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ARU	IP B	OREHOLE RECORD		144.4	SHEET 1
Geotechr	nics			H114	OF 1
PROJECT	South West Arterial		LOGGED BY DATES 28	PBI 7/99	
CONTRACTOR DRILL MODEL MOUNTING	SP & KF Christense Jacro 350 4WD Truck	n Pty Ltd ANGLE Vertical BEARING DIAMETER	GROUND LEVE EASTING 4 NORTHING		T.1
DRILLING	STRATA	MATERIAL DESCRIPTION	CONDITI	ON	OBSERVATION
SAMPLE, TEST, BIT, SUPPORT, ETC.	GROUP SYMBOL CHY	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	MATER / MOISTURE MOISTURE SS ST ASISSHOO	NON COHESIVE	SOIL ORIGIN, STRUCTURE, ETC.
Augering Wash Boring SPT @ 1.6m 30/135mm N=R	CL	SANDSTONE: Orange brown, very low strength, extremely weathered Auger refusal clay content increasing SANDSTONE: Light orange brown to grey, fine grained, silt content increasing SILTSTONE: Grey, extremely weathered increasing in strength Roller bit refusal Start Coring at 3.0m			RESIDUAL XW SANDSTONE/ XW SILTSTONE
NOTES	10		1	JOB	
FN30.14 October	1994			116	513

		RU) p		CO	RED BOREHOLE REC	OR	D	HOL	E	RI	H11	4	SHEET 1
PROJECT South West Arterial									LOGO		_	111	PBF	UF 2
								DATI	7/99					
CONTRACTOR SP & KF Chris DRILL MODEL Jacro 350 MOUNTING 4WD Truck		0	ensen Pty Ltd ANGLE Vo BEARING DIAMETER NI	NOR EAS	ГНІ	lG	939	RL 57.1 9 364.1 523.0						
DRILLING STRATA			STRATA		MATERIAL DESCRIPTION			01	SCO	ONTINUITIES				
%						ING		¥CY ■)	SP	ECIF	ΙC	GENERAL DESCRIPTI		
RUN REC.	WATER	SAMPLE TEST	R.L.	DEPTH	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components ROCK TYPE ESTIMATED ROCK TYPE STRENGTH WING COLOUR STRENGTH	FREGUENCY 10 (per mm)	TYPE	ANGLE	THICKNESS	Roughness Class, Coating, Infill			
~ x00!	NOTI	Is50= 0.16MPa Is50= 0.05MPa Is50= 0.06MPa Is50= 1.73MPa Is50= 1.36MPa		3 3.3 3.4 4.1 4.4 4.4 4.7 5.5 5.2 5.0 6.0 7.7 7.7.7 8.8 8.9 8.9		Start Coring at 3.0m SANDSTONE: Orange brown, high strength band, 200mm Decoming low strength SILTSTONE: Pale grey with dark grey panding, some orange brown, low strength becoming medium strength Decoming medium strength Incompact of the strength orange brown, highly fractured, low strength It is to be band, medium strength, 100mm SILTSTONE: Grey to orange brown, low strength Decoming less fractured MUDSTONE: Dark grey to orange brown, low strength Decoming low to medium strength SANDSTONE: Orange brown, medium strength becoming high strength MUDSTONE: Dark grey, very low strength SANDSTONE: Dark grey, wery low strength SANDSTONE: Light grey, medium strength	Jo Be Fo	YPE OF DIS JOINT BEDDIN FOLIAT.	CCONTII G PLANION PAR	Jo Jo Jo CI NUIT	45 45 70 90 Y	5 10 \$55	Smoot Clay of Undula staine Soft of	clay band
FN32.14 October 1994						Fo CI We Cr	FO FOLIATION PARTING CI CLAY SEAM WE WEATHERED SEAM					116	613	

C	ec	RU	P	CORED BOREHOLE RECORD								HOL	E	BH114		4	SHEET 2 OF 2
PROJECT South West Arterial									i					PBF 28/7	7/99		
D	CONTRACTOR SP & KF Chris DRILL MODEL Jacro 350 MOUNTING 4WD Truck			acro 350)	tensen Pty Ltd ANGLE Vertical BEARING DIAMETER NMLC					GROUND LEVEL					9 364.1	
DRILLING STRATA			STRATA		MATERIAL DESCRIPTION								D:	ISC	ONTINUITIES		
RUN REC. (%)	WATER	SAMPLE TEST	R.L.	DEPTH	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components		EATE	ESTIMA ROCI STREN	K STH	1	(ber mm)	TYPE GANGLE THICKNESS THIC		GENERAL DESCRIPT Roughness Class, Coating, Infill		
4 - %001 →★ × 1000		Is50= 0.72MPa Is50= 0.80MPa Is50= 0.40MPa		- 10.2 - 10.6 - 11.6 - 11.6 - 12 - 13 - 14 - 15 - 16 - 17		SANDSTONE: Light grey with dark grey banding, medium strength SANDSTONE with interbedded MUDSTONE: Light grey with dark grey banding, medium strength Decoming high strength END BHI14 at 12.Im							CI	0 70	1	Clay s	eam Closed h, iron d
	IOTE	ES	•	- - - 20	- - -		(Jo Be	PE OF JOIN BED	IT DIN	G PI	_AN	E PA	RTIN	VG	JOB	
FN	32.14	l October (1994				FO FOLIATION PARTING CI CLAY SEAM WE WEATHERED SEAM CY CRUSHED SEAM Sh SHEARED ZONE				116	613					



SOUTH WEST ARTERIAL JOB # 11613



BOREHOLE 114

PLATE No. 13