

## MOISTURE CONTENT TEST RESULTS

Project: Altura Environmental Consulting - Soil Testing  
 Project No.: W14101208  
 Client: Altura Environmental Consulting  
 ATTN: Diane Lister

Sample No.: TP01  
 Date Tested: 10/7/2008  
 Tested By: RC  
 Page: 1 of 1

B.H. Number	Sample Number (depth)	Tare Number	Tare Mass (g)	Mass of Wet Soil & Tare (g)	Mass of Dry Soil & Tare (g)	Moisture Content (%)	Visual Description of Soil EBA Work Method WM4400
L01-1	BASE MC					11.1	
L01-2	MC-1					10.0	
L01-3	MC-2					8.5	
L02-1	BASE MC					10.7	
L02-2	MC-1					9.2	
L02-3	MC-2					9.4	
TP01-1	0.15 m					8.3	
TP01-2	0.45 m					10.3	
TP01-3	1.0 m					6.5	
TP04-1	0.2 m					5.3	
TP04-2	0.7 m					9.7	
TP04-3	1.7 m					8.9	
TP10-1	1.0 m					13.0	
TP14-1	0.2 m					7.9	
TP14-2	0.8 m					9.5	
TP14-3	1.8 m					8.9	

Tested in accordance with ASTM standard D2216, subject to review.  
 issued for internal use

  
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 Consultants Ltd.



