Log of Borehole L3

Trow

Project No: OTGE00019838B

Project: Geotechnical Investigation, Liquid and Solid Waste Management Facility

Location: Hamlet of Igloolik, Nunavut

Figure No. 4

Page. 1 of 1

Date Drilled: 'October 5th, 2009

Drill Type:

Datum: Estimated Elevation from Contour Lines (Approx)

Logged by: _____ Checked by: _____

Split Spoon Sample	⊠	Combustible Vapour Reading	□
Auger Sample	▯▮	Natural Moisture Content	×
SPT (N) Value	○	Atterberg Limits	⊢—○
Dynamic Cone Test	——	Undrained Triaxial at % Strain at Failure	⊕
Shelby Tube	■	Shear Strength by Penetrometer Test	▲
Shear Strength by Vane Test	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	Depth
		TOPSOIL AND SILTY SAND Some fine gravel, black (frozen)	22.5	0
			21.9	
		SILTY SAND Fine to medium gravel, occasional cobbles, grey to brown		1
			20.4	2
		POSSIBLE WEATHERED SILTSTONE BEDROCK Grey	20.2	
		Terminated @ 2.3 m depth		

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % Atterberg Limits (% Dry Weight): 20 40 60

130

192

SAMPLES: 23.3 Run 1

Natural Unit Wt. kN/m³

NOTES:
1. Borehole/Test Pit data requires interpretation by Trow before use by others
2. Borehole backfilled upon completion of drilling
3. Field work supervised by a Trow representative
4. See Notes on Sample Descriptions
5. This Figure is to read with Trow Associates Inc. report OTGE00019838B

WATER LEVEL RECORDS

Elapsed Time	Water Level (m)	Hole Open To (m)

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %
1	2.11 - 2.29	86	

LOG OF BOREHOLE BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 3/10/10

Log of Borehole L4

Trow

Project No: OTGE00019838B

Project: Geotechnical Investigation, Liquid and Solid Waste Management Facility

Location: Hamlet of Igloolik, Nunavut

Figure No. 5

Page. 1 of 1

Date Drilled: 'October 1st, 2009

Drill Type:

Datum: Estimated Elevation from Contour Lines (Approx)

Logged by: _____ Checked by: _____

Split Spoon Sample ⊠ | Auger Sample ◧ | SPT (N) Value ○ | Dynamic Cone Test ——— | Shelby Tube ■ | Shear Strength by Vane Test +S

Combustible Vapour Reading □ | Natural Moisture Content × | Atterberg Limits ⊢—⊖ | Undrained Triaxial at % Strain at Failure ⊕ | Shear Strength by Penetrometer Test ▲

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	Depth
		TUNDRA AND SANDY SILT Organic, drak grey	22.8	0
		SANDY SILT TILL Some gravel, thin siltstone seams, grey - Frozen below 1.2 m depth	22.2	1
		WEATHERED SILTSTONE BEDROCK Sound siltstone seams, grey to yellow brown	20.6	2
		Terminated @ 2.9 m depth	19.9	

Standard Penetration Test N Value: 20 40 60 80

Shear Strength: 50 100 150 200 kPa

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 20 40 60

SAMPLES

Natural Unit Wt. kN/m³

3 ○ | 18 ○ | × | 110 ○

24.2

26.0

Run 1

Run 2

Run 3

NOTES:
1. Borehole/Test Pit data requires Interpretation by Trow before use by others
2. Borehole backfilled upon completion of drilling
3. Field work supervised by a Trow representative
4. See Notes on Sample Descriptions
5. This Figure is to read with Trow Associates Inc. report OTGE00019838B

WATER LEVEL RECORDS

Elapsed Time	Water Level (m)	Hole Open To (m)

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %
1	2.18 - 2.36	83	
2	2.36 - 2.72	50	
3	2.72 - 2.87	100	

LOG OF BOREHOLE BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 3/10/10

Log of Borehole L5

Trow

Project No: OTGE00019838B

Project: Geotechnical Investigation, Liquid and Solid Waste Management Facility

Location: Hamlet of Igloolik, Nunavut

Figure No. 6

Page. 1 of 1

Date Drilled: 'November 4th, 2009

Drill Type:

Datum: Estimated Elevation from Contour Lines (Approx)

Logged by: _____ Checked by: _____

Split Spoon Sample	⊠	Combustible Vapour Reading	□
Auger Sample	◧	Natural Moisture Content	×
SPT (N) Value	○	Atterberg Limits	⊢—○
Dynamic Cone Test	——	Undrained Triaxial at % Strain at Failure	⊕
Shelby Tube	■	Shear Strength by Penetrometer Test	▲
Shear Strength by Vane Test	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	Depth	Standard Penetration Test N Value / Shear Strength kPa (20 40 60 80 / 50 100 150 200)	Combustible Vapour Reading (ppm) 250 500 750 / Natural Moisture Content % Atterberg Limits (% Dry Weight) 20 40 60	SAMPLES	Natural Unit Wt. kN/m³
		TOPSOIL 150 mm	20.7	0				
		SANDY SILT TO SILTY SAND TILL Some gravel, occasional cobbles and boulders, grey brown to golden brown (frozen)	20.6	1				
				2				
				3				
		WEATHERED SILTSTONE BEDROCK Grey to yellow brown (sound below 4 m depth)	17.6				Run 1	
				4				
		Terminated @ 4.2 m depth	16.5					

