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ARL	JP			BC	DREHOLE RECORD	E	3H30	5	SHEET 1
							DLE		OF 3
CLIENT	DMR	R LOGGEI WICH MOTORWAY UPGRADE - WACOL TO DARRA DRILLER						ALT GWB	
PROJECT				ILLED DATE		y-08 to 28-May-08			
CONTRACTOR DRILL MODEL	Eds	elink Allia son 3000	ince		ANGLE Vertical BEARING -		ROUND LEVE CATION	L RL 20.85m 32687 E 151086 N	
DRILLER	Ter	ratest			HOLE DIAMETER 100mm ()		EVATION DATUM ORDINATE SYST		an Height Datum rid
DRILLING		STRA	ΤΛ		MATERIAL DESCRIPTION		CONDITIO		OBSERVATION
DIVILLING		JIIVA			WATERIAL DEGONITION		CONDING	/14	OBOLIVATION
SAMPLE, TEST,	R.L.	DEPTH	SYMBOL	9		R/ JRE	CONSIST	ENCY	SOIL ORIGIN,
BIT, SUPPORT, ETC.	14.2.		JP S)	LEGEND	SOIL TYPE Plasticity / Grain Size, Colour, Minor Components	WATER / MOISTURE	COHESIVE	NON COHESIVE	STRUCTURE, ETC.
LTO.	m	m	GROUP			> §	VS S ST VST H	4 - 8 - 8	LIO.
				X	GRAVEL, angular, Road base.	D			FILL
	20.35	0.50			-	-			
	20.55	0.50	SM	×	. Silty SAND (SM) medium dense, fine grained, light grey,.	_ M			NONCO
SPTLS N=15 6;6,9	-	1		××	· _				
	-			×		-			
	19.45	1.40	CL	×	Sandy CLAY (CL) hard, light brown.				COHES
	-	-2			-	-			
SPTLS N=50	-	-				-			
10;21,29	18.25	2.60			•				Naviaa
			SM	×	Silty SAND (SM) medium dense to dense, medium grained, red brown,.	M			NONCO
	-	- 3		×	-				
	17.45	3.40		×		1			COLIFO
		0.10	ML	× × ×	Clayey SILT (ML) hard, light brown,.	M			COHES
SPTLS N=35 10;12,23	-			×××		-			
10,12,23	_	4		× ^ ×	-				
		<u> </u>		$\begin{bmatrix} \times \end{bmatrix}$	-	-			
	16.25	4.60		<u>×</u>	MUDSTONE, extremely weathered, very low strength, light grey mottled	D-M			MUD
	_	- 5			- red. 				
	-				-	-			
SPTLS N=33 8;12,21	-	-				-			
] .				-				
	-	-6			-				
	-	İ]			
	.								
SPTLS N=47	-	-				-			
10;17,30	-	7			- -]			
	-								
	-	}				-			
	-	-8			_]			
	-	"							
SPTLS N=41 12;17,24	-	-				-			
		<u> </u>]			
	-	9			-				
	-	-				-			
	-]			
SPTLS N=41		-							
	1	1	l	\vdash		1		-1.1111	
10;17,24		_			150mm Auger to 12m then 100mm			JOB	

ARU	<i>,</i> •				DREHOLE RECORD	_	3H30	•		
CLIENT							GGED BY		OF 3	
DDO IECT	DMR	н мото	HMOTORWAY UPGRADE - WACOL TO DARRA					ALT GWB		
PROJECT				VI UPG		DRILLED DATE 27-May-08 to 28- GROUND LEVEL RL 20.85m			-	
CONTRACTOR DRILL MODEL	Edsc	link Allia on 3000	nce		ANGLE Vertical BEARING -		ROUND LEVE CATION	7 E 151086 N		
DRILLER	Terra	atest			HOLE DIAMETER 100mm ()		VATION DATUN ORDINATE SYS		ian Height Datum	
DRILLING	STRATA				MATERIAL DESCRIPTION		CONDITION		OBSERVATIO	
CAMPLE TECT	_		GROUP SYMBOL			CONSISTENCY			SOIL ORIGIN,	
SAMPLE, TEST, BIT, SUPPORT,	R.L.	DEPTH	IXS c	LEGEND	SOIL TYPE Plasticity / Grain Size, Colour, Minor Components	WATER / MOISTURE	COHESIVE	NON	STRUCTURE,	
ETC.			ROUF	쁘	radially results of the composition of	NO M	VS S F ST VST	COHESIVE	ETC.	
