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# BOREHOLE RECORD

HOLE

**BH102**

SHEET 1

OF 3

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	LL	MD	DD	VD	
		1.00			FILL: Sandy Clay, orange brown, medium plasticity												FILL
SPT @ 1.0m 5/6/6 N=12			CH		CLAY: Dark grey, medium to high plasticity, organics noted												ALLUVIAL FLOOD PLAIN
		2			Becoming CLAY: Brown, high plasticity												
SPT @ 2.5m 3/3/5 N=8					CLAY: Mottled brown and grey with some orange brown, high plasticity, trace fine gravel												
		3															
SPT @ 4.0m 3/5/6 N=11					CLAY: Mottled grey and orange brown, high plasticity, some fine to medium gravel												
		4															
		5															
SPT @ 5.5m 4/6/8 N=14		5.50	CH		Sandy CLAY: Grey mottled red brown and orange brown (iron staining), high plasticity, fine grained sand, some fine gravel												
		6															
		7															
SPT @ 7.0m 4/7/12 N=19																	
		8															
		8.20			SANDSTONE: Light orange brown, fine grained sand in cemented clay matrix, distinctly weathered												XW/DW SANDSTONE
SPT @ 8.5m 30/100mm N=Refusal		8.60															
		9															
NOTES																JOB	
																11702/2	

BOREHOLE/TEST PIT MARBURG2.GPJ ARUP AUS.GDT 27/10/99



# CORED BOREHOLE RECORD

HOLE

**BH102**

SHEET 3

OF 3

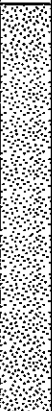
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ANGLE Vertical  
BEARING -  
DIAMETER 50mm

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	
			AHD	m				EL	M		EH	TYPE		ANGLE
100%				11		Core Loss, 50mm SANDSTONE: Light orange brown, fine grained sandstone, well cemented, low strength					CI	0	30	Sandy clay seam
94%		Is(50) = 0.05 MPa	12	Colour grading to orange brown mottled white Colour grading to orange brown							Jo	60	0	High angle joint set
										Jo	60	0	Opposing joint set	
										Jo	50	0		
										Jo	50	0		
										Jo	0	1		
			13	Clayey Sand band Core Loss, 100mm Grading back to Sandstone, orange brown							Jo	45	1	Clayey sand infill
			13.00								CI	50	4	White clay seam
				14										
				15										
				16										
				17										
				18										
				19										

NOTES

TYPE OF DISCONTINUITY

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

JOB

**11702/2**

