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**Queensland
Government**

Department of
Main Roads

TEST PIT LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/5-2009

FEATURE No TP036

SHEET 1 of 1

DATE EXCAVATED 13/08/09

PROJECT Bruce Highway Cooroy to Curra Section A Geotechnical Investigation

LOCATION Cut 11

COORDINATES 486201.7 E; 7080819.1 N

PROJECT No FG5825

SURFACE R.L. 160.45

DATUM AHD

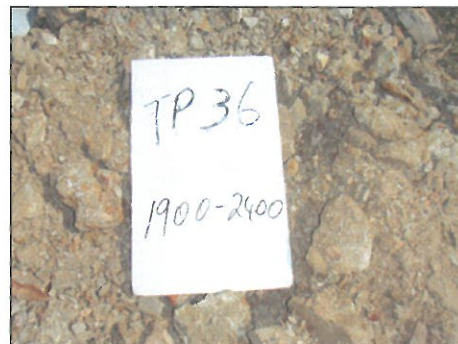
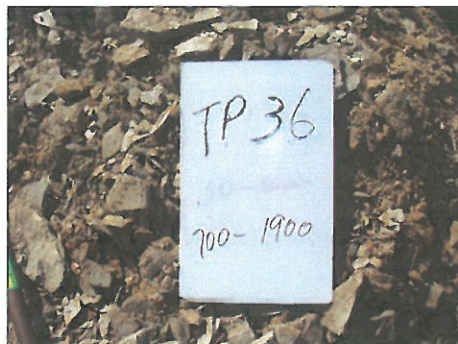
SYSTEM MGA94

JOB No 128/10A/901

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 | VDCP LOG (Cone Resistance) (MPa) 0 4 8 12 16 >20 | ADDITIONAL DATA AND TEST RESULTS | SAMPLE NUMBER | TEST REPORT |
|-----------|----------|--------|----------------|---|---|---|---------------|-------------|
| | | | | ROCK DESCRIPTION ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions | | | | |
| 0 | 160.45 | BUCKET | | Topsoil; Sandy CLAY , orange brown. | | | | |
| | 160.35 | | GM | XW Phyllite; Silty GRAVEL with some sand Orange brown, medium plasticity. Moist, hard. Gravel - angular, medium to coarse, very to low strength, grey with orange Fe staining. | | LL = 37; PI = 10; LS = 6.6; MC = 14.9%; WPI 496 PP(UCS) 597kPa | 09G1285 | 22057 |
| 1 | 159.75 | | HW | HW Phyllite; Silty GRAVELM Mottled grey and red brown, highly jointed, very low to medium strength. Moist, hard. | | LL = 40; PI = 13; LS = 6.8; MC = 8.6%; WPI 403 | 09G1286 | 22072 |
| 2 | 158.55 | | GM | XW Phyllite; Silty GRAVEL with some sand Orange brown, medium plasticity. Moist, stiff. Gravel - angular, medium to coarse, very to low strength, grey with orange Fe staining. | | PP(UCS) 190kPa LL = 32; PI = 9; LS = 6; MC = 13.5%; WPI 287 | 09G1287 | 22071 |
| 3 | 158.05 | | HW | HW Phyllite; Clayey GRAVEL Blue grey with yellow and red Fe staining, highly jointed, low to medium strength. Dry, hard. | | PP(UCS) 130kPa LL = 32; PI = 9; LS = 6; MC = 7.6%; WPI 219 | 09G1288 | 22070 |
| | 157.05 | | | Excavation terminated at 3.4m | | | | |
| 4 | 156.45 | | | | | | | |



REMARKS PP = Pocket penetrometer

LOGGED BY
GB/RK P.Simson