

VIBRATING WIRE INSTALLATION

BH2B_1128



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: JO

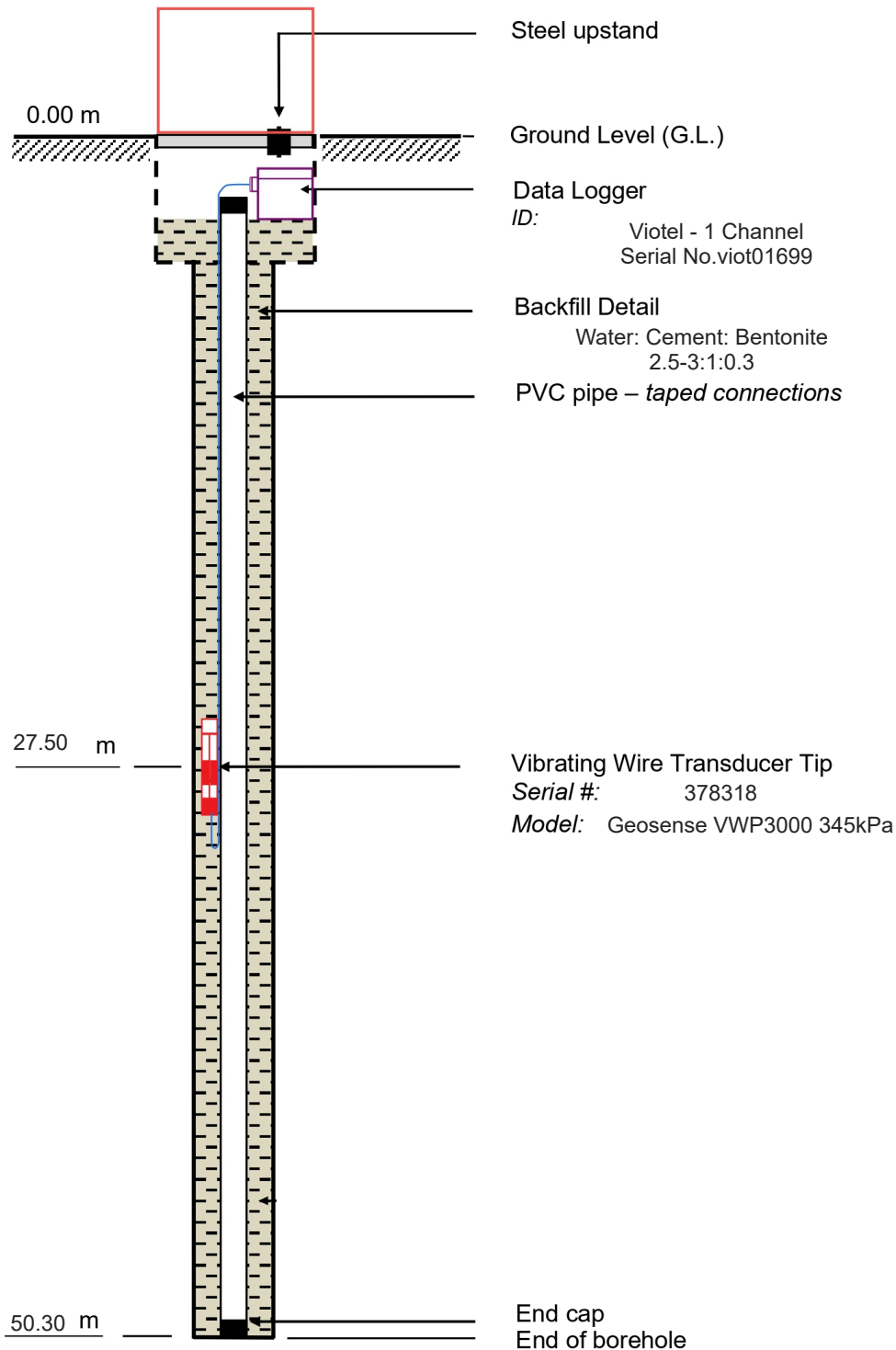
CO-ORDINATES (NZTM2000)

Easting: 1,727,429.71 m
Northing: 6,008,433.72 m
Ground Level: 223.6m (NZVD2016)

INSTALLATION DETAILS

Location: State Highway 1, Waipu
Installation Date: 10/11/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1129



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: IM

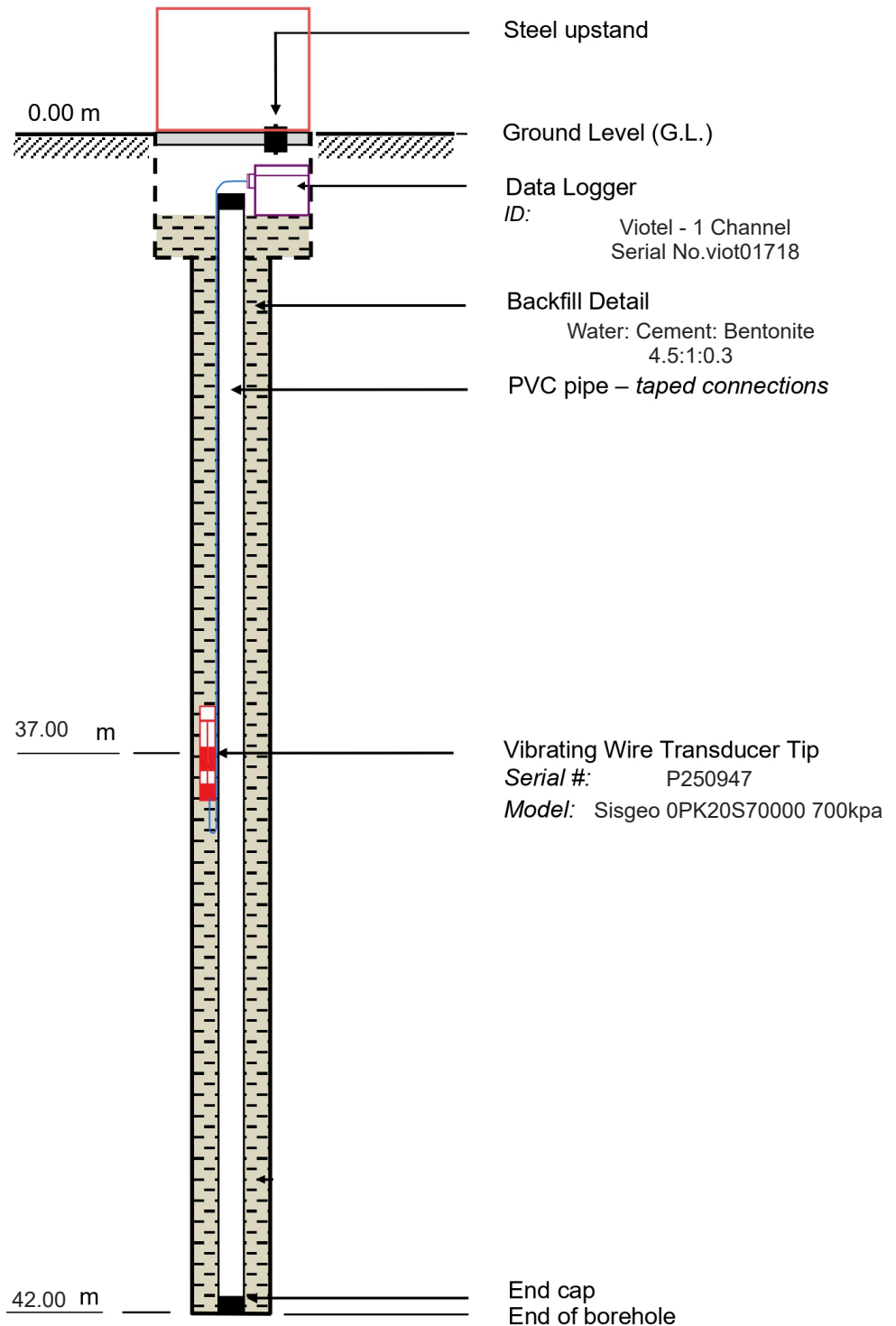
CO-ORDINATES (NZTM2000)

Easting: 1,727,584.59 m
Northing: 6,008,951.17 m
Ground Level: 170.8m (NZVD2016)

INSTALLATION DETAILS

Location: State Highway 1, Waipu
Installation Date: 9/10/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1130

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: MZ

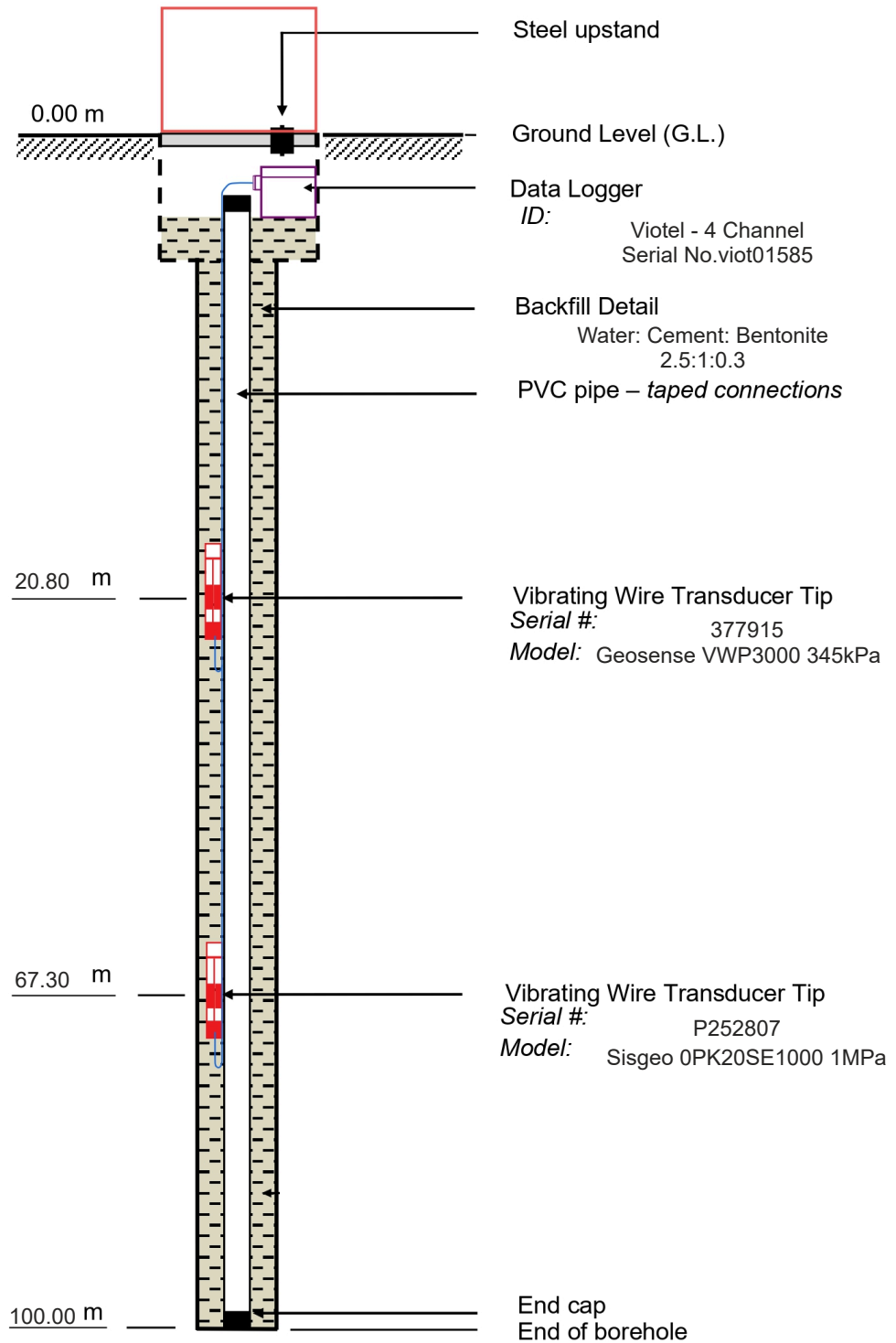
CO-ORDINATES (NZTM2000)

Easting: 1,727,994.37 m
Northing: 6,005,272.22 m
Ground Level: 140.3m (NZVD2016)

INSTALLATION DETAILS

Location: 67 Brynderwyn Road, Brynderwyn, Maungaturoto
Installation Date: 25/09/2025

Not to scale



NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1131



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: CS

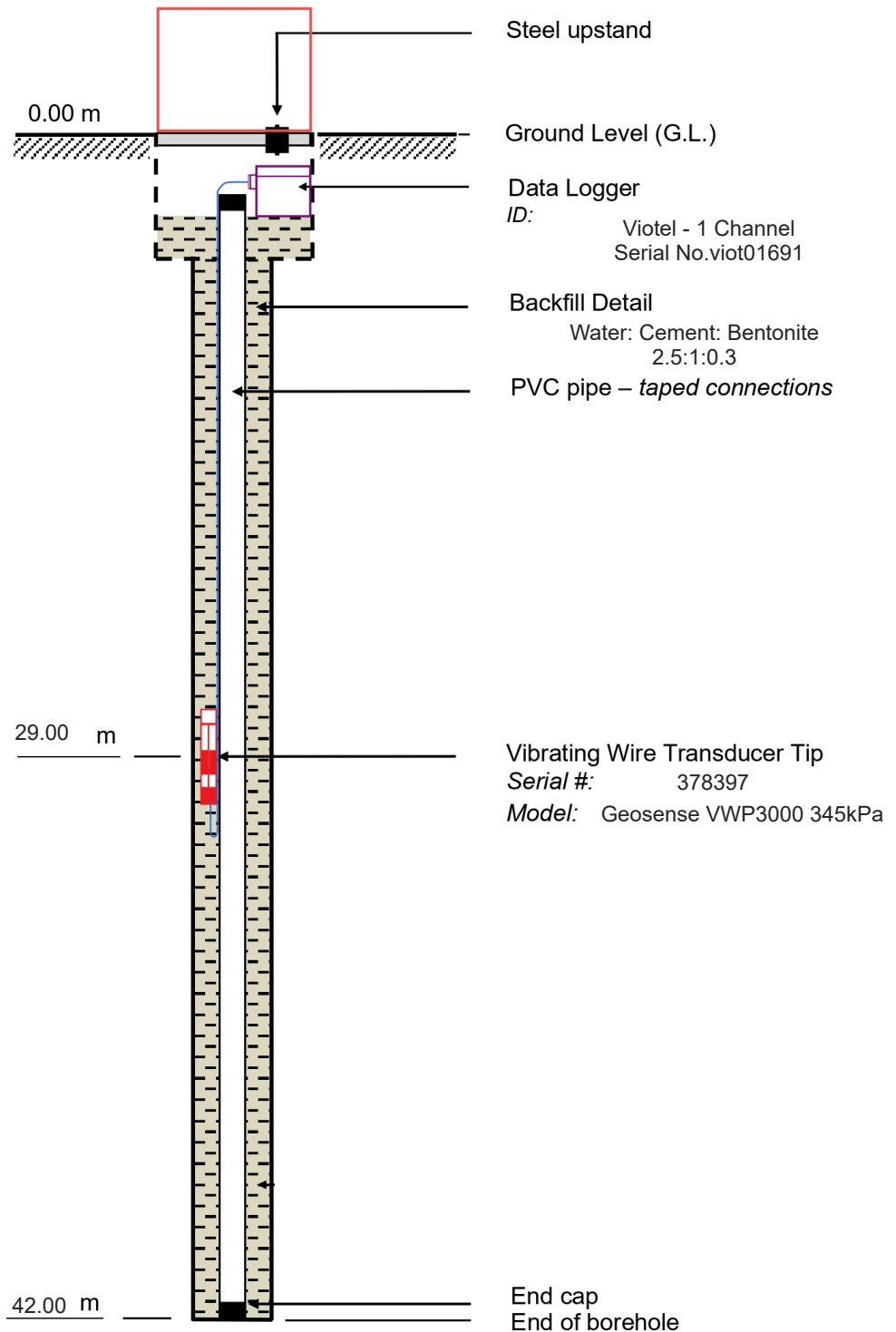
CO-ORDINATES (NZTM2000)

Easting: 1,727,853.32 m
Northing: 6,004,883.19 m
Ground Level: 47.2 m (NZVD2016)

INSTALLATION DETAILS

Location: 67 Brynderwyn Road, Brynderwyn, Maungaturoto
Installation Date: 1/09/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1132



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: MZ

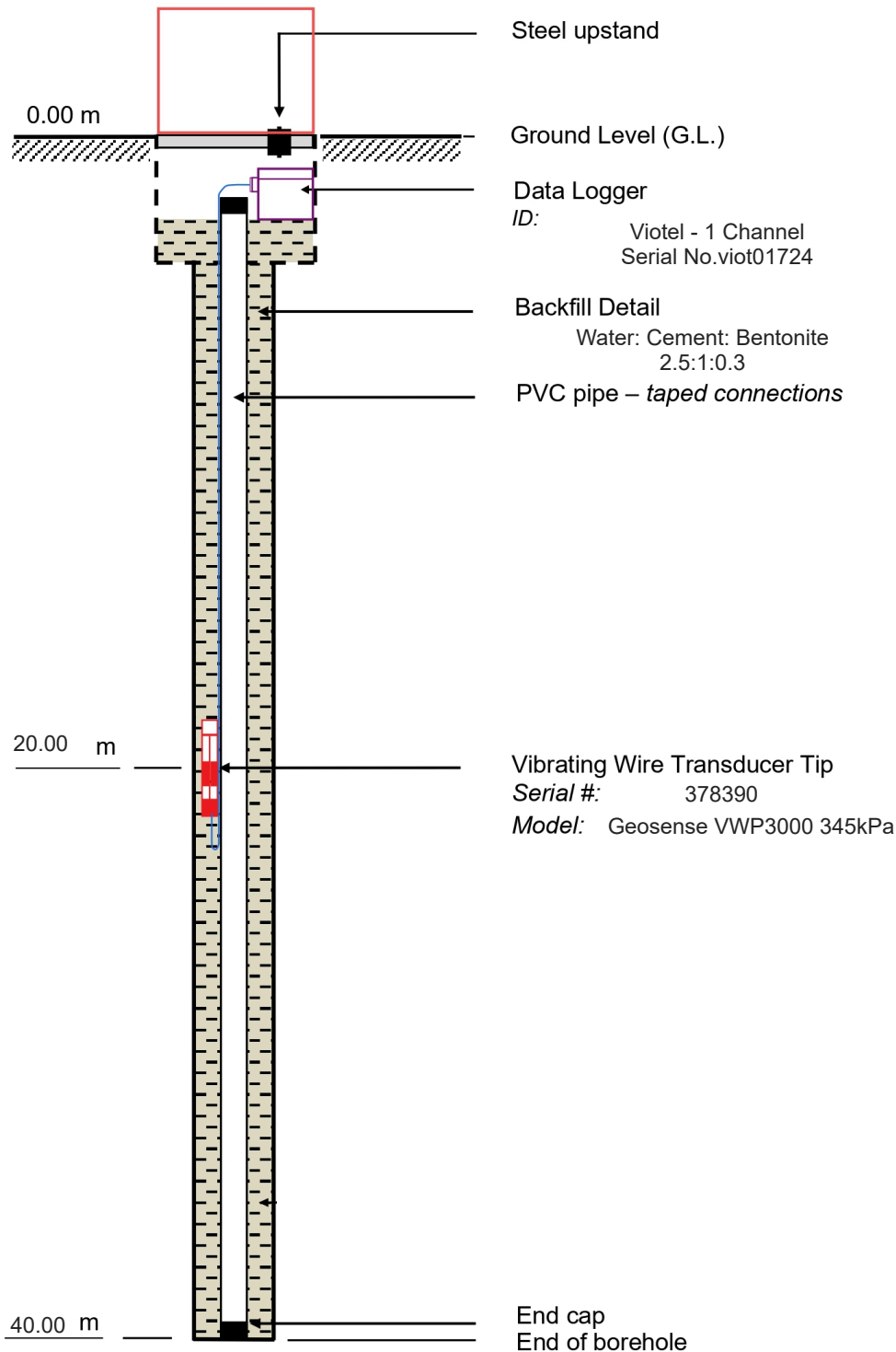
CO-ORDINATES (NZTM2000)

Easting: 1,727,994.13 m
Northing: 6,004,337.48 m
Ground Level: 63.7 m (NZVD2016)

INSTALLATION DETAILS

Location: 94 State Highway 12, Brynderwyn, Maungaturoto
Installation Date: 1/09/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1133

