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CLIENT	DMR			LOGGED BY	ACS
PROJECT	IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA			CHECKED BY	GWB
				DRILLED DATE	05-Oct-07
CONTRACTOR	Terratest	ANGLE	Vertical	GROUND LEVEL	RL 15.82m
DRILL MODEL	Edson 3000	BEARING	-	LOCATION	32628 E 150934 N
DRILLER	Brent Ormsby	HOLE DIAMETER	100mm ()	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									
		m	m						VS	S	LF	ST	VST	H	VL	LD	VD	
	15.62	0.20		SM	Silty SAND (SM) fine grained, brown, with grass rootlets.													NONCO
				CL	Silty Sandy CLAY (CL) soft then firm, fine grained, brown mottled grey, with trace rootlets.													COHES
← SPT at 0.8m N 3;3,4		1			.... 0.85 grass rootlets													
		2																
← SPT at 2.48m N 7;13,21	13.29	2.53		CL	Sandy CLAY (CL) very stiff, grey, sand fine grained.													COHES
		3			.... 3.00 becoming mottled grey, brown, red-brown/purple													
	11.87	3.95		CL	Silty CLAY (CL) very stiff, grey mottled red-brown, with trace sand fine grained.													COHES
← SPT at 4.25m N 3;7,16	11.84	3.98		CL														COHES
	11.52	4.30		CL	Sandy CLAY (CL) very stiff, brown mottled light brown, sand fine to coarse grained, with trace rootlets, wood pieces and silt.													
		5			CLAY (CL) very stiff then hard, grey mottled red-brown, with silt and trace ironstone sand, coarse grained sub-angular.													
		6			.... 5.32 Cl													COHES
← SPT at 5.62m N 17;21,28		6																
	9.32	6.50		CL	CLAY (CL-CI) very stiff, grey-brown, with silt.													
← SPT at 6.8m N 6;10,16		7		CI	.... 6.57 trace root fibres													
		8			.... 8.10 some light brown mottling													
← SPT at 8.3m N 9;11,14		8			.... 8.25 ironstone nodule, appears as ironstone gravels fine to medium grained sub-angular													COHES
		9			.... 9.60 Cl													
← SPT at 9.8m N 10;11,15		9																

NOTES	Hole Diameter 100mm to 17.45m depth. (Solid Flight Augering to 3.5m. HW casing to 3.5m. Washboring with 100mm diameter tri-blade bit from 3.5m to 17m. No free groundwater observed during drilling.)	JOB	86015
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CLIENT	DMR	LOGGED BY	ACS
PROJECT	IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA	CHECKED BY	GWB
		DRILLED DATE	05-Oct-07
CONTRACTOR	Terratest	ANGLE	Vertical
DRILL MODEL	Edson 3000	BEARING	-
DRILLER	Brent Ormsby	HOLE DIAMETER	100mm ()
		GROUND LEVEL	RL 15.82m
		LOCATION	32628 E 150934 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	
			CL		.... 9.91 ironstone nodule, breaks down to a gravel medium to coarse grained angular CLAY (CL-CI) very stiff, grey-brown, with silt. (continued)										
		11			.... 11.00 CI										
SPT at 11.3m N 5;9,13															
		12													
		13			.... 12.60 ironstone lens, 30 Deg. PL, S, <3mm 12.67 ironstone lens, 30 Deg. PL, S, <3mm 12.72 ironstone nodule 12.79 ironstone nodule										
SPT at 12.8m N 8;11,14															
		14													
SPT at 14.3m N 15;13,16	1.46	14.36	CH		CLAY (CH) very stiff then hard, grey-black, with silt.										
		15													
		16			.... 15.50 hard 15.75 siltstone nodule, high strength fragments, light grey										
SPT at 15.8m N 12;17,27															
		17													
SPT at 17.3m N 13;19,27	-1.63	17.45			Borehole completed at 17.45m depth										
		18													
		19													

NOTES	Hole Diameter 100mm to 17.45m depth. (Solid Flight Augering to 3.5m. HW casing to 3.5m. Washboring with 100mm diameter tri-blade bit from 3.5m to 17m. No free groundwater observed during drilling.)	JOB	86015
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