




Cnr Elizabeth & Durham Streets
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LAB REF: 401/10
 JOB NO: 650463.003

CHRISTCHURCH REMEDIATION	
LABORATORY TEST RESULTS	
LOCATION: RICHMOND	BOREHOLE: BH-RCH-02

SAMPLE NO	TEST RESULTS		
	PSD	FINES CONTENT %	WATER CONTENT %
FC-0.5	N/A	24.51	9.5
FC-1.95	N/A	74.17	38.2
FC-2.1	GRAPH ATTACHED	72.67	55.4
FC-3.0	N/A	24.06	98.0
FC-4.25	N/A	11.03	21.2
FC-5.5	N/A	2.91	7.0
PSD WS-4.4	GRAPH ATTACHED	13.67	20.7
FC-7.7	N/A	7.96	20.6
FC-9.0	N/A	9.12	9.2
FC-10.1	N/A	1.84	22.7
FC-11.0	N/A	11.25	15.8
FC-12.7	N/A	8.55	20.6

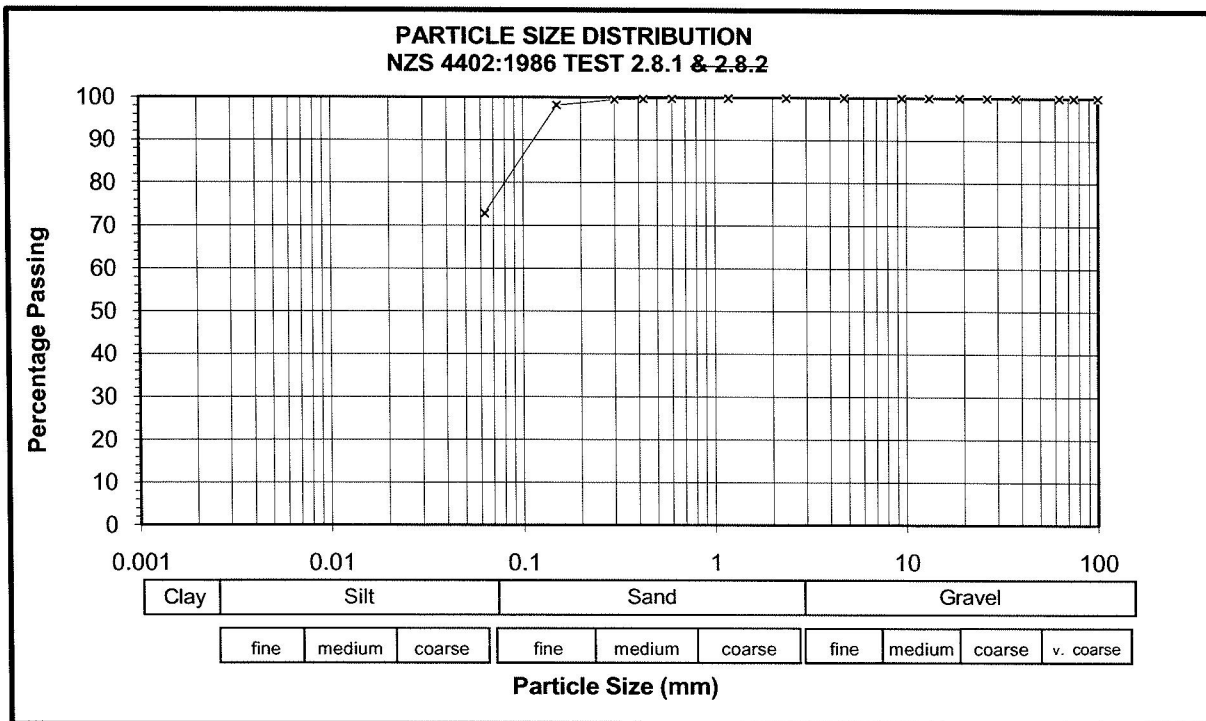
CHECKED:	
DATE:	26/11/10



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LAB. REF.:
 402/10
 FILE:
 650463.003

Location: Richmond, Christchurch Job Name: TonTCCHRemLab
 Material: Fine sandy SILT, grey, moist.
 Sample Number: BH-RCH-02-PSD WS-2.1 Depth: 2.1m
 Sample History: Natural/Air-dried/Oven-Dried/Unknown Whole Soil/Fraction passing.....mm sieve



Sieve Aperture (mm)	Cumulative % Passing
200.0	100
150.0	100
100.0	100
75.0	100
63.0	100
37.5	100
26.5	100
19.0	100
13.2	100

Sieve Aperture (mm)	Cumulative % Passing
9.5	100
4.75	100
2.36	100
1.18	100
0.60	100
0.425	100
0.30	99
0.15	98
0.063	73

SPECIFICATION: N/A

Note: For Wet Sieve, the percentage passing the < 0.063mm was obtained by Difference ~~Weight~~.