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: BF

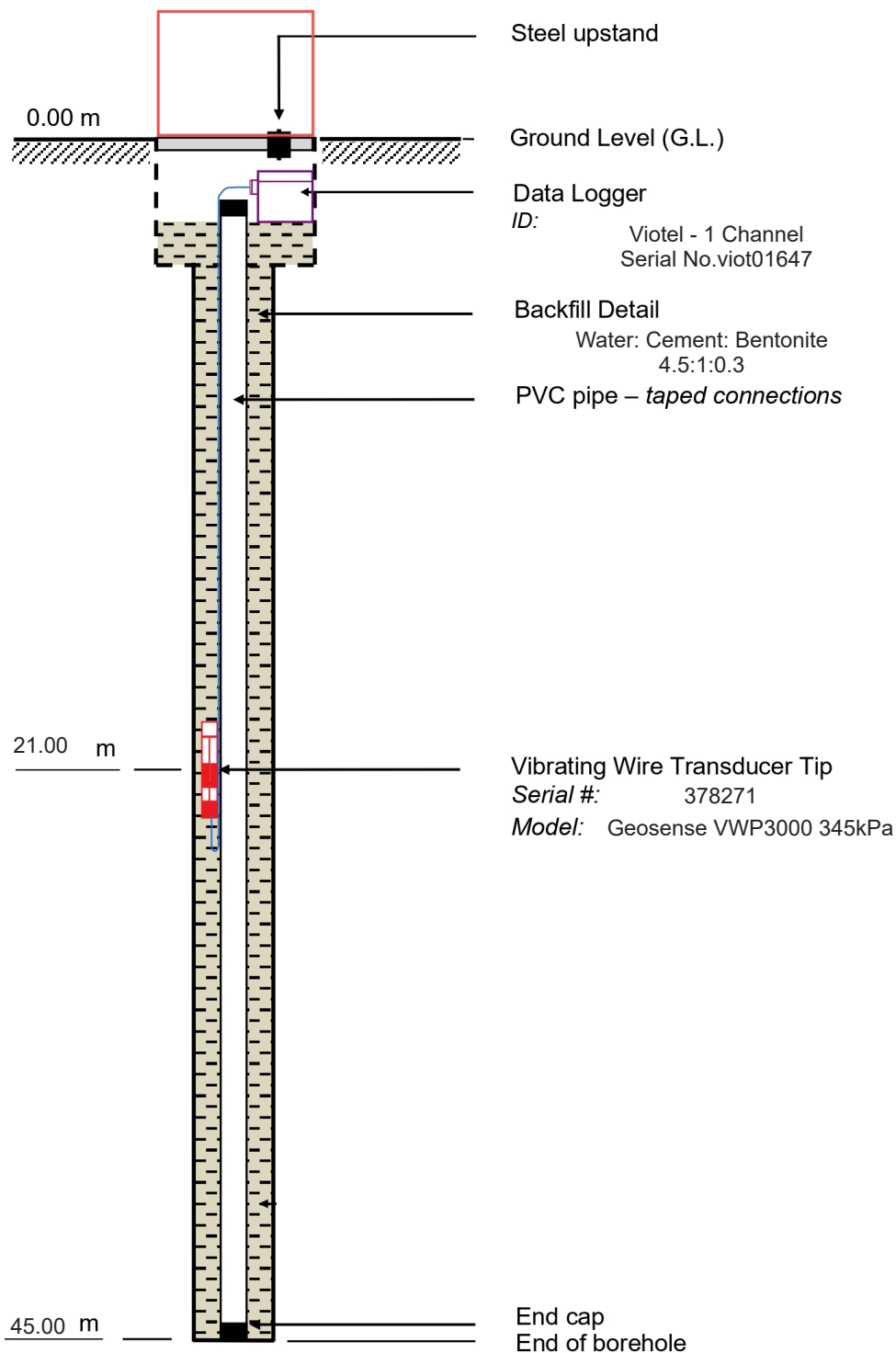
CO-ORDINATES (NZTM2000)

Easting: 1,727,712.13 m
Northing: 6,006,453.01 m
Ground Level: 105.3m (NZVD2016)

INSTALLATION DETAILS

Location: 2941 State Highway 1, Kaiwaka
Installation Date: 2/10/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1136



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: AP / JO

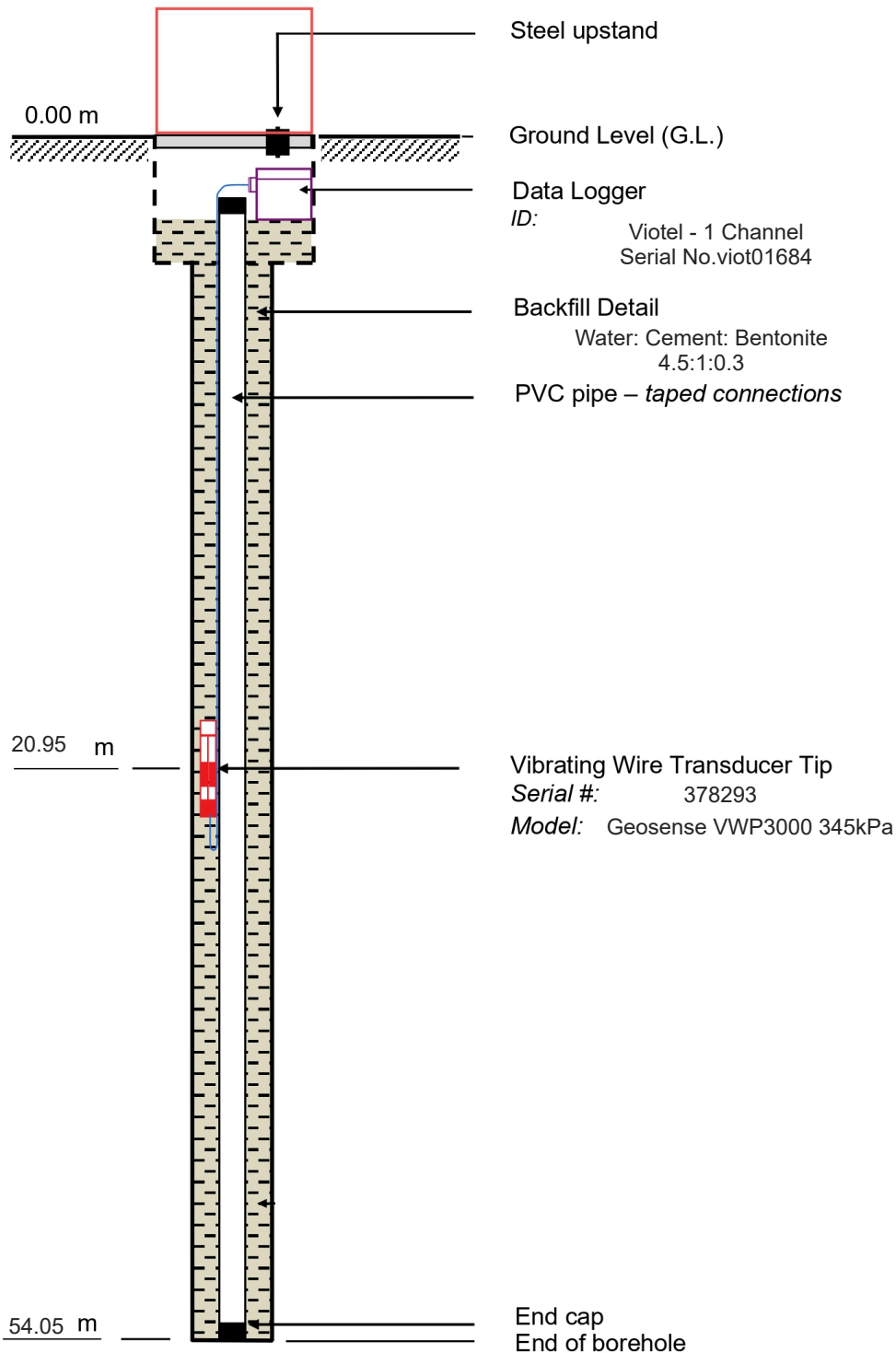
CO-ORDINATES (NZTM2000)

Easting: 1,727,785.95 m
Northing: 6,009,471.74 m
Ground Level: 148.0m (NZVD2016)

INSTALLATION DETAILS

Location: State Highway 1, Brynderwyns
Installation Date: 21/11/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1137

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: CW

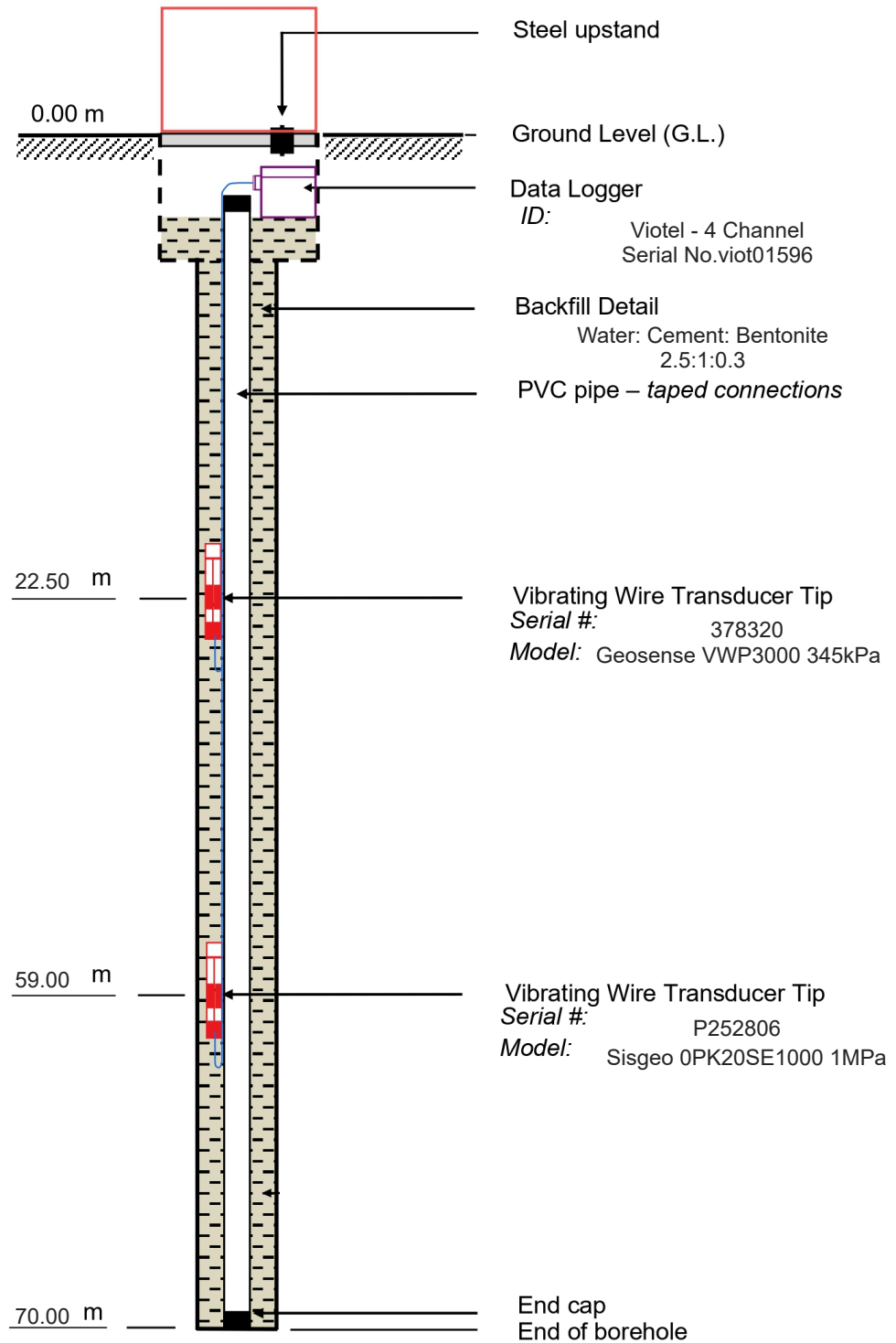
CO-ORDINATES (NZTM2000)

Easting: 1,727,923.49 m
Northing: 6,010,263.26 m
Ground Level: 83.8 m (NZVD2016)

INSTALLATION DETAILS

Location: 4245 State Highway 1, Waipu
Installation Date: 7/10/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1140



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: BF

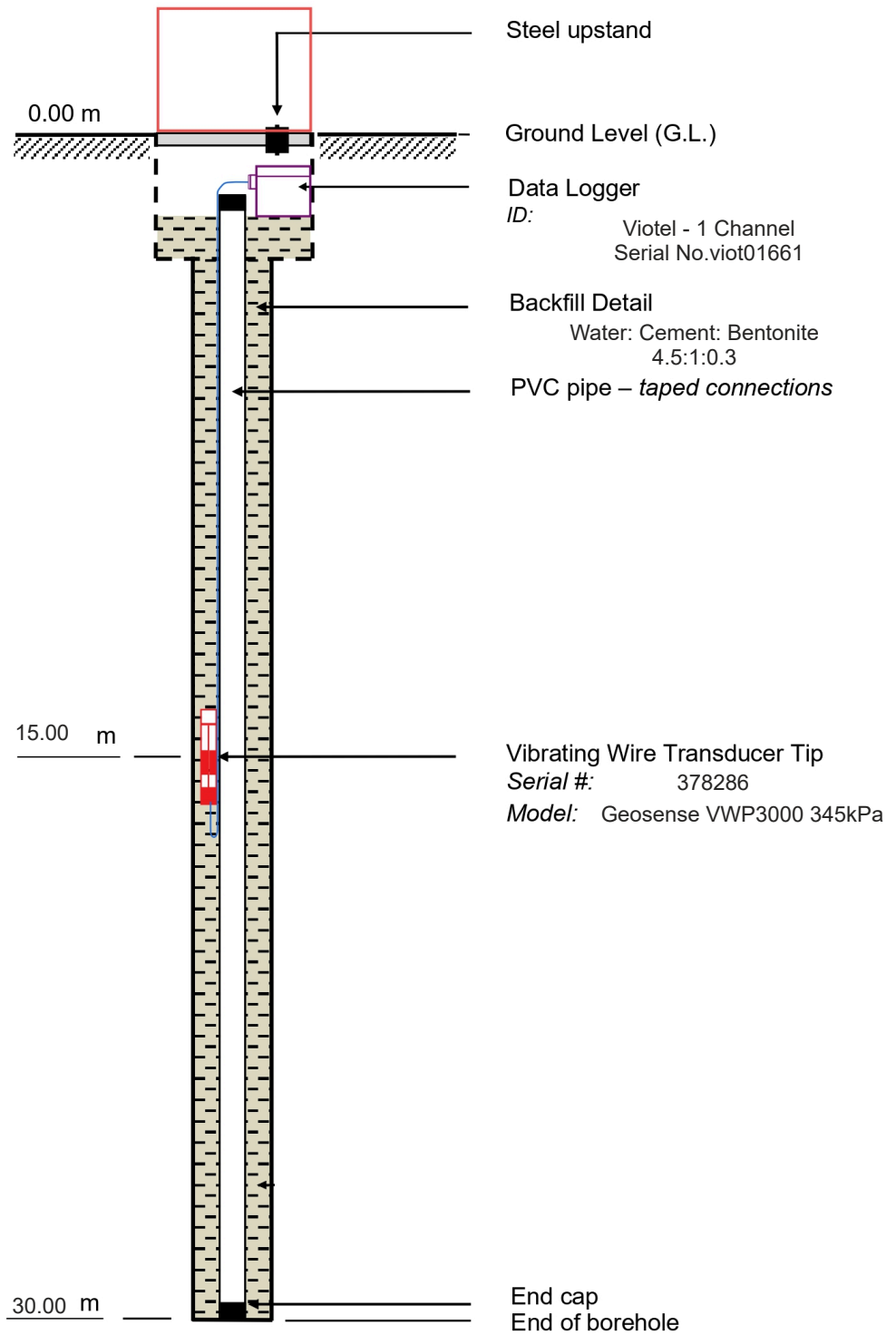
CO-ORDINATES (NZTM2000)

Easting: 1,727,863.84 m
Northing: 6,012,434.66 m
Ground Level: 21.9 m (NZVD2016)

INSTALLATION DETAILS

Location: 4245 State Highway 1, Waipu
Installation Date: 11/09/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1142

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: CM

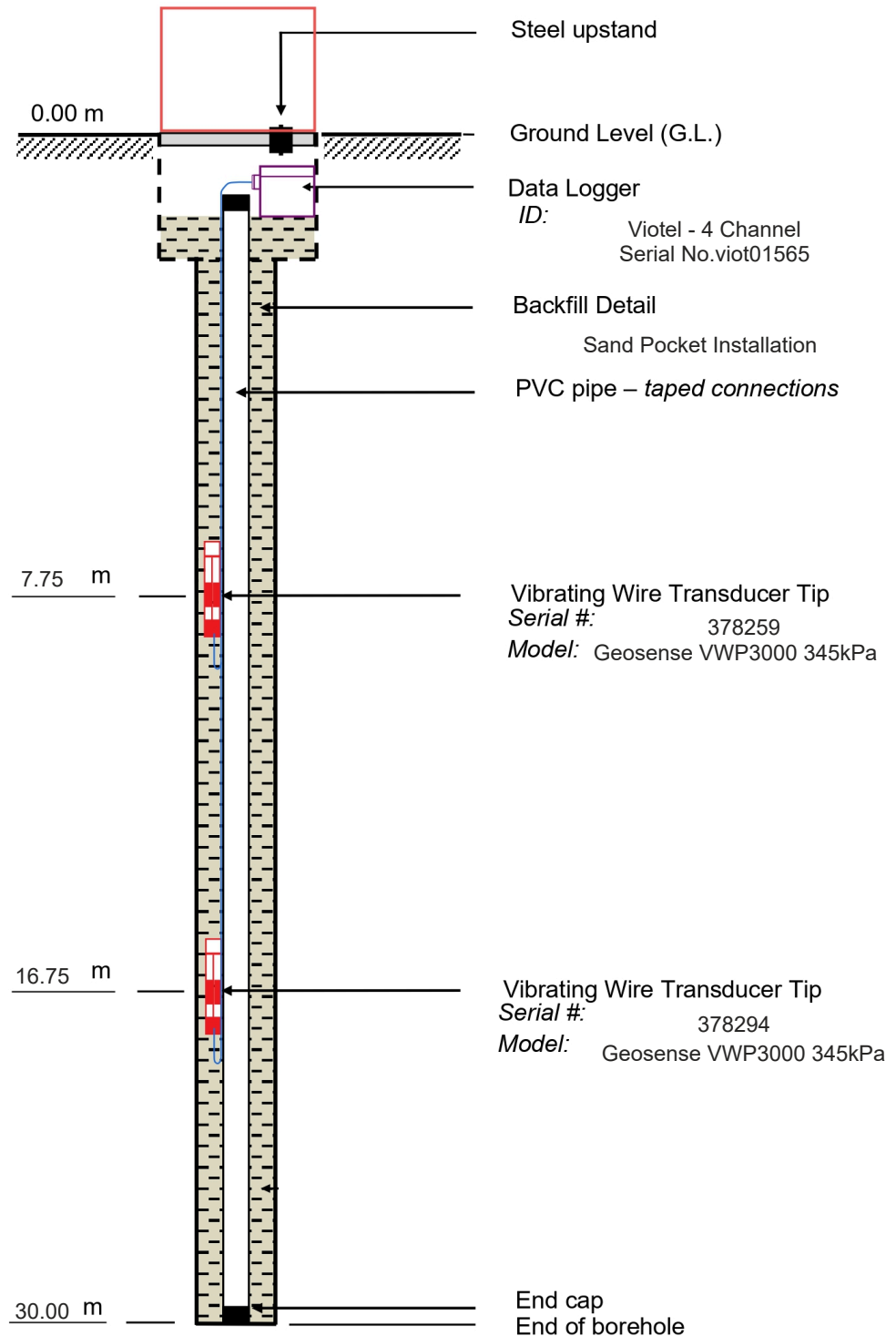
CO-ORDINATES (NZTM2000)

Easting: 1,727,866.99 m
Northing: 6,014,388.88 m
Ground Level: 15.3 m (NZVD2016)

INSTALLATION DETAILS

Location: 3930 State Highway 1 Waipu
Installation Date: 10/10/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1144

