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TEST PIT LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/6-2010

FEATURE No TP09

SHEET 1 of 1

DATE EXCAVATED 15/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C

LOCATION Cut 7

COORDINATES 472578.1 E; 7092439.3 N

PROJECT No FG5799

SURFACE R.L. 98.60

DATUM AHD

SYSTEM MGA94 Zone 56

JOB No 232/10A/2

EQUIPMENT TYPE AND MODEL JCB Backhoe

BUCKET SIZE 450mm

DEPTH (m)	R.L. (m)	METHOD	USC WEATHERING	SOIL DESCRIPTION SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions	0	4	8	12	16	20	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
0	98.60	BUCKET												
	98.50		ML	TOPSOIL Brown, dry, firm, gravelly silt. Low plasticity, gravel up to 30mm, organics throughout.										
			SC	Gravelly Clayey SAND (Residual) Brown to orange, dry, dense. Cobble sized angular sandstone throughout.								LL = 34; PI = 15; LS = 9.2; MC = 9.8%; WPI=725, WLS=451	11G0749	25013
1	97.80													
			HW	SANDSTONE (HW) When excavated exhibits the engineering properties of brown to orange, dry, gravelly sand.								LL = 29; PI = 10; LS = 6.8; MC = 7%; WPI=307, WLS=218	11G0750	25014
	96.95													
2				Excavation terminated at 1.65m										
3														
4	94.60													

Site before excavation



Test pit profile



Excavated material from 0.1-0.8m



REMARKS MC=Moisture Content, LL=Liquid Limit, PI=Plastic Index, LS=Linear Shrinkage, WPI=PI x % pass 0.425mm sieve,
WLS=LS x % pass 0.425mm sieve, FSV=Field Shear Vane, PP=Pocket Penetrometer, EC=Emerson Class Number

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