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BOREHOLE RECORD

SHEET 1
OF 1

HOLE BH102

PROJECT Nundah Bypass

LOGGED BY MS/PF
DATES 19/1/99

CONTRACTOR Daly Bros
DRILL MODEL DB1000
MOUNTING Tandem Drive Truck

ANGLE Vertical
BEARING
DIAMETER NMLC

GROUND LEVEL RL 12.48
EASTING 40381
NORTHING 39001

DRILLING	STRATA		MATERIAL DESCRIPTION	CONDITION		OBSERVATION						
	R.L.	DEPTH		CONSISTENCY								
SAMPLE, TEST, BIT, SUPPORT, ETC.	AHD	m	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER / MOISTURE	CONSISTENCY		SOIL ORIGIN, STRUCTURE, ETC.					
					COHESIVE	NON COHESIVE						
				VS	SL	ST	VS	VL	ML	DL	UD	
Wash boring Rock roller bit		0.3	Bitumen pavement over gravel road base	M								ROAD BASE
SPT @ 1m 6/7/6 N=13		1	Gravelly CLAY: Light brown, medium to high plasticity, with fine to medium size sub-rounded gravel									RESIDUAL SOIL / ALLUVIUM?
		2	Driller noted material becoming stiffer									XW ROCK
SPT @ 2.5m 9/13/19 N=32		2.5	SANDSTONE: Mottled grey and red brown, fine grained sand in a high plasticity clayey matrix, occasional thin ironstone bands, trace of organic material, extremely low strength, extremely weathered									
		3										
SPT @ 4m 7/11/16 N=27		4										
		5										
SPT @ 5.5m 12/22/34 N=56		5.5	Material becoming harder									
		6										
		7	Start coring at 6.0m Refer to cored borehole logs									
		8										

NOTES 1. Groundwater not encountered prior to commencement of washboring

JOB

11177/1

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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									
				3									
				4									
				5									
				6									
				6.0									
				6.2									
				6.3									
				6.7									
				7									
				7.2									
				8									

Start coring at 6.0m

SANDSTONE: Light grey with red brown
Ironstone bands, fine grained

Ironstone band approximately 100mm

Core loss 400mm

SANDSTONE: Orange brown with iron
staining, fine grained

43%
95%

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

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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	
86%			8.12	8.2		Core loss 80mm						
			9									
			9.3	9.47		SANDSTONE: Orange brown, fine grained, loosely cemented	XW					
			9.7			Core loss 230mm						
			10			Core loss 700mm						
53%			10.4	10.7		SANDSTONE: Orange brown, fine grained, loosely cemented	DW					
			11	11.2		SANDSTONE: Orange brown with red brown iron staining, fine to medium grained, with occasional softer bands and ironstone lenses						
100%			12			End BH102 at 12.6m						
			13									
			14									
			15									
			16									

NOTES

TYPE OF DISCONTINUITY

JOB

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- Be BEDDING PLANE PARTING
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11177/1