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: CW

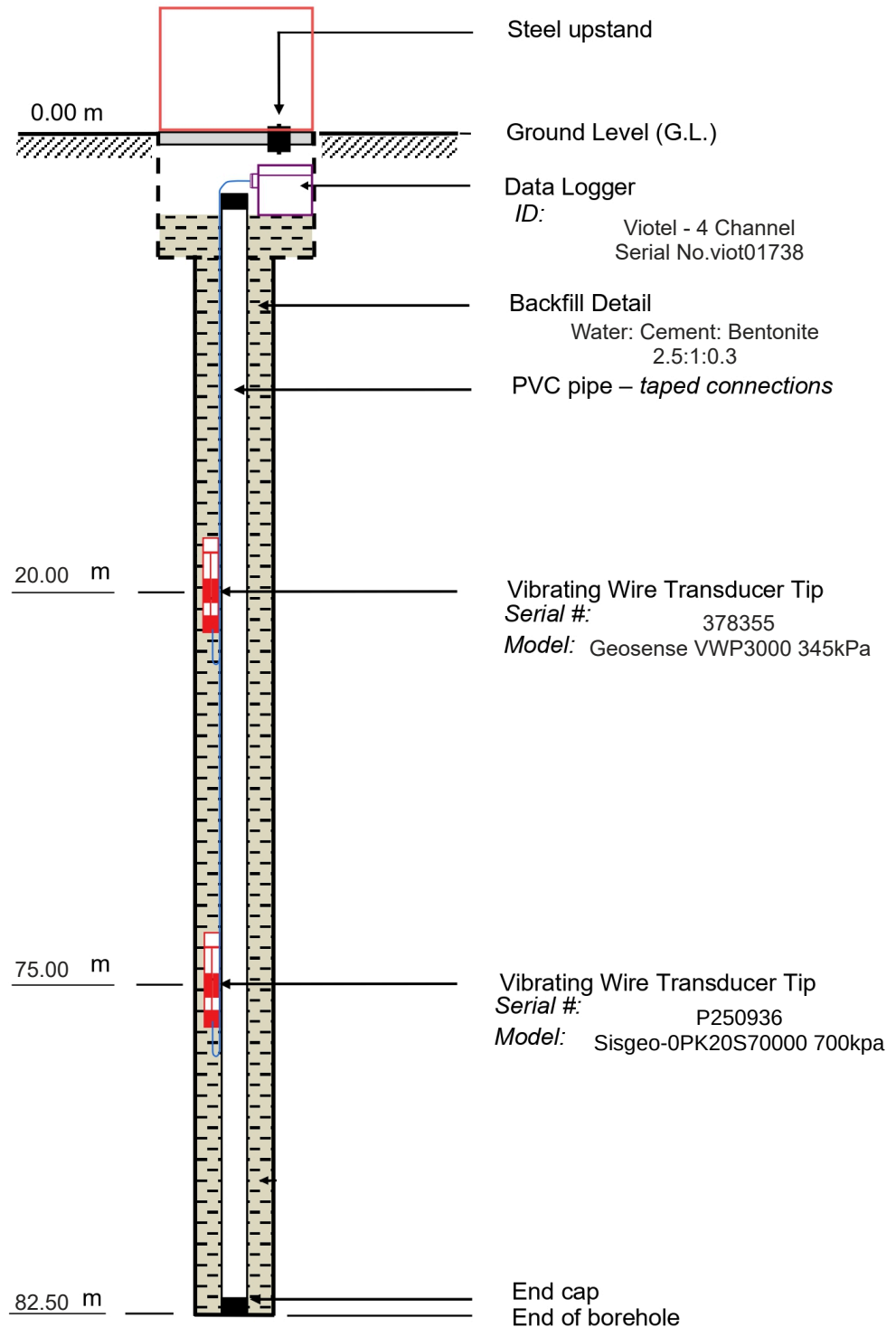
CO-ORDINATES (NZTM2000)

Easting: 1,727,595.24 m
Northing: 6,007,655.58 m
Ground Level: 290.8m (NZVD2016)

INSTALLATION DETAILS

Location: State Highway 1, Waipu
Installation Date: 8/09/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1145



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: CN

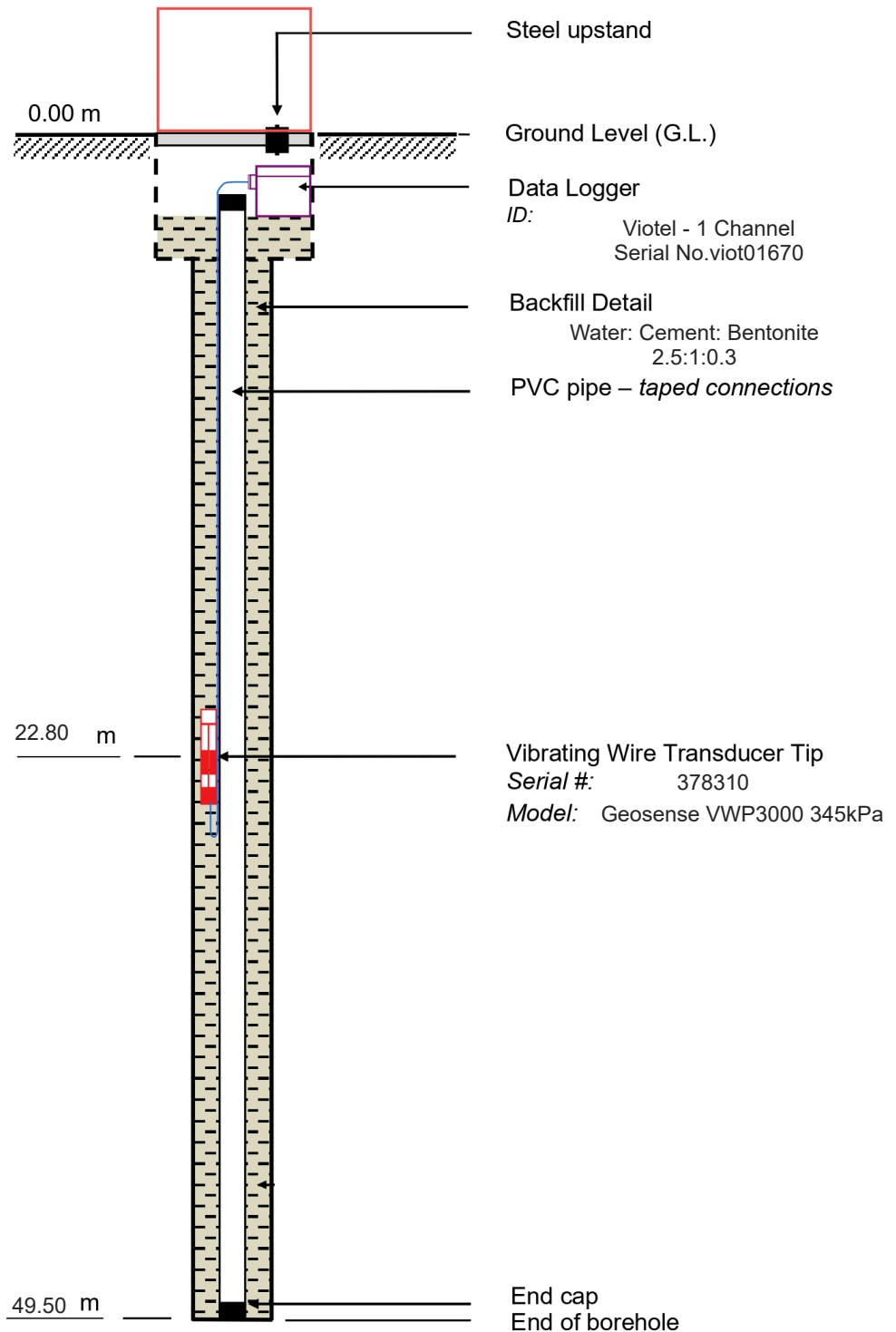
CO-ORDINATES (NZTM2000)

Easting: 1,727,464.13 m
Northing: 6,005,407.70 m
Ground Level: 96.2 m (NZVD2016)

INSTALLATION DETAILS

Location: 37 State Highway 1
Installation Date: 5/09/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1148



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: CW

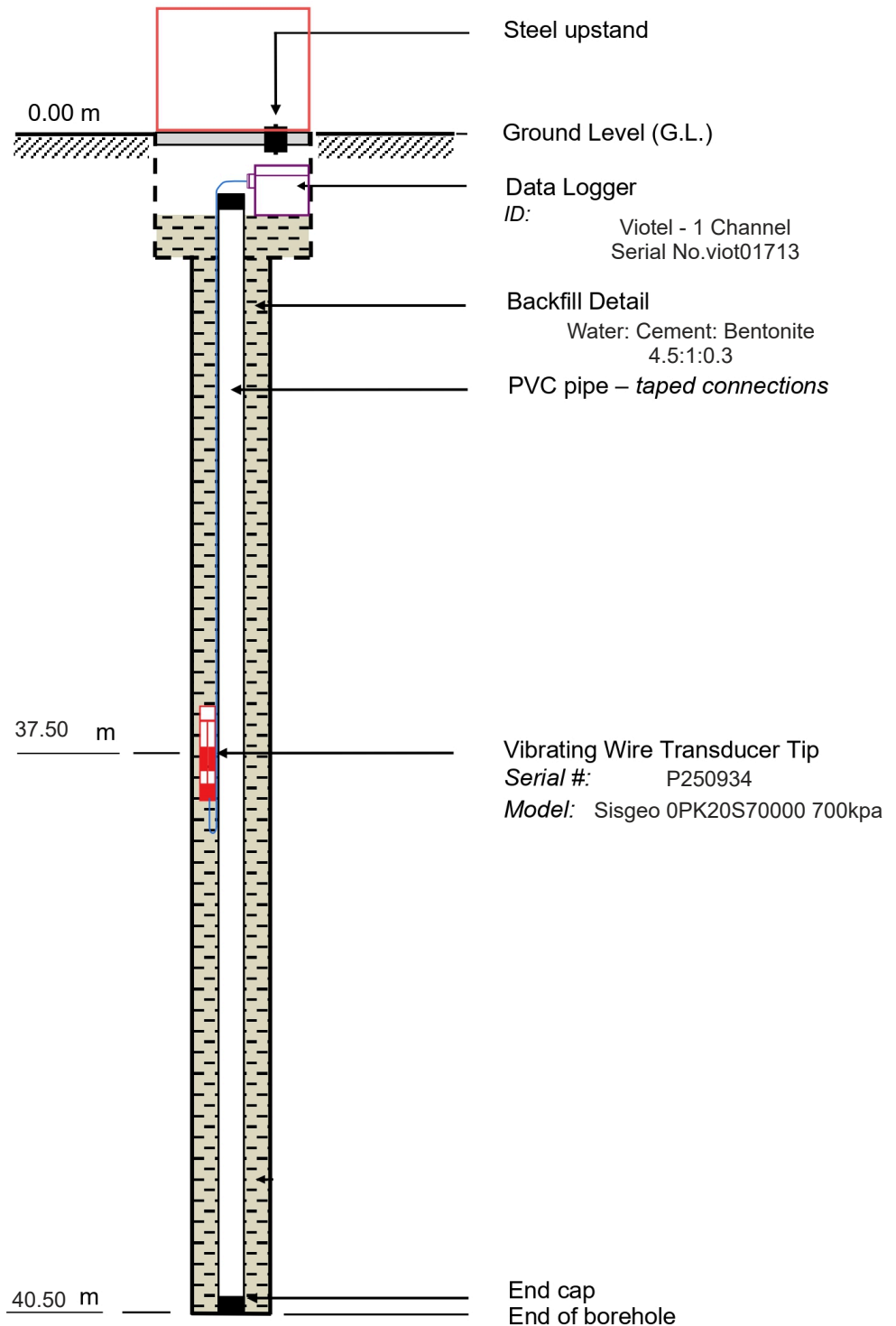
CO-ORDINATES (NZTM2000)

Easting: 1,727,530.30 m
Northing: 6,008,022.46 m
Ground Level: 260.6m (NZVD2016)

INSTALLATION DETAILS

Location: State Highway 1, Waipu
Installation Date: 17/09/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1150

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: IM

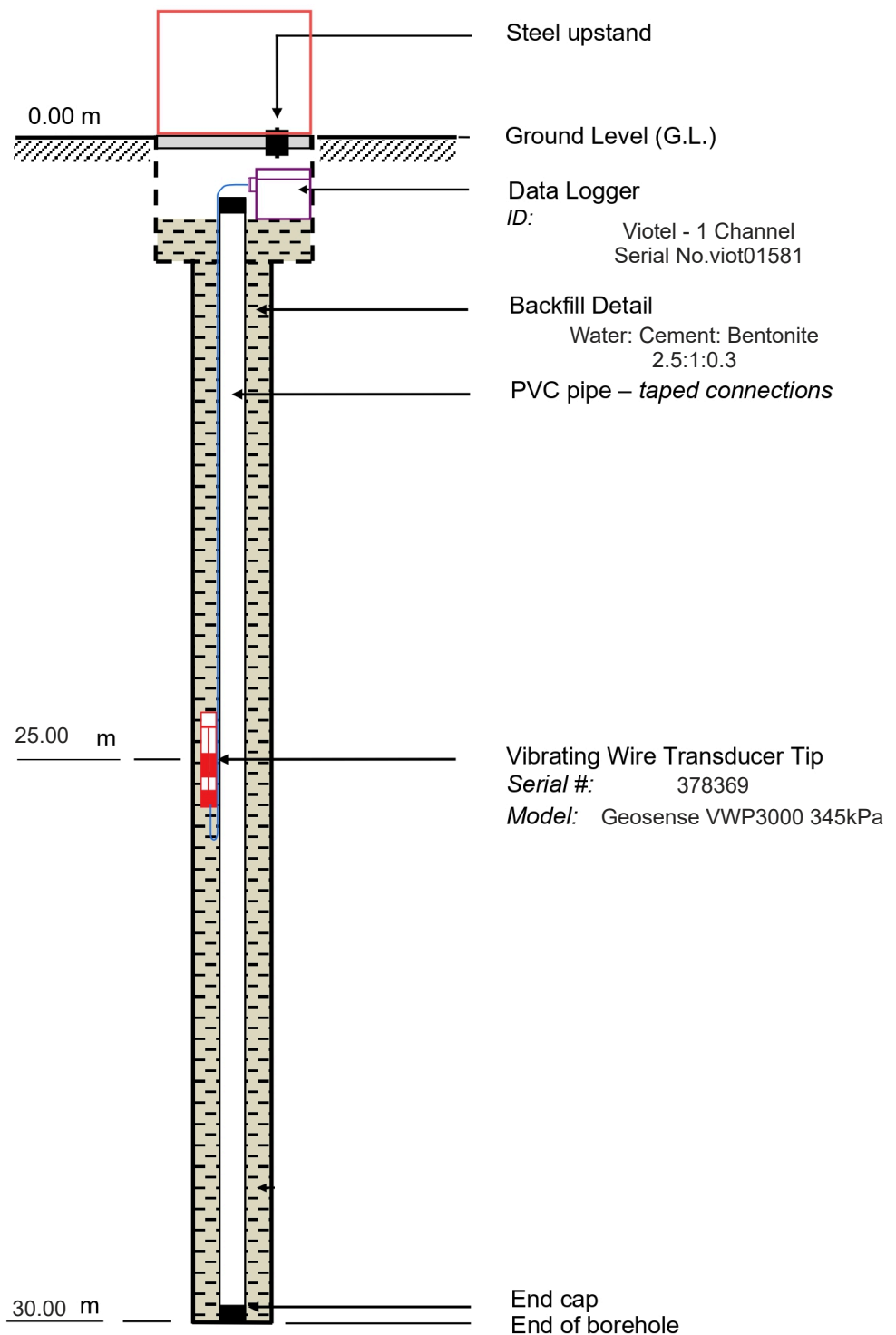
CO-ORDINATES (NZTM2000)

Easting: 1,727,453.50 m
Northing: 6,004,285.45 m
Ground Level: 30.1 m (NZVD2016)

INSTALLATION DETAILS

Location: 37 State Highway 1, Kaiwaka
Installation Date: 22/08/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1151

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: IM

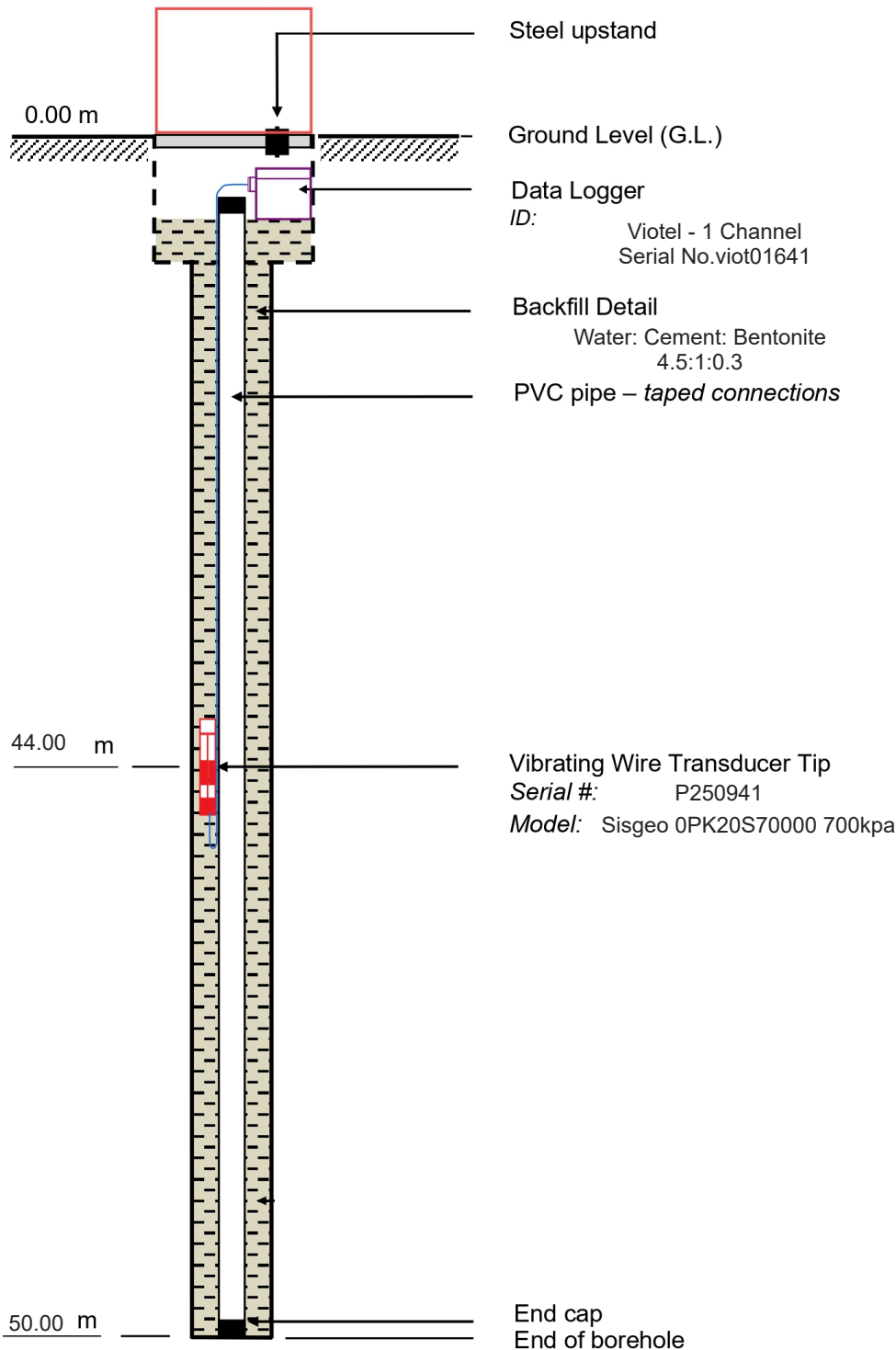
CO-ORDINATES (NZTM2000)

Easting: 1,727,913.36 m
Northing: 6,005,429.58 m
Ground Level: 132.8m (NZVD2016)

INSTALLATION DETAILS

Location: 67 Brynderwyn Road, Brynderwyn, Maungaturoto
Installation Date: 12/09/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1152

