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CLIENT DMR
PROJECT IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA

LOGGED BY ACS
CHECKED BY
DRILLED DATE 02-Aug-07

CONTRACTOR Terratest
DRILL MODEL Edson 3000
DRILLER Brent Ormsby
ANGLE Vertical
BEARING -
HOLE DIAMETER 100mm ()

GROUND LEVEL RL 16.69m
LOCATION 32598 E 151295 N
ELEVATION DATUM Australian Height Datum
COORDINATE SYSTEM Local Grid

DRILLING				STRATA		MATERIAL DESCRIPTION				DISCONTINUITIES					
TOR % (Drill rate)	SCR / (ROD)	FLUSH RETURN % (TYPE)	SAMPLES (CaCO ₃ , SPT, UCS, etc)	R.L.	DEPTH	GRAPHIC LOG	ROCK TYPE Grain Size, Texture/Fabric, Colour, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH	Is 50 (MPa)	FREQUENCY (per m)	SPECIFIC		GENERAL DESCRIPTION	
				m	m			EL VL LJ JL LH HL HE				TYPE	ANGLE	THICKNESS (mm)	Planarity, Roughness, Coating, Infill
100(100)	100(100)	(Tuiff polymer + water) 100 %	C		11		MUDSTONE, black, properties of a CLAY (CH) with silt, very stiff to hard, (continued)	RS-XW		A0.12		Jo	40	1	PL-Ro1 CL
			SPTLS | C |		12		.... 11.28m - 11.33m - gravel inclusions, white, medium grained, sub-rounded 11.79m - 11.88m - white-grey cobble inclusion					Be	20	1	PL-UN Ro3 CL
			N 6:13,21	4.24	12.45		CORE LOSS: 0.08m, (mud return is black).					Jo	60-10	1	IR-PL Ro1 CL
			C	4.16	12.53		MUDSTONE, black, properties of a CLAY (CH) with silt, very stiff to hard,.			A0.12					
			SPTLS		13		.... 14.29m - 14.47m - white Siltstone (a possible cobble sized inclusion)					Be	<15		PL-UN Ro1
			C		14		.... 14.80m - 14.86m - white Siltstone inclusion 14.97m - 15.00m - Sandstone - XL, XW, fine to medium grained, grey, massive								
			SPTLS	1.49	15.20		CORE LOSS: 0.52m, (mud return is black).								
			C	0.97	15.72		SANDSTONE, fine to coarse grained, massive, grey.	RS-XW		A0.02					
			SPTLS		16		SANDSTONE, fine to coarse grained, massive grey.								
			C		17		MUDSTONE, massive black properties of a CLAY (CH) with silt, very stiff to hard,.	RS-XW							
			SPTLS		18		SANDSTONE, fine to medium grained, massive grey.	RS-XW		A0.23					
			C		18.00		CORE LOSS: 2.37m, (mud return is grey with a sand, medium to coarse grained),.								
			SPTLS	-1.31	18.25										
			C	-1.56	18.37										
			SPTLS	-1.68	18.63										
			C	-1.94	19										

NOTES Hole Diameter 100mm to 21.12m depth. (Solid Flight Augering to 9m. HW casing to 9.2m. NMLC coring from 9.45m to 21m. No free groundwater observed during drilling.)

JOB

86015

CLIENT	DMR	LOGGED BY	ACS
PROJECT	IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA	CHECKED BY	
		DRILLED DATE	02-Aug-07
CONTRACTOR	Terratest	ANGLE	Vertical
DRILL MODEL	Edson 3000	BEARING	-
DRILLER	Brent Ormsby	HOLE DIAMETER	100mm ()
		GROUND LEVEL	RL 16.69m
		LOCATION	32598 E 151295 N
		ELEVATION DATUM	Australian Height Datum
		COORDINATE SYSTEM	Local Grid

DRILLING			STRATA		MATERIAL DESCRIPTION					DISCONTINUITIES				
TOR % (Drill rate)	SCR / (ROD)	FLUSH RETURN % (TYPE)	SAMPLER (CaCO ₃ , SPT, UCS, etc)	R.L.	DEPTH	ROCK TYPE Grain Size, Texture/Fabric, Colour, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH	Is 50 (MPa)	FREQUENCY (per m)	SPECIFIC			GENERAL DESCRIPTION
				m	m						TYPE	ANGLE	THICKNESS (mm)	
13()	13/(13)			4.31	21	CORE LOSS: 2.37m, (mud return is grey with a sand, medium to coarse grained),. (continued)								
			4.43	21.12	Sandy Gravelly CLAY (CL) black-grey then becoming grey, sand fine to medium grained, grey. End of Borehole at 21.12m									
					22									
					23									
					24									
					25									
					26									
					27									
					28									
					29									

NOTES	Hole Diameter 100mm to 21.12m depth. (Solid Flight Augering to 9m. HW casing to 9.2m. NMLC coring from 9.45m to 21m. No free groundwater observed during drilling.)	JOB	86015
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 Log: 1.2.1 AUSTRALIA ROTARY CORE LOG (rev 22Jan08 checked AB/ACP Feb 2006)
 gINT output page 3 of 3. Made 22Jan08 10:47

BOREHOLE PHOTOGRAPHS



PROJECT:	Ipswich Motorway and Centenary Highway Upgrade	CLIENT:	Department of Main Roads	PROJECT NUMBER:	86015
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Hole: BH 214



Depth:9.45m - 15m



Depth:15.2m - 21m