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TEST PIT LOG

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

FEATURE No TP10
SHEET 1 of 1
DATE EXCAVATED 15/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
LOCATION Cut 7 COORDINATES 472517.9 E; 7092570.0 N
PROJECT No FG5799 SURFACE R.L. 92.60 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	0 4 8 12 16 >20	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
				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	92.60	BUCKET		TOPSOIL Light brown, dry, firm, gravelly silt. Low plasticity, gravel up to 30mm.				
	92.25		ML					
	91.85		SC	Gravelly Clayey SAND (Residual) Light brown to grey, dry, very dense. Sandstone cobbles throughout.		LL = 41; PI = 19; LS = 11.4; MC = 12.6%; WPI=1064, WLS=638	11G0755	25015
1			HW	SANDSTONE (HW): When excavated exhibits the properties of light grey, dry, very dense, sandy gravel		LL = 33; PI = 13; LS = 8.2; MC = 9.8%; WPI=346, WLS=221, EC=4	11G0756	25016
	90.95							
2				Excavation terminated at 1.65m				
3								
4	88.60							

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Backfilled excavation



Test pit profile



Excavated material from 0.75-1.65m



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

LOGGED BY
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