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HOLE NO: AHBV 2 **SOIL LOG** PAGE: 1 OF 1 PROJECT: Brisbane Valley Grade Separation JOB NO: QB10200.4 POSITION : E: 470287, N: 6949988 (56 MGA94) SURFACE ELEVATION: 58.2 (AHD) LOCATION: Brisbane Valley Hwy BUCKET WIDTH: 0.1m RIG TYPE: Nissan Rig CONTRACTOR: R. Battison DATE DRILLED: 29/4/11 to 29/4/11 STANDARD: AS1736 LOGGED BY: LN CHECKED BY: VP LAB DATA ONSISTENCY/DENSIT DCP (blows/100mm) SAMPLES & FIELD DATA RL (m) GRAPHIC LOG DRILLING WATER DETAIL MOISTURE MATERIAL DESCRIPTION COMMENTS U.S. Moisture Conten Atterberg Limits Soil Type, Colour, Plasticity or Particle Characteristic Secondary and Minor Components Dry Density % Fines Field Test Data & Other Observations PHALTICASPHALT (0.03m thick), very dense. B-DS 1 0.03: ROADBASE GRAVEL - sandy silty GRAVEL, finre to coarse sand and gravel, orange brown, low plasticity silt, moist, very dense. М VD 0.47: NATURAL CLAY - gravelly sandy CLAY, low plasticity, grey brown, fine to medium sand, fine to coarse gravel, moist, hard. CLAY - sandy CLAY, high plasticity, red brown, fine to medium sand, Н М СН CLAY - silty CLAY, high plasticity, light brown grey, moist, stiff to very stiff. 1.65m St -VSt Terminated @ 3.0 m. SAMPLES & FIELD TESTS **DRILLING** CONSISTENCY (Su) {N-value} DCP- N (Blows/100mm) Small Disturbed Sample Env Soil Sample SPT SPT Sample U Undisturbed Tube Sample Hand Auger HQ **HQ** Coring VS Very Soft 0 - 1 ٧S Very Soft < 12 kPa {0-2} Auger Washbore NQ PQ NQ Coring PQ Coring S Soft 1 - 2 S Soft 12 - 25 {2-4} EW Env Water Sample W Water Sample Firm Firm 2 - 3 25 - 50 {4-8} Rock Rolling NMLC NMLC Coring B Bulk Disturbed Sample St Stiff 3 - 7 St Stiff 50 - 100 {8-15} MOISTURE CONDITION
D = Dry M = Moist W = Wet **GROUNDWATER SYMBOLS** VSt Very Stiff 7 - 12 VSt Very Stiff 100 - 200 {15-30} ■ Water level (static)
□ Water level (during drilling) H Hard >12/100mm Н Hard > 200 kPa {>30} – = Water Inflow (during drilling)