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# BOREHOLE RECORD

HOLE

**BH104**

SHEET 1  
OF 2

PROJECT MARBURG BYPASS - Warrego Highway Duplication

LOGGED BY PBF  
DATE/S 28.9.99

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	VT	HL	VL	ML	DL		VD
		0.60			Asphalt Pavement, 70mm Road Base: Coarse gravel											ROAD BASE
		1			Sandy CLAY: Orange brown, high plasticity clay, fine grained sand											FILL EMBANKMENT
		2														
		3			Sandy CLAY: Orange brown, high plasticity, fine grained sand											
SPT @ 3.0m 7/8/7 N=15		4														
		5			Sandy CLAY: Mottled orange brown and grey, fine grained sand, high plasticity clay, trace fine gravel											ALLUVIAL FLOOD PLAIN
		6			Occasional cobbles noted Sandy CLAY: Orange brown, high plasticity clay, fine grained sand, sand content decreasing											
SPT @ 6.0m 4/4/6 N=10		7	CH		CLAY: Dark grey, high plasticity											
SPT @ 7.5m 3/4/5 N=9		8														
U50 @ 9.5m Cu=87.5 kPa		9														

NOTES

$L_n = 90$   
 $N_c = 6$   
540

JOB

11702/2

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

# BOREHOLE RECORD

HOLE

**BH104**

SHEET 2  
OF 2

PROJECT MARBURG BYPASS - Warrego Highway Duplication

LOGGED BY PBF  
DATE/S 28.9.99

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	S	F	ST	VST	H	VL	L		MD	D
			CH		CLAY: Dark grey, high plasticity												ALLUVIAL FLOOD PLAIN
SPT @ 10.5m 5/8/10 N=18		10.95			CLAY: Dark grey with some trace orange brown mottling, high plasticity												
		11															
		12															
		13															
		14															
		15															
		16															
		17															
		18															
		19															

NOTES

JOB

**11702/2**