## PARTICLE SIZE DISTRIBUTION

ASTM C136 & D422

Project: **Mt. Nansen Waste Rock**

Project Number: W14101208

Date Tested: 10/7/2008

Tespit Number: TP01

Depth: 1.0 - 2.0 m

Soil Description: GRAVEL - sandy, trace to some silt

Cu: \_\_\_\_\_

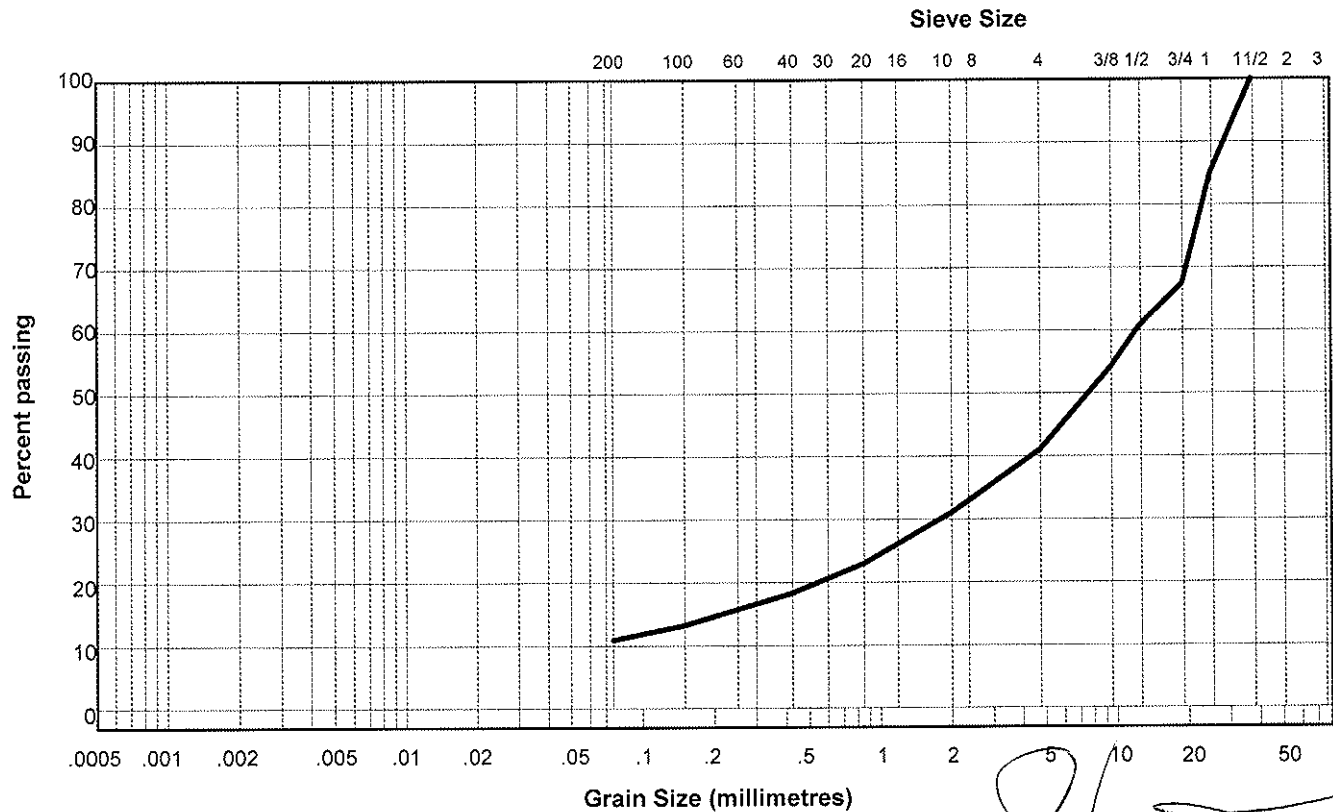
Cc: \_\_\_\_\_

Natural Moisture Content: 8.1%

Remarks: \_\_\_\_\_

Sieve Size	Percent Passing
50.000	#N/A
37.500	100
25.000	85
19.000	67
12.500	61
9.500	54
4.750	41
2.000	31
0.850	23
0.425	18
0.250	16
0.150	13
0.075	10.9

Clay	Silt	Sand			Gravel	
		Fine	Medium	Coarse	Fine	Coarse



Reviewed By: \_\_\_\_\_

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# PARTICLE SIZE DISTRIBUTION

