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TEST PIT LOG

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

FEATURE No TP15
SHEET 1 of 1
DATE EXCAVATED 08/07/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
LOCATION Cut 10 COORDINATES 471594.2 E; 7094777.5 N
PROJECT No FG5799 SURFACE R.L. 79.20 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)	BUCKET	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	79.20					TOPSOIL								MC = 27.2%	11G0654	24790
	79.10					Silty Gravelly SAND (Residual) Dark brown, moist, medium dense.								LL = 23; PI = 7; LS = 5.4; MC = 12.6%; WPI=363, WLS=286, EC=3	11G0655	25119
1	78.20					SANDSTONE (XW) When excavated exhibits the properties of brown to orange, moist, very dense, gravelly silty sand.								LL = 46; PI = 19; LS = 10.8; MC = 17.6%; WPI=1115, WLS=637	11G0656	25118
2	77.20					Excavation terminated at 2m										
3																
4	75.20															

Site before excavation



Test pit profile



Excavated material from 1.0-2.0m



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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