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CLIENT	DMR	LOGGED BY	ACS
PROJECT	IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA	CHECKED BY	GWB
		DRILLED DATE	28-Aug-07 to 29-Aug-07
CONTRACTOR	Terratest	ANGLE	Vertical
DRILL MODEL	Edson 3000	BEARING	-
DRILLER	Brent Ormsby	HOLE DIAMETER	100mm ()
		GROUND LEVEL	RL 14.71m
		LOCATION	31105 E 149600 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.	DEPTH	GROUP SYMBOL		LEGEND	SOIL TYPE	CONSISTENCY										
								COHESIVE					NON COHESIVE					SOIL ORIGIN, STRUCTURE, ETC.
	m	m				VS	S	LF	ST	VST	H	VL	J	MD	D	VD		
	14.61	0.10			ASPHALT. CONCRETE.													FILL
	14.31	0.40	SC		clayey gravelly SAND (SC) fine to coarse grained, brown, clay low plasticity, gravels sub-rounded, humid.	D-M												FILL
	13.71	1.00	CL		CLAY (CL) soft, light brown, red-brown, sand medium to coarse grained, with some gravel fine grained, sub-rounded. 1.30 with sand, and gravels fine grained													NONCO
	13.21	1.50	CL		silty sandy CLAY (CL) firm, grey mottled brown, sand fine to medium grained, with tree roots and charcoal.													COHES
SPT at 1.8m N 1:2,5		2																COHES
	11.71	3.00	SM		silty SAND (SM) medium dense, fine grained, white.													NONCO
SPT at 3.3m N 3:7,13	11.61	3.10	CL		silty sandy CLAY (CL) stiff to very stiff, grey-white, sand fine grained.													COHES
	10.71	4.00	CL		sandy CLAY (CL) stiff to very stiff, fine to medium grained, light brown, with a trace of silt.	D-M												COHES
		5		 4.50 gravel, fine grained, angular, grey and brown 4.78m - 4.95m ironstone gravel, fine to medium grained, angular, with a trace of silt (ironstone gravels have increased blow counts) 5.50 trace of ironstone gravels, fine grained, sub-angular													COHES
SPT at 4.8m N 10:14,23		6																COHES
	8.71	6.00	CL		sandy CLAY (CL) very stiff grey-brown-white, sand medium to coarse grained, quartz gravels fine to coarse grained, sub-rounded to angular.													COHES
	8.48	6.23	SC		clayey SAND (SC) very dense, coarse grained, dark grey, red-brown.													COHES
		7		 7.00 vibrating vigorously to 7.5m													NONCO
		8																NONCO
	5.71	9.00	CL		CLAY (CL) very stiff, grey with light brown banding.													COHES
SPT at 9.3m N 5:12,15		9																COHES

NOTES	Hole Diameter 100mm to 20.46m depth. (Solid Flight Augering to 6m. HW casing to 6.1m. Washboring using 100mm diameter tri-cone roller from 6m to 9m, 100mm diameter tri-blade bit from 9m to 20.3m. No free groundwater encountered during drilling.)	JOB	86015
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