

**PLASTICITY INDEX FOR AGGREGATES
TEST REPORT**



Project : Ground Investigation for Northland Corridor
 Location : Alternative to Brynderwyn Hills Section
 Client : NZTA C/- Aurecon & WSP NZ Ltd
 Contractor : N/A
 Sampled by : NC_Site Team
 Date sampled : 23/10/25
 Sampling method : SPT
 Sample description : Sandy SILT with minor clay
 Sample condition : As Received
 Source : BH2B_1157
 Sample depth : 10.50-10.95m

Project No :	1-C2466.16
Lab Ref No :	WL4708/183-PI
Client Ref No :	1-C2466.16

Test Results	
Client Ref No :	1-C2466.16
Cone penetration limit :	53
Plastic limit :	Unable to Roll Threads
Plasticity index :	Non-Plastic
Sample fraction :	Fraction passing 425µm test sieve
As received water content :	51.6

Test Methods	Notes
Water Content	NZS 4407 : 2015 Test 3.1
Cone Penetration	NZS 4407 : 2015 : Test 3.2
Plastic Limit	NZS 4407 : 2015 : Test 3.3
Plasticity Index	NZS 4407 : 2015 : Test 3.4

Date tested : 18/12/25
 Date reported : 19/12/25

Sampling is not covered by IANZ Accreditation. Results apply only to sample tested.
 This report may only be reproduced in full
 All information supplied by Client

Approved Signatory

Thirushen Pillay
 Designation : Senior Civil Engineering Technician
 Date : 14/01/26



Test results indicated as not accredited are outside the scope of the laboratory's accreditation

**PLASTICITY INDEX FOR AGGREGATES
TEST REPORT**



Project : Ground Investigation for Northland Corridor
 Location : Alternative to Brynderwyn Hills Section
 Client : NZTA C/- Aurecon & WSP NZ Ltd
 Contractor : N/A
 Sampled by : NC_Site Team
 Date sampled : 29/10/25
 Sampling method : SPT
 Sample description : Refer to BH2B_T162 log report
 Sample condition : As Received
 Source : BH2B_T162
 Sample depth : 3.50-3.95m

Project No : 1-C2466.16
 Lab Ref No : WL4708/188-PI
 Client Ref No : -

Test Results	
Client Ref No :	-
Cone penetration limit :	48
Plastic limit :	33
Plasticity index :	15
Sample fraction :	Fraction passing 425µm test sieve
As received water content :	33.2

Test Methods	Notes
Water Content	NZS 4407 : 2015 Test 3.1
Cone Penetration	NZS 4407 : 2015 : Test 3.2
Plastic Limit	NZS 4407 : 2015 : Test 3.3
Plasticity Index	NZS 4407 : 2015 : Test 3.4

Date tested : 17/12/25
 Date reported : 19/12/25

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Approved Signatory

Thirushen Pillay
 Designation : Senior Civil Engineering Technician
 Date : 23/12/25



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