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: CS

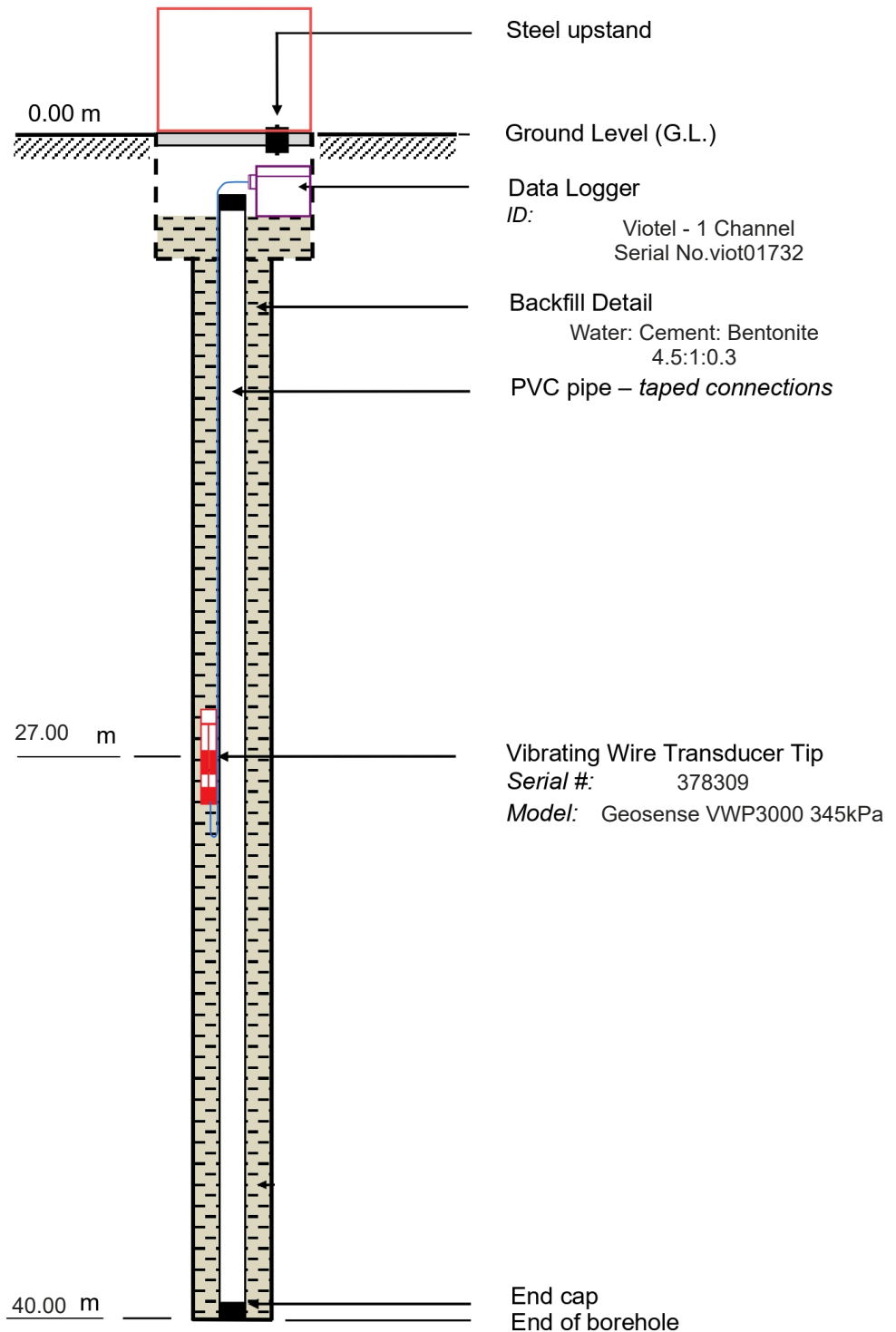
CO-ORDINATES (NZTM2000)

Easting: 1,727,484.95 m
Northing: 6,005,085.73 m
Ground Level: 94.0 m (NZVD2016)

INSTALLATION DETAILS

Location: 37 State Highway 1, Kaiwaka
Installation Date: 23/09/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1153



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: AP

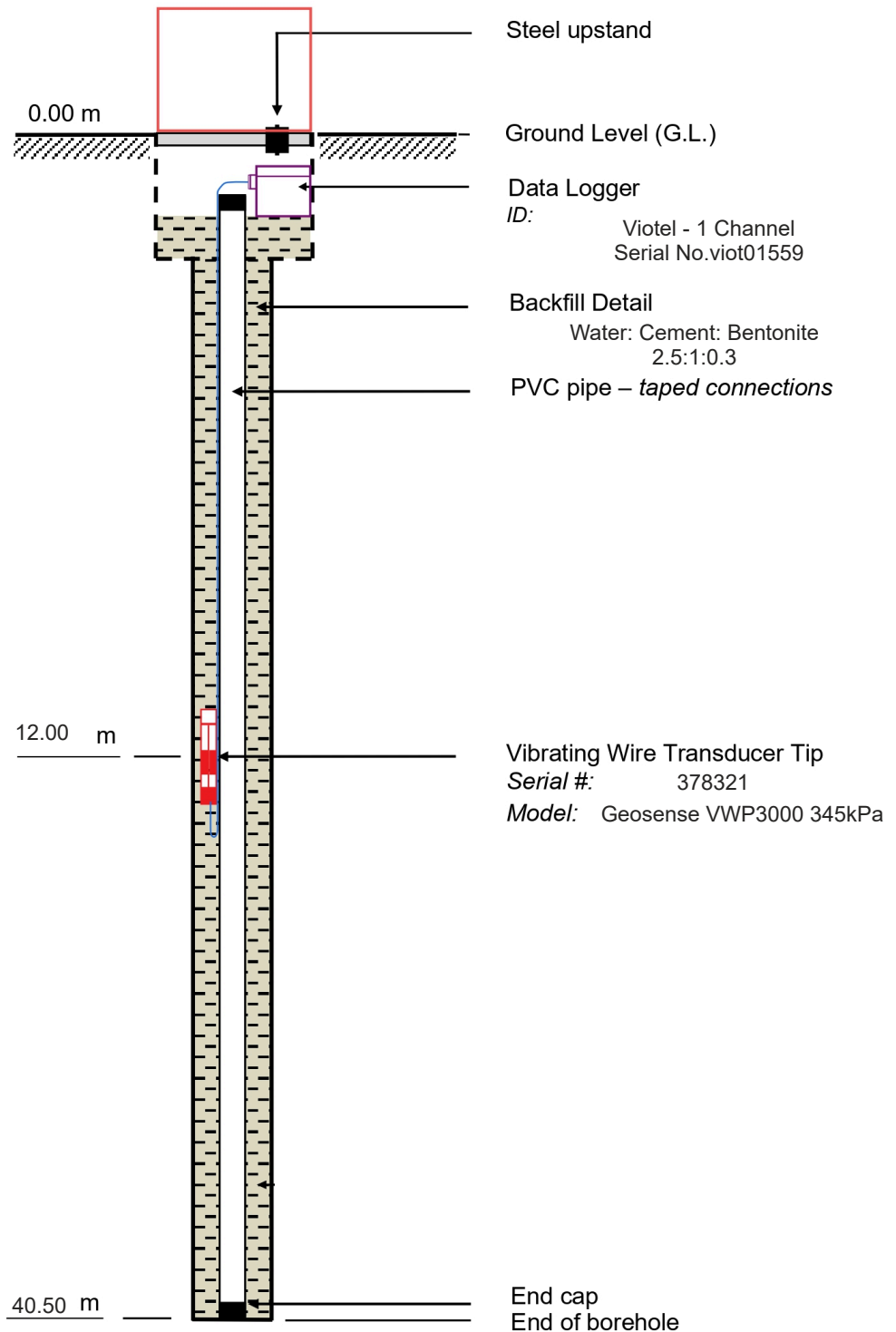
CO-ORDINATES (NZTM2000)

Easting: 1,727,508.64 m
Northing: 6,008,774.77 m
Ground Level: 189.0m (NZVD2016)

INSTALLATION DETAILS

Location: State Highway 1, Waipu
Installation Date: 10/11/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1155

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: CN

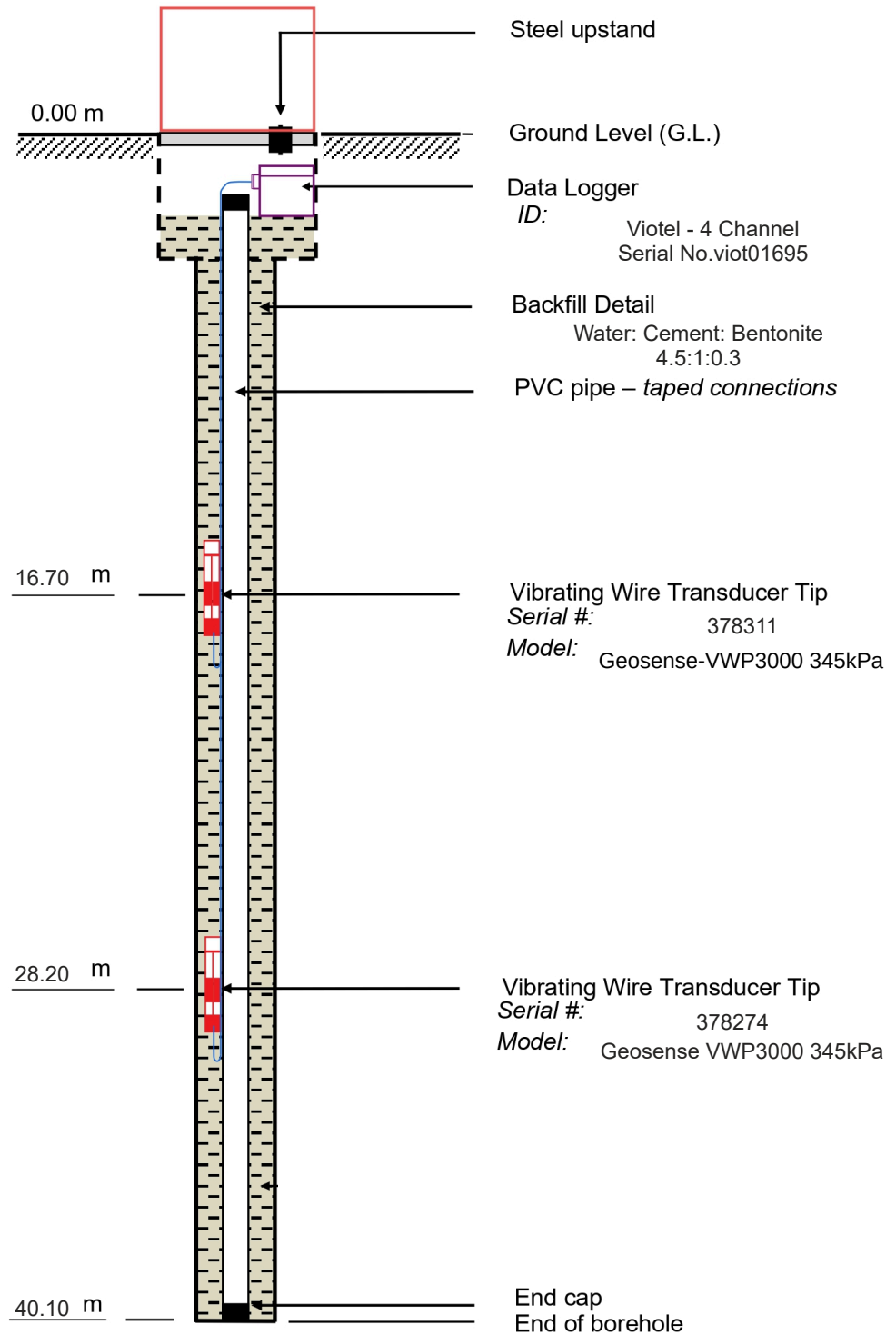
CO-ORDINATES (NZTM2000)

Easting: 1,727,936.15 m
Northing: 6,003,608.36 m
Ground Level: 61.8 m (NZVD2016)

INSTALLATION DETAILS

Location: 109 SH12, Brynderwyn, Puriri Downs Ltd
Installation Date: 28/10/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1156



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: BF

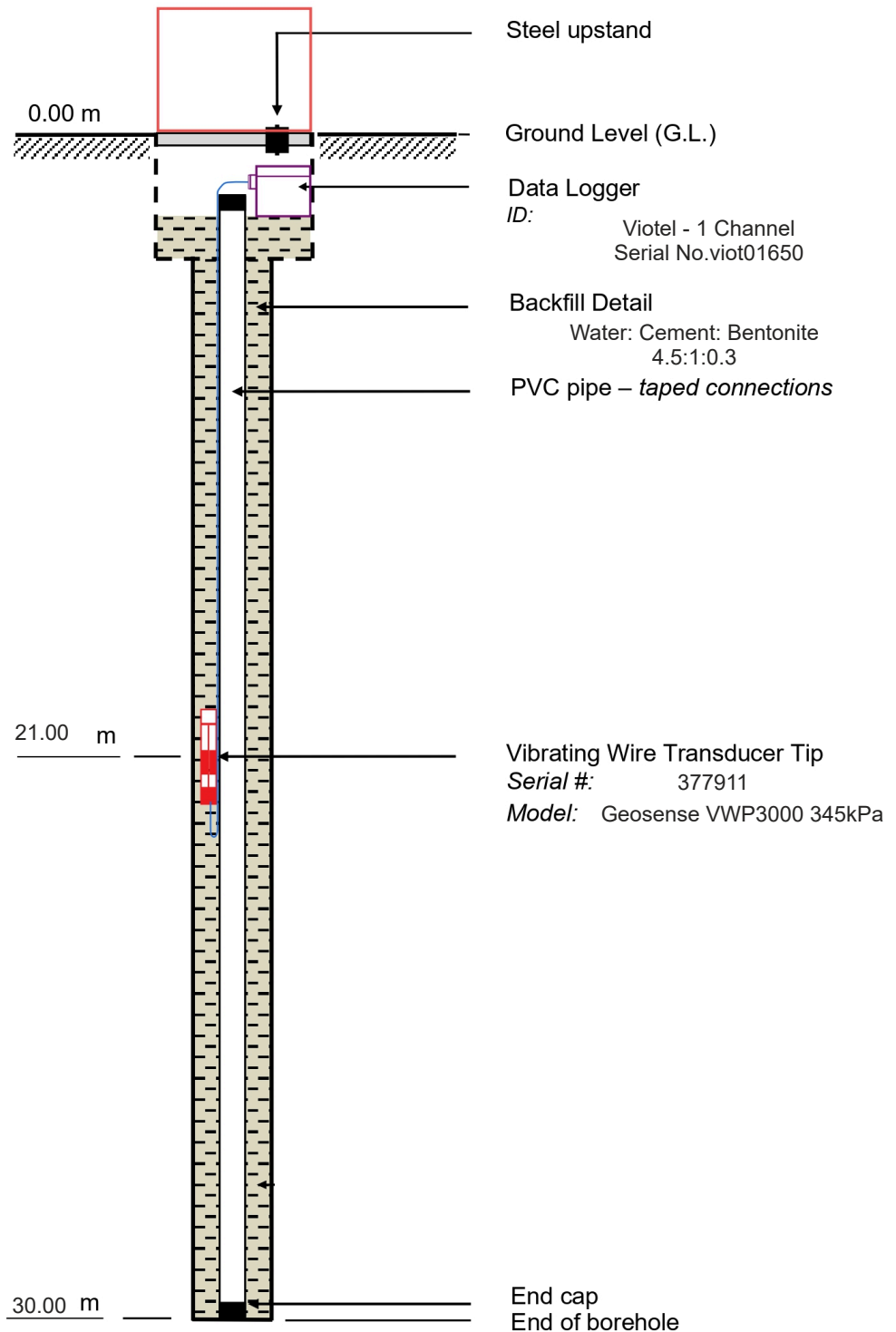
CO-ORDINATES (NZTM2000)

Easting: 1,728,034.29 m
Northing: 6,003,332.84 m
Ground Level: 78.7 m (NZVD2016)

INSTALLATION DETAILS

Location: 109 SH12, Brynderwyn, Puriri Downs Ltd
Installation Date: 22/10/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1157

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: BF

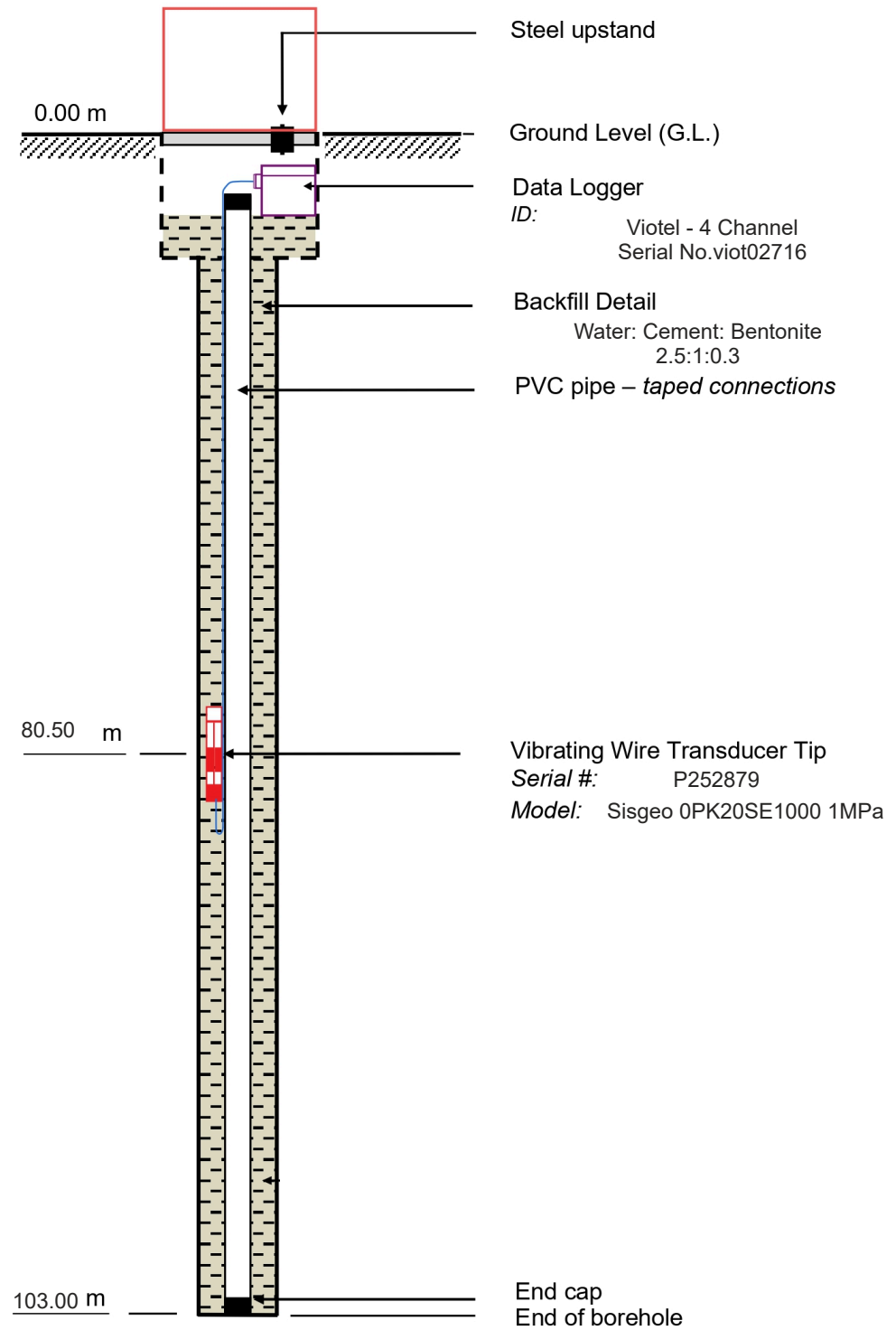
CO-ORDINATES (NZTM2000)

Easting: 1,728,432.37 m
Northing: 6,002,570.22 m
Ground Level: 171.7m (NZVD2016)

INSTALLATION DETAILS

Location: 2545 State Highway 1, Brynderwyn, Maungaturoto
Installation Date: 6/11/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1159



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: IM

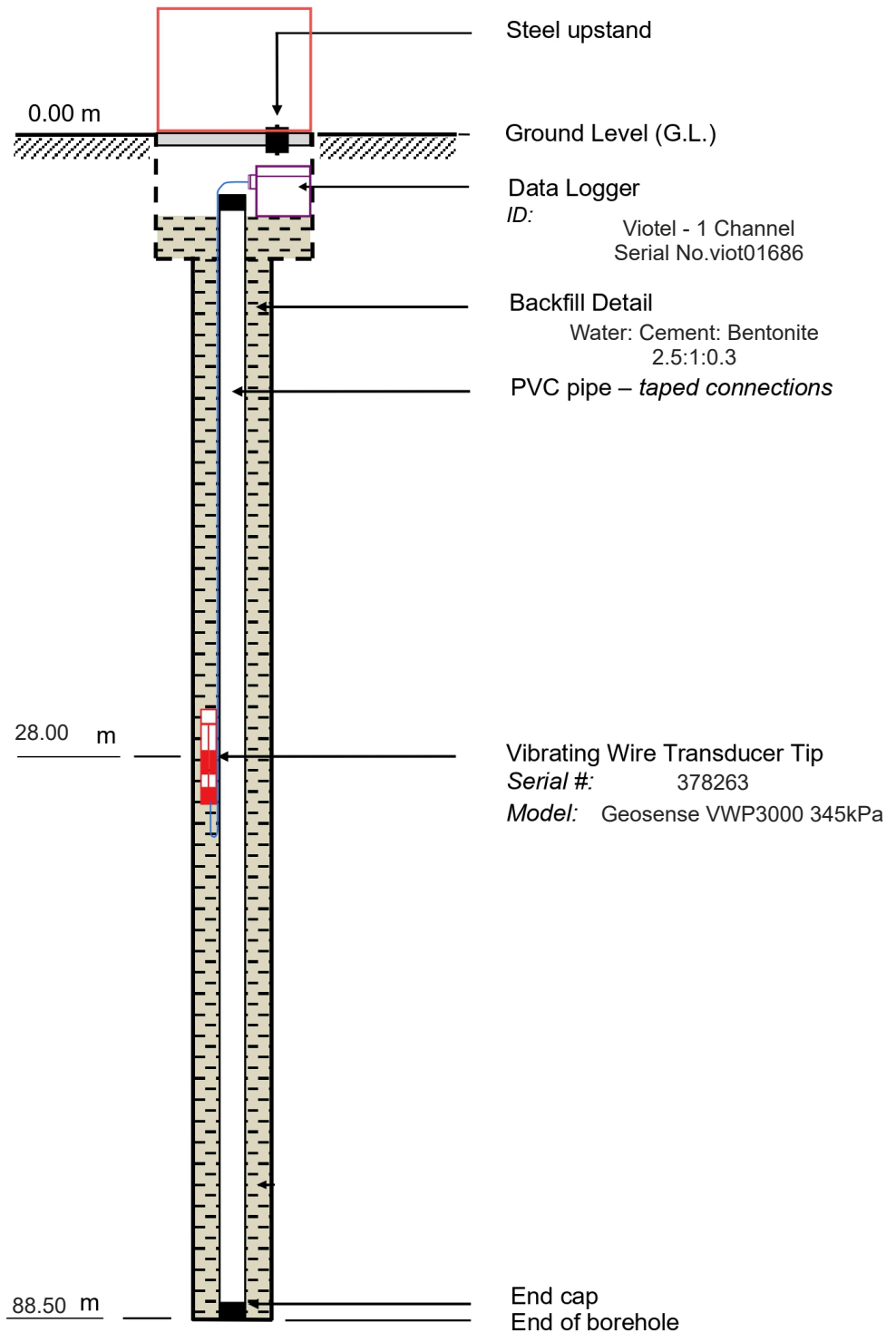
CO-ORDINATES (NZTM2000)

