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CLIENT	DMR	LOGGED BY	ACS
PROJECT	IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA	CHECKED BY	GWB
CONTRACTOR	Terratest	DRILLED DATE	13-Aug-07 to 16-Aug-07
DRILL MODEL	Edson 3000	GROUND LEVEL	RL 33.02m
DRILLER	Brent Ormsby	LOCATION	31524 E 149902 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	VD			
SPT at 1.8m N 10;14,13	32.72	0.30	SP		Silty SAND (SP) fine to medium grained, brown, with sand coarse grained and a trace of gravel fine grained. 0.00m - 0.20m with rootlets	D										NONCO	
	32.32	0.70	SP		SAND (SP) fine to coarse grained, brown to light brown, with trace of clay.											NONCO	
	1		SC		Clayey SAND (SC) medium dense, fine to coarse grained, light brown, with clay, ironstone gravels fine grained and trace silt.										NONCO		
			 1.30 red-brown to brown with ironstone gravels fine to medium grained angular to sub-rounded													
	2		SP		SAND (SP) medium dense then dense, fine to coarse grained, yellow-brown. 1.95 red-brown, with ironstone gravel fine to medium grained angular 2.00 sand, coarse grained to gravel, fine grained	D									NONCO		
			CL		Sandy CLAY (CL) hard, medium to coarse grained, brown. 2.70 sandy gravels and cobbles to 3m (auger head destroyed during augering)										NONCO		
	3																
	4																
SPT at 4.8m N 6;17,24	28.52	4.50	SP		SAND (SP) medium dense, medium to coarse grained, multicoloured, with clay and gravel fine grained.											NONCO	
	28.34	4.68	CL CI		Sandy CLAY (CL-CI) hard, fine to medium grained, brown mottled red-brown, sand fine to medium grained, with ironstone bands. 4.90m - 4.95m with silt											COHES	
SPT at 6.19m N 23;30/80	27.02	6.00	SP		Clayey SAND (SP) very dense, fine to coarse grained, grey-light brown to brown, with white fine grained sand inclusions. 6.23 gravel fine to medium grained angular to sub-angular											NONCO	
SPT at 7.56m N 20/110s		7															
SPT at 9.2m N 23;30/100	24.02 23.86	9.00 9.16	CL CI SP		CLAY (CL-CI) soft, with sand medium to coarse grained and gravel medium to coarse grained sub-rounded.											COHES	
					SAND (SP) very dense, fine to medium grained, light brown.											NONCO	

NOTES

Hole Diameter 100mm to 10.95m depth. (Solid Flight Augering to 2.7m. HW casing to 2.5m, HQ casing to 6m.
Washboring with 100mm diameter tri-cone roller from 2.7m to 10.95m. No free groundwater observed during drilling.)

JOB

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ARUP		BOREHOLE RECORD				BH240		SHEET 2	
HOLE						OF 2			
CLIENT		DMR		LOGGED BY		ACS			
PROJECT		IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA		CHECKED BY		GWB			
DRILLED DATE		13-Aug-07 to 16-Aug-07		GROUND LEVEL		RL 33.02m			
CONTRACTOR		Terratest		ANGLE		Vertical			
DRILL MODEL		Edson 3000		BEARING		-			
DRILLER		Brent Ormsby		HOLE DIAMETER		100mm ()			
LOCATION		31524 E 149902 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	
		m		m					
SPT at 10.8m N 13;22,29		22.52		10.50		SP		SAND (SP) very dense, fine to medium grained, light brown. (continued)	
		22.32		10.70		SC		SAND (SC) dense, fine to coarse grained, light brown banded red-brown and grey, with clay and trace of gravel, medium to coarse grained sub-rounded.	
		22.14		10.88		SP		SAND (SP) very dense, fine to coarse grained, brown to light brown, with trace of clay and silt.	
		22.07		11.0.95		SP		SAND (SP) very dense, medium to coarse grained, sub-angular, with trace of quartz gravels fine grained. Borehole completed at 10.95m depth	
		12							
		13							
		14							
		15							
		16							
		17							
		18							
		19							
NOTES		Hole Diameter 100mm to 10.95m depth. (Solid Flight Augering to 2.7m. HW casing to 2.5m, HQ casing to 6m. Washboring with 100mm diameter tri-cone roller from 2.7m to 10.95m. No free groundwater observed during drilling.)						JOB	
								86015	

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