ASTM C136 & D422

Project: **Mt. Nansen Waste Rock**

Project Number: W14101208

Date Tested: 10/7/2008

Tespit Number: TP04

Depth: 1.6 - 1.8 m

Soil Description: GRAVEL - sandy, trace silt

Cu: 172.6

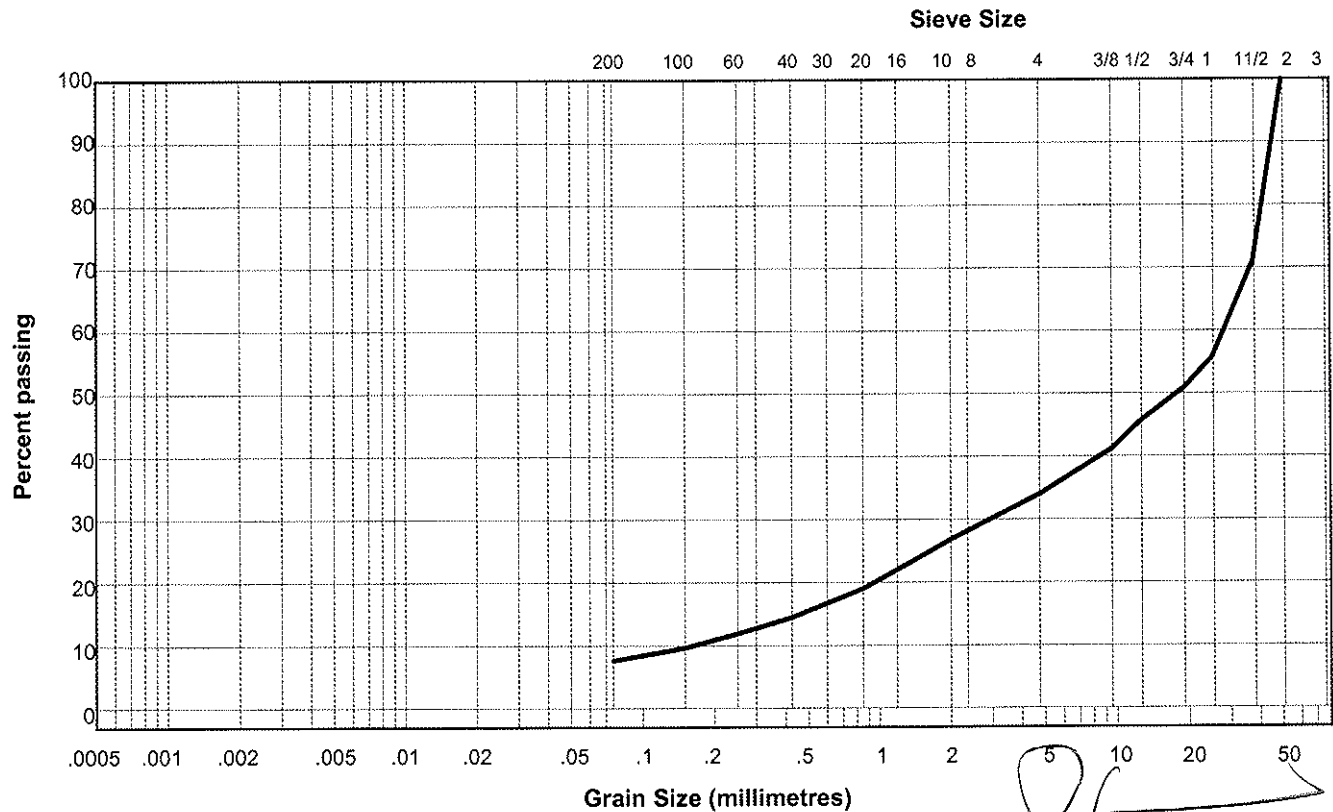
Cc: 1.9

Natural Moisture Content: 6.3%

Remarks:

Sieve Size	Percent Passing
50.000	100
37.500	71
25.000	56
19.000	51
12.500	46
9.500	41
4.750	34
2.000	27
0.850	19
0.425	14
0.250	12
0.150	10
0.075	7.6

Clay	Silt	Sand			Gravel	
		Fine	Medium	Coarse	Fine	Coarse



Reviewed By: *[Signature]*

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## PARTICLE SIZE DISTRIBUTION