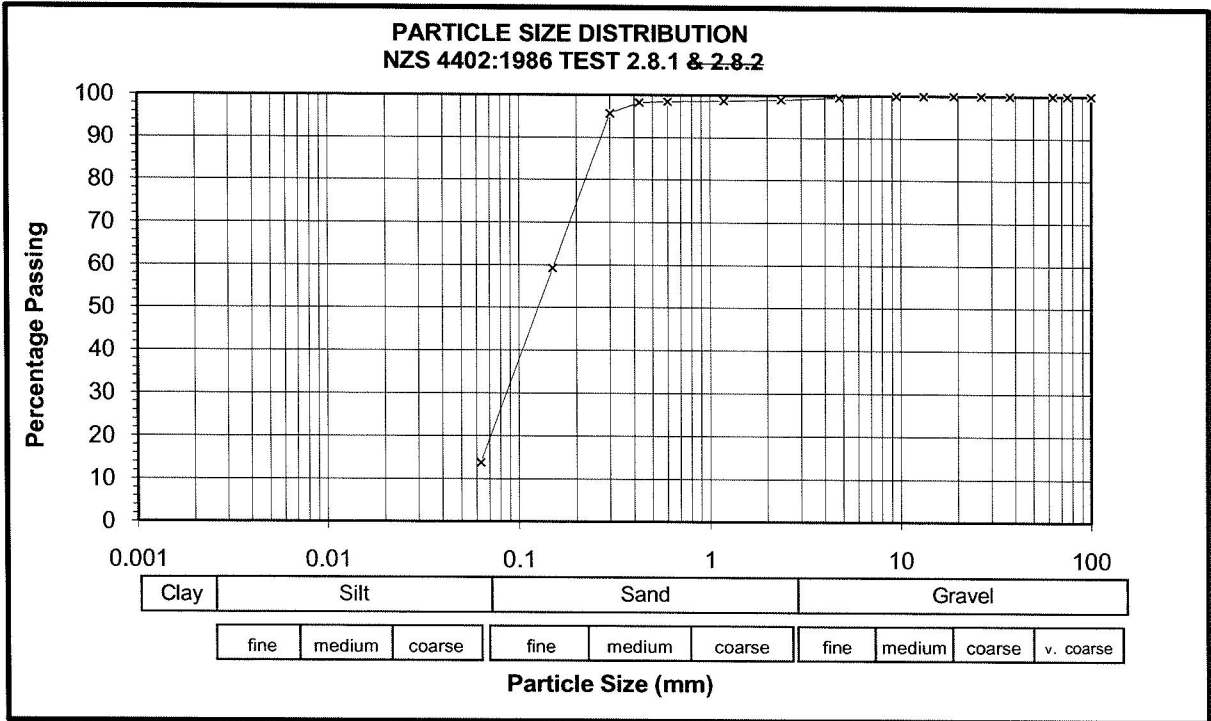
Tested:	RTH	Date:	24/11/10
Calculated:	RTH	Date:	24/11/10
Checked:	<i>RM</i>	Date:	26/11/10



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LAB. REF.:
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 FILE:
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Location: Richmond, Christchurch Job Name: TonTCCHRemLab
 Material: Fine to medium SAND, grey, moist.
 Sample Number: BH-RCH-02-PSD WS-4.4 Depth: 4.4m
 Sample History: Natural Air-dried/Oven-Dried/Unknown Whole Soil/Fraction passing.....mm sieve



Sieve Aperture (mm)	Cumulative % Passing
200.0	100
150.0	100
100.0	100
75.0	100
63.0	100
37.5	100
26.5	100
19.0	100
13.2	100

Sieve Aperture (mm)	Cumulative % Passing
9.5	100
4.75	99
2.36	99
1.18	99
0.60	98
0.425	98
0.30	96
0.15	59
0.063	14

SPECIFICATION: N/A

Note: For Wet Sieve, the percentage passing the < 0.063mm was obtained by Difference /Weight.

