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CLIENT	DMR	LOGGED BY	ACS
PROJECT	IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA	CHECKED BY	GWB
		DRILLED DATE	24-Jul-07
CONTRACTOR	Terratest	ANGLE	Vertical
DRILL MODEL	Edson 3000	BEARING	-
DRILLER	Brent Ormsby	HOLE DIAMETER	100mm ( )
		GROUND LEVEL	RL 25.77m
		LOCATION	32815 E 150717 N
		ELEVATION DATUM	Australian Height Datum
		COORDINATE SYSTEM	Local Grid

DRILLING	STRATA		MATERIAL DESCRIPTION	CONDITION	OBSERVATION														
	R.L.	DEPTH																	
SAMPLE, TEST, BIT, SUPPORT, ETC.	m	m	GROUP SYMBOL	LEGEND	SOIL TYPE Plasticity / Grain Size, Colour, Minor Components	WATER/MOISTURE	CONSISTENCY										SOIL ORIGIN, STRUCTURE, ETC.		
							COHESIVE					NON COHESIVE							
							VS	S	L	ST	VST	H	VL	L	MD	D	VD		
			SM	[Hatched]	Silty SAND (SM) loose, fine to medium grained, brown, with tree roots (appears as a mulch or ripped roots).														FILL
					.... 1.30 with a trace of gravel fine to medium grained, angular to sub-rounded														
					.... 1.55 with steel membrane (fill)														
			SP	[Dotted]	SAND (SP) loose to medium dense, fine grained, light brown, with some quartz sand medium grained.														NONCO
					.... 2.45 with a trace of silt														
					.... 2.95 grey brown and with a trace of clay														
			CL	[Horizontal lines]	Sandy CLAY (CL) firm to stiff, mottled red-brown, light brown and light grey, sand fine grained with ironstone gravel fine to medium grained, rounded to sub-angular.														COHES
					.... 4.00 sand, coarse grained														
			SC	[Dotted]	Clayey SAND (SC) very dense, medium to coarse grained, light brown, red-brown with some grey mottling, with gravel fine grained angular.														NONCO
					.... 4.68m - 4.77m grey, very dense sand coarse grained, and gravel fine grained , with clay (poorly cemented)														
			CL	[Horizontal lines]	Sandy CLAY (CL-CI) firm to stiff, red-brown, sand medium to coarse grained.														COHES
			CI	[Horizontal lines]	Sandy CLAY (CL-CI) stiff, red-brown, light brown and grey.														COHES
			CL	[Horizontal lines]	Clayey SAND (SC) very dense, medium to coarse grained, grey-brown clay (CL) with quartz gravels fine grained, humid to damp.														NONCO
			SC	[Dotted]	SAND (SP) very dense, fine grained, light brown, with a trace of quartz sand coarse grained.														NONCO
			SP	[Dotted]															
			CL	[Horizontal lines]	Sandy CLAY (CL) firm to stiff, red-brown, sand medium to coarse grained.														COHES
			SP	[Dotted]	SAND (SP) loose to medium dense, fine to coarse grained, light brown and brown-grey, with quartz gravel fine grained angular to sub-rounded and a trace of clay, wet.														NONCO
			SP	[Dotted]	SAND (SP) loose to medium dense, medium to coarse grained, red-brown, grey, clear flush return (no loss of water).														NONCO
			CH	[Horizontal lines]	CLAY (CH) very stiff, grey.														COHES

NOTES Hole Diameter 100mm to 18.00m depth. (Solid Flight Augering to 7.5m. HW casing to 7.7m. Washboring with 100mm diameter tri-blade bit from 7.5m to 12m. NMLC Coring from 12.45m to 18m. Groundwater below 7m.)

JOB  
**86015**

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 Log : 1.0.1 AUSTRALIA GENERAL BOREHOLE LOG (rev 12Dec07 checked AB/ACP Feb 2006)  
 gINT output page 1 of 2. Made 22Jan08 10:49

CLIENT	DMR		LOGGED BY	ACS
PROJECT	IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA		CHECKED BY	GWB
			DRILLED DATE	24-Jul-07
CONTRACTOR	Terratest	ANGLE	Vertical	GROUND LEVEL
DRILL MODEL	Edson 3000	BEARING	-	RL 25.77m
DRILLER	Brent Ormsby	HOLE DIAMETER	100mm ( )	LOCATION
				32815 E 150717 N
				ELEVATION DATUM
				Australian Height Datum
				COORDINATE SYSTEM
				Local Grid

DRILLING	STRATA			MATERIAL DESCRIPTION	WATER / MOISTURE	CONDITION										OBSERVATION		
	SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L. m	DEPTH m			GROUP SYMBOL	LEGEND	CONSISTENCY										
								COHESIVE					NON COHESIVE					SOIL ORIGIN, STRUCTURE, ETC.
						VS	S	F	ST	VST	H	VL	L	MD	D	VD		
				CH	CLAY (CH) very stiff, grey. (continued)													
					..... 10.55 very stiff to hard ..... 10.60 with a trace of silt													
	SPT at 10.7m N 19:30/100		11															
			12		..... 12.05 hard ..... 12.15 with silt													
	SPT at 12.3m N 7:25:30				Borehole continued as a Cored Drillhole													
			13															
			14															
			15															
			16															
			17															
			18															
			19															

NOTES	Hole Diameter 100mm to 18.00m depth. (Solid Flight Augering to 7.5m. HW casing to 7.7m. Washboring with 100mm diameter tri-blade bit from 7.5m to 12m. NMLC Coring from 12.45m to 18m. Groundwater below 7m.)	JOB	86015
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 Log : 1.0.1 AUSTRALIA GENERAL BOREHOLE LOG (rev 12Dec07 checked AB/ACP Feb 2006)  
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BOREHOLE PHOTOGRAPHS



PROJECT:	Ipswich Motorway and Centenary Highway Upgrade	CLIENT:	Department of Main Roads	PROJECT NUMBER:	86015
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Hole: BH 224



Depth: 12.45m - 18m