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**Queensland
Government**

Department of
Main Roads

ENGINEERING BOREHOLE

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/3-2005

BOREHOLE No AH43

SHEET 1 of 1

REFERENCE No H9710

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Ipswich Motorway, About Chainage 12226m, 20m right of control MC20 COORDINATES 29225.2 E; 147041.5 N

PROJECT No FG5404 SURFACE R.L. 20.46 DATE STARTED 08/08/05 DATUM Ipswich Motorway

JOB No 148/17A/57 DATUM AHD DATE COMPLETED 08/08/05 DRILLER Drillsure

| DEPTH (m) | R.L. (m) | AUGER | RQD (%) | CORE REC % | SAMPLE | MATERIAL DESCRIPTION | USC WEATHERING | INTACT STRENGTH | DEFECT SPACING (mm) | GRAPHIC LOG | ADDITIONAL DATA AND TEST RESULTS | SAMPLES TESTS | |
|-----------|----------|-------|---------|------------|--------|--|----------------|-----------------|---------------------|-------------|--|-----------------|-----|
| | | | | | | | | | | | | | EH |
| 0 | 20.46 | | | | | | | | | | | | |
| 0 | 20.31 | | | | | ASPHALT CLAYEY SILT & SAND with minor GRAVEL (Possible Fill) | | | | | Based on drillers log. | | |
| 1 | | | | | | Pale brown, minor iron staining, dry. Contains gravel up to 10mm size. | | | | | Mottled red-brown, slightly indurated. | 7,12,13 N=25 | SPT |
| 2 | | | | | | Possible rock fill at base. Loose siliceous gravel encountered. Hole abandoned due to fall in. | | | | | | 5,6,6 N=12 | SPT |
| 2 | | | | | | | | | | | | 5,4,6 N=10 | SPT |
| 2 | 17.96 | | | | | | | | | | Siliceous gravel 50mm size. | 5,6,7 N=13 | SPT |
| 3 | | | | | | Borehole terminated at 2.5m | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |

REMARKS No standing groundwater encountered at time of drilling. Hole abandoned after gravel layer encountered.

LOGGED BY
J. Kleindienst