Tested:	RTH	Date:	24/11/10
Calculated:	RTH	Date:	24/11/10
Checked:	<i>RTH</i>	Date:	26/11/10

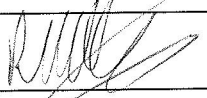


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LAB REF: 401/10
JOB NO: 650463.003

CHRISTCHURCH REMEDIATION	
LABORATORY TEST RESULTS	
LOCATION: SPENCERVILLE	BOREHOLE: BH-SPE-01

SAMPLE NO.	TEST RESULTS		
	PSD	FINES CONTENT %	WATER CONTENT %
FC-1.4	N/A	1.31	20.7
PSD WS-3.7	GRAPH ATTACHED	1.79	14.2
FC-5.3	N/A	1.15	13.6
FC-5.6	N/A	66.33	29.7
FC-7.0	N/A	10.74	15.1
FC-8.0	N/A	2.24	12.4
PSD WS-10	GRAPH ATTACHED	7.27	17.6
FC-11	N/A	10.26	15.9
FC-12.4	N/A	19.26	16.4
FC-13.3	N/A	6.39	19.6
FC-14.9	N/A	7.11	20.2

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DATE:	26/11/10



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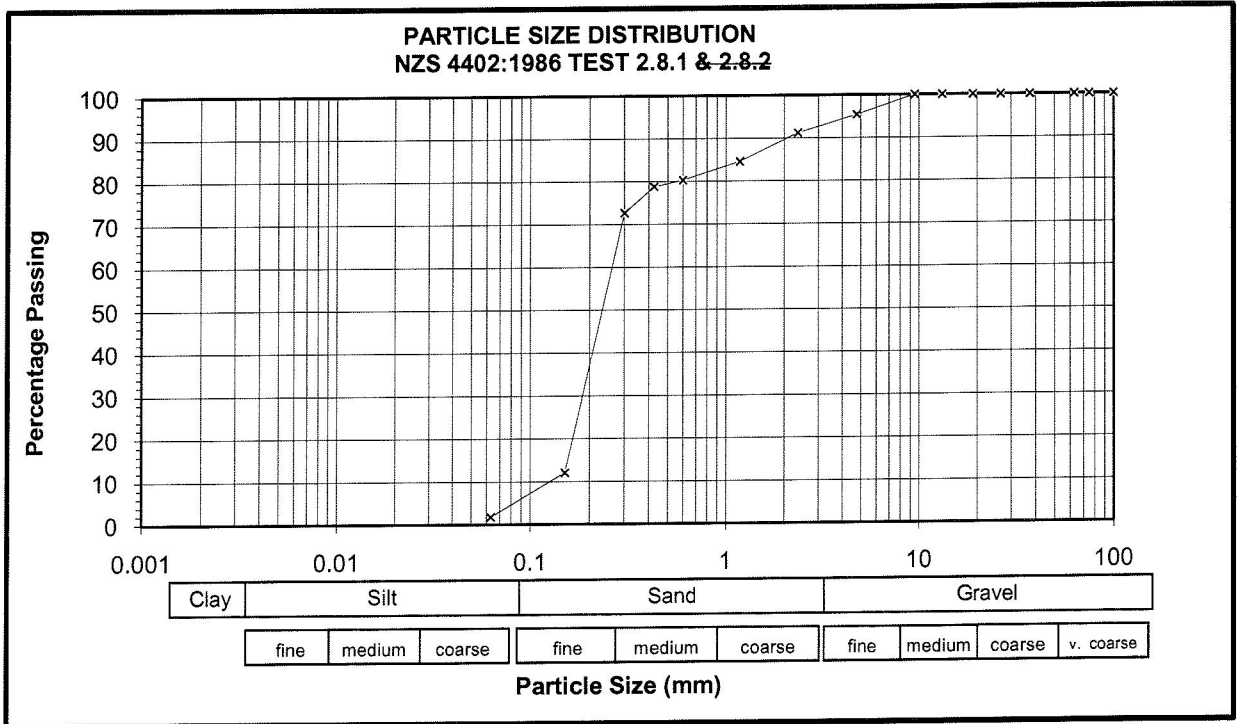
FILE: 650463.003

Location: Spencerville, Christchurch Job Name: TonTCCHRemLab

Material: Fine to medium SAND, bluish grey, moist, poorly graded

Sample Number: BH-SPE-01-PSD WS-3.7 Depth: 3.7m

Sample History: Natural/Air-dried/Oven-Dried/Unknown: Whole Soil/Fraction passing.....mm sieve



Sieve Aperture (mm)	Cumulative % Passing
200.0	100
150.0	100
100.0	100
75.0	100
63.0	100
37.5	100
26.5	100
19.0	100
13.2	100

Sieve Aperture (mm)	Cumulative % Passing
9.5	100
4.75	95
2.36	91
1.18	85
0.60	80
0.425	79
0.30	73
0.15	12
0.063	2

SPECIFICATION: N/A

Note: For Wet Sieve, the percentage passing the < 0.063mm was obtained by Difference AWeight.