Easting: 1,728,408.70 m
Northing: 6,002,119.94 m
Ground Level: 88.3 m (NZVD2016)

INSTALLATION DETAILS

Location: 2395E State Highway 1, Kaiwaka
Installation Date: 27/11/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1164



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: IM

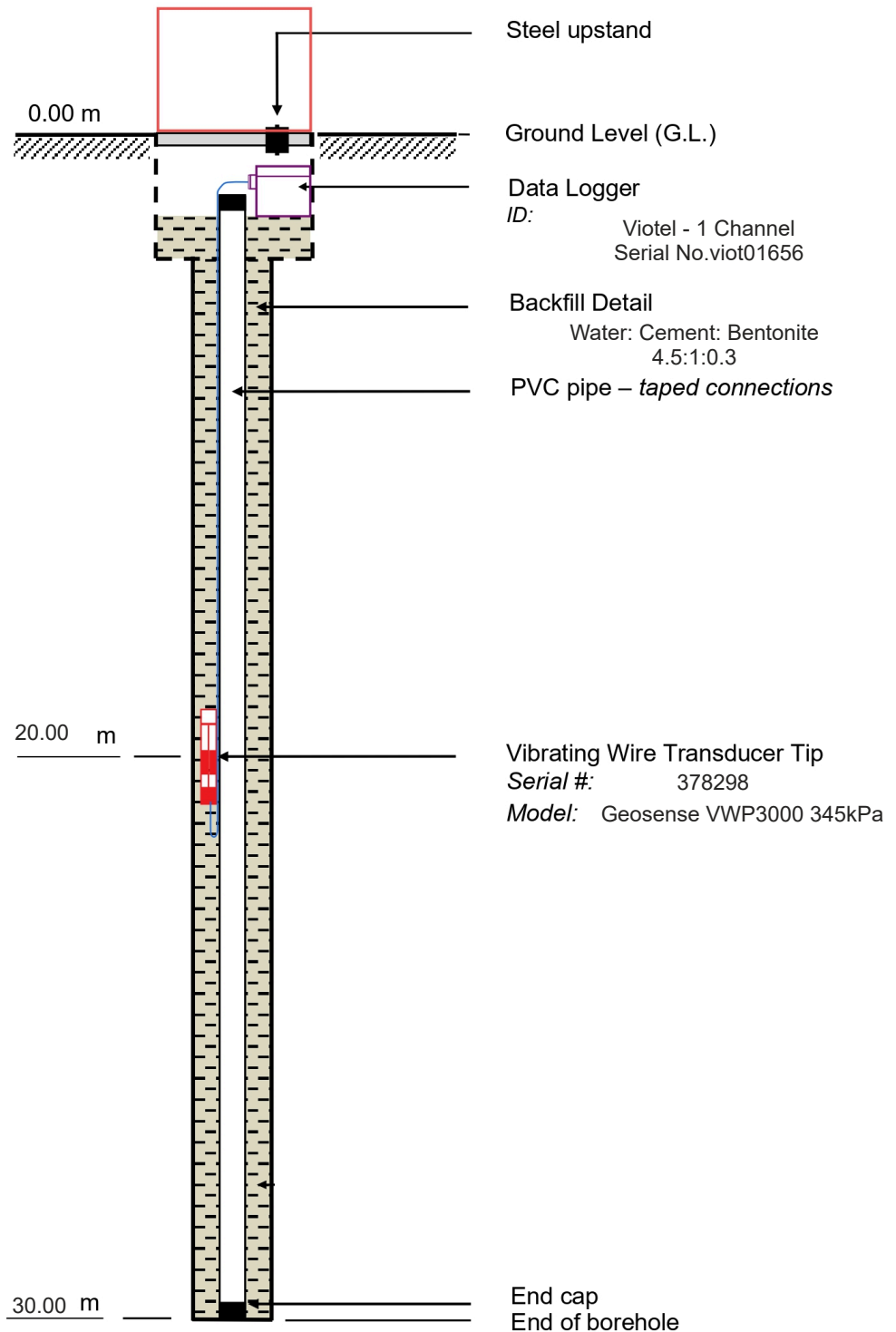
CO-ORDINATES (NZTM2000)

Easting: 1,729,724.12 m
Northing: 6,001,505.63 m
Ground Level: 81.0 m (NZVD2016)

INSTALLATION DETAILS

Location: 40 Baldrock Road, Brynderwyn, Maungaturoto
Installation Date: 23/10/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1101

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: CN

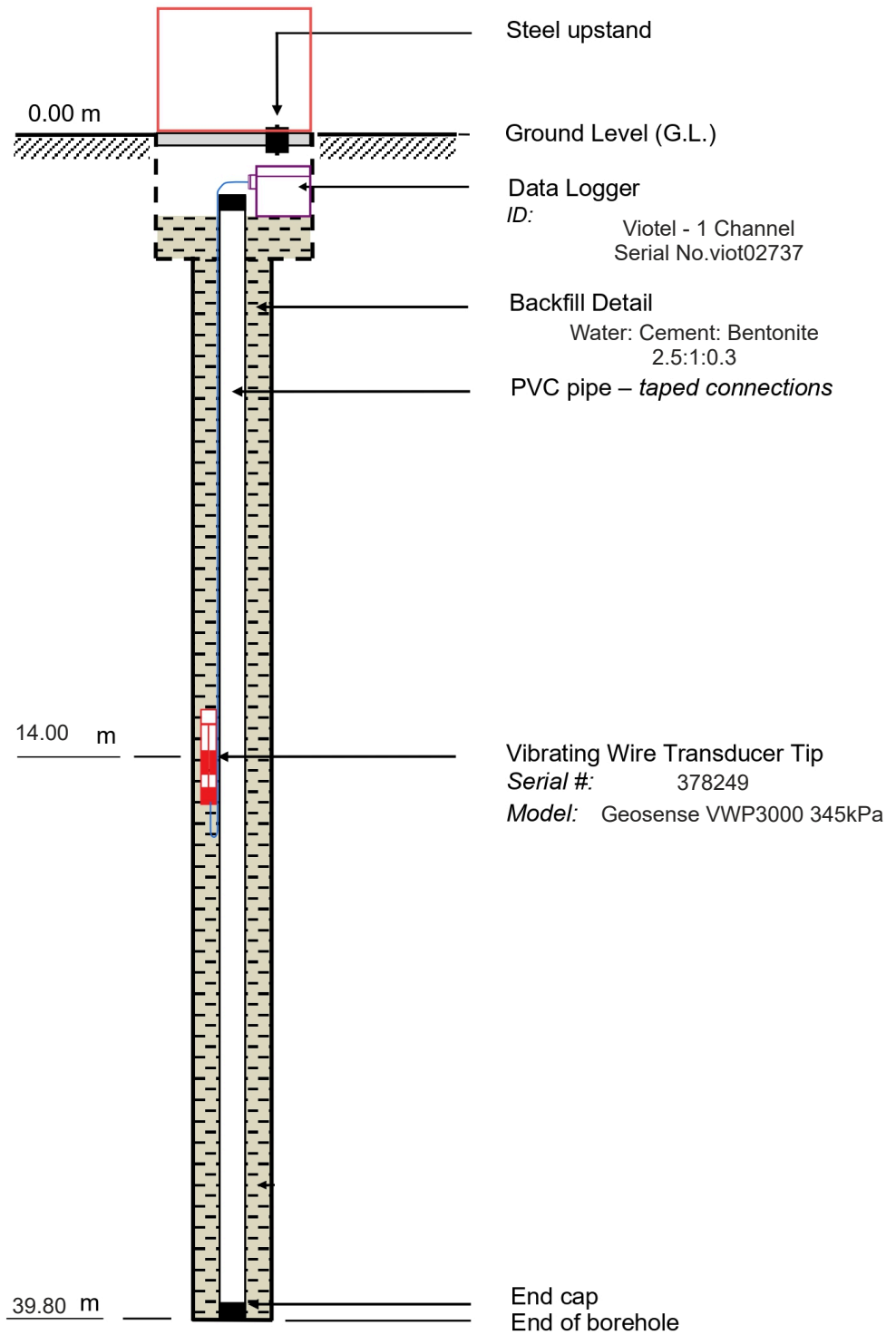
CO-ORDINATES (NZTM2000)

Easting: 1,727,920.91 m
Northing: 6,014,926.55 m
Ground Level: 34.4 m (NZVD2016)

INSTALLATION DETAILS

Location: 3935 State Highway 1
Installation Date: 20/10/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1104



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: DRB

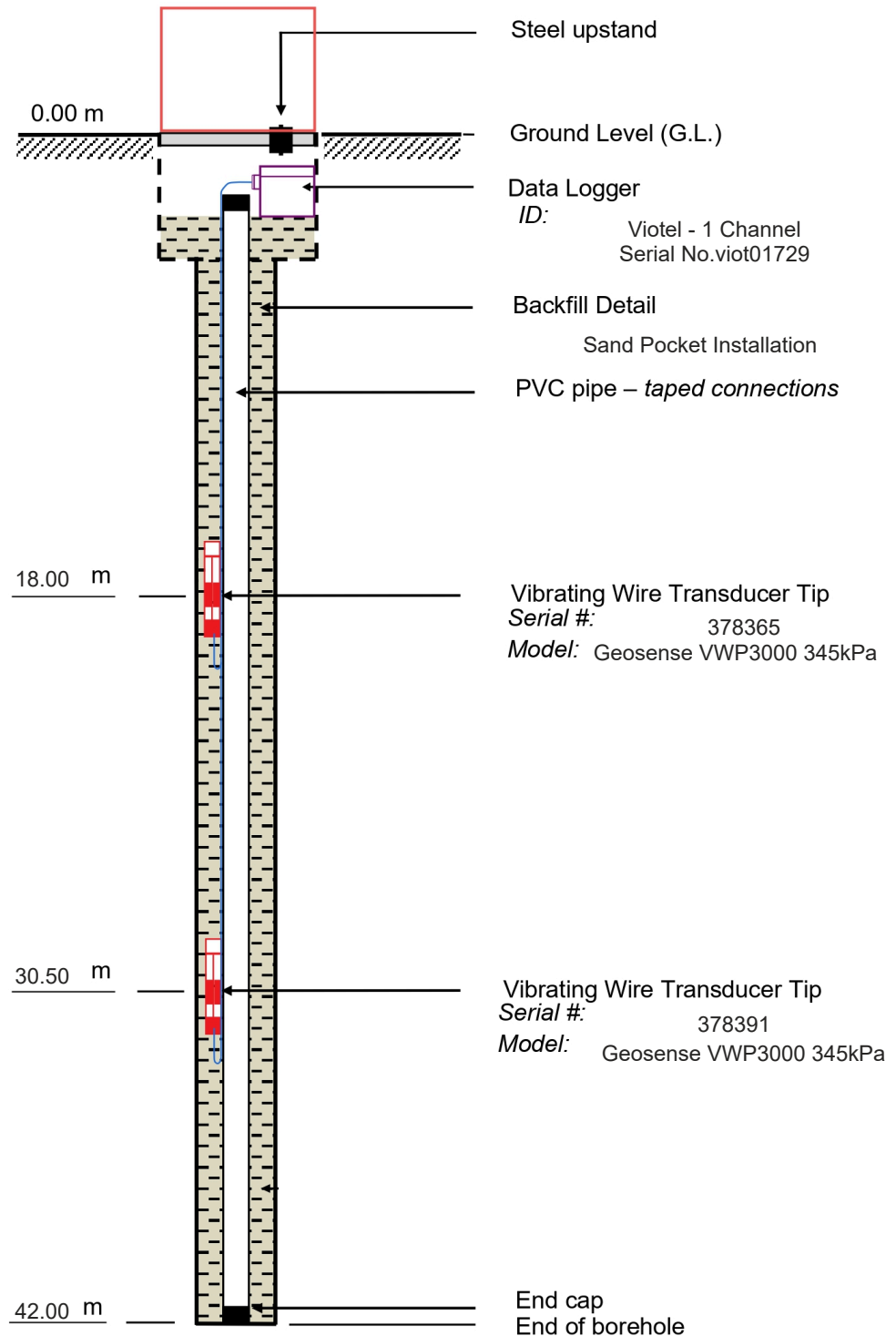
CO-ORDINATES (NZTM2000)

Easting: 1,727,722.82 m
Northing: 6,012,232.02 m
Ground Level: 22.9 m (NZVD2016)

INSTALLATION DETAILS

Location: 4245 State Highway 1
Installation Date: 28/08/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1105

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: BTG

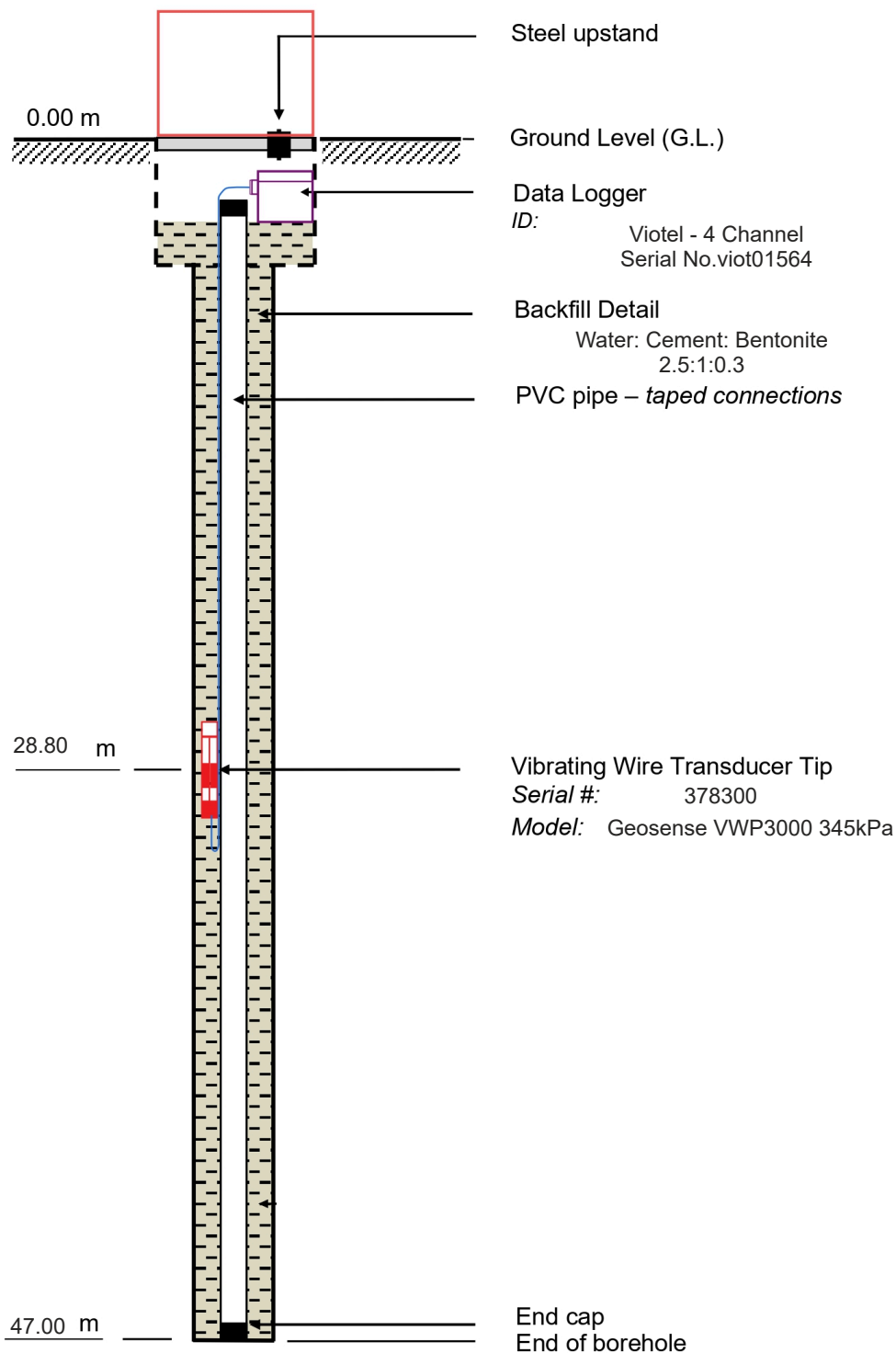
CO-ORDINATES (NZTM2000)

Easting: 1,727,750.40 m
Northing: 6,011,853.67 m
Ground Level: 23.2 m (NZVD2016)

INSTALLATION DETAILS

Location: 4245 State Highway 1
Installation Date: 5/09/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1106

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: CM

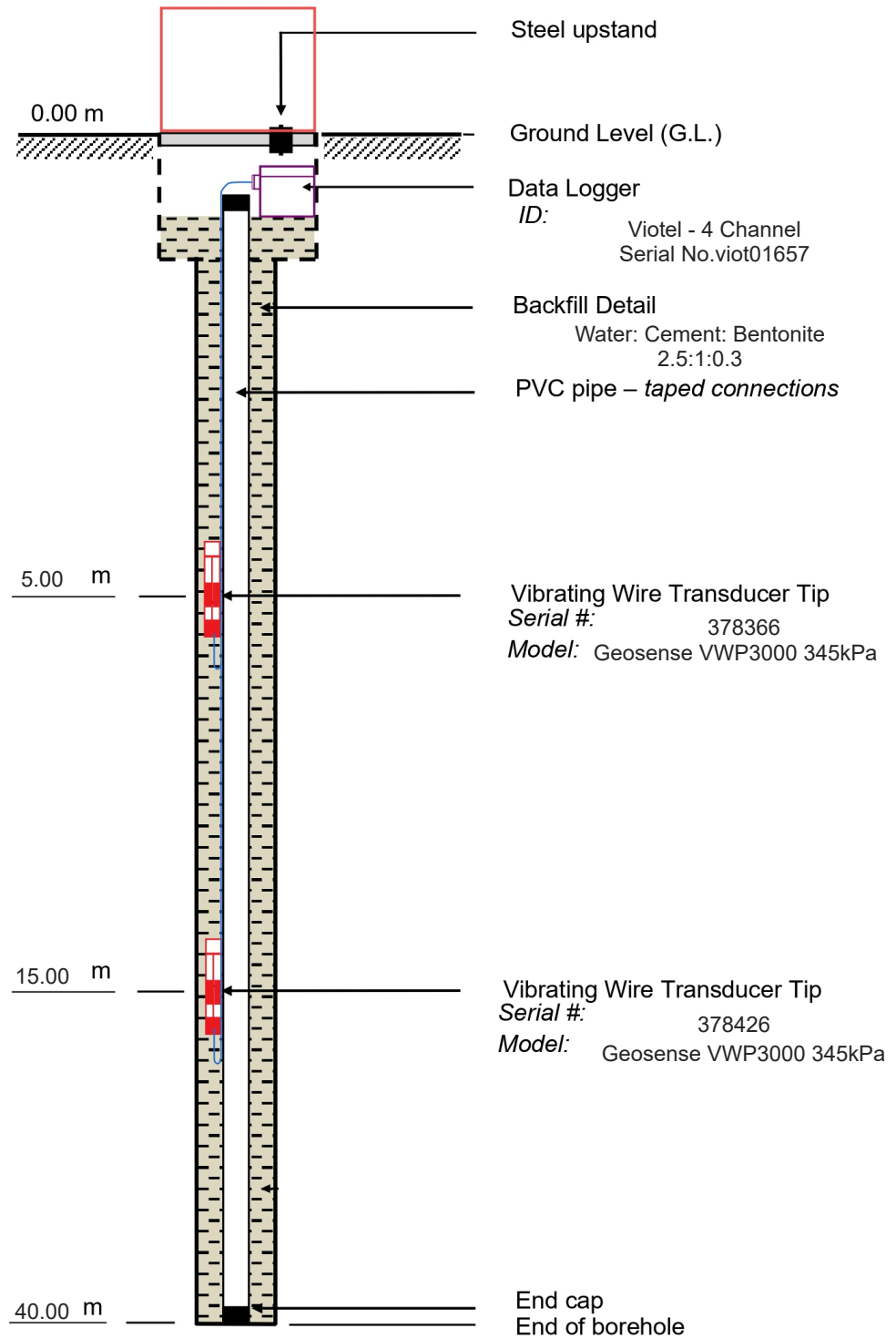
CO-ORDINATES (NZTM2000)

