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CLIENT DMR
PROJECT IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA

LOGGED BY ACS
CHECKED BY
DRILLED DATE 11-Sep-07

CONTRACTOR Terratest
DRILL MODEL Edson 3000
DRILLER Brent Ormsby
ANGLE Vertical
BEARING -
HOLE DIAMETER 100mm ()

GROUND LEVEL RL 35.97m
LOCATION 32270 E 152271 N
ELEVATION DATUM Australian Height Datum
COORDINATE SYSTEM Local Grid

| DRILLING | | | STRATA | | MATERIAL DESCRIPTION | | | | DISCONTINUITIES | | | | | | | |
|--------------------|-------------|-----------------------|---|-------|----------------------|-------------|---|------------|-------------------------|-------------|-------------------|----------|-------|---------------------|----------------|--|
| TOR % (Drill rate) | SCR / (ROD) | FLUSH RETURN % (TYPE) | SAMPLES (CaCO ₃ , SPT, UCS, etc) | R.L. | DEPTH | GRAPHIC LOG | ROCK TYPE Grain Size, Texture/Fabric, Colour, Minor Components | WEATHERING | ESTIMATED ROCK STRENGTH | Is 50 (MPa) | FREQUENCY (per m) | SPECIFIC | | GENERAL DESCRIPTION | | |
| | | | | m | m | | | | | | | TYPE | ANGLE | | THICKNESS (mm) | |
| 64() | 64(64) | | | 25.05 | 10.92 | | | | | | | | | | | |
| | | | | 24.97 | 11.00 | | 9.80 becoming mottled red-light brown SANDSTONE, fine grained, extremely low strength, extremely weathered, grey properties of very dense fine grained sand with clay, at 9.8m becoming mottled red, light brown. (continued) | | | | | | | | | |
| | | | | 24.52 | 11.45 | | 10.42 becoming medium to coarse grained | | | | | | | | | |
| | | | | 24.44 | 11.53 | | GRAVEL (GP) fine grained, extremely low to very low strength quartz, sub-angular. | XW | | | | | | | | |
| | | | | 23.97 | 12.00 | | 10.92m - 11.00m - with quartz gravels, fine grained sub-angular | XW | | | | | | | | |
| | | | | 23.67 | 12.30 | | MUDSTONE, properties of clay, very stiff (CH), massive, grey brown with red ironstaining. CORE LOSS: 0.08m. | XW | | | | | | | | |
| | | | | | | | MUDSTONE, properties of clay, very stiff (CH), massive, grey brown mottled light brown. CORE LOSS: 0.3m. | | | | | | | | | |
| | | | | | | | MUDSTONE, massive, grey brown mottled light brown (Properties of clay CH, very stiff to hard). | XW | | | | | | | | |
| | | | | | | | 13.45 grey-brown with iron staining in regions | | | | | | | | | |
| | | | | | | | 14.40 black-grey | | | | | | | | | |
| | | | | 20.47 | 15.50 | | End of Borehole at 15.50m | | | | | | | | | |

NOTES Hole Diameter 100mm to 15.45m depth. (Solid Flight Augering to 3.5m. HW casing to 3.5m. NMLC coring from 3.63m to 15m. No free groundwater observed during drilling.)

JOB

86015

BOREHOLE PHOTOGRAPHS



| | | | | | |
|----------|--|---------|--------------------------|-----------------|-------|
| PROJECT: | Ipswich Motorway and Centenary Highway Upgrade | CLIENT: | Department of Main Roads | PROJECT NUMBER: | 86015 |
|----------|--|---------|--------------------------|-----------------|-------|

Hole: BH 205



Depth: 3.63m - 8.36m



Depth: 9m - 15m