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BOREHOLE RECORD

SHEET 1

HOLE BH113

OF 1

PROJECT South West Arterial

LOGGED BY PBF

DATES 28/7/99

CONTRACTOR SP & KF Christensen Pty Ltd

ANGLE Vertical

GROUND LEVEL RL 71.3

DRILL MODEL Jacro 350

BEARING

EASTING 491 473.7

MOUNTING 4WD Truck

DIAMETER

NORTHING 939 302.7

DRILLING	STRATA		MATERIAL DESCRIPTION	CONDITION		OBSERVATION							
	R.L.	DEPTH		CONSISTENCY									
SAMPLE, TEST, BIT, SUPPORT, ETC.	AHD	m	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER / MOISTURE	SOIL ORIGIN, STRUCTURE, ETC.								
					COHESIVE	NON COHESIVE							
				VS	SL	ST	VST	HL	VL	LD	OD	VU	
Augering		0.4	Clayey SAND/Sandy CLAY, red brown, low plasticity										RESIDUAL
Wash Boring		1	SANDSTONE: Light orange brown, extremely weathered										XW SANDSTONE
		1.5	becoming red brown returning to light orange brown										
SPT @ 3.0m 30/90mm N=R		3	SANDSTONE: Light orange brown, fine grained, extremely weathered										
		4	Roller bit refusal										
		4	Start Coring at 4.0m										
		5											
		6											
		7											
		8											
		9											
		10											

NOTES

JOB

11613

CORED BOREHOLE RECORD

SHEET 1

HOLE **BH113**

OF 1

PROJECT	South West Arterial		LOGGED BY	PBF
CONTRACTOR	SP & KF Christensen Pty Ltd	ANGLE	Vertical	
DRILL MODEL	Jacro 350	BEARING		
MOUNTING	4WD Truck	DIAMETER	NMLC	
		GROUND LEVEL	RL 71.3	
		NORTHING	939 302.7	
		EASTING	491 473.7	

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 4.0m							
		Is50= 2.40MPa		4.15		SANDSTONE: Orange brown to pale grey, med grained, medium to high strength	DW				Jo	0 <5	Rough, undulating
				4.2							Jo	0 5	No infill
				4.3							Jo	10 10	
				4.4		SILTSTONE: Orange brown to white grey, low strength	XW				Jo	65 5	Closed
				4.45							Jo	85 <5	
		Is50= 0.04MPa		4.75									
				5.35							Cr	- 70	Crushed rock
				5.4							Jo	45 <5	Closed
				5.6									
				5.9									
				6.05		SANDSTONE: Orange brown, low strength					Jo	0 <5	Smooth, undulating
				6.75							Be	0 <5	Bedding parting
		Is50= 0.05MPa		7.1		SANDSTONE: Pale grey with dark grey banding, fine grained, low strength					Jo	5 <5	Smooth, iron stained
				7.9									
				8.1		IRONSTONE: Orange brown, fine grained, medium strength					Jo	5 <5	Highly fractured, iron stained, some clay
				8.5		SILTSTONE: Grey, low strength					Cr	- 200	
						END BH113 at 8.5m							

NOTES	TYPE OF DISCONTINUITY	JOB
	Jo JOINT Be BEDDING PLANE PARTING Fo FOLIATION PARTING Cl CLAY SEAM We WEATHERED SEAM Cr CRUSHED SEAM Sh SHEARED ZONE	11613

FN32.14 October 1994

