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REPORT OF BOREHOLE: BH407

SHEET: 1 OF 3

DRILL RIG: Fox B40

CONTRACTOR: Schneider Drilling Pty Ltd

LOGGED: BC DATE: 30/8/11

CHECKED: NK DATE: 26/9/11

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 85422.8 m E 60281.0 m N GCCC

PROJECT: Gold Coast Rapid Transit SURFACE RL: -2.92 m DATUM: AHD

LOCATION: Zone 4 INCLINATION: -90°

JOB NO: 117632047 HOLE DEPTH: 16.07 m

Drilling				Sampling		Field Material Description							
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USC SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION		MOISTURE CONDITION	CONSISTENCY	STRUCTURE AND ADDITIONAL OBSERVATIONS
RT	L		0	-2.92	SPT 1.50-1.95 m 1, 2, 1 N=3		SM	Silty SAND dark grey, becoming clay in parts, slight organic odour	W	L			
			1										
			2										
			3	2.90 -5.82	SPT 3.00-3.45 m 6, 10, 14 N=24		SM	SAND fine to coarse grained, angular, pale brown, with rare shells (fine gravel sized fragments)	MD - D				
			4										
			5	4.80 -7.72	SPT 4.50-4.95 m 11, 17, 24 N=41		SM	Silty SAND fine grained, dark grey, silty clay in places, strong organic odour					
			6	5.50 -8.42	SPT 6.00-6.45 m 3, 6, 11 N=17 PP =180 kPa					ML	Clayey SILT low plasticity, trace fine grained sand, trace fine angular gravel fragments weathered bedrock., pale brown with lenses pale grey, becoming clay in places, SPT exhibits very closely spaced fissuring, possible relict structure	W	St - VSt
			7										
			8		SPT 7.57-7.72 m 30/149 mm HB PP =500 kPa			For Continuation Refer to Sheet 2		Handling error for core extraction - therefore core run disturbed			
			9										
			10										

This report of borehole must be read in conjunction with accompanying notes and abbreviations. It has been prepared for geotechnical purposes only, without attempt to assess possible contamination. Any references to potential contamination are for information only and do not necessarily indicate the presence or absence of soil or groundwater contamination.

GAP gINT FN. F01a
RL3



DRILL RIG: Fox B40

CONTRACTOR: Schneider Drilling Pty Ltd

LOGGED: BC DATE: 30/8/11

CHECKED: NK DATE: 26/9/11

CLIENT: McConnell Dowell Constructors (Aust) P/L COORDS: 85422.8 m E 60281.0 m N GCGC
PROJECT: Gold Coast Rapid Transit SURFACE RL: -2.92 m DATUM: AHD
LOCATION: Zone 4 INCLINATION: -90°
JOB NO: 117632047 HOLE DEPTH: 16.07 m

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GAP gINT FN. F02a
RL3

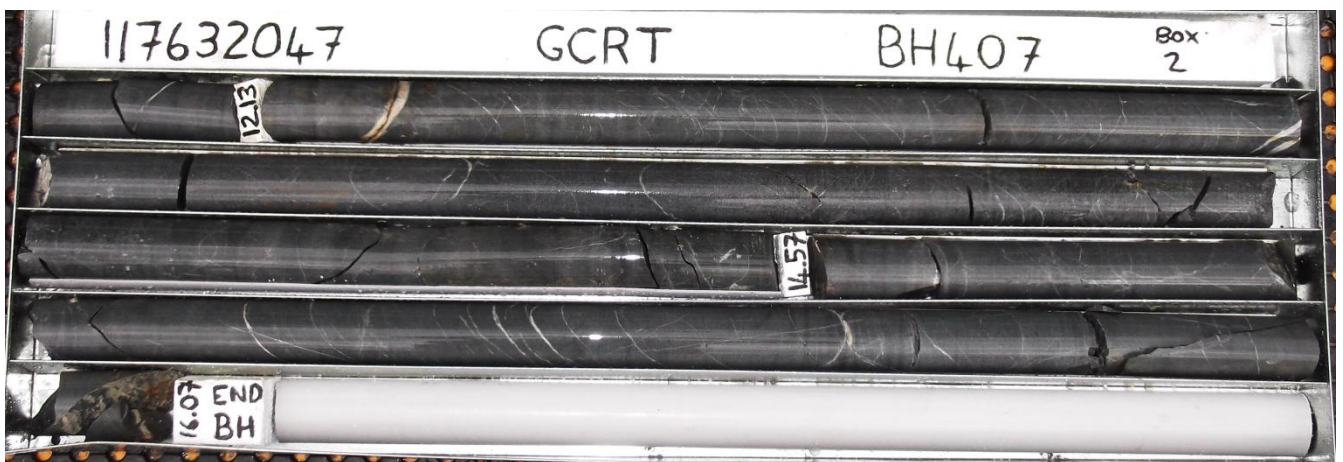


REPORT OF PHOTOGRAPHS: BH407

CLIENT: McConnell Dowell Constructors
PROJECT: Gold Coast Rapid Transit
LOCATION: Zone 4
JOB NO: 117632047

COORDS: 85422.8 m E 60281.0 m N
SURFACE RL: -2.92 m DATUM: AHD
INCLINATION: -90°
HOLE DEPTH: 16.07 m

DEPTH RANGE: 7.80 – 16.07m
DRILL RIG: Fox B40
DRILLER: Schneider Drilling Pty Ltd
LOGGED: FHH DATE: 30/8/11
CHECKED: NK DATE: 25/9/11



7.80 – 16.07 m