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PROJECT MARBURG BYPASS - Warrego Highway Duplication

LOGGED BY PBF
DATE/S 27.9.99

CONTRACTOR SP & KF Christensen Pty Ltd
DRILL MODEL Jacro 350
MOUNTING 4WD Truck

ANGLE Vertical
BEARING -
DIAMETER 50mm

GROUND LEVEL
LOCATION See Figure 2

DRILLING	STRATA				MATERIAL DESCRIPTION	CONDITION								OBSERVATION		
SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER / MOISTURE	CONSISTENCY								SOIL ORIGIN, STRUCTURE, ETC.	
	AHD	m					COHESIVE				NON COHESIVE					
							VS	SL	ST	VST	HL	VL	LD	VD		
			CH		Silty CLAY: Dark grey to black, high plasticity											ALLUVIAL FLOOD PLAIN
U50 @ 1.0m Cu=105 kPa		1														
		2														
SPT @ 2.5m 4/5/6 N=11		3			Silty/Sandy CLAY: Dark grey to brown mottled orange, high plasticity											
		4														
SPT @ 4.0m 3/6/8 N=14		4.00			CLAY: Dark grey mottled orange with trace white, high plasticity											
		5														
		6														
SPT @ 5.5m 4/5/6 N=11		7														
		8														
SPT @ 7.0m 5/8/10 N=18		9														
		8.50														
SPT @ 8.5m 5/5/5 N=10					Sandy CLAY: Dark grey mottled orange brown, high plasticity, fine grained sand											

NOTES

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11702/2

BOREHOLE/TEST PIT MARBURG2.GPJ ARUP_AUS.GDT 27/10/99

PROJECT **MARBURG BYPASS - Warrego Highway Duplication**

LOGGED BY **PBF**
DATE/S **27.9.99**

CONTRACTOR **SP & KF Christensen Pty Ltd** ANGLE **Vertical**
DRILL MODEL **Jacro 350** BEARING **-**
MOUNTING **4WD Truck** DIAMETER **50mm**

GROUND LEVEL
LOCATION **See Figure 2**

DRILLING	STRATA				MATERIAL DESCRIPTION	CONDITION										OBSERVATION								
SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER/MOISTURE	CONSISTENCY										SOIL ORIGIN, STRUCTURE, ETC.							
	AHD	m					COHESIVE					NON COHESIVE												
							VS	SL	ST	VST	H	VL	L	MD	D	VD								
SPT @ 10.0m 6/6/9 N=15		11			Sandy CLAY: Dark grey mottled orange brown, high plasticity, fine grained sand																			
SPT @ 11.5m 7/11/20/60mm N=Refusal		11.85 12.00			SANDSTONE: Mottled grey, white and brown, fine grained sand, distinctly weathered																		XW/DW SANDSTONE	
		13																						
		14																						
		15																						
		16																						
		17																						
		18																						
		19																						

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BOREHOLE/TEST PIT - MARBURG GPJ ARUP AUS.GDT. 27/10/99

PROJECT MARBURG BYPASS - Warrego Highway Duplication

LOGGED BY PBF
DATE/S 27.9.99

CONTRACTOR SP & KF Christensen Pty Ltd
DRILL MODEL Jacro 350
MOUNTING 4WD Truck

ANGLE Vertical
BEARING -
DIAMETER 50mm

GROUND LEVEL
LOCATION See Figure 2

DRILLING		STRATA		MATERIAL DESCRIPTION						DISCONTINUITIES							
CASING RUN, REC. (%)	WATER	SAMPLE TEST	R.L.	DEPTH	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH			FREQUENCY (per m)			SPECIFIC		GENERAL DESCRIPTION Planarity, Roughness, Coating, Infill	
			AHD	m				EL	M	EH	30	1	TYPE	ANGLE	THICKNESS (mm)		
				11													
100%		Is(50) = 0.4.67 MPa		12		SANDSTONE: Light orange brown, high to very high strength	DW										
85%				13		Core Loss, 100mm SANDSTONE: Orange brown and dark grey, very low strength sandstone with occasional clay seams, fine, medium and coarse grained sand Grading to medium strength Sandstone with interbedded clay seams											
100%		Is(50) = 0.64 MPa		14		SANDSTONE: Brown to orange brown, fine grained sand, medium strength											
				14.85													
				15													
				16													
				17													
				18													
				19													

NOTES

TYPE OF DISCONTINUITY

- Jo JOINT
- Be BEDDING PLANE PARTING
- Fo FOLIATION PARTING
- Cl CLAY SEAM
- We WEATHERED SEAM
- Cr CRUSHED SEAM
- Sh SHEARED ZONE

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CORED BOREHOLE MARBURG2.GPJ ARUP_AUS.GDT 27/10/99



BOREHOLE 103

PLATE No. 3



BOREHOLE 108

PLATE No. 4