ASTM C136 & D422

Project: **Mt. Nansen Waste Rock**

Project Number: W14101208

Date Tested: 10/7/2008

Tespit Number: TP14

Depth: 0.8 - 1.0 m

Soil Description: GRAVEL - snady, trace silt

Cu: 111.0

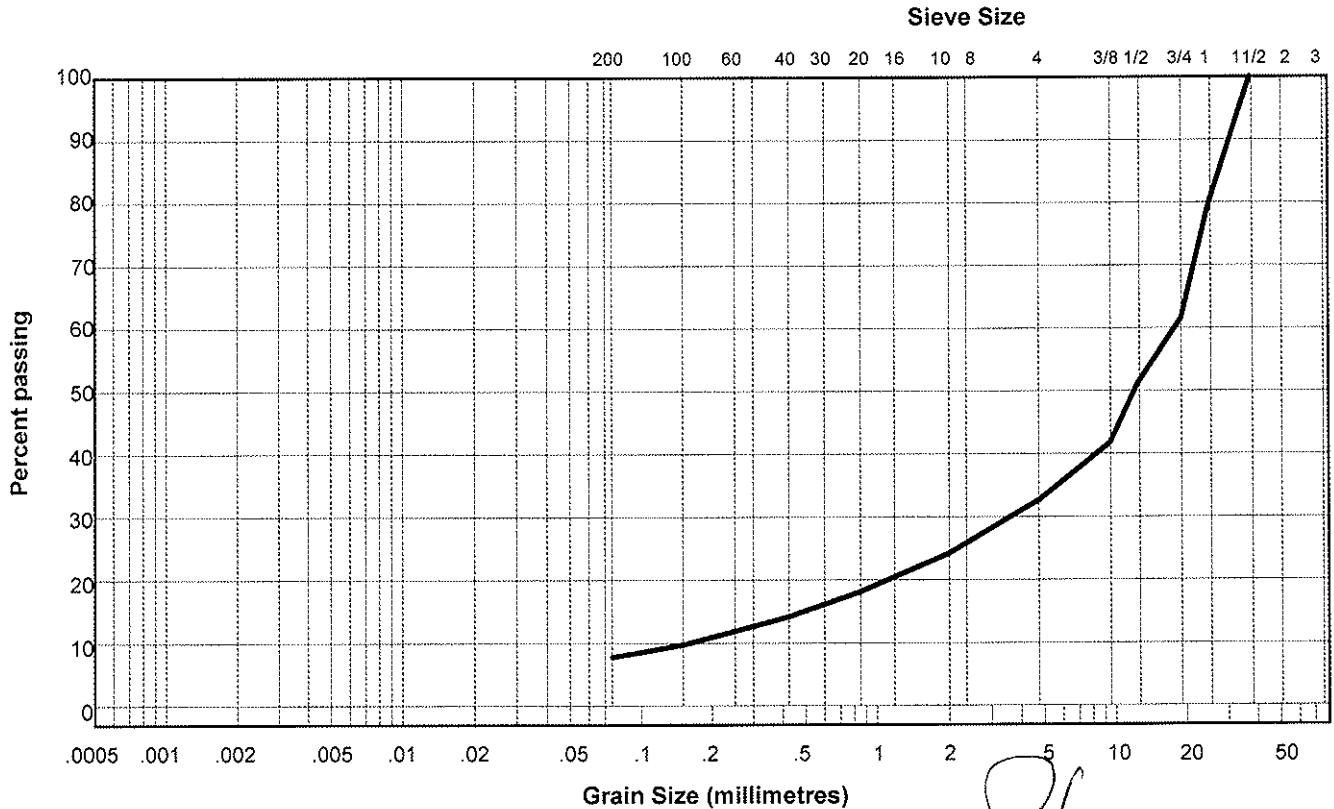
Cc: 4.6

Natural Moisture Content: 7.1%

Remarks: \_\_\_\_\_

Sieve Size	Percent Passing
50.000	#N/A
37.500	100
25.000	80
19.000	62
12.500	51
9.500	42
4.750	33
2.000	24
0.850	18
0.425	14
0.250	12
0.150	10
0.075	7.8

Clay	Silt	Sand			Gravel	
		Fine	Medium	Coarse	Fine	Coarse



Reviewed By: *[Signature]*

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## PARTICLE SIZE DISTRIBUTION

