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BOREHOLE RECORD

SHEET 1

HOLE BH109

OF 1

PROJECT South West Arterial

LOGGED BY PBF

DATES 23/7/99

CONTRACTOR SP & KF Christensen Pty Ltd

ANGLE Vertical

GROUND LEVEL RL 60.1

DRILL MODEL Jacro 350




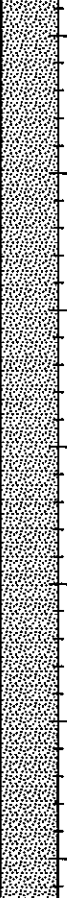
BEARING

EASTING 490 680.1

MOUNTING 4WD Truck

DIAMETER

NORTHING 938 689.4

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			
Augering		0.4	CL		SAND, brown to light brown, fine grained (XW Sandstone, very low strength)											RESIDUAL	
		0.5															
		0.7				Sandy CLAY (CL): Orange brown, low plasticity											
		1			SANDSTONE: Orange brown, extremely weathered												XW SANDSTONE
		1.5				Increasing in strength											
Wash Boring		2															
		3															
		4															
		5															
		6															
		7															
		8				Start Coring at 7.3m											
		9															
		10															

NOTES Outcrops of XW Sandstone on surface

JOB

11613

FN30.14 October 1994

LOGGED BY	PBF
DATE/S	23/7/99

GROUND LEVEL RL 60.1
NORTHING 938 689.4
EASTING 490 680.1

DISCONTINUITIES

Is50= 0.14MPa
Is50= 0.13MPa
Is50= 0.19MPa

JOB

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

11613

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CORED BOREHOLE RECORD

SHEET 2

HOLE **BH109**

OF 2

PROJECT South West Arterial

LOGGED BY PBF
DATE/S 23/7/99

CONTRACTOR SP & KF Christensen Pty Ltd
DRILL MODEL Jacro 350
MOUNTING 4WD Truck
ANGLE Vertical
BEARING
DIAMETER NMLC

GROUND LEVEL RL 60.1
NORTHING 938 689.4
EASTING 490 680.1

DRILLING			STRATA			MATERIAL DESCRIPTION				DISCONTINUITIES				
RUN REC. (%)	WATER	SAMPLE TEST	R.L.	DEPTH	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH	FREQUENCY (per mm)	SPECIFIC			GENERAL DESCRIPTION	
			AHD	m						TYPE	ANGLE	THICKNESS (mm)	Roughness Class, Coating, Infill	
97% 100%		Is50= 0.07MPa		10.2 10.3 10.4 10.7		SANDSTONE: Orange brown, fine to medium grained, medium strength SANDSTONE: Grey, fine to medium grained, low strength				CI CI	20 -	10 40	Clay seam, gray, iron stained	
				12		END BH109 at 11.95m								
				13										
				14										
				15										
				16										
				17										
				18										
				19										
				20										

NOTES

TYPE OF DISCONTINUITY

JOB

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

11613

FN32.14 October 1994



BOREHOLE 109

PLATE No. 8