Tested:	RTH	Date:	21/11/10
Calculated:	RTH	Date:	21/11/10
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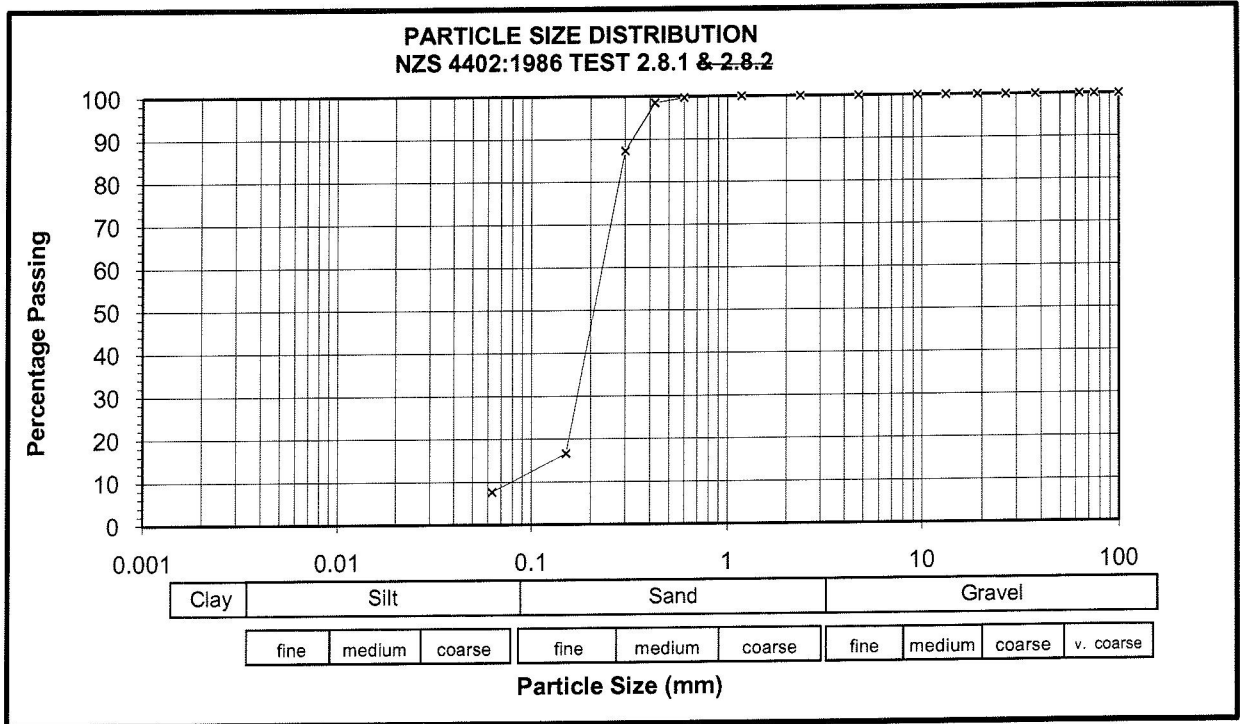
FILE: 650463.003

Location: Spencerville, Christchurch Job Name: TonTCCHRemLab

Material: Fine SAND, grey, moist, well graded

Sample Number: BH-SPE-01-FC WS-10 Depth: 10m

Sample History: Natural/Air-dried/Oven-Dried/Unknown Whole Soil/Fraction passing.....mm sieve



Sieve Aperture (mm)	Cumulative % Passing
200.0	100
150.0	100
100.0	100
75.0	100
63.0	100
37.5	100
26.5	100
19.0	100
13.2	100

Sieve Aperture (mm)	Cumulative % Passing
9.5	100
4.75	100
2.36	100
1.18	100
0.60	100
0.425	99
0.30	87
0.15	17
0.063	8

SPECIFICATION: N/A

Note: For Wet Sieve, the percentage passing the < 0.063mm was obtained by Difference /Weight.

