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CLIENT DMR
PROJECT IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA

LOGGED BY ACS
CHECKED BY GWB
DRILLED DATE 09-Oct-07

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

GROUND LEVEL RL 22.97m
LOCATION 32654 E 150708 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	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							TYPE	ANGLE	THICKNESS (mm)	
70	70/(70)			21.52	1.45		Continued from Borehole CORE LOSS: 0.25m (sand, fine grained in drilling mud return).								
				21.27	1.70		SANDSTONE fine to coarse grained, massive, mottled grey brown with properties of a very dense sand. 2.30 red brown mottled light grey	XWRS XW							
				18.47	4.50		Sandy GRAVEL (GP) very dense, fine to medium grained sub-angular to sub-rounded, sand fine to coarse grained (poorly cemented sands and gravels).								
				18.37	4.60		Clayey Gravelly SAND (SC) very dense, fine to coarse grained, light brown, gravel fine to medium grained, with trace of silt.								
				17.17	5.80		SILTSTONE very fine grained massive, grey, with properties of a hard silty clay with sand very fine grained.	XW							
				15.02	7.95	 7.39 grey-brown mottled light brown								
				14.58	8.39		CORE LOSS: 0.44m (sand, very fine grained in drilling mud return).								
							SILTSTONE massive, grey-brown mottled light brown.	XW							

NOTES Hole Diameter 100mm to 24.59m depth. (SFA to 1.45m NMLC Coring from 1.45m to 2.3m, Washbore with 100mm dia. tri-blade bit from 2.3m to 5.8m, 100mm tri-cone roller from 5.8m to 7.5m. NMLC Coring from 7.95m to 16.6m. Washboring with 75mm dia. tri-blade bit from 16.6m to 24.5m.No free groundwater)

JOB

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CLIENT DMR
PROJECT IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA

LOGGED BY ACS
CHECKED BY GWB
DRILLED DATE 09-Oct-07

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

GROUND LEVEL RL 22.97m
LOCATION 32654 E 150708 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							TYPE	ANGLE	THICKNESS (mm)		
82()	82(82)						SILTSTONE massive, grey-brown mottled light brown. (continued) 10.00m - 10.40m silty clay with sand fine grained 10.50m - 10.61m grey, sand coarse grained and gravel fine grained sub-angular, multicoloured	XW								
				12.02	10.95		CORE LOSS: 1.43m (sand, very fine grained in drilling mud return).									
				10.59	12.38		SILTSTONE massive, grey-brown mottled light brown. 12.54 light brown in places, grey mottled light brown	XW								
				9.27	13.70	 13.60 with a trace of gravel medium grained sub-rounded CORE LOSS: 2.9m (sand, fine to coarse grained in drilling mud return).									
				6.37	16.60		MUDSTONE massive, grey-black, with properties of clay (CH) with silt.	XW								
						 19.00 attempted U50 sample; unable to drive U50 tube									

NOTES Hole Diameter 100mm to 24.59m depth. (SFA to 1.45m NMLC Coring from 1.45m to 2.3m, Washbore with 100mm dia. tri-blade bit from 2.3m to 5.8m, 100mm tri-cone roller from 5.8m to 7.5m. NMLC Coring from 7.95m to 16.6m. Washboring with 75mm dia. tri-blade bit from 16.6m to 24.5m.No free groundwater)

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 Log: 1.2.1 AUSTRALIA ROTARY CORE LOG (rev 22.Jan08 checked AB/ACP Feb 2006)
 gINT output page 2 of 3. Made 22.Jan08 10:47

CLIENT	DMR	LOGGED BY	ACS
PROJECT	IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA	CHECKED BY	GWB
		DRILLED DATE	09-Oct-07
CONTRACTOR	Terratest	ANGLE	Vertical
DRILL MODEL	Edson 3000	BEARING	-
DRILLER	Brent Ormsby	HOLE DIAMETER	100mm ()
		GROUND LEVEL	RL 22.97m
		LOCATION	32654 E 150708 N
		ELEVATION DATUM	Australian Height Datum
		COORDINATE SYSTEM	Local Grid

DRILLING			STRATA		MATERIAL DESCRIPTION				DISCONTINUITIES				
TCR % (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	
			SPTLS N 30/75s		21	MUDSTONE massive, grey-black, with properties of clay (CH) with silt. <i>(continued)</i>	xw						
		(Tuff polymer + water) 100 %			22 21.00 no sample recovered in SPT							
					23								
				-0.53	23.50	SILTSTONE massive, grey mottled light brown.							
			SPTLS N 30/90s		24 24.50 no sample recovered in SPT							
				-1.53	24.50	End of Borehole at 24.59m							
					25								
					26								
					27								
					28								
					29								

NOTES Hole Diameter 100mm to 24.59m depth. (SFA to 1.45m NMLC Coring from 1.45m to 2.3m, Washbore with 100mm dia. tri-blade bit from 2.3m to 5.8m, 100mm tri-cone roller from 5.8m to 7.5m. NMLC Coring from 7.95m to 16.6m. Washboring with 75mm dia. tri-blade bit from 16.6m to 24.5m.No free groundwater)

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