ASTM C136 & D422

Project: **Mt. Nansen Waste Rock**

Project Number: W14101208

Date Tested: 10/7/2008

Testpit Number: L1-1GS

Depth: 0

Soil Description: GRAVEL AND SAND - some silt

Cu: \_\_\_\_\_

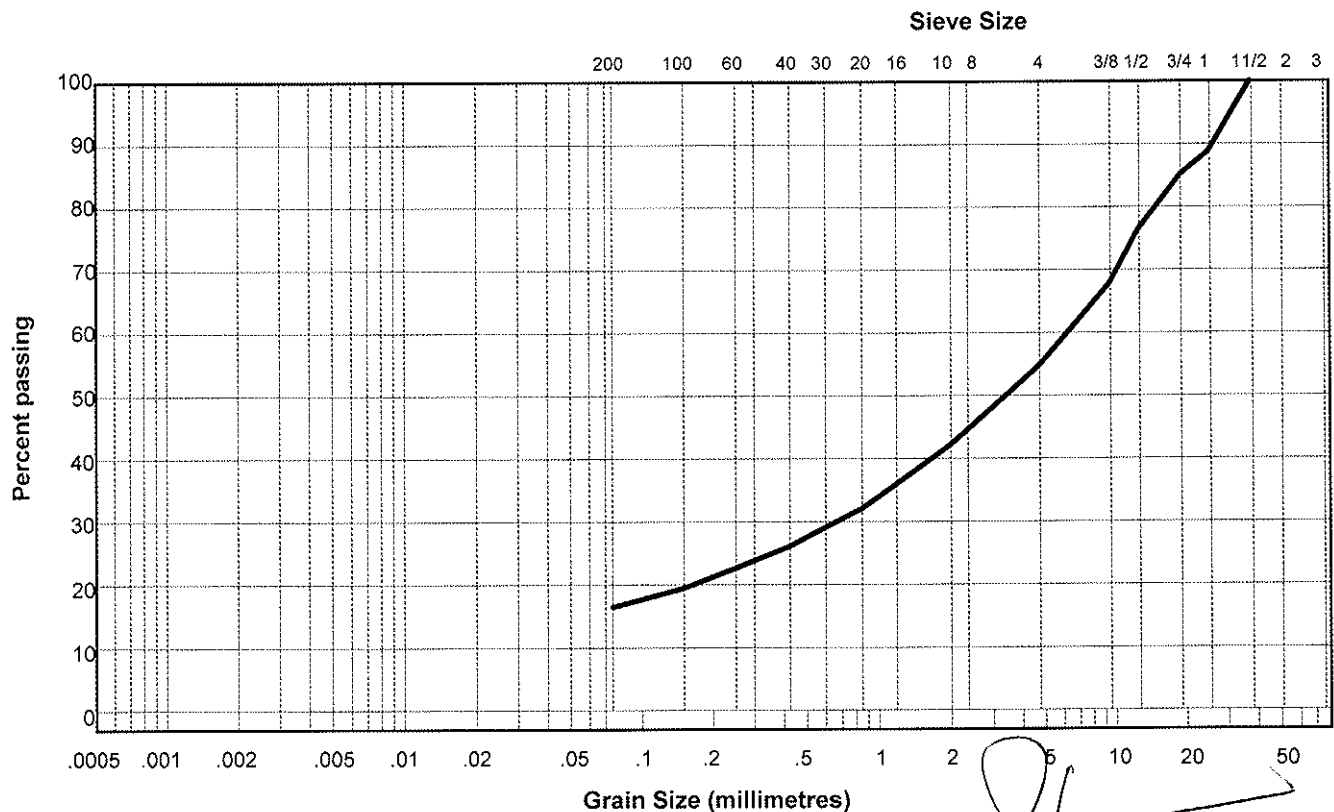
Cc: \_\_\_\_\_

Natural Moisture Content: 8.3%

Remarks: \_\_\_\_\_

Sieve Size	Percent Passing
50.000	#N/A
37.500	100
25.000	89
19.000	85
12.500	76
9.500	68
4.750	55
2.000	42
0.850	32
0.425	26
0.250	23
0.150	19
0.075	16.4

Clay	Silt	Sand			Gravel	
		Fine	Medium	Coarse	Fine	Coarse



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## PARTICLE SIZE DISTRIBUTION