Tested:	RTH	Date:	21/11/10
Calculated:	RTH	Date:	21/11/10
Checked:	<i>RTH</i>	Date:	26/11/10




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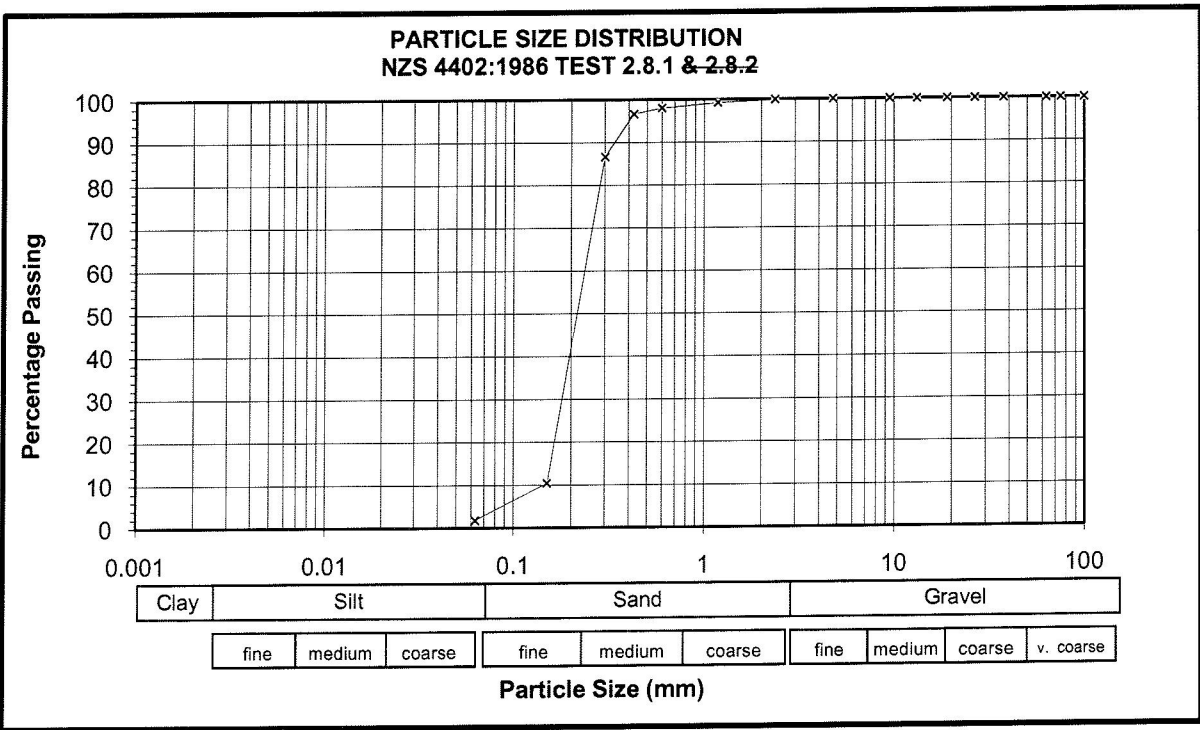
CHRISTCHURCH REMEDIATION	
LABORATORY TEST RESULTS	
LOCATION: SPENCERVILLE	BOREHOLE: BH-SPE-02

SAMPLE NO	TEST RESULTS		
	PSD	FINES CONTENT %	WATER CONTENT %
FC-1	N/A	1.42	17.3
FC-2.1	N/A	1.65	19.7
PSD WS-2.45	GRAPH ATTACHED	1.94	16.1
FC-3.75	N/A	3.66	16.0
FC-5.4	N/A	3.91	18.2
FC-5.8	GRAPH ATTACHED	1.41	19.5
FC-6.9	N/A	1.91	20.9
FC-8	N/A	9.97	17.1
FC-8.3	N/A	75.15	39.1
FC-9.2	N/A	4.40	23.2

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		FILE: 650463.003

Location: Spencerville, Christchurch	Job Name: TonTCCHRemLab
Material: Fine to medium SAND, grey, moist	
Sample Number: BH-SPE-02-PSD WS-2.45	Depth: 2.45m
Sample History: Natural/Air-dried/Oven-Dried/Unknown. Whole Soil/Fraction passing.....mm sieve	



Sieve Aperture (mm)	Cumulative % Passing
200.0	100
150.0	100
100.0	100
75.0	100
63.0	100
37.5	100
26.5	100
19.0	100
13.2	100

Sieve Aperture (mm)	Cumulative % Passing
9.5	100
4.75	100
2.36	100
1.18	99
0.60	98
0.425	97
0.30	87
0.15	10
0.063	2

SPECIFICATION: N/A

Note: For Wet Sieve, the percentage passing the < 0.063mm was obtained by Difference /Weight.