NOTES:
1. Borehole/Test Pit data requires Interpretation by Trow before use by others
2. Borehole backfilled upon completion of drilling
3. Field work supervised by a Trow representative
4. See Notes on Sample Descriptions
5. This Figure is to read with Trow Associates Inc. report OTGE00019838B

WATER LEVEL RECORDS

Elapsed Time	Water Level (m)	Hole Open To (m)

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %
1	3.13 - 4.24	100	

LOG OF BOREHOLE BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 3/10/10

Log of Borehole L6

Trow

Project No: OTGE00019838B

Project: Geotechnical Investigation, Liquid and Solid Waste Management Facility

Location: Hamlet of Igloolik, Nunavut

Figure No. 7

Page. 1 of 1

Date Drilled: September 30, 2009

Drill Type:

Datum: Estimated Elevation from Contour Lines (Approx)

Logged by: _____ Checked by: _____

Split Spoon Sample ☒ | Auger Sample ◧ | SPT (N) Value ○ | Dynamic Cone Test —— | Shelby Tube ■ | Shear Strength by Vane Test +S

Combustible Vapour Reading □ | Natural Moisture Content × | Atterberg Limits |—○ | Undrained Triaxial at % Strain at Failure ⊕ | Shear Strength by Penetrometer Test ▲

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	Depth
		SAND AND GRAVEL 250 mm frost at surface. fine to coarse, some silt, brown.	23.7	0
		SANDY SILT TILL Scattered gravel, slightly cohesive, grey — Frozen below 1.0 m depth	23.1	1
		SANDY SILT Occasional gravel, siltstone seams below 1.6 m depth, brown	22.3	
		Terminated @ 2.0 m depth	21.7	2

Standard Penetration Test N Value: 20 40 60 80; Shear Strength: 50 100 150 200 kPa

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % Atterberg Limits (% Dry Weight): 20 40 60

SAMPLES

Natural Unit Wt. kN/m³: 21.6

NOTES:
1. Borehole/Test Pit data requires Interpretation by Trow before use by others
2. Borehole backfilled upon completion of drilling
3. Field work supervised by a Trow representative
4. See Notes on Sample Descriptions
5. This Figure is to read with Trow Associates Inc. report OTGE00019838B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

LOG OF BOREHOLE BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 3/10/10

Log of Borehole L7

Trow

Project No: OTGE00019838B

Project: Geotechnical Investigation, Liquid and Solid Waste Management Facility

Location: Hamlet of Igloolik, Nunavut

Figure No. 8

Page. 1 of 1

Date Drilled: September 29, 2009

Drill Type:

Datum: Estimated Elevation from Contour Lines (Approx)

Logged by: _____ Checked by: _____

Split Spoon Sample ⊠ | Auger Sample ◧ | SPT (N) Value ○ | Dynamic Cone Test —— | Shelby Tube ■ | Shear Strength by Vane Test +S

Combustible Vapour Reading □ | Natural Moisture Content × | Atterberg Limits ⊢—○ | Undrained Triaxial at % Strain at Failure ⊕ | Shear Strength by Penetrometer Test ▲

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	Depth
		FILL Silty sand, some organics, occasional cobbles, light brown	22.8	0
			21.6	1
		SANDY SILT TILL Some sand and gravel, occasional cobbles and boulders, light grey - becoming clayey below 3.5 m depth. Frozen below 1.5 m depth.		2
			19.1	3
		SILTSTONE BEDROCK Weathered seams, light grey to brown	18.5	4
		Terminated @ 4.3 m depth		

Standard Penetration Test N Value: 20 40 60 80
Shear Strength: 50 100 150 200 kPa

Combustible Vapour Reading (ppm): 250 500 750
Natural Moisture Content % / Atterberg Limits (% Dry Weight): 20 40 60

3 (○)
6 (○)
110/250 mm (○)

SAMPLES

Natural Unit Wt. kN/m³: 24.8

Run 1

24.7

Run 2

NOTES:
1. Borehole/Test Pit data requires Interpretation by Trow before use by others
2. A thermister was installed in the Bottom of the borehole
3. Field work supervised by a Trow representative
4. See Notes on Sample Descriptions
5. This Figure is to read with Trow Associates Inc. report OTGE00019838B

WATER LEVEL RECORDS

Elapsed Time	Water Level (m)	Hole Open To (m)

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %
1	3.58 - 3.91	62	
2	3.91 - 4.27	86	

LOG OF BOREHOLE BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 3/10/10

Log of Borehole L8

Trow

Project No: OTGE00019838B

Project: Geotechnical Investigation, Liquid and Solid Waste Management Facility

Location: Hamlet of Igloolik, Nunavut

Figure No. 9

Page. 1 of 1

Date Drilled: September 30, 2009

Drill Type:

Datum: Estimated Elevation from Contour Lines (Approx)

Logged by: _____ Checked by: _____

Split Spoon Sample ⊠
Auger Sample ◧
SPT (N) Value ○
Dynamic Cone Test ——
Shelby Tube ■
Shear Strength by Vane Test +S

Combustible Vapour Reading □
Natural Moisture Content ×
Atterberg Limits ⊢—⊖
Undrained Triaxial at % Strain at Failure ⊕
Shear Strength by Penetrometer Test ▲