Easting: 1,727,713.24 m
Northing: 6,011,388.68 m
Ground Level: 26.0 m (NZVD2016)

INSTALLATION DETAILS

Location: 4245 State Highway 1
Installation Date: 27/08/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1107

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: BTG

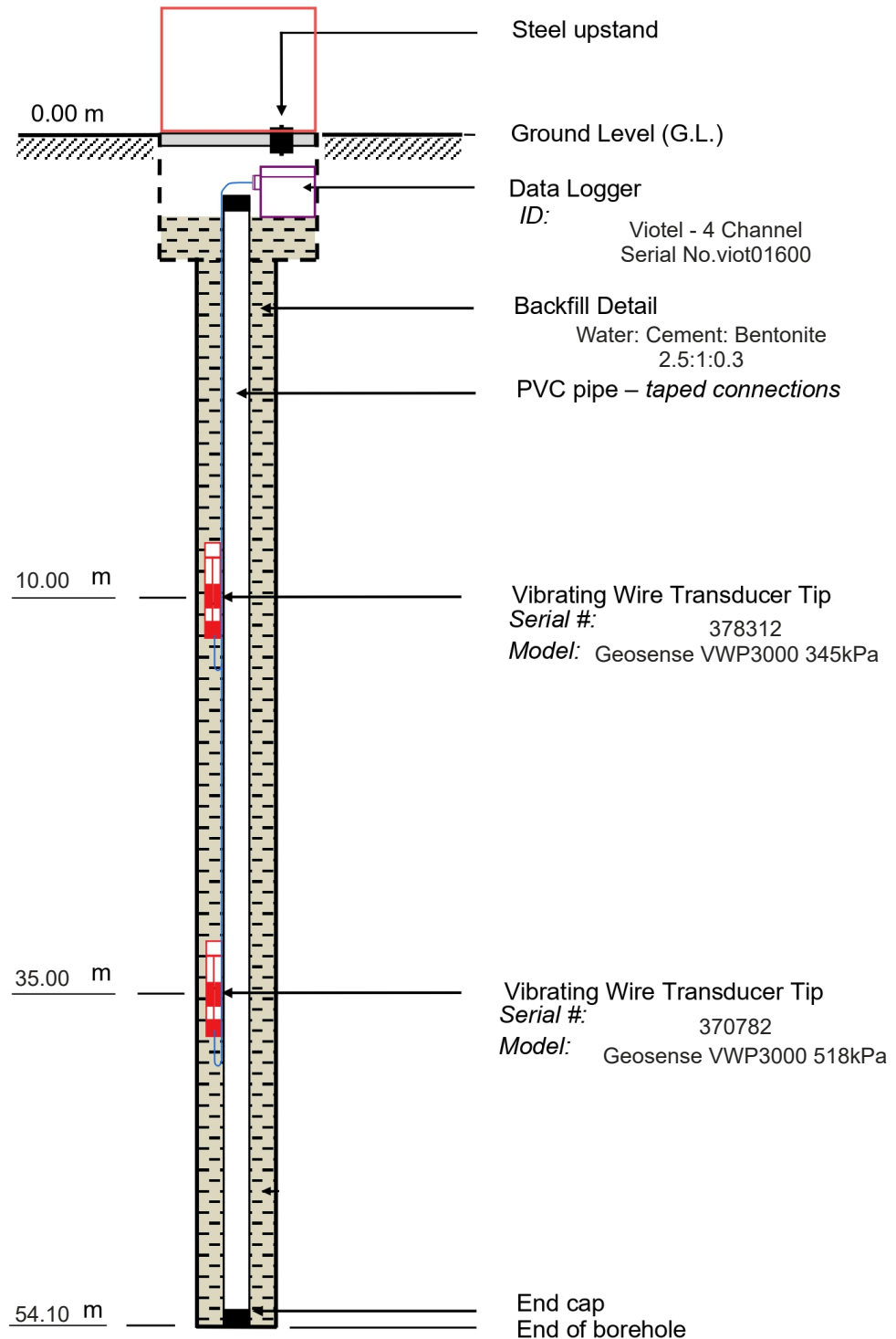
CO-ORDINATES (NZTM2000)

Easting: 1,727,868.86 m
Northing: 6,010,051.18 m
Ground Level: 105.0m (NZVD2016)

INSTALLATION DETAILS

Location: 4245 State Highway 1
Installation Date: 15/10/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1108



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: BTG

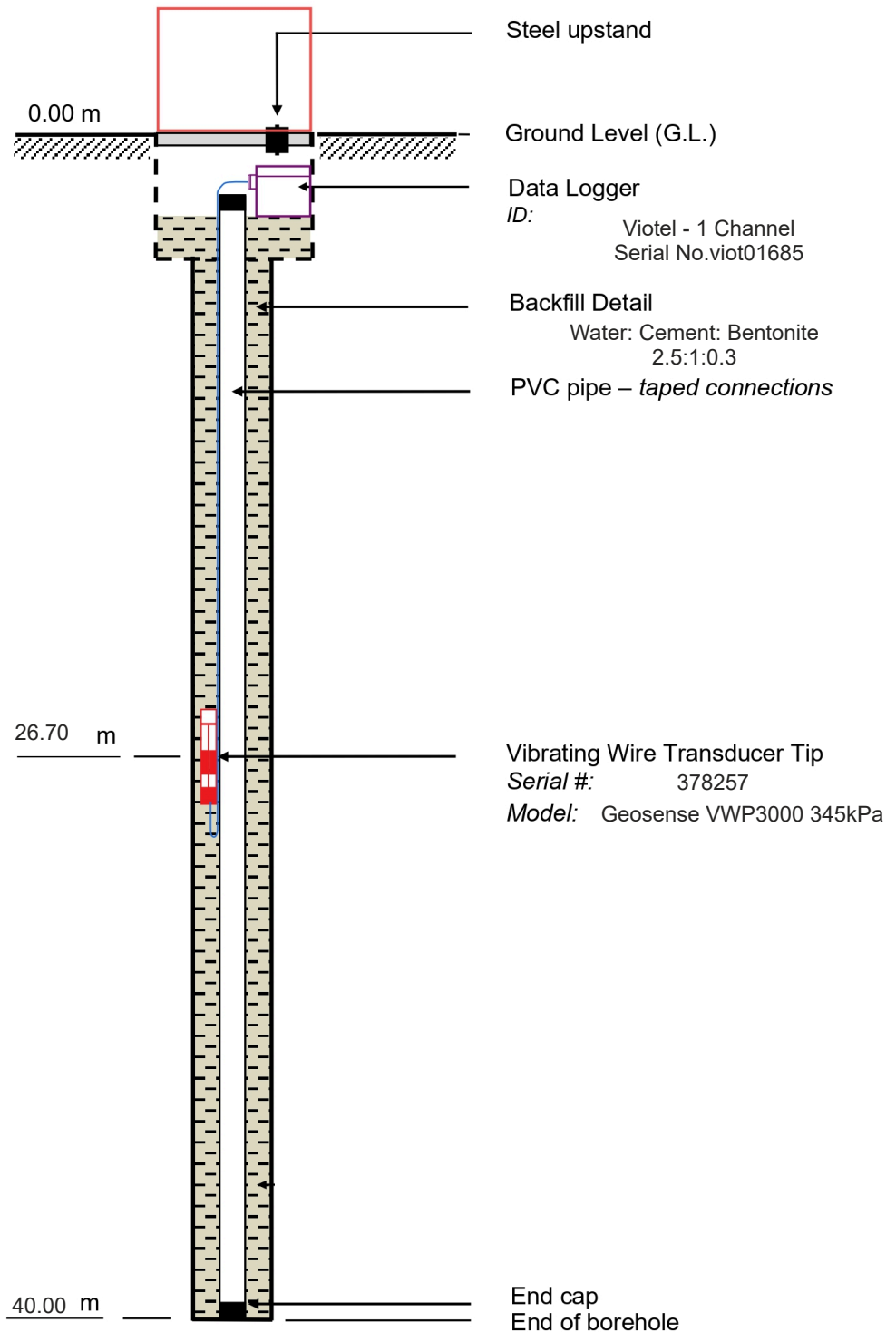
CO-ORDINATES (NZTM2000)

Easting: 1,727,937.59 m
Northing: 6,010,675.58 m
Ground Level: 52.1 m (NZVD2016)

INSTALLATION DETAILS

Location: 4245 State Highway 1
Installation Date: 22/10/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1109



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: JD

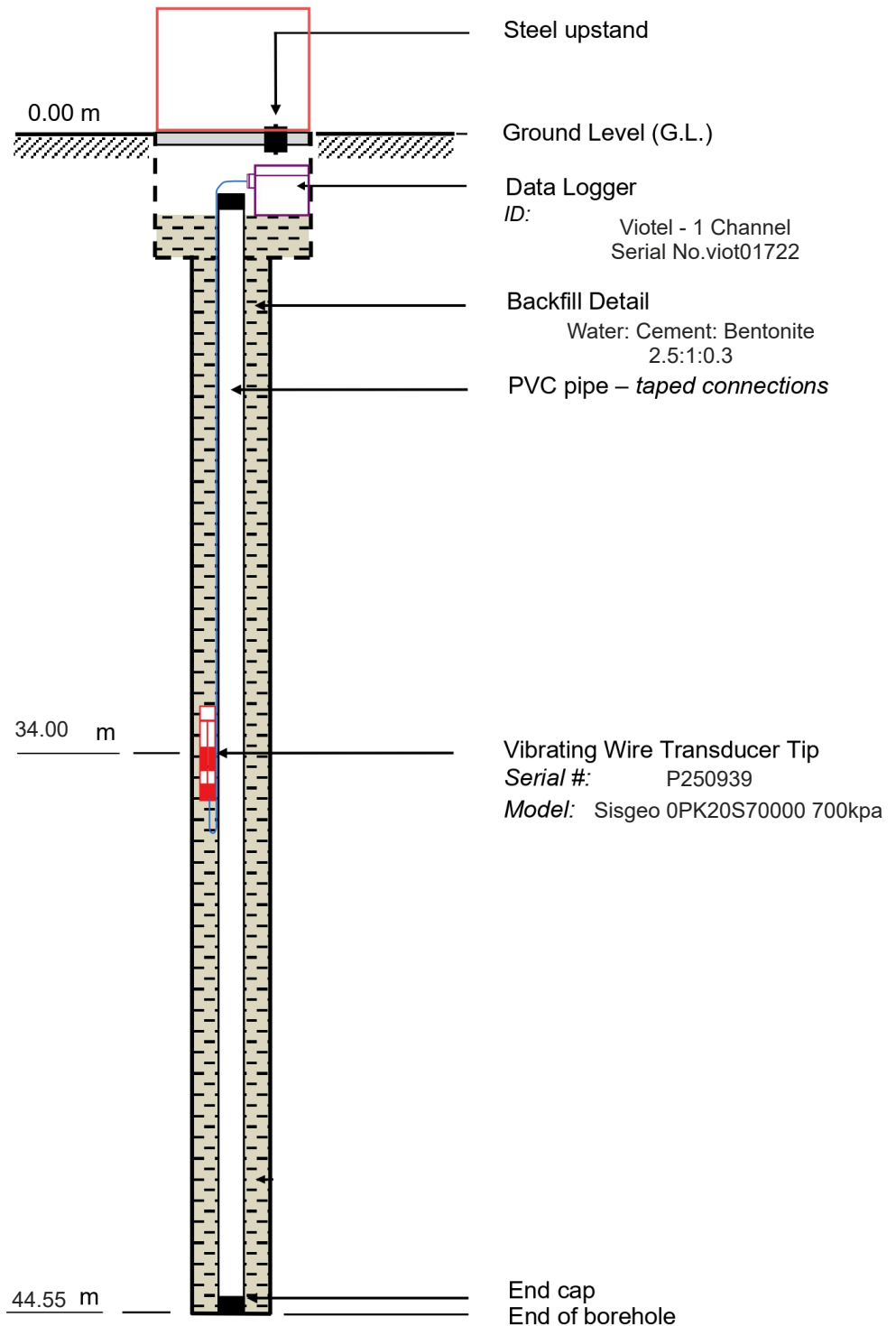
CO-ORDINATES (NZTM2000)

Easting: 1,727,411.78 m
Northing: 6,007,750.50 m
Ground Level: 264.1m (NZVD2016)

INSTALLATION DETAILS

Location: State Highway 1, Waipu
Installation Date: 19/09/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1110

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: KR

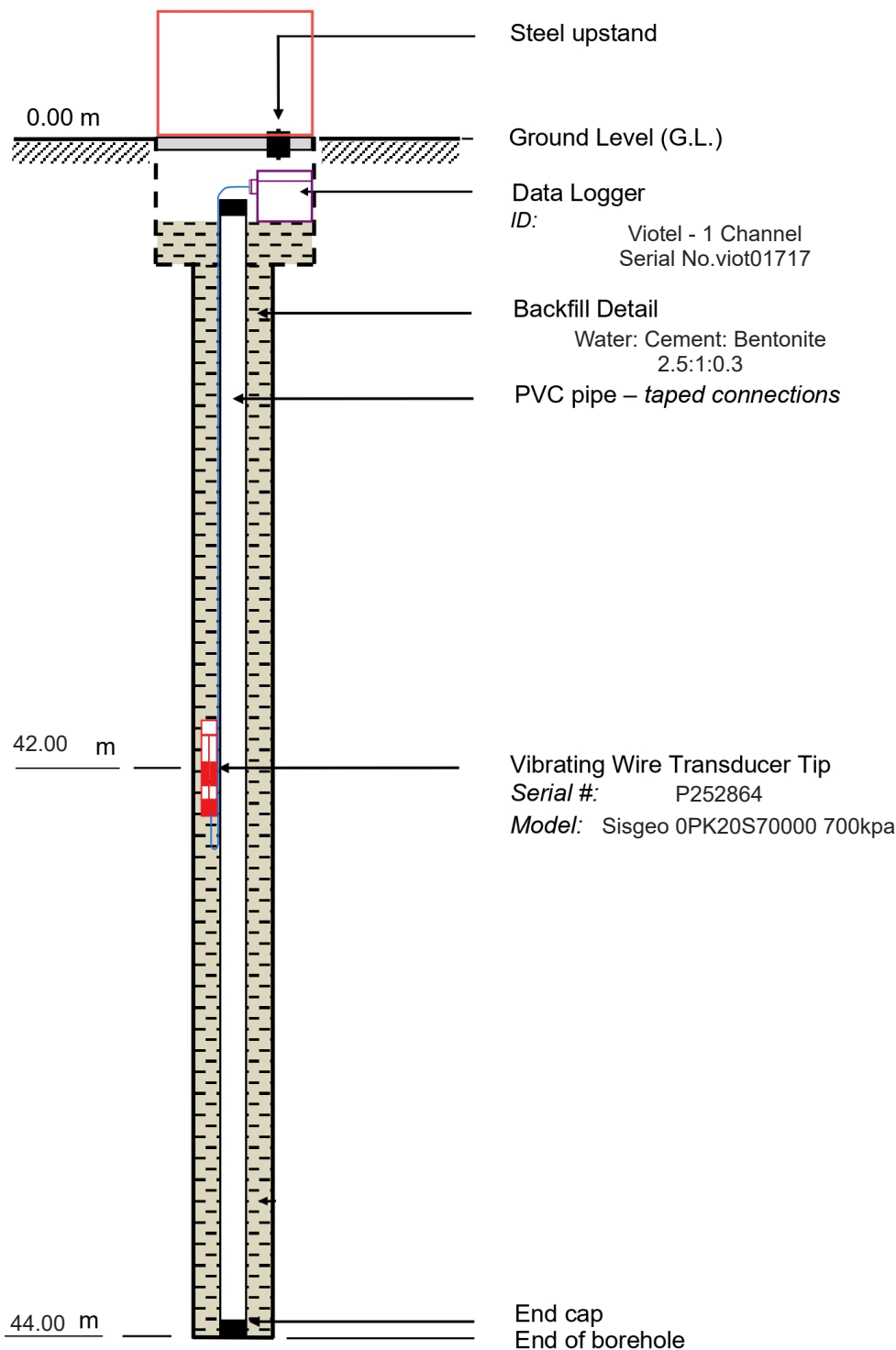
CO-ORDINATES (NZTM2000)

Easting: 1,727,453.99 m
Northing: 6,007,194.11 m
Ground Level: 252.6m (NZVD2016)

INSTALLATION DETAILS

Location: State Highway 1, Waipu
Installation Date: 5/11/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1111

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: MC

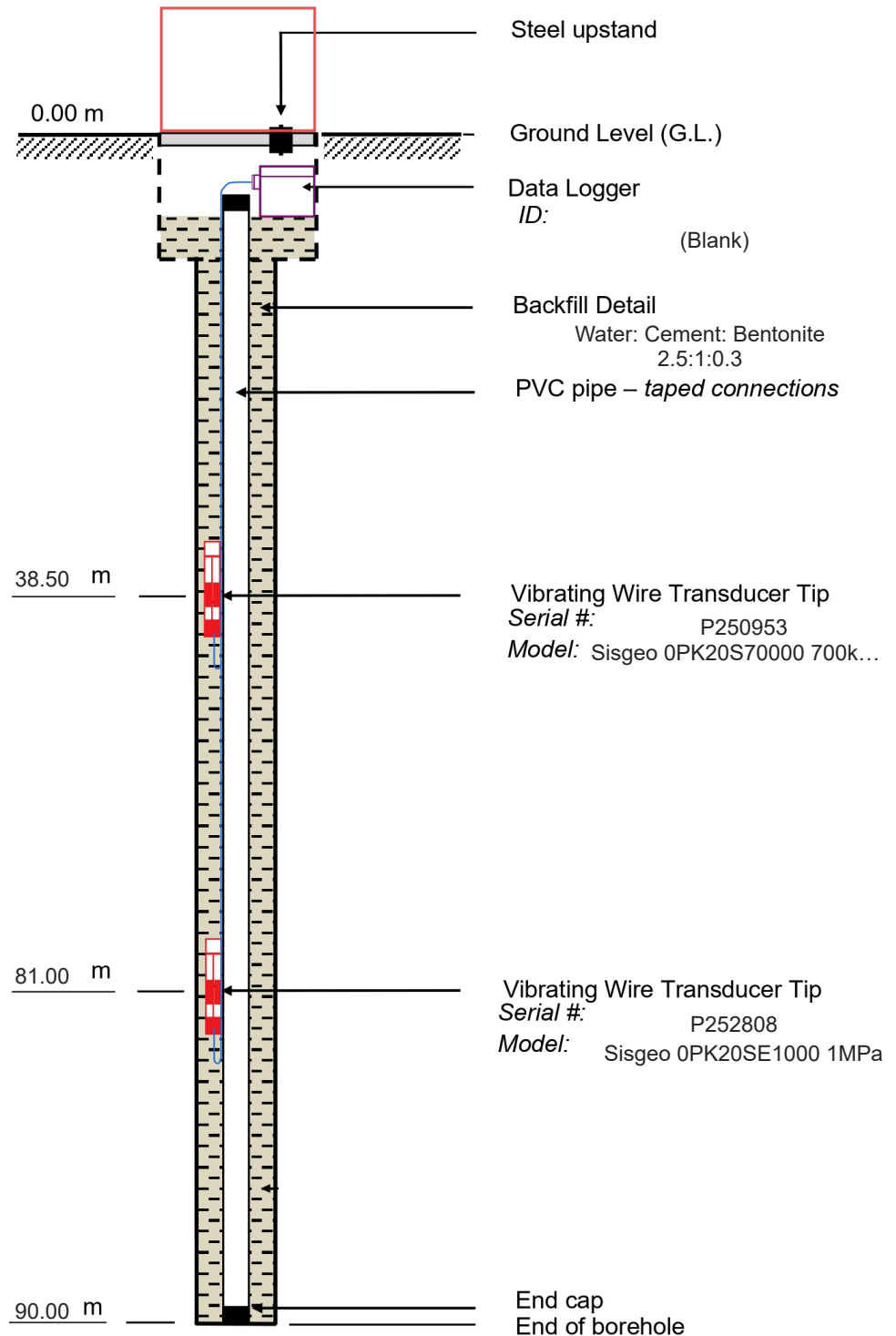
CO-ORDINATES (NZTM2000)