Tested: RTH	Date: 21/11/10
Calculated: RTH	Date: 21/11/10
Checked: <i>RTH</i>	Date: 26/11/10



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LAB. REF.:

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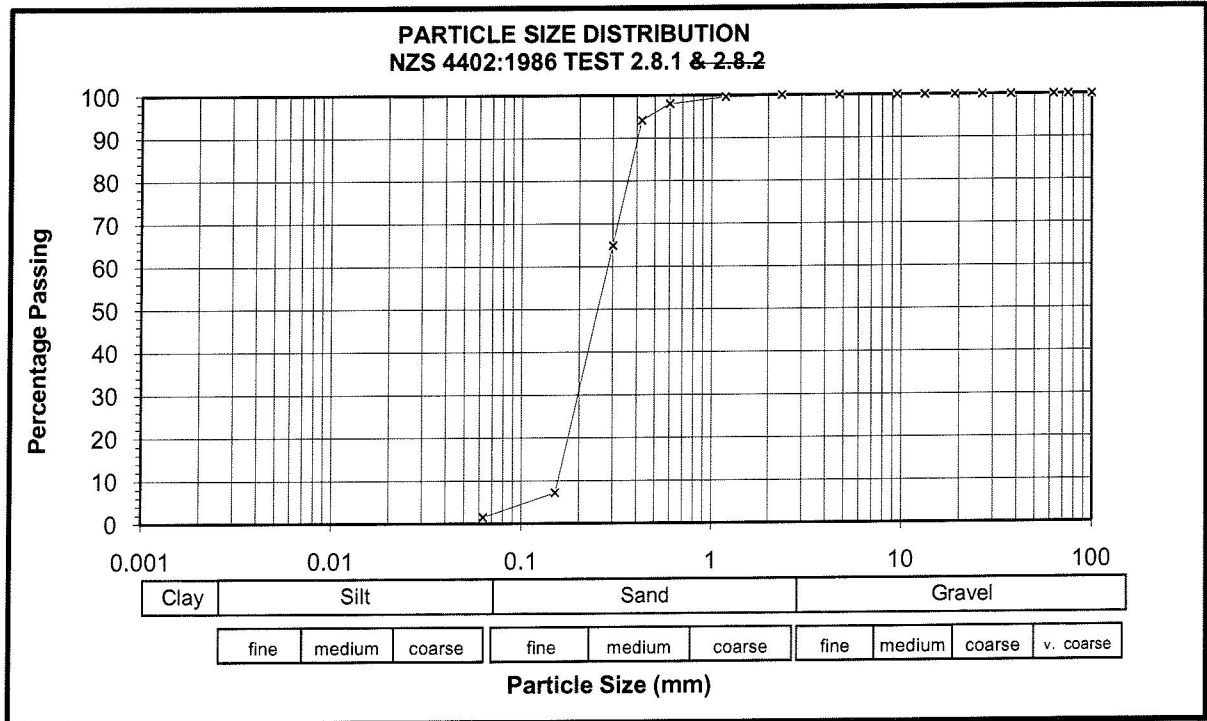
650463.003

Location: Spencerville, Christchurch Job Name: TonTCCHRemLab

Material: Fine to medium SAND, grey, moist

Sample Number: BH-SPE-02-PSD WS-5.8 Depth: 5.8m

Sample History: Natural/Air-dried/Oven-Dried/Unknown. Whole Soil/Fraction passing.....mm sieve



Sieve Aperture (mm)	Cumulative % Passing
200.0	100
150.0	100
100.0	100
75.0	100
63.0	100
37.5	100
26.5	100
19.0	100
13.2	100

Sieve Aperture (mm)	Cumulative % Passing
9.5	100
4.75	100
2.36	100
1.18	100
0.60	98
0.425	94
0.30	65
0.15	7
0.063	1

SPECIFICATION: N/A

Note: For Wet Sieve, the percentage passing the < 0.063mm was obtained by Difference /Weight.

Tested:	RTH	Date:	21/11/10
Calculated:	RTH	Date:	21/11/10
Checked:	<i>RTH</i>	Date:	26/11/10