

TECHNICAL MEMORANDUM

To: Cato Bolam	From: Jasmine Walden
Attention: Paul Kleynhans	Date: 25 June 2021
Email: s 9(2)(a)	Reference: AKL2020-0231AC Rev.0
Cc: Trevor Canty (NCL)	Pages: 1 of 1
Subject: Infiltration Memorandum – 71 Trig Road, Huapai	

CMW Geosciences have been engaged by Neil Construction Limited to make comment on the potential for reduced infiltration at 71 Trig Road, Huapai from the current greenfield readings to soakage rates post earthworks, road stabilization and rain garden construction.

As illustrated in the attached falling head soakage test report, referenced AKL2019-0040AH Rev.0, dated 1 June 2021, CMW have completed soakage testing in the neighbouring site where earthworks operations have been underway, with HA02-21 located in an area of recent filling. The percolation rates from this test are considered to be broadly representative of expected rates in any other fill areas on the subject site and are noted as being particularly low at 1.89mm/hr. On the basis of this, CMW consider it is highly likely the greenfield soakage rates would decrease significantly within the subject site following bulk earthworks, road stabilisation and rain garden installation.

For and on behalf of CMW Geosciences

Prepared by:



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Reviewed and authorised by:



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Distribution: 1 electronic copy to Cato Bolam via email
Original held at CMW Geosciences

Attachments: Brigham Creek and Trig Road – Falling Head Soakage Test Results