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	Depth
		GRAVEL Sandy and silty, occasional cobbles, brown	24.6	0
		SANDY SILT TILL Some gravel, siltstone seams or cobbles, yellow brown Frozen below 1.4 m depth	24.0	1
		SILTSTONE BEDROCK Grey to yellowish brown	21.8	2
		Terminated @ 3.5 m depth	21.1	3

Standard Penetration Test N Value: 20 40 60 80
Shear Strength: 50 100 150 200 kPa

Combustible Vapour Reading (ppm): 250 500 750
Natural Moisture Content % / Atterberg Limits (% Dry Weight): 20 40 60

128
160/50 mm

SAMPLES: Run 1, Run 2

Natural Unit Wt. kN/m³

NOTES:
1. Borehole/Test Pit data requires Interpretation by Trow before use by others
2. Borehole backfilled upon completion of drilling
3. Field work supervised by a Trow representative
4. See Notes on Sample Descriptions
5. This Figure is to read with Trow Associates Inc. report OTGE00019838B

WATER LEVEL RECORDS

Elapsed Time	Water Level (m)	Hole Open To (m)

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %
1	2.84 - 3.05	75	
2	3.05 - 3.45	81	

LOG OF BOREHOLE BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 3/10/10

Log of Borehole L9

Trow

Project No: OTGE00019838B

Project: Geotechnical Investigation, Liquid and Solid Waste Management Facility

Location: Hamlet of Igloolik, Nunavut

Figure No. 10

Page. 1 of 1

Date Drilled: November 3rd, 2009

Drill Type:

Datum: Estimated Elevation from Contour Lines (Approx)

Logged by: _____ Checked by: _____

Split Spoon Sample ⊠
Auger Sample ◧
SPT (N) Value ○
Dynamic Cone Test ——
Shelby Tube ■
Shear Strength by Vane Test +S

Combustible Vapour Reading □
Natural Moisture Content ×
Atterberg Limits ⊢—⊖
Undrained Triaxial at % Strain at Failure ⊕
Shear Strength by Penetrometer Test ▲

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	Depth
		SANDY SILT TO SILTY SAND TILL Trace to some gravel, occasional siltstone pieces, brown, moist to very moist (frozen)	22.6	0
		CLAYEY SILT Trace sand, golden brown, very moist	20.5	2
		SILTSTONE BEDROCK Weathered to sound, horizontally stratified, yellowish brown	19.6	3
		Terminated @4.7 m depth	17.9	4

Standard Penetration Test N Value: 20 40 60 80
Shear Strength: 50 100 150 200 kPa

Combustible Vapour Reading (ppm): 250 500 750
Natural Moisture Content % Atterberg Limits (% Dry Weight): 20 40 60

SAMPLES: Run 1, Run 2

Natural Unit Wt. kN/m³

LOG OF BOREHOLE BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 3/10/10

NOTES:
1. Borehole/Test Pit data requires Interpretation by Trow before use by others
2. Borehole backfilled upon completion of drilling
3. Field work supervised by a Trow representative
4. See Notes on Sample Descriptions
5. This Figure is to read with Trow Associates Inc. report OTGE00019838B

WATER LEVEL RECORDS

Elapsed Time	Water Level (m)	Hole Open To (m)

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %
1	3.18 - 4.17	54	
2	4.17 - 4.67	80	

Log of Borehole BH 1

Trow

Project No: OTGE00019838B

Project: Geotechnical Investigation, Liquid and Solid Waste Management Facility

Location: Hamlet of Igloolik, Nunavut

Figure No. 11

Page. 1 of 1

Date Drilled: October 2 2009

Drill Type:

Datum: Estimated Elevation from Contour Lines (Approx)

Logged by: _____ Checked by: _____

Split Spoon Sample	⊠	Combustible Vapour Reading	□
Auger Sample	◧	Natural Moisture Content	×
SPT (N) Value	○	Atterberg Limits	⊢○
Dynamic Cone Test	——	Undrained Triaxial at % Strain at Failure	⊕
Shelby Tube	■	Shear Strength by Penetrometer Test	▲
Shear Strength by Vane Test	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	Depth
		SAND AND GRAVEL. Silty, trace clay, fine to coarse, brown, moist. Frozen below 0.9 m depth	29.2	0
		CLAYEY SILT TILL Fine to medium gravel, brown, moist	28.0	1
		SANDY SILT Trace fine to medium gravel, yellowish brown.	27.2	2
		SILTSTONE BEDROCK Yellow brown	26.7	
		Terminated @ 2.8 m depth	26.4	

Standard Penetration Test N Value: 20, 40, 60, 80

Shear Strength: 50, 100, 150, 200 kPa

Combustible Vapour Reading (ppm): 250, 500, 750

Natural Moisture Content % Atterberg Limits (% Dry Weight): 20, 40, 60

SAMPLES: Run 1

Natural Unit Wt. kN/m³

NOTES:
1. Borehole/Test Pit data requires Interpretation by Trow before use by others
2. Borehole backfilled upon completion of drilling
3. Field work supervised by a Trow representative
4. See Notes on Sample Descriptions
5. This Figure is to read with Trow Associates Inc. report OTGE00019838B

WATER LEVEL RECORDS

Elapsed Time	Water Level (m)	Hole Open To (m)

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %
1	2.54 - 2.84	50	

LOG OF BOREHOLE BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 3/10/10

Log of Borehole BH 2

Trow

Project No: OTGE00019838B

Project: Geotechnical Investigation, Liquid and Solid Waste Management Facility

Location: Hamlet of Igloolik, Nunavut

Figure No. 12

Page. 1 of 1

Date Drilled: 'October 2 2009

Drill Type:

Datum: Estimated Elevation from Contour Lines (Approx)

Logged by: _____ Checked by: _____

Split Spoon Sample ⊠
Auger Sample ◧
SPT (N) Value ○
Dynamic Cone Test ——
Shelby Tube ■
Shear Strength by Vane Test + S

Combustible Vapour Reading □
Natural Moisture Content ×
Atterberg Limits |—○
Undrained Triaxial at % Strain at Failure ⊕
Shear Strength by Penetrometer Test ▲

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	Depth
		TUNDRA AND TOPSOIL~ Organic peaty fibres, black, moist	27.6	0
		CLAYEY SILT TILL Some sand, occasional gravel, grey brown, moist	27.1	
		- Frozen below 1.4 m Depth		1
				2
				3
			24.0	
		Terminated @ 3.6 m depth		

Standard Penetration Test N Value: 20 40 60 80
Shear Strength: 50 100 150 200 kPa
Combustible Vapour Reading (ppm): 250 500 750
Natural Moisture Content % Atterberg Limits (% Dry Weight): 20 40 60
SAMPLES
Natural Unit Wt. kN/m³

20
15
90

NOTES:
1. Borehole/Test Pit data requires interpretation by Trow before use by others
2. Borehole backfilled upon completion of drilling
3. Field work supervised by a Trow representative
4. See Notes on Sample Descriptions
5. This Figure is to read with Trow Associates Inc. report OTGE00019838B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

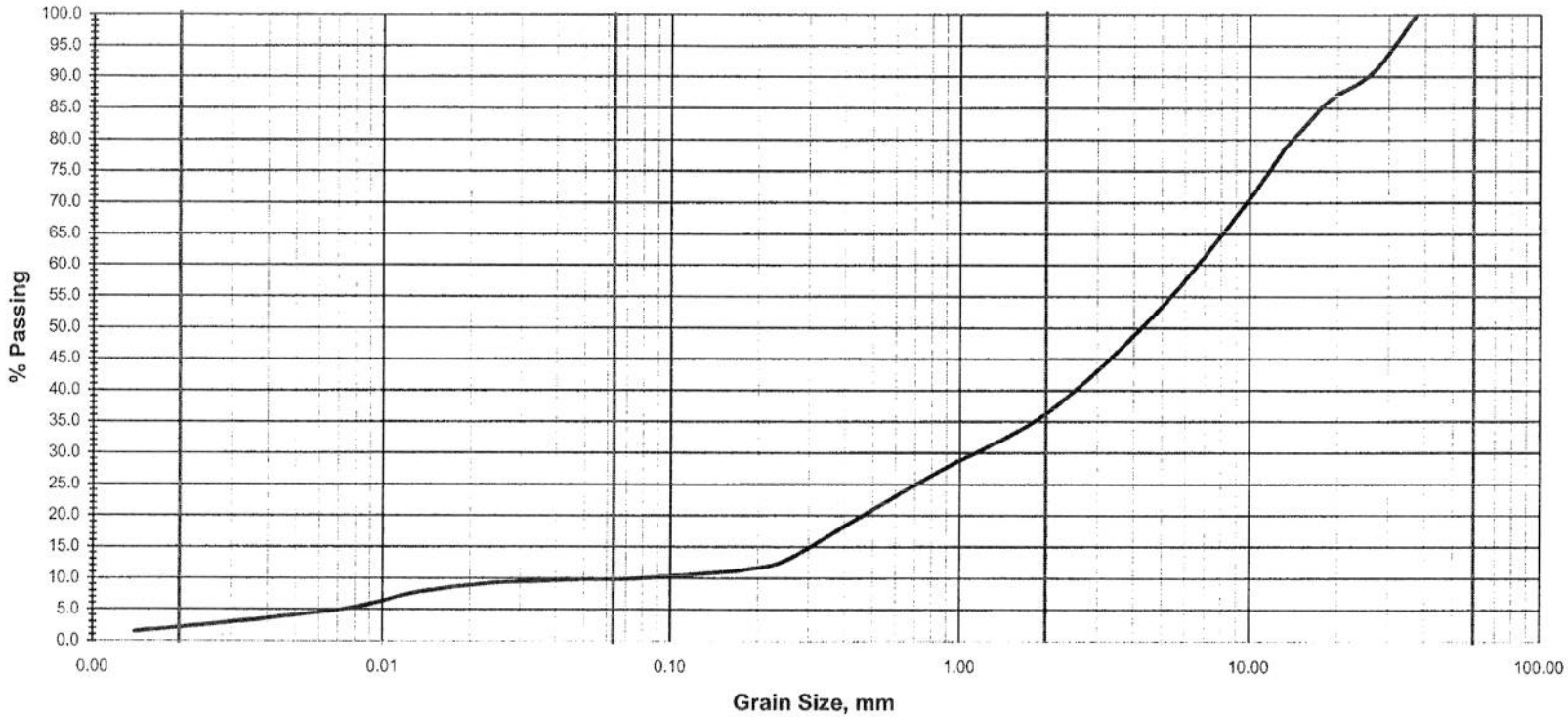
LOG OF BOREHOLE BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 3/10/10

Trow Associates Inc.
154 Colonnade Road South
Ottawa, ON K2E 7J5

Method of Test for Particle Size Analysis of Soil

MTO Test Method LS - 702, Rev. No. 19

Grain Size Distribution Curve



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	
	SILT			SAND			GRAVEL			
Modified M.I.T. Classification										

