Ian R Brown Associates Ltd In-Situ Test Data CPT NO: CPT-1 **GRID REF:** 2658594.80E, 5988485.20N R.L. GROUND: 17.00 DATUM: RL CPT Friction CPT Cone Resistance CPT Friction Ratio SOIL BEHAVIOUR CLASSIFICATION (MPa) (%) (MPa) after Robertson et al 1986. Depth Depth m 0.5 0.4 R.L. 0.3 0.2 12 18 24 30 0 1 2 m 1 Sand to silty sand 2 -Silty sand to sandy silt 3 3 Sandy silt to clayey silt Clay 4 Sand 5 5 Sand to clayey sand 6 -6 -Sand to silty sand 7 -Silty clay to clay Sandy silt to clayey silt 8 8 9 -Very stiff fine grained 10 10 -\_Clay 11 -11 -Very stiff fine grained Sandy silt to clayey silt 12 -12 13 13 -Very stiff fine grained Sand to clayey sand SOIL BEHAVIOUR TYPE CONE PENETROMETER TEST PROJECT: (Robertson et al. 1986) Date: 4 Oct 2003 Sensitive fine-grained Southern Cross Accommodation Organic material Operator: Terry Bolton Contractor: Griffiths Drilling (NZ) Silty clay to clay
Clayey silt to silty clay
Sandy silt to clayey silt
Silty sand to sandy silt
Sand to silty sand LOCATION Static Cone test Cone type: 35 Abel Smith Street Cone range: Comment: CPT Sand No: 10 Gravelly sand to sand 11 Very stiff fine grained 12 Sand to clayey sand

**JOB NO.** 764

SHEET 1 OF 1