ASTM C136 & D422

Project: **Mt. Nansen Waste Rock**

Project Number: **W14101208**

Date Tested: **10/7/2008**

Tespit Number: **L1-2GS**

Depth: **0**

Soil Description: **SAND AND GRAVEL - some silt**

Cu: \_\_\_\_\_

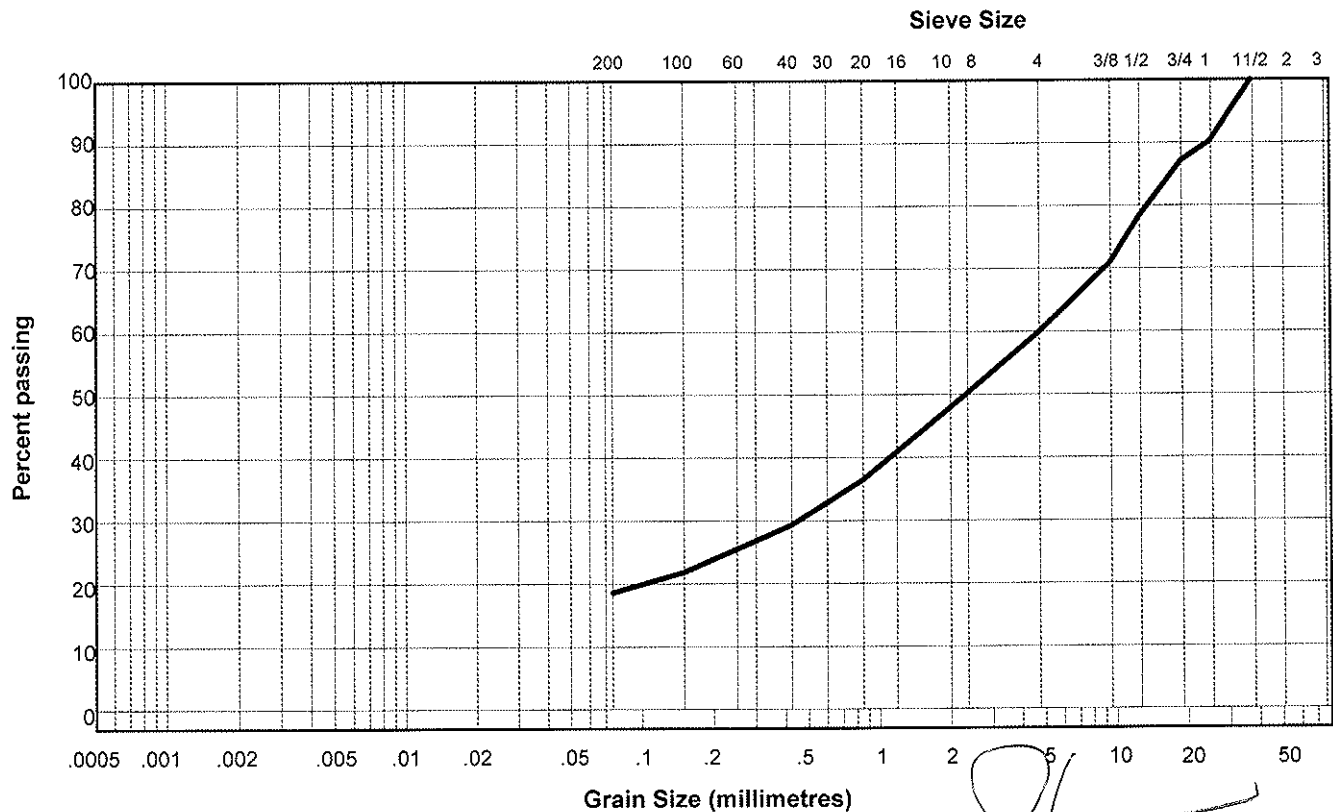
Cc: \_\_\_\_\_

Natural Moisture Content: **8.6%**

Remarks: \_\_\_\_\_

Sieve Size	Percent Passing
50.000	#N/A
37.500	100
25.000	90
19.000	87
12.500	78
9.500	71
4.750	60
2.000	48
0.850	37
0.425	29
0.250	25
0.150	22
0.075	18.6

Clay	Silt	Sand			Gravel	
		Fine	Medium	Coarse	Fine	Coarse



Reviewed By: \_\_\_\_\_

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## PARTICLE SIZE DISTRIBUTION

