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CLIENT	DMR	LOGGED BY	ACS
PROJECT	IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA	CHECKED BY	
		DRILLED DATE	03-Jul-07 to 05-Jul-07
CONTRACTOR	Terratest	ANGLE	Vertical
DRILL MODEL	Edson 3000	BEARING	-
DRILLER	Brent Ormsby	HOLE DIAMETER	100mm ()
		GROUND LEVEL	RL 43.74m
		LOCATION	32157 E 152471 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	WATER / MOISTURE	SOIL ORIGIN, STRUCTURE, ETC.
	m	m				
	43.44	0.30	SP	Silty SAND (SP) fine grained, black grey-brown, with gravel, medium grained, red with a trace of silt, and grass rootlets in upper 50mm.	D-M	TOP
			CL	Silty CLAY (CL) stiff, brown-red and red. 0.45 becoming very stiff, and red in colour 0.60 becoming hard	D	COHES
	42.74	1.00	CL	Silty CLAY (CL) hard, mottled red-brown grey.		COHES
	42.64	1.10	SC	Clayey SAND/Sandy CLAY (SC) hard, fine to medium grained, grey.		NONCO
	42.57	1.17	CL	Silty CLAY (CL) hard, mottled red-brown grey.		COHES
			CL	Borehole continued as a Cored Drillhole		
		2				
		3				
		4				
		5				
		6				
		7				
		8				
		9				

NOTES	Hole Diameter 100mm to 15.00m depth. (Solid Flight Augering to 1.2m. HQ casing to 1.2m. NMLC coring from 1.2m to 15m. No free groundwater observed during drilling.)	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 1. Made 22Jan08 10:49

CLIENT DMR
PROJECT IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA

LOGGED BY ACS
CHECKED BY
DRILLED DATE 03-Jul-07 to 05-Jul-07

CONTRACTOR Terratest
DRILL MODEL Edson 3000
DRILLER Brent Ormsby
ANGLE Vertical
BEARING -
HOLE DIAMETER 100mm ()

GROUND LEVEL RL 43.74m
LOCATION 32157 E 152471 N
ELEVATION DATUM Australian Height Datum
COORDINATE SYSTEM Local Grid

DRILLING				STRATA		MATERIAL DESCRIPTION				DISCONTINUITIES			
TOR % (Drill rate)	SCR / (ROD)	FLUSH RETURN % (TYPE)	SAMPLES (CaCO ₃ , SPT, UCS, etc)	R.L.	DEPTH	ROCK TYPE Grain Size, Texture/Fabric, Colour, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH	Is 50 (MPa)	FREQUENCY (per m)	SPECIFIC		GENERAL DESCRIPTION
				m	m						TYPE	ANGLE	
100()	100(100)		C			SANDSTONE, medium to coarse grained, red-brown grey. (continued)	DW						
					11 10.90m - 11.05m - fine grained					UN Ro4 Fe		
					12 11.75m - 11.90m - clayey sand : coarse grained, mottled brown grey					UN Ro4 S		
					13 12.30mm - fine grained	MW				UN Ro4 S		
				30.64	13.10	SANDSTONE, medium to coarse grained, grey.					IR Ro4 S		
					14 13.40m - 14.00m - with quartz gravel inclusions, medium to coarse grained sub-rounded to sub-angular					IR Ro4 S & G		
				29.35	14.39	SAND and GRAVEL (GP) medium to coarse grained, sub-angular to sub-rounded, grey, (Poorly cemented).	SW				IR Ro4 S		
				28.79	14.95	CORELOSS: 0.05m.					IR Ro4 cS & cG		
				28.74	15.00	End of Borehole at 15.00m							
					16								
					17								
					18								
					19								

NOTES Hole Diameter 100mm to 15.00m depth. (Solid Flight Augering to 1.2m. HQ casing to 1.2m. NMLC coring from 1.2m to 15m. No free groundwater observed during drilling.)

JOB

86015

BOREHOLE PHOTOGRAPHS



PROJECT:	Ipswich Motorway and Centenary Highway Upgrade	CLIENT:	Department of Main Roads	PROJECT NUMBER:	86015
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Hole: BH 204



Depth: 1.2m - 6m



Depth: 6m - 12m



Depth: 12m - 15m