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CLIENT DMR

PROJECT IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA

CONTRACTOR Terratest
DRILL MODEL Edson 3000
DRILLER Brent OrmsbyANGLE Vertical
BEARING -
HOLE DIAMETER 100mm ()LOGGED BY ACS
CHECKED BY GWB
DRILLED DATE 30-Aug-07 to 31-Aug-07GROUND LEVEL RL 25.53m
LOCATION 32724 E 150668 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							
	25.48	0.05	GW		ASPHALT.		VS	S	L	ST	VST	H	VL	J	MD	D	VD	FILL
	25.43	0.10	CL		Sandy GRAVEL (GW) medium grained angular, grey, with sand medium to coarse grained.													FILL
					Gravelly Sandy CLAY (CL) brown and grey, sand fine to coarse grained, gravel fine to medium grained angular.													FILL
	24.91	0.62	CL		Sandy CLAY (CL) firm, brown-grey, sand fine to coarse grained, gravel fine to medium grained sub-rounded.													FILL
		1			.... 1.20 some gravels fine grained sub-rounded													FILL
SPT at 1.3m N 4;10,9	24.03	1.50	CI		Sandy CLAY (CI) firm to stiff then soft to firm, brown, sand fine to coarse grained, gravel fine to medium grained sub-rounded.													COHES
		2																COHES
SPT at 2.8m N 3;4,3		3																COHES
		4			.... 4.00 with gravels, fine to coarse grained angular													COHES
SPT at 4.3m N 2;2,3	20.83	4.70	CL		Sandy CLAY (CL) soft to firm, brown, sand fine to medium grained, gravel fine grained, with silt.													COHES
		5			.... 5.00 with sand, fine to coarse grained, grey-brown, with gravels fine grained sub-angular sub-rounded													COHES
	20.18	5.35	SP		.... 5.22 with sand, fine to coarse grained, grey-brown mottled yellow-light brown													NONCO
SPT at 5.52m N 4;7,4	19.96	5.57	CL		SAND (SP) medium dense, fine to medium grained, grey, with trace gravel angular fine grained, and silt.													COHES
		6			Sandy CLAY (CL) soft, grey, sand fine to medium grained.													COHES
					.... 5.70 becoming light brown													COHES
	18.68	6.86	CL		Sandy CLAY (CL) firm then stiff, grey mottled light brown-red brown with ironstaining in areas (appear as nodules), and some fine grained, angular ironstone gravels, coarse grained ironstone sand.													COHES
SPT at 7.3m N 2;5,8	18.03	7.50	CL		Sandy CLAY (CL) stiff, red-brown, sand fine to medium grained.													COHES
		8																COHES
		9																COHES
NOTES							Hole Diameter 100mm to 17.54m depth. (Solid Flight Augering to 10m. HQ casing to 9.8m. Washboring using 75mm diameter tri-blade bit from 10m to 17.3m. No free groundwater encountered during drilling.)											
							JOB											
							86015											

NOTES Hole Diameter 100mm to 17.54m depth. (Solid Flight Augering to 10m. HQ casing to 9.8m. Washboring using 75mm diameter tri-blade bit from 10m to 17.3m. No free groundwater encountered during drilling.)

JOB

86015

gINT v8.1.013. Licensed to ARUP
Project : j:\86000\86015\design\geotechnics\gint\master w2d(14.12.07).gip
Library : j:\86000\86015\design\geotechnics\gint\library\Aus - library.12 (04.10.007).gib
Log : 1.0.1 AUSTRALIA GENERAL BOREHOLE LOG (rev 12Dec07 checked AB/ACF Feb 2006)
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ARUP		BOREHOLE RECORD				BH247		SHEET 2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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SPT at 10.3m N 5;7,11	15.53	10.00			MUDSTONE extremely weathered, extremely low strength, grey-brown, with properties of a stiff to very stiff sandy clay (CI) with silt and ironstained clay nodules in regions.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									