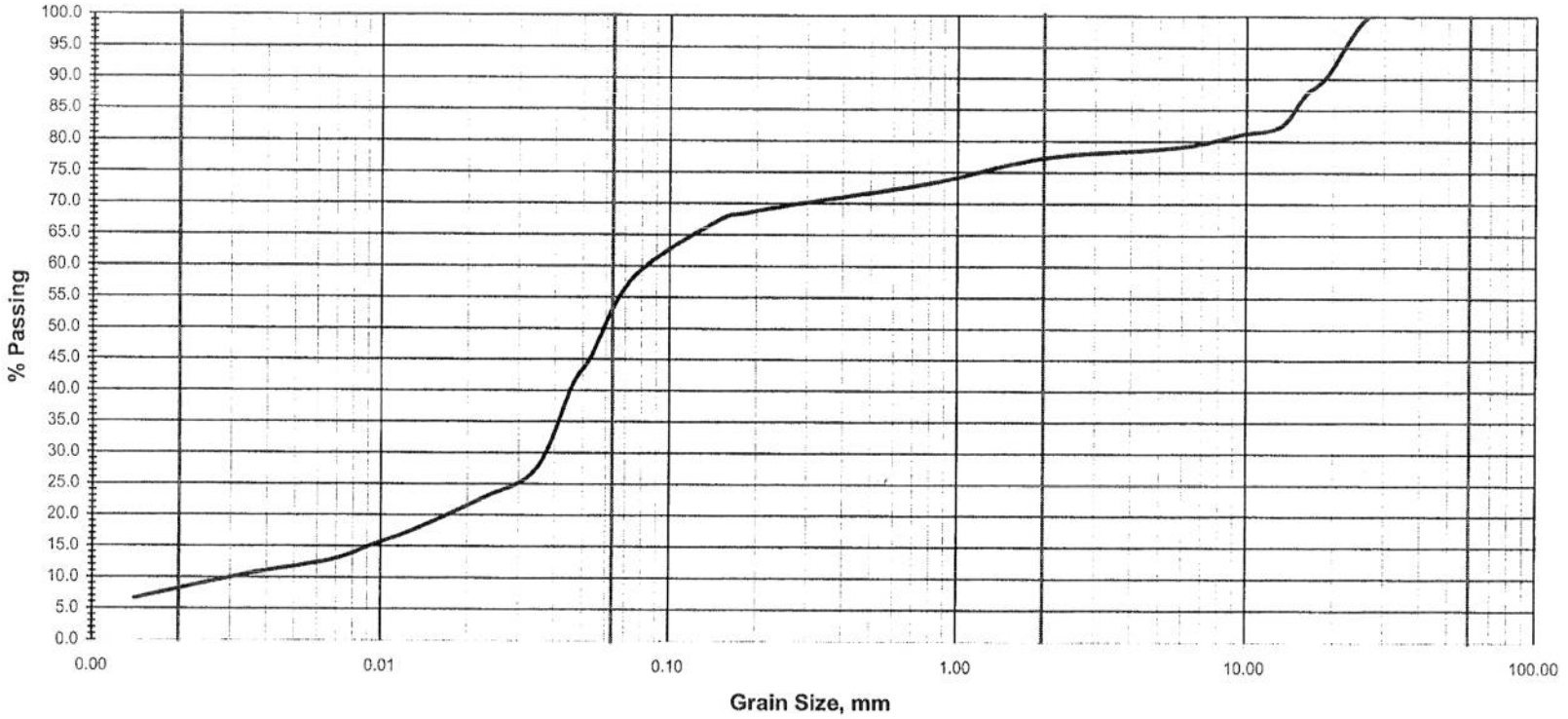
Trow Project No.:	OTGEO0019838B	Project Name :	Geotechnical Investigation Liquid and Solid Waste Management		
Client :	Government of Nunavut	Project Location :	Hamlet, Igloolik, Nunavut		
Date Sampled :	November 3, 2009	Borehole No.: BH L1	Sample No.: SS 2	Depth (m) :	0.6 to 1.2
Sample Description :	Sandy Gravel, trace Silt and Clay			Figure :	13

Trow Associates Inc.
154 Colonnade Road South
Ottawa, ON K2E 7J5

Method of Test for Particle Size Analysis of Soil

MTO Test Method LS - 702, Rev. No. 19

Grain Size Distribution Curve



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	
	SILT			SAND			GRAVEL			
Modified M.I.T. Classification										

