CONE PENETRATION TEST

CPT NO.: CPT-1

CLIENT: Geroc Dev

PROJECT: Geotechnical Investigations

JOB: Demo 2a

SITE LOCATION: 33 Hedgehog Road, New Brighton

START DATE: 20/05/2019

CO-ORDINATES: 1573840.3mE, 5181524.0mN (NZTM)

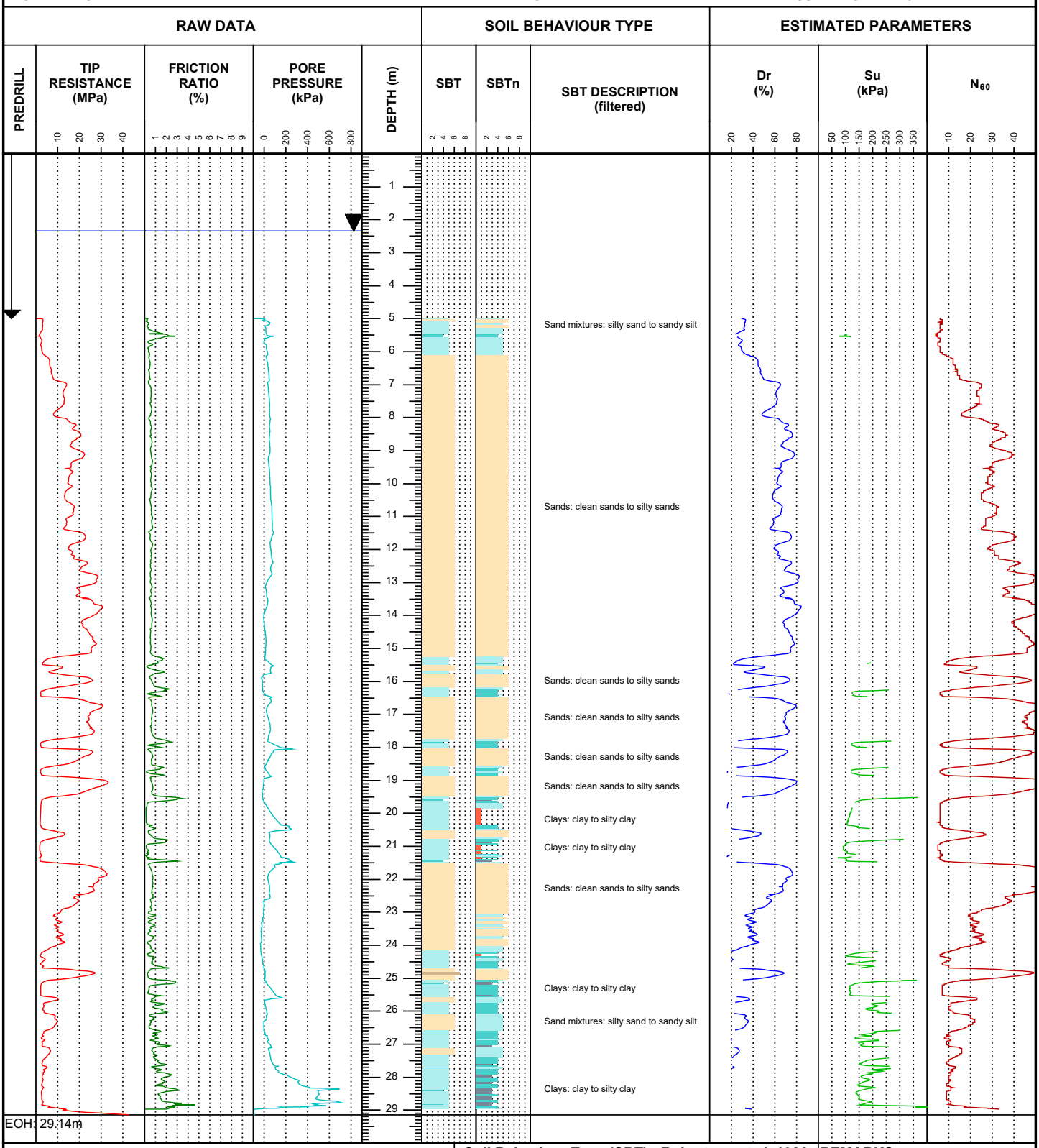
ELEVATION: 1.92m (MSL)

END DATE: 20/05/2019

CONTRACTOR: McMillans

TERMINATION: TD

SUPERVISED BY: Jed



NOTES & LIMITATIONS:

Data shown on this report has been assessed to provide a basic interpretation in terms of Soil Behaviour Type (SBT) and various geotechnical soil and design parameters using methods published in P. K. Robertson and K.L. Cabal (2010), Guide to Cone Penetration Testing for Geotechnical Engineering, 4th Edition. The interpretations are presented only as a guide for geotechnical use, and should be carefully reviewed by the user. Geroc Solutions Ltd do not warranty the correctness or the applicability of any of the geotechnical soil and design parameters shown and does not assume any liability for any use of the results in any design or review. The user should be fully aware of the techniques and limitations of any method used to derive data shown in this report.

Soil Behaviour Type (SBT) - Robertson et al. 1986

0	Undefined	5	Sand mixtures: silty sand to sandy silt
1	Sensitive fine-grained	6	Sands: clean sands to silty sands
2	Clay - organic soil	7	Dense sand to gravelly sand
3	Clays: clay to silty clay	8	Stiff sand to clayey sand
4	Silt mixtures: clayey silt & silty clay	9	Stiff fine-grained

REMARKS:

See Symbology Notes for details of abbreviations & basis of descriptions.

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SOUNDING DETAILS: CPT-1

Sounding: 1

Machine: -
Operator: -
Cone Reference: 155x
Cone Area Ratio: -
Cone Type: -
Date: 07/12/2018
Predrill: 5.00

Water Level: 2.34
Tip Resistance Initial: -
Tip Resistance Final: -
Local Friction Initial: -
Local Friction Final: -
Pore Pressure Initial: -
Pore Pressure Final: -

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