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BOREHOLE RECORD

PROJECT **South West Arterial**

LOGGED BY **PBF**

DATES **21/7/99**

CONTRACTOR **SP & KF Christensen Pty Ltd**

ANGLE **Vertical**

GROUND LEVEL **RL 46.9**

DRILL MODEL **Jacro 350**

BEARING

EASTING **490 559.9**

MOUNTING **4WD Truck**

DIAMETER

NORTHING **938 656.1**

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	OL	ST	VST	H	VL	LD	VD	
Augering		1	CL	Gravel road base, 50mm Compacted sandstone road base, 200mm CLAY (CL): Brown to red brown, low to medium plasticity										FILL
		1.5		roots noted										RESIDUAL
		1.8		becoming XW SANDSTONE: Orange brown to yellow brown, extremely weathered										XW SANDSTONE
Wash Boring		3												
		4												
		5		ocasional siltstone layers, grey										
		6												
		7												
		7.2		SANDSTONE: Grey, medium grained										
		8												
		9												
		10												

NOTES

JOB

11613

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ANGLE Vertical

GROUND LEVEL RL 46.9

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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					VS	COHESIVE	
					Start Coring at 10.5m				
		11							
		12							
		13							
		14							
		15							
		16							
		17							
		18							
		19							
		20							

NOTES

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PROJECT South West Arterial

LOGGED BY PBF
DATE/S 21/7/99

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

GROUND LEVEL RL 46.9
NORTHING 938 656.1
EASTING 490 559.9

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)
						Start Coring at 10.5m							
100%		Is50= 0.12MPa	10.6	10.7	 SANDSTONE: Grey, medium grained, medium strength SANDSTONE: Grey, medium strength SANDSTONE: Grey, medium strength occasional thin coal seams	DW			Jo	30	5	Clay infill	
100%		Is50= 0.30MPa	11.25	11.6						Jo	30	<5	Smooth, veneer clay coating
			12.5										
			13			END BH104 at 12.8m							
			14										
			15										
			16										
			17										
			18										
			19										
			20										

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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BOREHOLE 104

PLATE No. 4