Easting: 1,727,579.39 m
Northing: 6,007,397.39 m
Ground Level: 287.5m (NZVD2016)

INSTALLATION DETAILS

Location: State Highway 1, Waipu
Installation Date: 2/10/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1113



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: BG

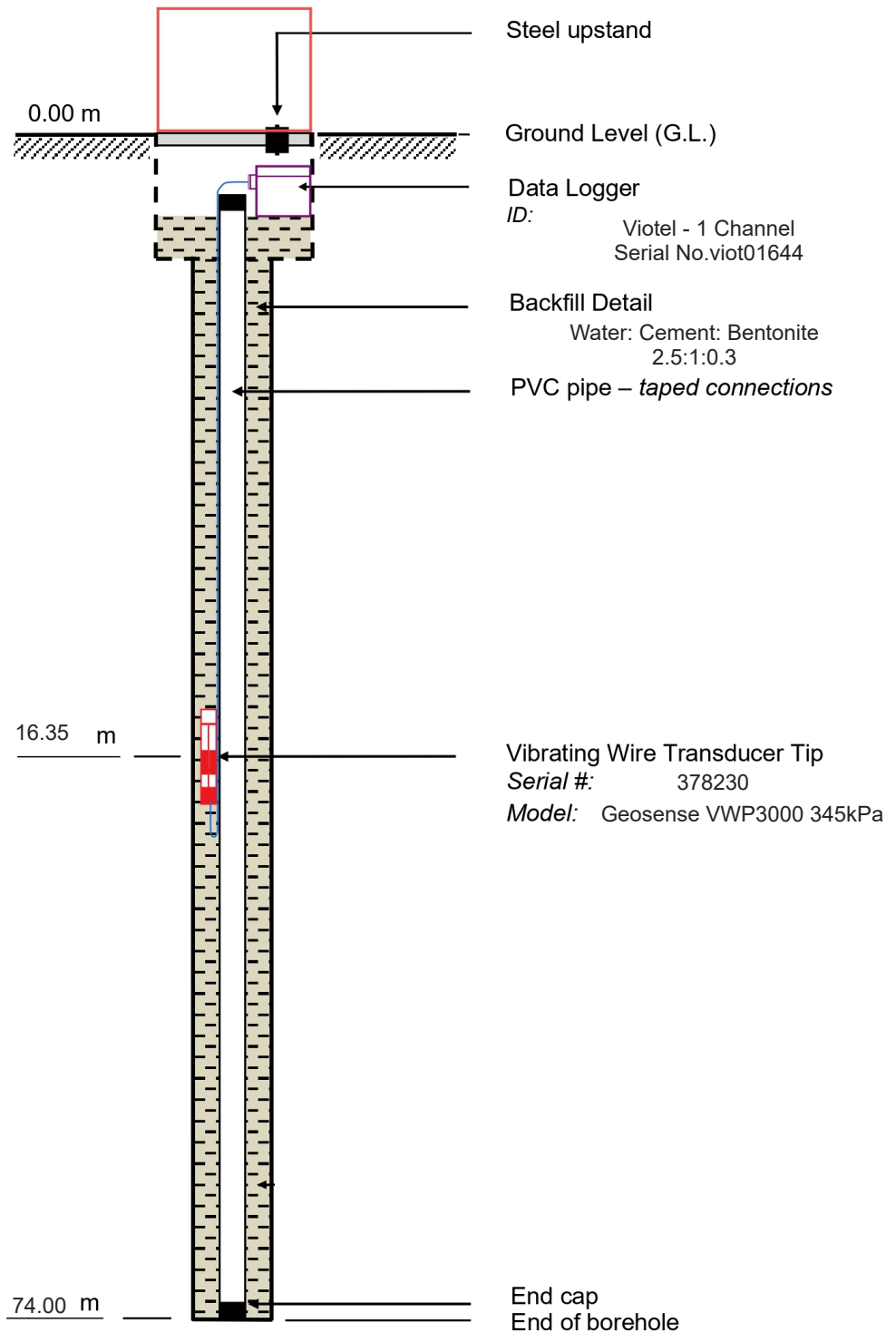
CO-ORDINATES (NZTM2000)

Easting: 1,727,719.87 m
Northing: 6,006,363.58 m
Ground Level: 114.2 m (NZVD2016)

INSTALLATION DETAILS

Location: 2941 State Highway 1, Kaiwaka
Installation Date: 6/11/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1114

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: MZ

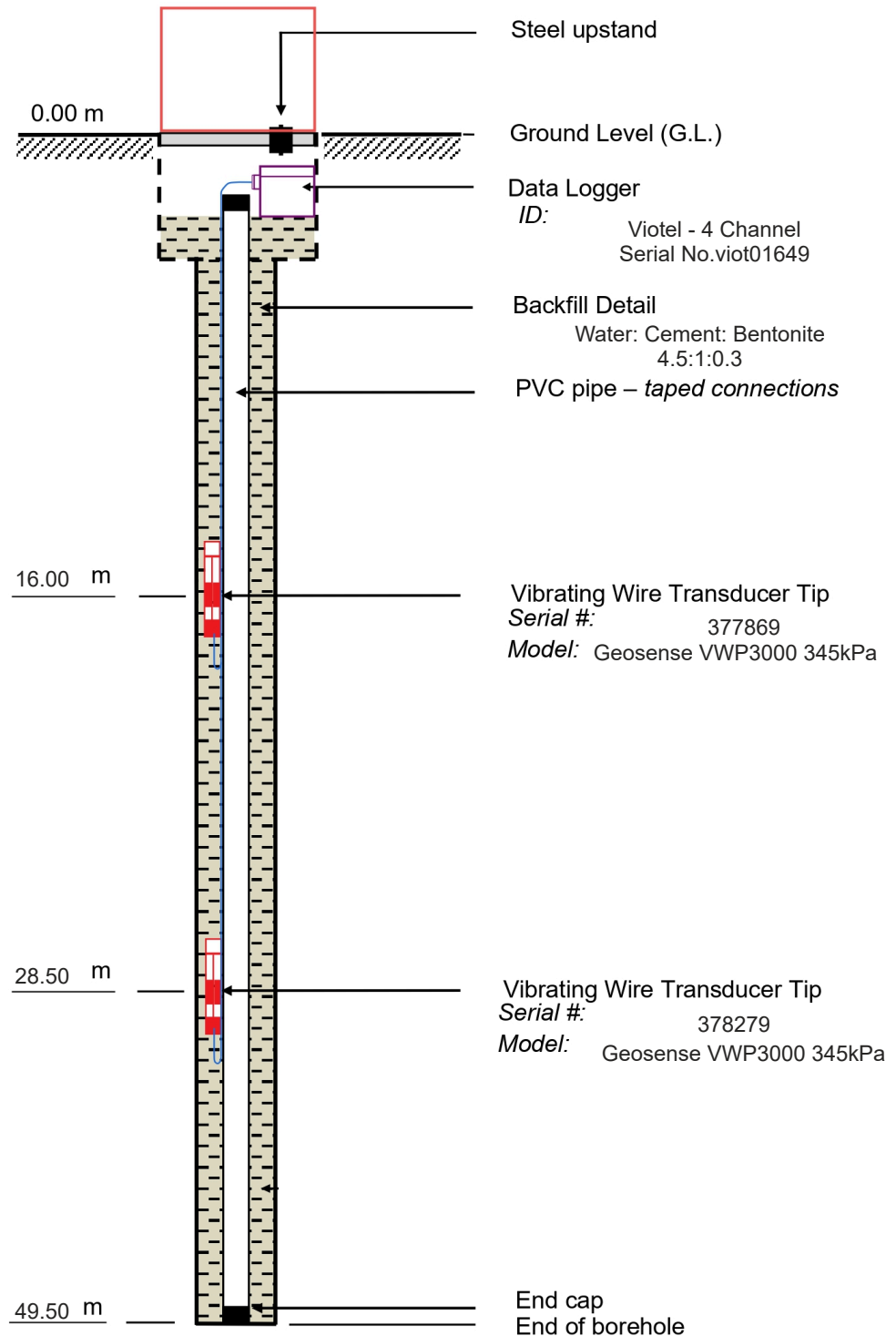
CO-ORDINATES (NZTM2000)

Easting: 1,727,796.31 m
Northing: 6,005,340.81 m
Ground Level: 126.8m (NZVD2016)

INSTALLATION DETAILS

Location: 67 Brynderwyn Road, Brynderwyn, Maungaturoto
Installation Date: 1/10/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1115

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: MZ

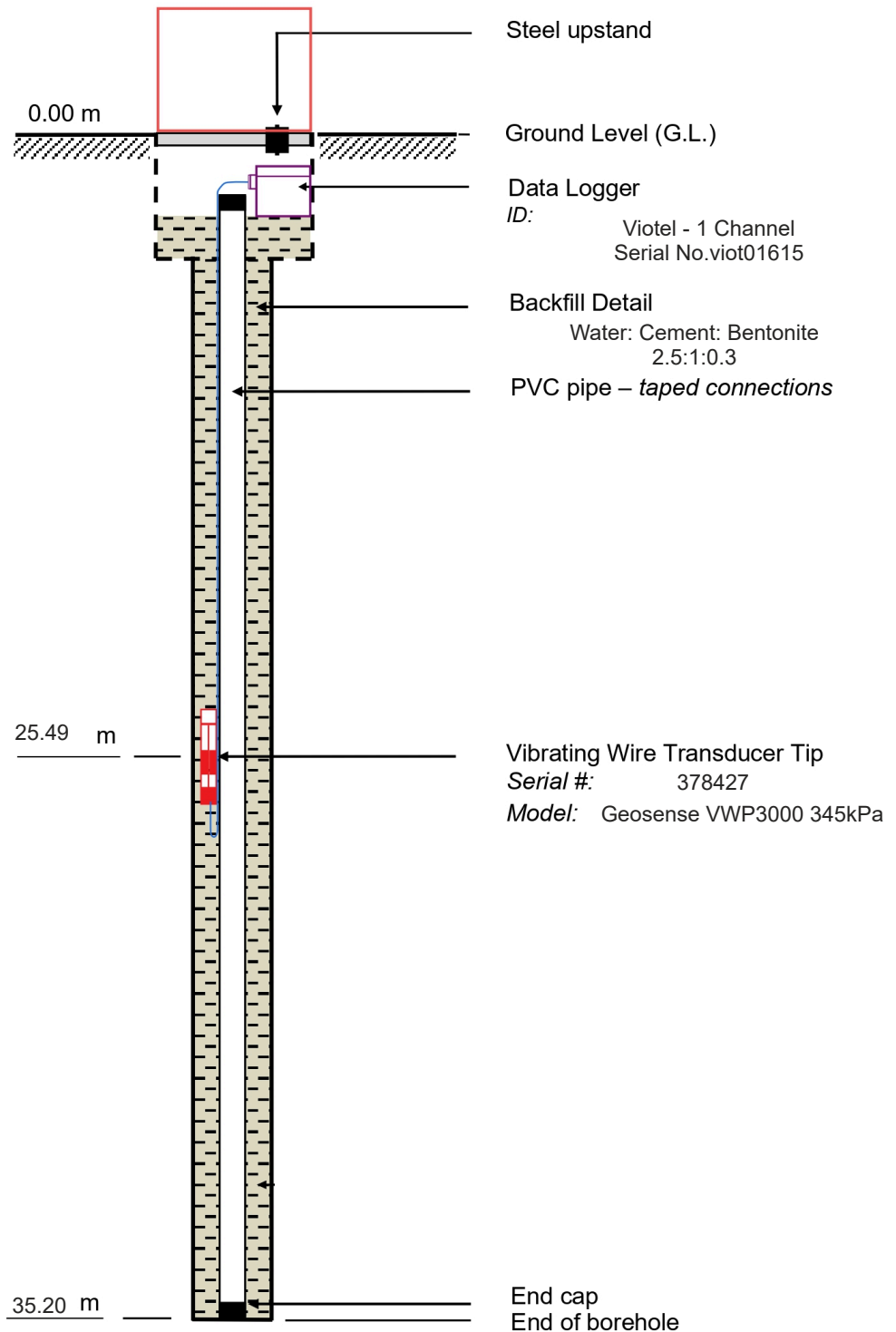
CO-ORDINATES (NZTM2000)

Easting: 1,727,743.25 m
Northing: 6,004,202.98 m
Ground Level: 46.9 m (NZVD2016)

INSTALLATION DETAILS

Location: 94 State Highway 12, Brynderwyn, Maungaturoto
Installation Date: 22/08/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1116



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: MC

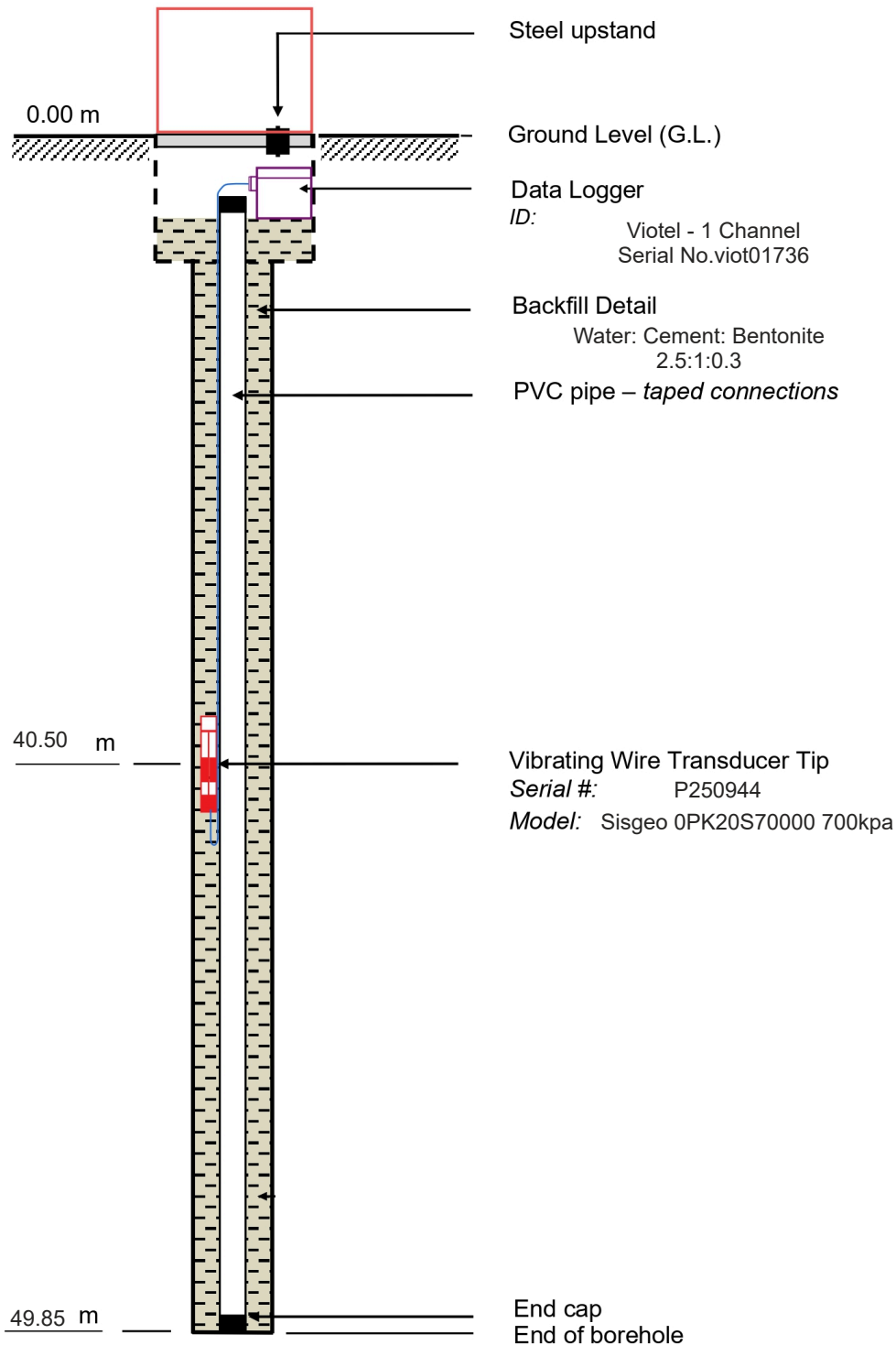
CO-ORDINATES (NZTM2000)

Easting: 1,727,382.40 m
Northing: 6,007,922.96 m
Ground Level: 256.4m (NZVD2016)

INSTALLATION DETAILS

Location: State Highway 1, Waipu
Installation Date: 11/09/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1117



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: CM

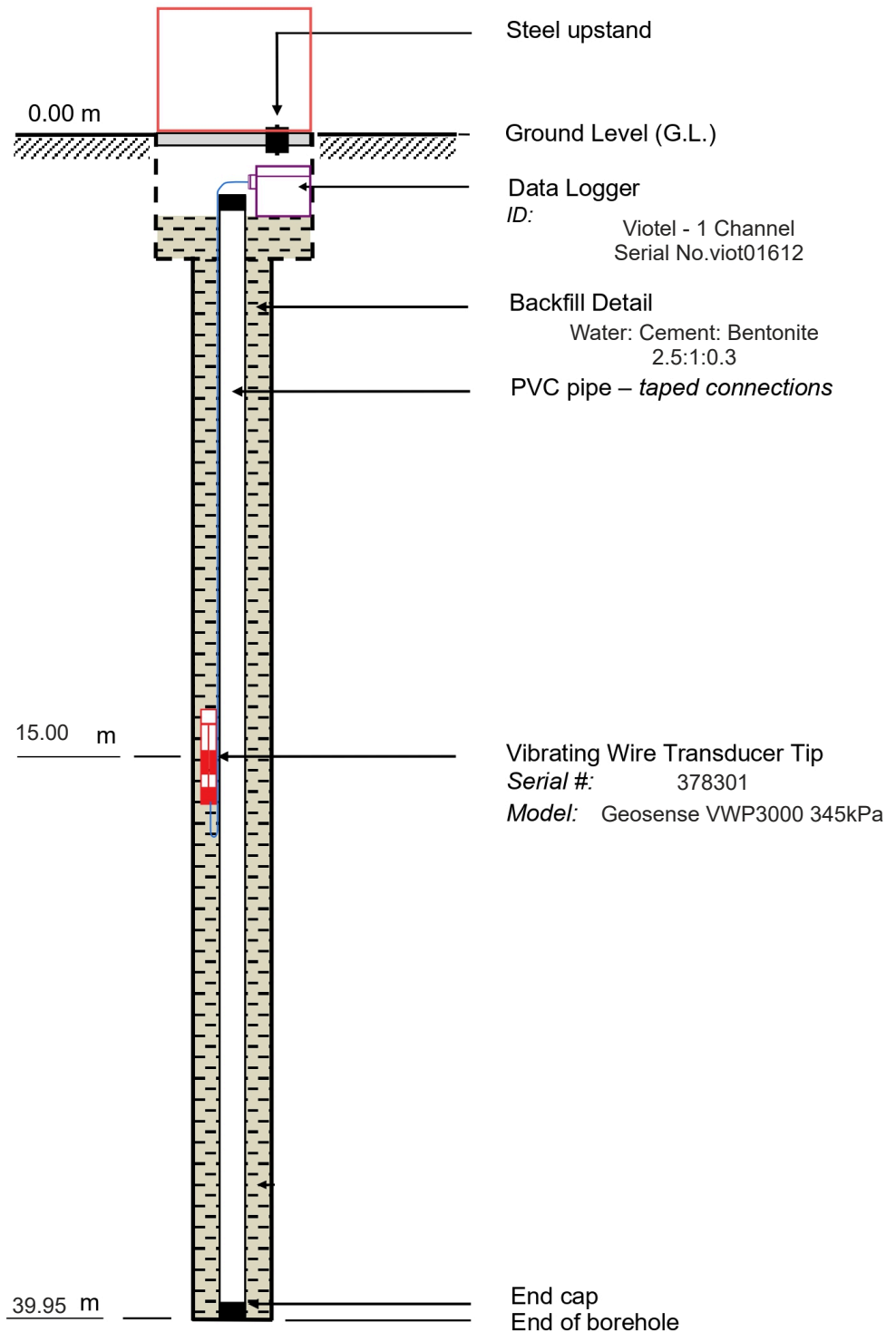
CO-ORDINATES (NZTM2000)

Easting: 1,727,832.55 m
Northing: 6,011,011.52 m
Ground Level: 52.4 m (NZVD2016)

INSTALLATION DETAILS

Location: 4245 State Highway 1, Waipu
Installation Date: 9/09/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1122



