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CLIENT	DMR	LOGGED BY	ACS
PROJECT	IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA	CHECKED BY	GWB
CONTRACTOR	Terratest	DRILLED DATE	27-Aug-07 to 28-Aug-07
DRILL MODEL	Edson 3000	GROUND LEVEL	RL 14.15m
DRILLER	Brent Ormsby	LOCATION	31107 E 149538 N
		ELEVATION DATUM	Australian Height Datum
		COORDINATE SYSTEM	Local Grid

DRILLING	STRATA				MATERIAL DESCRIPTION	CONDITION	OBSERVATION										
SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE Plasticity / Grain Size, Colour, Minor Components	WATER / MOISTURE	CONSISTENCY										SOIL ORIGIN, STRUCTURE, ETC.
							COHESIVE					NON COHESIVE					
	m	m					VS	SL	ST	VST	H	VL	J	MD	D	VD	
	14.06	0.09			ASPHALT.												FILL
	13.85	0.30	SP		gravelly SAND (SP) medium to coarse grained, brown, gravel medium grained, sub-rounded, sub-angular.	D											NONCO
			CL		sandy CLAY (CL) soft to firm, red-brown and yellow-brown, sand fine to coarse grained.	D											
		1			.... 1.00 brown, with gravels fine grained, angular												COHES
	12.65	1.50	SP		SAND (SP) loose then medium dense, fine to medium grained, brown.	M											
SPT at 1.8m N 2;3,4		2			.... 2.20 damp, sand becoming fine to coarse grained												NONCO
		3															
SPT at 3.3m N 4;5,7	10.85	3.30	SP		SAND (SP) medium dense, fine to coarse grained, grey, with gravel fine to medium grained, sub-rounded (quartz), with a trace of clay.												NONCO
		4															
	9.65	4.50	SP		SAND (SP) loose, medium to coarse grained, brown.												NONCO
SPT at 4.8m N 3;2,3	9.27	4.88	CL		.... 4.75 grey, with gravel fine grained, a trace of clay and a trace of gravel coarse grained												COHES
	9.23	4.92	CL		sandy CLAY (CL) soft to firm, grey, sand medium grained. sandy CLAY (CL) soft to firm, light brown, sand fine grained.												
		6															COHES
		7															
	6.62	7.53	SC		clayey SAND (SC) dense, coarse grained, grey, clay (CL).												
SPT at 7.8m N 10;16,27		8			.... 7.85 with gravels fine to coarse grained, sub-angular to sub-rounded, brown												
		9			.... 8.60 probable cobbles (practical refusal with tri-blade bit) .... 8.70m - 10.50m quartz sands, medium to coarse grained, sub-angular to sub-rounded												NONCO

NOTES	Hole Diameter 100mm to 13.50m depth. (Solid Flight Augering to 4.5m. HW casing to 6.5m. Washboring with 100mm diameter tri-blade bit from 4.5m to 8.7, 100mm tri-cone roller from 8.7m to 13.5m. No free groundwater encountered during drilling. Hole collapsed to 12m.) Collapsed at 12m depth	JOB	86015
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CLIENT	DMR	LOGGED BY	ACS
PROJECT	IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA	CHECKED BY	GW/B
		DRILLED DATE	27-Aug-07 to 28-Aug-07
CONTRACTOR	Terratest	ANGLE	Vertical
DRILL MODEL	Edson 3000	BEARING	-
DRILLER	Brent Ormsby	HOLE DIAMETER	100mm ( )
		GROUND LEVEL	RL 14.15m
		LOCATION	31107 E 149538 N
		ELEVATION DATUM	Australian Height Datum
		COORDINATE SYSTEM	Local Grid

DRILLING		STRATA			MATERIAL DESCRIPTION		CONDITION		OBSERVATION							
SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE Plasticity / Grain Size, Colour, Minor Components	WATER/ MOISTURE	CONSISTENCY								SOIL ORIGIN, STRUCTURE, ETC.	
	m	m					COHESIVE					NON COHESIVE				
							VS	SL	ST	VST	H	VL	LD	MD	VD	
<div>SPT at 10.72m N 20;30/140</div>	3.54	10.61	SC		clayey SAND (SC) dense, coarse grained, grey, clay (CL). (continued)											NONCO
			11	SP		.... 10.50m - 10.61m gravels, fine to medium grained sub-angular to sub-rounded SAND (SP) very dense, medium to coarse grained, grey, with gravel fine grained, sub-angular to sub-rounded.										NONCO
			12													
		13														
	0.65	13.50			Borehole completed at 13.5m depth											
		14														
		15														
		16														
		17														
		18														
		19														

NOTES	Hole Diameter 100mm to 13.50m depth. (Solid Flight Augering to 4.5m. HW casing to 6.5m. Washboring with 100mm diameter tri-blade bit from 4.5m to 8.7, 100mm tri-cone roller from 8.7m to 13.5m. No free groundwater encountered during drilling. Hole collapsed at 12m.)	JOB	86015
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