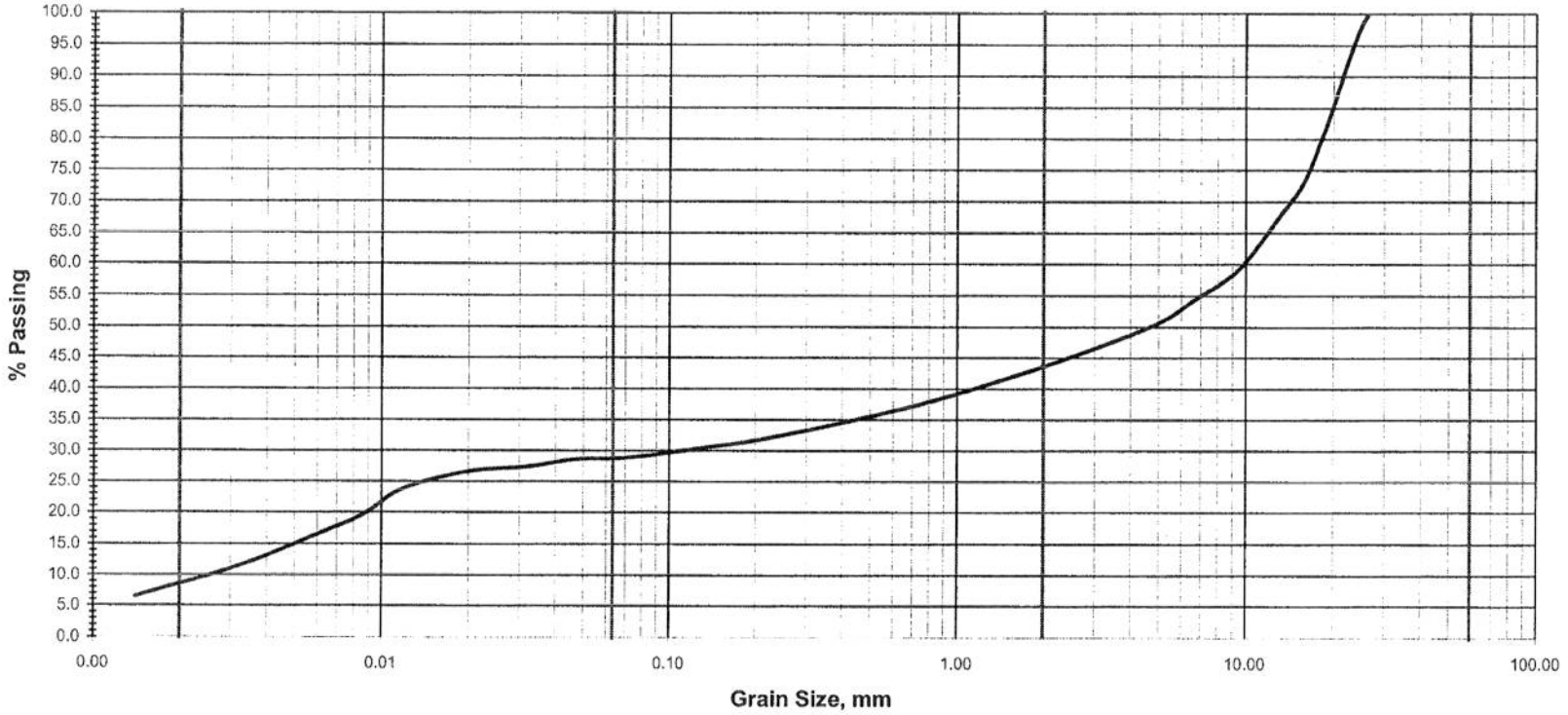
Trow Project No.:	OTGEO0019838B	Project Name :	Geotechnical Investigation Liquid and Solid Waste Management		
Client :	Government of Nunavut	Project Location :	Hamlet, Igloolik, Nunavut		
Date Sampled :	November 3, 2009	Borehole No.: BH L2	Sample No.: SS 3	Depth (m) :	1.0 to 1.2
Sample Description :	Sandy, Gravelly Silt,trace Clay			Figure :	14

Trow Associates Inc.
154 Colonnade Road South
Ottawa, ON K2E 7J5

Method of Test for Particle Size Analysis of Soil

MTO Test Method LS - 702, Rev. No. 19

Grain Size Distribution Curve



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	
	SILT			SAND			GRAVEL			
Modified M.I.T. Classification										