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: CM

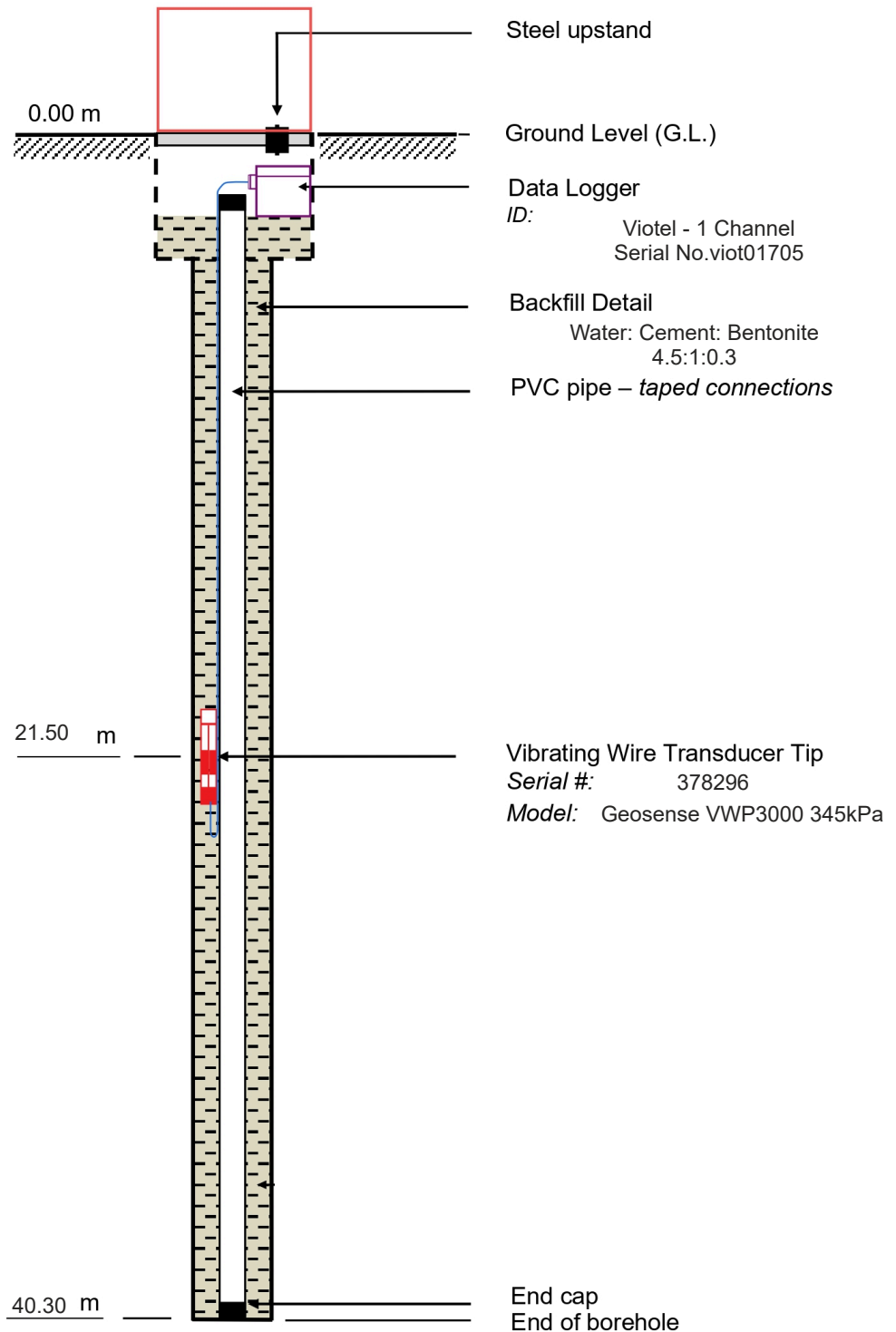
CO-ORDINATES (NZTM2000)

Easting: 1,727,701.65 m
Northing: 6,015,418.80 m
Ground Level: 12.6 m (NZVD2016)

INSTALLATION DETAILS

Location: 3930 State Highway 1 Waipu
Installation Date: 25/09/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1124



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: AP

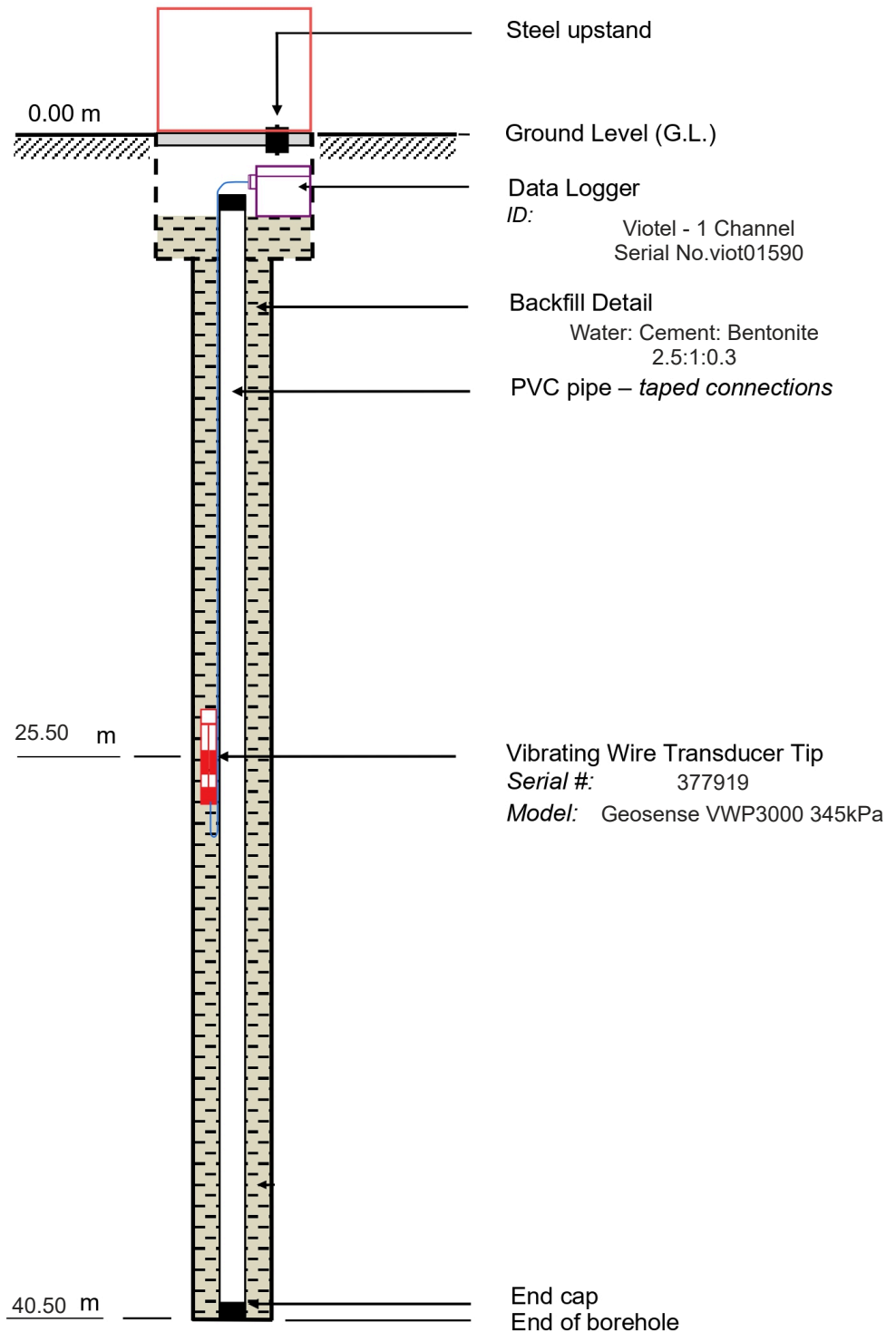
CO-ORDINATES (NZTM2000)

Easting: 1,727,515.44 m
Northing: 6,008,338.17 m
Ground Level: 227.2m (NZVD2016)

INSTALLATION DETAILS

Location: State Highway 1, Waipu
Installation Date: 7/10/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1125



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: AP

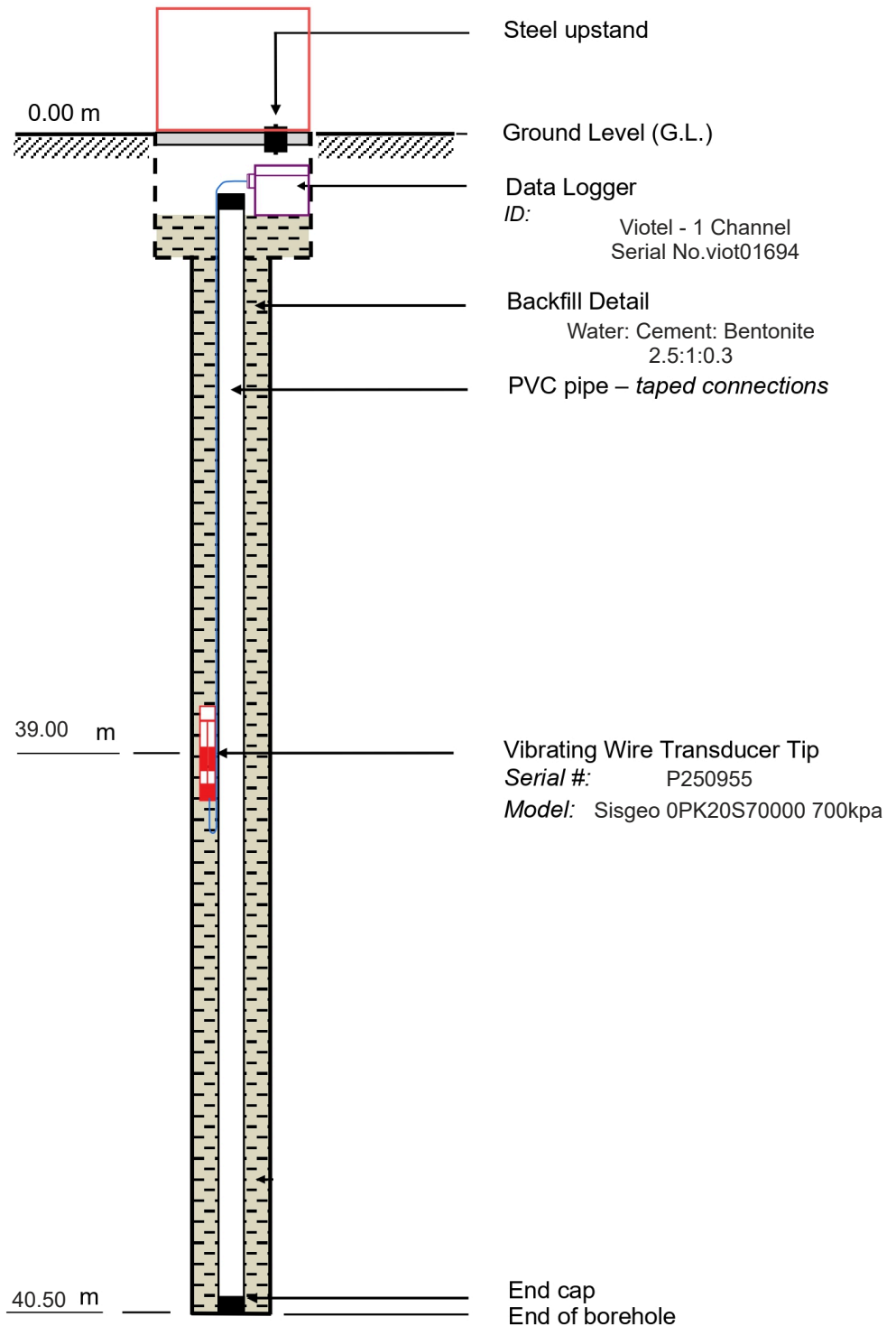
CO-ORDINATES (NZTM2000)

Easting: 1,727,364.86 m
Northing: 6,007,596.23 m
Ground Level: 275.9m (NZVD2016)

INSTALLATION DETAILS

Location: State Highway 1, Waipu
Installation Date: 24/09/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1126



Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: MZ

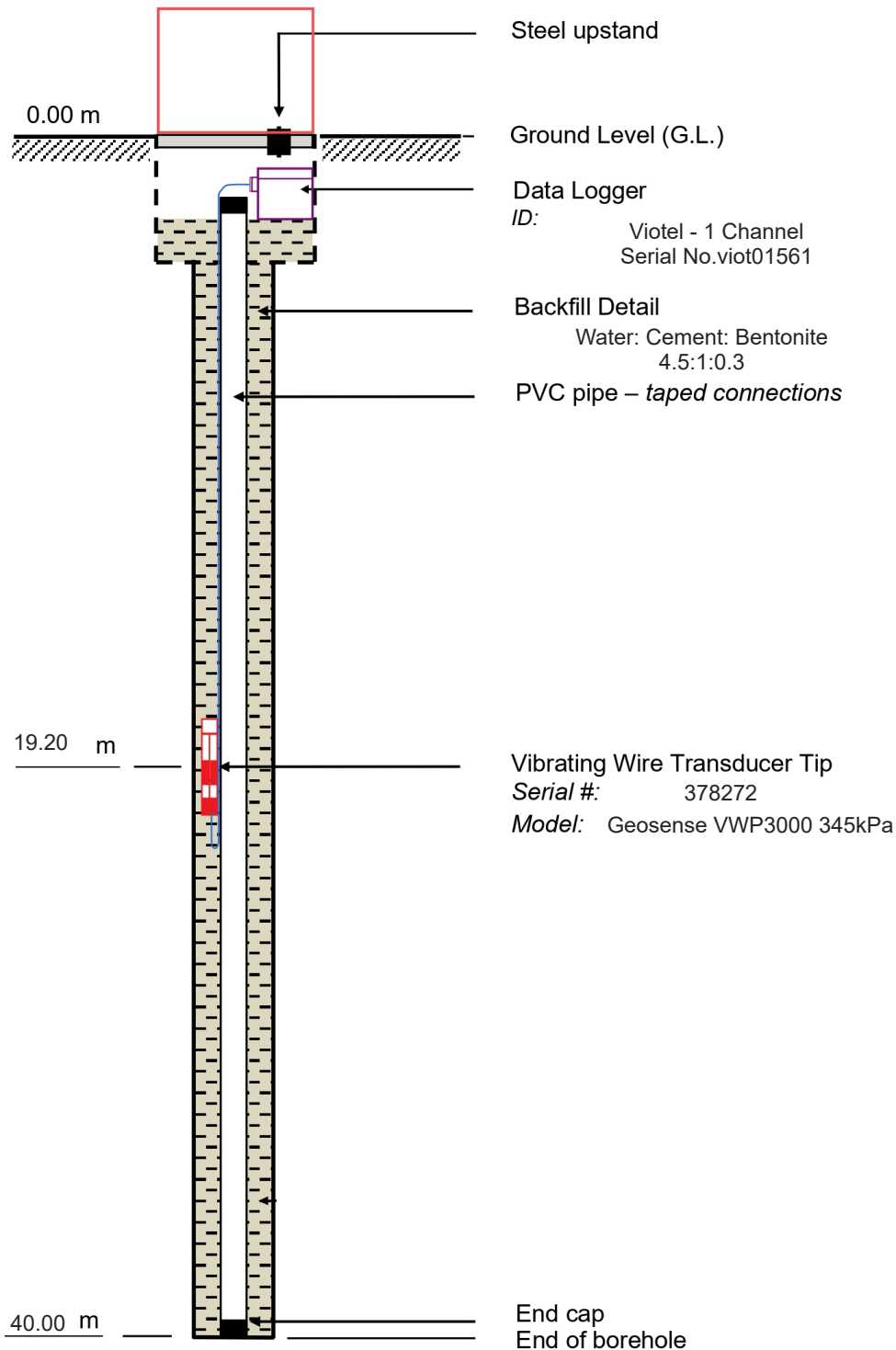
CO-ORDINATES (NZTM2000)

Easting: 1,728,069.68 m
Northing: 6,005,579.21 m
Ground Level: 147.2m (NZVD2016)

INSTALLATION DETAILS

Location: 67 Brynderwyn Road, Brynderwyn, Maungaturoto
Installation Date: 7/10/2025

Not to scale



NOTE: REFER TO BOREHOLE LOG FOR GEOLOGY

NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.

VIBRATING WIRE INSTALLATION

BH2B_1127

Client: New Zealand Transport Agency - Waka Kotahi

Project: Alternative to the Brynderwyn Hills Section

Project No.:

BOREHOLE INFORMATION

Drilling Method: Rotary Core Wireline
Diameter Core: HQ3 (96mm)
Installation by: JD

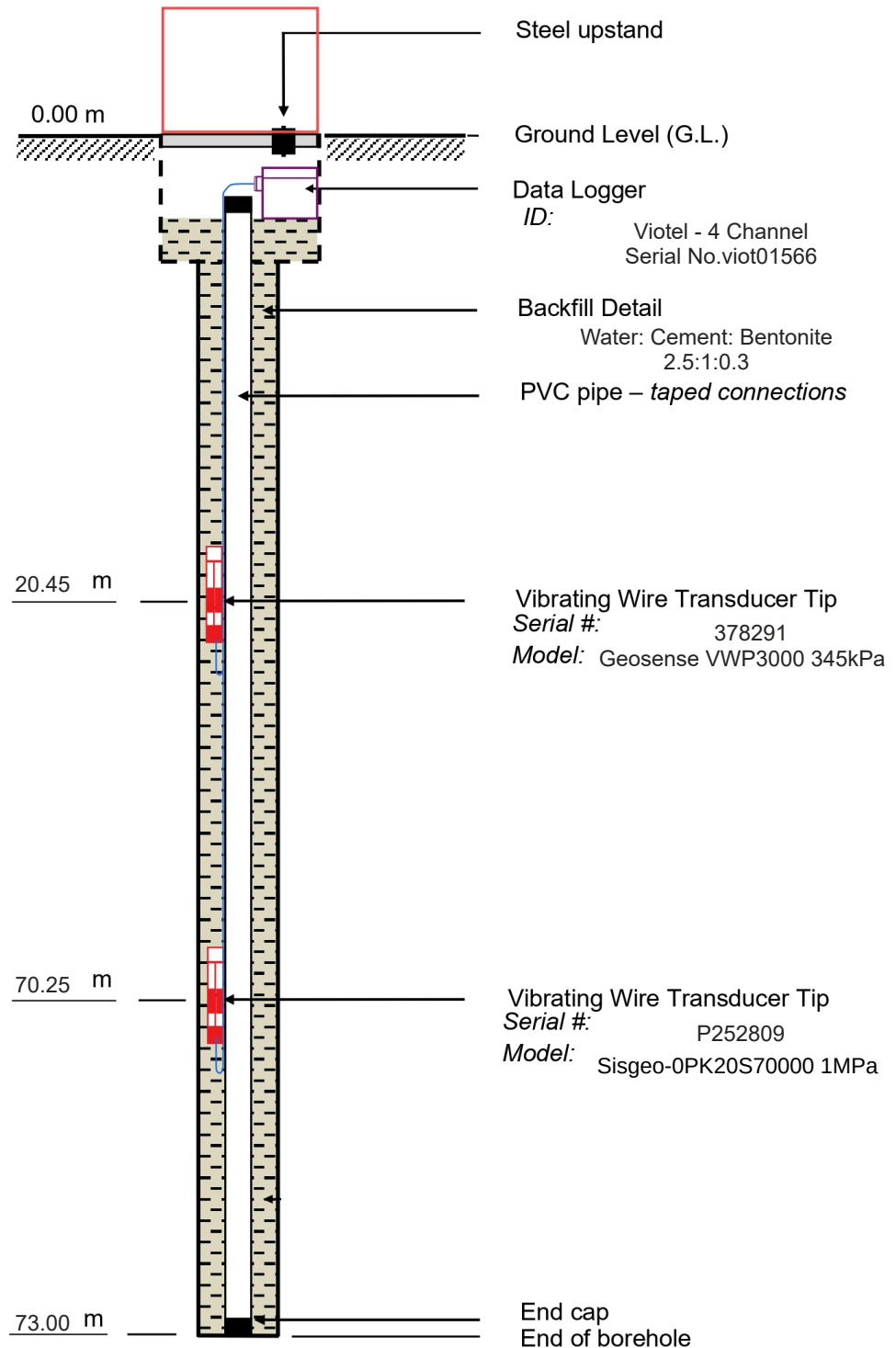
CO-ORDINATES (NZTM2000)

Easting: 1,727,488.55 m
Northing: 6,007,252.63 m
Ground Level: 267.0m (NZVD2016)

INSTALLATION DETAILS

Location: State Highway 1, Waipu
Installation Date: 23/10/2025

Not to scale



NOTE: The vibrating wire transducers were installed into the borehole by taping transducers tip-up to the outside of a 25-40mm diameter PVC (tremie) pipe, with the pipe diameter selected based on design requirements and site availability.