ASTM C136 & D422

Project: **Mt. Nansen Waste Rock**

Project Number: W14101208

Date Tested: 10/7/2008

Tespit Number: L2-1GS

Depth: 0

Soil Description: GRAVEL AND SAND - some silt

Cu: \_\_\_\_\_

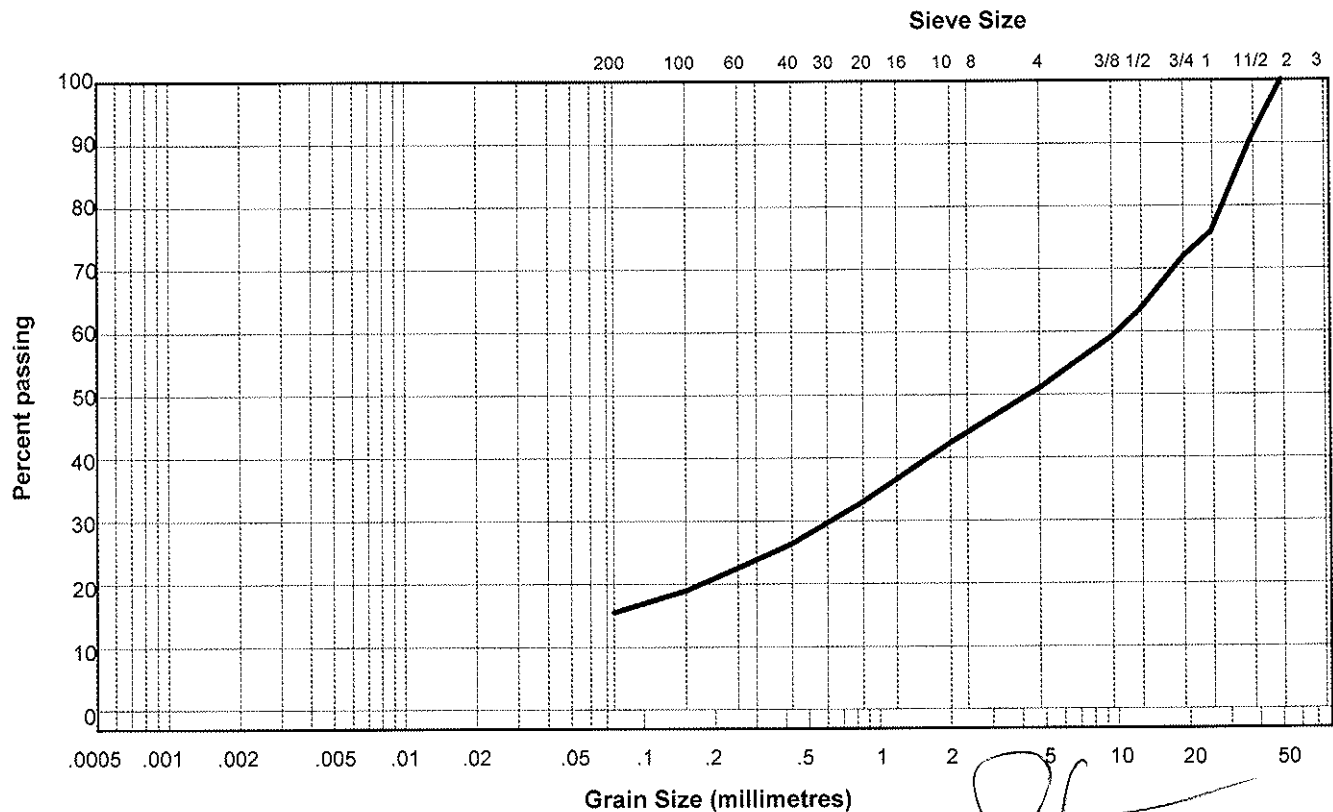
Cc: \_\_\_\_\_

Natural Moisture Content: 8.1%

Remarks: \_\_\_\_\_

Sieve Size	Percent Passing
50.000	100
37.500	91
25.000	76
19.000	72
12.500	64
9.500	59
4.750	51
2.000	42
0.850	33
0.425	26
0.250	23
0.150	19
0.075	15.5

Clay	Silt	Sand			Gravel	
		Fine	Medium	Coarse	Fine	Coarse



Reviewed By: \_\_\_\_\_

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## PARTICLE SIZE DISTRIBUTION

ASTM C136 & D422

Sieve Size	Percent Passing
50.000	100
37.500	87
25.000	81
19.000	71
12.500	65
9.500	60
4.750	52
2.000	43
0.850	34
0.425	27
0.250	24
0.150	20
0.075	16.3

