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## Queensland Government

## GEOTECHNICAL BOREHOLE LOG

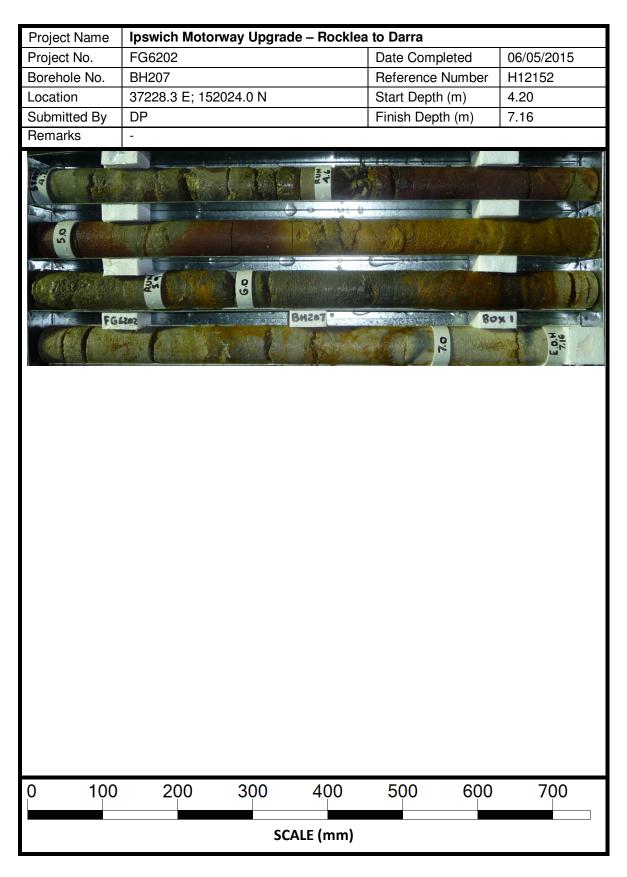
BOREHOLE No BH207

FINAL 25/06/2015

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FOR GEOTECHNICAL TERMS AND H12152 REFERENCE No SYMBOLS REFER FORM F:GEOT 017/8-2014 Ipswich Motorway Upgrade - Rocklea to Darra PROJECT COORDINATES 499104.5 E; 6951154.6 N Gantry Sign LOCATION FG6202 SURFACE RL 7.47m PLUNGE 90° DATE STARTED 06/05/2015 GRID DATUM MGA94 Z56 PROJECT No 201/416/003 DRILLER North Coast HEIGHT DATUM AHD DATE COMPLETED 06/05/2015 JOB No BEARING USCS WEATHERING ADDITIONAL DATA INTACT DEFECT SPACING SAMPLES TESTS LITHOLOGY AND TEST RESULTS SAMPLE STRENGTH DEPTH ( RΙ MATERIAL DESCRIPTION (m) CORE REC % ᅾᆃᆂᆂᄝᆛᆛᆿᆝᇝᇰᄓᄫᇂᆘᇂᇦ Sandy CLAY (Top Soil) (CI) 7.17 Brown grey, moist, soft. Medium plasticity. (CH) Gravelly CLAY (Fill) 6.47 Yellow brown, moist, soft to 1, 2, 2 N=4 firm. SPT High plasticity, fine sub angular (CH) gravel. Silty CLAY (Residual) 5.67 grey brown, moist, soft. 18, 27, 30 High plasticity. N=57 SPT SANDSTONE (Tod) XW XW: Recovered as pale brown pale grey, moist, very dense Silty Sand with HW rock fragments. 4.47 Fine grained sand, fine to coarse 30/80mm kock fragments. SANDSTONE (Tod) HW: Dark purple grey, fine grained, bedded, extremely low to medium strength. Some 30/130mm D Siltstone beds (<500mm). HW BP; 0-5° (6/m) PI/Ro, TI-OP, Cly (0) Ct Is(50)=0.33 MPa A (4.40m) 100 Is(50)=0.34 MPa A (4.80m) 2.17 Is(50)=0.91 MPa A (5.30m) SILTSTONE (Tod) HW: Pale grey yellow brown, fine grained, thinly laminated, extremely low to very low (0) Is(50)=0.11 MPa strength. D (6.10m) HW Thin bands of siltstone. Is(50)=0.08 MPa D (6.40m) (<100mm) Is(50)=0.65 MPa Is(50)=0.39 MPa A (6.55m) Defects: D (6.65m) LP at 0-5°- 7/m Generally defects are Pl, Ro, Fe Is(50)=0.08 MPa 0.31 100 D (7.05m) \_ Şt, Cly Vr. Is(50)=0.16 MPa A (7.10m) -Borehole completed at 7.16m REMARKS: Tod - Darra formation. **LOGGED BY REVIEWED BY** JL/MS SF TMR GEOTECHNICAL BOREHOLE LOG - CREATED WITH HOLEBASE SI





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