

Falling Head Test Summary			
BH_ID	Zone Tested (m bgl)	Geology of screened zone	Hydraulic conductivity estimation (m/s)
BH2B_1101	12-23.7	Unweathered Ruarangi siltstone and sandstone, fractured	2.73×10^{-8}
BH2B_1101	28-34.4	Unweathered Ruarangi siltstone, fractured.	2.65×10^{-8}
BH2B_1101	33-39.8	Unweathered Ruarangi siltstone, fractured.	1.29×10^{-8}
BH2B_1107	39-50	Unweathered Waipapa greywacke, fractured	2.40×10^{-8}
BH2B_1110	17.9-23.9	Highly weathered Waipapa greywacke	Test failed – logger error
BH2B_1110	21-27	Unweathered Waipapa greywacke, fractured	8.80×10^{-8}
BH2B_1113	19.6-22.6	Unweathered Northland Allochthon limestone, fractured	1.40×10^{-7}
BH2B_1117	17.6-39.95	Unweathered Waipapa greywacke, fractured	1.15×10^{-7}
BH2B_1124	15-30	Moderately to highly weathered Waipapa greywacke, grading into slightly weathered, fractured	6.40×10^{-8}
BH2B_1127	30-33.3	Slightly to unweathered Waipapa greywacke, highly fractured	1.05×10^{-7}
BH2B_1127	33-39.7	Unweathered Waipapa greywacke, highly fractured, brecciated	1.33×10^{-7}
BH2B_1127	40-46.5	Unweathered Waipapa greywacke, fractured	Not tested – risk of collapse; 60% mud loss 44-46.5 m.
BH2B_1128	44.3-50.3	Unweathered Waipapa greywacke, fractured	7.40×10^{-8}
BH2B_1129	21-27	Slightly weathered Waipapa greywacke, fractured	Not tested; groundwater at the base of the bore (nearly dry).
BH2B_1129	25.5-39	Slightly weathered Waipapa greywacke, fractured	5.30×10^{-8}
BH2B_1130	37.5-48	Unweathered Pakiri sandstone; fractured	3.90×10^{-8}
BH2B_1130	66-70.5	Unweathered Pakiri sandstone; fractured	5.48×10^{-5}

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BH2B_1137	15-25.6	Slightly to unweathered Waipapa greywacke, fractured	9.80×10^{-8}
BH2B_1137	57-70	Slightly to unweathered Waipapa greywacke, some fracturing	2.30×10^{-8}
BH2B_1139	16-21.6	Unweathered Waipapa greywacke, fractured	4.60×10^{-8}
BH2B_1139	27.15-33.15	Unweathered Waipapa greywacke, fractured	3.30×10^{-8}
BH2B_1146	27.45-30.45	Holocene Alluvium, silty clay	Not tested, risk of collapse of unconsolidated sediments
BH2B_1147	19.5-22.5	Unweathered Waipapa greywacke, highly fractured	1.90×10^{-7}
BH2B_1147	22.4-25.2	Unweathered Waipapa greywacke, highly fractured	2.00×10^{-7}
BH2B_1148	21-34.5	Moderately to unweathered Waipapa greywacke, brecciated ~29-30 m	2.70×10^{-8}
BH2B_1153	28.5-34.5	Unweathered Waipapa greywacke, fractured	8.90×10^{-8}
BH2B_1153	28.5-40.5	Unweathered Waipapa greywacke, fractured	4.90×10^{-8}
BH2B_1156	1.5-6	Unweathered, Northland Allochthon limestone, fractured	2.26×10^{-8}
BH2B_1156	29-30	Unweathered, Northland Allochthon siltstone - some fracturing	1.96×10^{-7}
BH2B_1157	12-18.3	Completely weathered Taurikura dacite	1.30×10^{-6}
BH2B_1157	40.5-49.5	Unweathered dacite	8.70×10^{-8}
BH2B_1157	73-85	Unweathered Taurikura dacite	7.40×10^{-8}
BH2B_1159	13.5-19.5	Highly weathered Taurikura dacite	Not analysed – insufficient change in head (0.1 m)
BH2B_1159	53-59	Interface unweathered Taurikura dacite and underlying Northland Allochthon melange	Not analysed – head increase overnight

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BH2B_1162	7-10.5	Northland Allochthon melange	Not analysed – head increase overnight
Bh2B_1162	24-30	Northland Allochthon melange	Not analysed – head increase overnight
BH2B_1164	17.2-21.7	Northland Allochthon mélange	1.10×10^{-8}