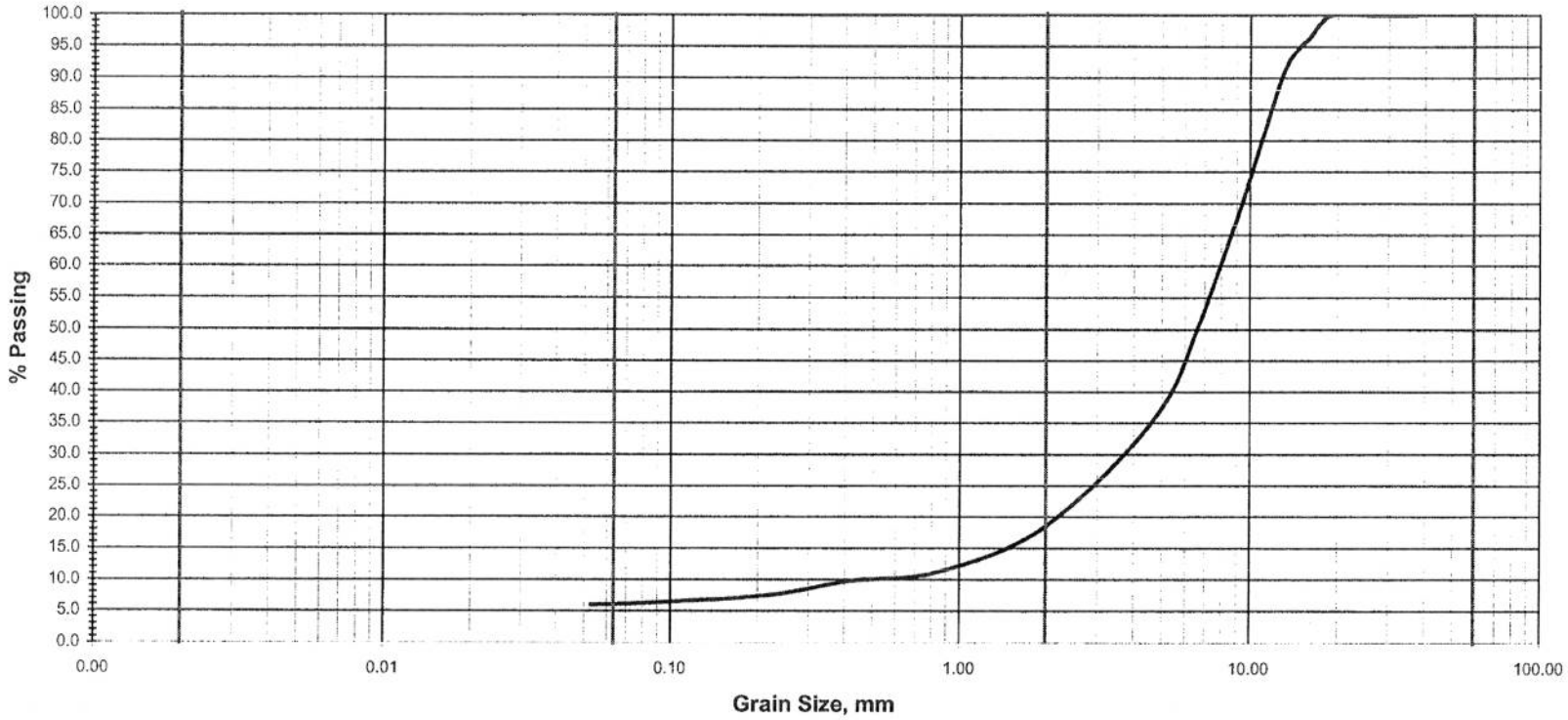
Trow Project No.:	OTGEO0019838B	Project Name :	Geotechnical Investigation, Liquid and Solid Waste Management		
Client :	Government of Nunavut	Project Location :	Hamlet, Igloolik, Nunavut		
Date Sampled :	November 3, 2009	Borehole No.: BH L2	Sample No.: SS 8	Depth (m) :	2.3 to 2.5
Sample Description :	Silty, Sandy Gravel, trace Clay			Figure :	15

Trow Associates Inc.
154 Colonnade Road South
Ottawa, ON K2E 7J5

Method of Test for Particle Size Analysis of Soil

MTO Test Method LS - 702, Rev. No. 19

Grain Size Distribution Curve



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	
	SILT			SAND			GRAVEL			
Modified M.I.T. Classification										

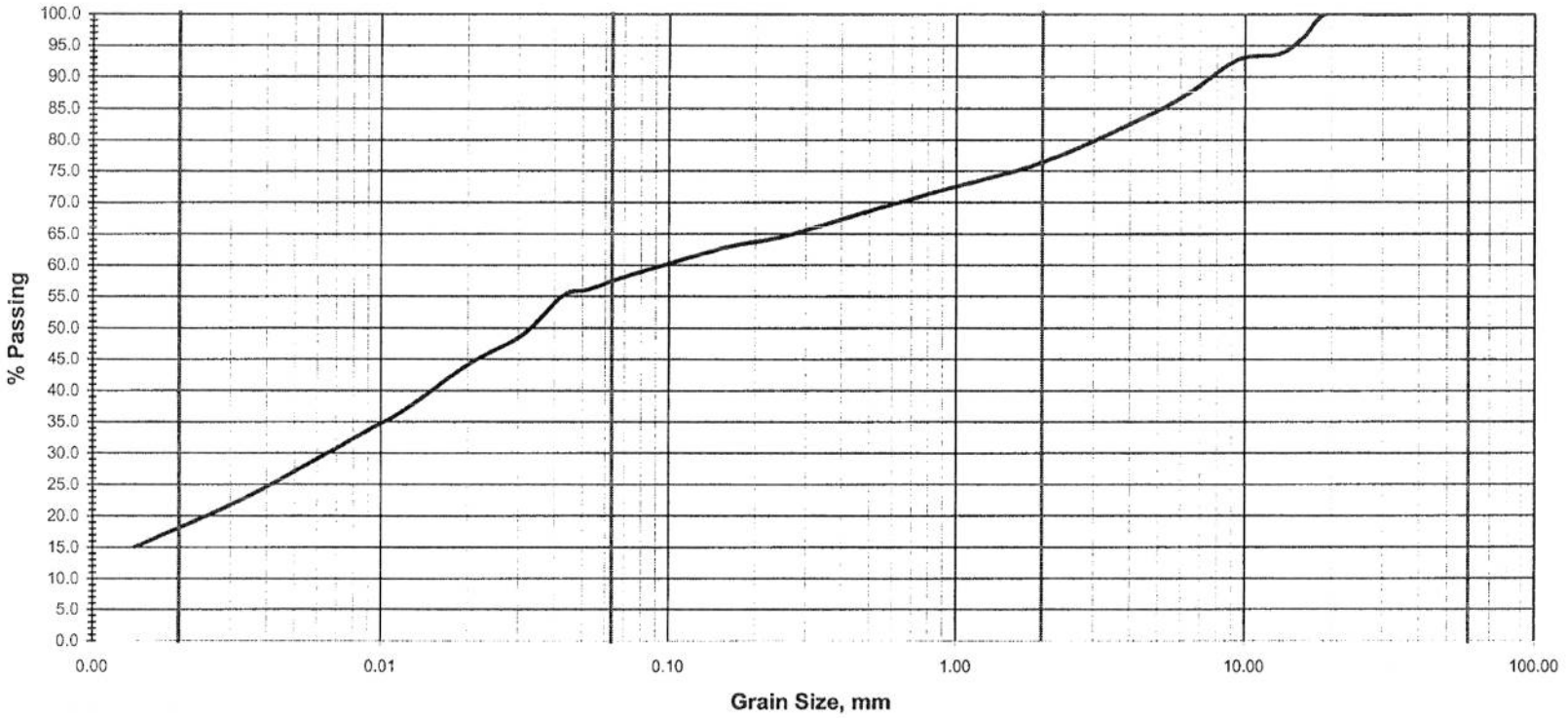
Trow Project No.:	OTGEO0019838B	Project Name :	Geotechnical Investigation, Liquid and Solid Waste Management		
Client :	Government of Nunavut	Project Location :	Hamlet, Igloolik, Nunavut		
Date Sampled :	November 3, 2009	Borehole No.: BH L8	Sample No.: SS 2	Depth (m) :	0.6 to 0.8
Sample Description :	Sandy Gravel			Figure :	16

