTONE: Orange brown iron stained, fine to medium grained								
				12.75	SANDSTONE: Light grey with some iron staining, medium grained, slightly cemented								
				13.0									
		Is (50) =0.02 Is (50) =0.02		14.0									
				14.3	Occasional softer sandy bands, driller noted core swelling slightly								
				15.0									
				15.3	SILTSTONE bands, approximately 10mm					Cl	0	10	
				15.9									

NOTES

- TYPE OF DISCONTINUITY**
- Jo JOINT
 - Be BEDDING PLANE PARTING
 - Fo FOLIATION PARTING
 - Cl CLAY SEAM
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JOB

11177/1

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CONTRACTOR Daly Bros ANGLE Vertical
DRILL MODEL DB1000 BEARING
MOUNTING Tandem Drive Truck DIAMETER NMLC

GROUND LEVEL RL 22.43
NORTHING 38849
EASTING 40378

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)	
76%				16.1		SILTSTONE: Dark grey, thinly bedded						
				16.35		Core loss 250mm						
				16.47		SANDSTONE band 330mm, orange brown, fine grained						
100%				17								
				17.17		SANDSTONE band 280mm, orange brown, fine grained						
				17.65		SANDSTONE: Light grey, fine grained						
100%				18								
				19.1		Thin horizontal bed of fossilised organic matter, dark grey						
				19.35								
100%				20								
		Is (50) = 0.08		20.85								
		Is (50) = 0.08		21								
100%				22								
				23		SANDSTONE: Light grey, fine to medium grained, trace organic bands						
100%				23.7								
86%				24		SILTSTONE: Dark grey						
										Jo 10		High angle (75 deg) vertical joints, open, fossilised

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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)	
75%		Is (50) =0.14 Is (50) =0.19		24.2	Core loss 100mm	SILTSTONE: Dark grey, occasional fine grained sandstone bands						
			24.7	SANDSTONE: Light grey, fine grained, occasional siltstone bands								
			25		Core loss 350mm							
			25.15									
				26	End BH103 at 25.5m							
				27								
				28								
				29								
				30								
				31								
				32								

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