	m	m	<u> </u>		MUDSTONE, extremely weathered, very low strength, light grey mottled		<u>Σ</u> ωπρ <u>Σ</u> Ξ	ZUZUZ	MUD	
	†				red. (continued)	-				
	[
						-				
	+	11			-					
SPTLS N=34	1 †					1				
10;7,27	I				•]				
						-				
	+	12			-	-				
]				
	8.25	12.60	CM		City CAND (CM) and deep for regional light beauty with also	10/			SNDGRV	
SPTLS N=64*			SM	×	Silty SAND (SM) very dense, fine grained, light brown, with clay.	W			SNDGRV	
18;30/140	1 +	13		×	-	-				
	1 †			×		1				
	I			× · . ·	•]				
				× ×		-				
	1 +	14		×		1				
SPTLS N=51*	6.55	14.30		×	. MUDSTONE, extremely weathered, very low strength, dark grey, with	- - D			MUD	
11;46/270					pockets of silty SAND.	-				
	1 +					-				
	1 †	15			-	1				
	1 1]				
						-				
SPTLS N=57* 16;55/290	+					-				
10,55/290	1 †	16			-					
	I				•					
	+				16.50m - 16.70m gravelly band	-				
	†					-				
		17			-					
SPTLS N=58* 20;56/290						-				
	+					-				
		18			_	1				
		٠٠								
						-				
	†					-				
SPTLS N=48 9;18,30	1	19			· _	1				
	[-				
	+					-				
	†				19.70m - 19.90m gravelly band	-				
					10.7 Jill - 10.00m gravolly band]				
NOTES Hole Dia	motor 100	to 00	75		150mm Auger to 12m then 100mm		•	JOB		

ARU	JP	В	OREHOLE RECORD	BH30	5	SHEET 3 OF 3		
CLIENT PROJECT	DMR IPSWICH MO	TORWAY UP	GRADE - WACOL TO DARRA	LOGGED BY CHECKED BY DRILLED DATE		y-08 to 28-May-08		
CONTRACTOR DRILL MODEL DRILLER	Safelink Al Edson 300 Terratest		ANGLE Vertical BEARING - HOLE DIAMETER 100mm ()	GROUND LEVEL LOCATION ELEVATION DATUM COORDINATE SYST	32687 E 151086 N M Australian Height Datum TEM Local Grid			
DRILLING	STR	ATA	MATERIAL DESCRIPTION	CONDITIC	N	OBSERVATION		
SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L. DEPTI	GROUP SYMBOL	SOIL TYPE Plasticity / Grain Size, Colour, Minor Components	MOISTURE / S S COHESIAE / COHESIAE / COHESIAE H	NON COHESIVE	SOIL ORIGIN, STRUCTURE, ETC.		
- - SPTLS N=45 - 12;16,29 -	-21		MUDSTONE, extremely weathered, very low strength, dark grey, with pockets of silty SAND. (continued)			MUD		
SPTLS N=300* 20;30/30	22			-				
. SPTLS N=56* 12:50/270	23							
SPTLS N=62* 16;54/260	- 25							
- - - - SPTLS N=58* - 18;56/290	26			-				
SPTLS N=69* 22;30/130	27							
N = 75* S - SPTLS N=75* 26;30/120	-8.55 - 29.4 -8.90 _ 29.7	SIVI X	Silty SAND (SM) very dense, fine grained, grey, with silt. Borehole completed at 29.75m depth	- W		SNDGRV		
NOTES Hole Dia								