Project: Mt. Nansen Waste Rock

Project Number: W14101208

Date Tested: 10/7/2008

Tespit Number: L2-2GS

Depth: 0

Soil Description: GRAVEL AND SAND - some silt

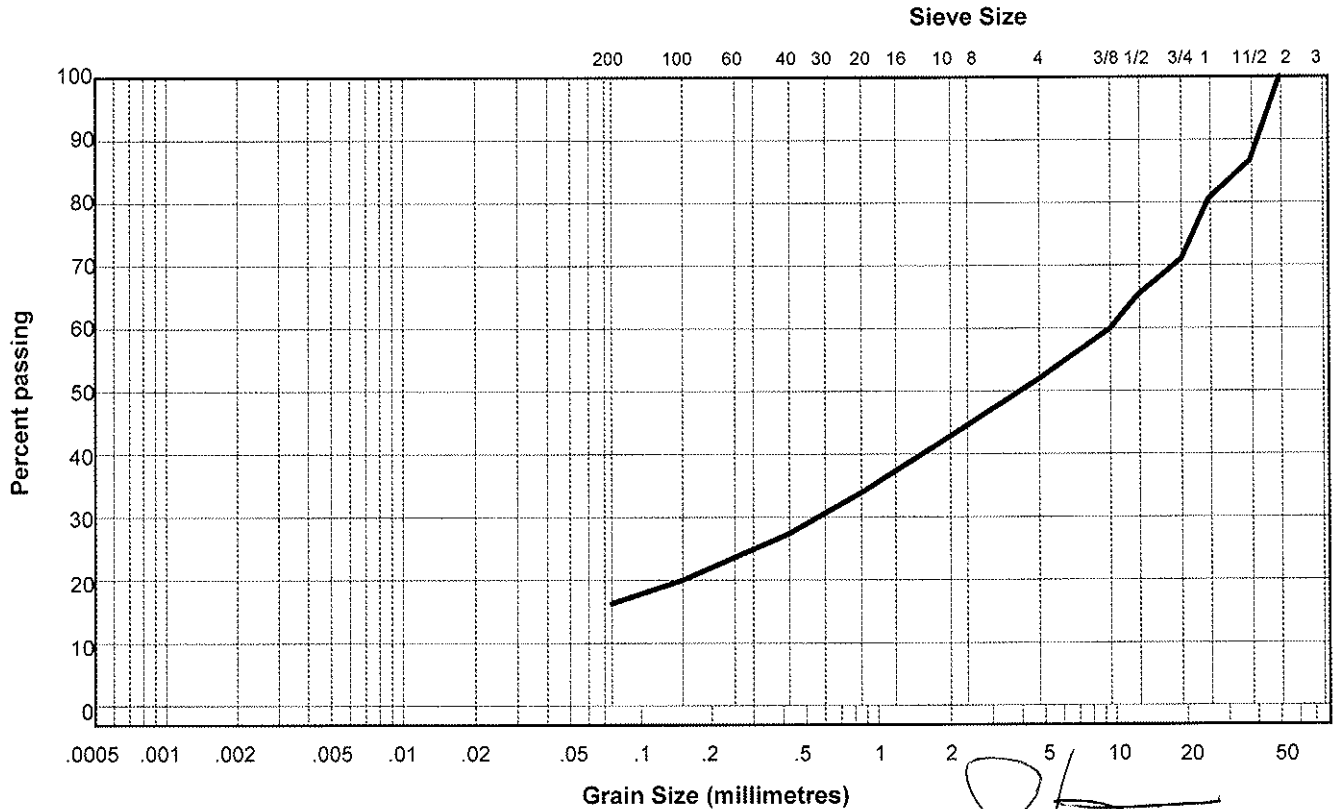
Cu: \_\_\_\_\_

Cc: \_\_\_\_\_

Natural Moisture Content: 8.1%

Remarks: \_\_\_\_\_

Clay	Silt	Sand			Gravel	
		Fine	Medium	Coarse	Fine	Coarse



Reviewed By: \_\_\_\_\_

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