Trow Associates Inc.
154 Colonnade Road South
Ottawa, ON K2E 7J5

Method of Test for Particle Size Analysis of Soil

MTO Test Method LS - 702, Rev. No. 19

Grain Size Distribution Curve



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	
	SILT			SAND			GRAVEL			
Modified M.I.T. Classification										

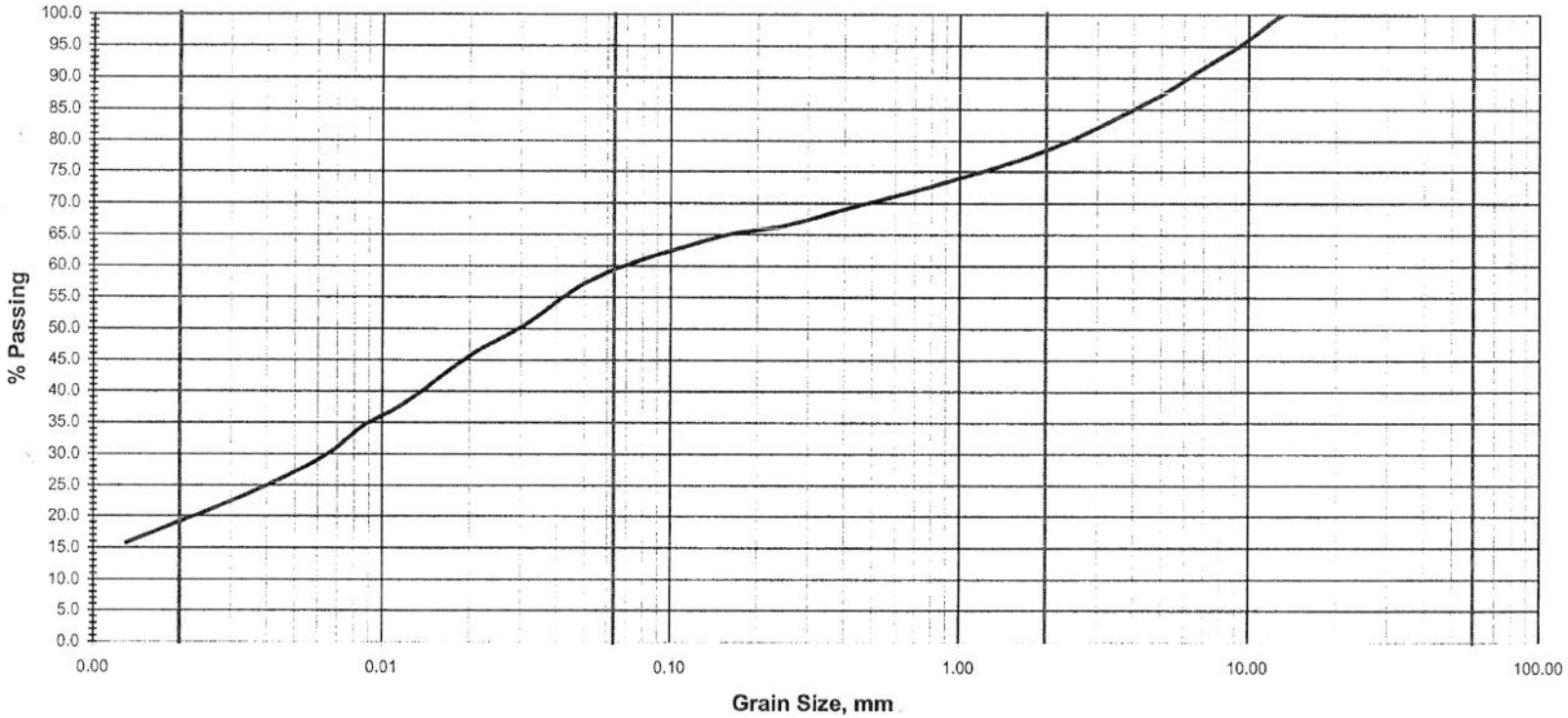
Trow Project No.:	OTGEO0019838B	Project Name :	Geotechnical Investigation, Liquid and Solid Waste Management		
Client :	Government of Nunavut	Project Location :	Hamlet, Igloolik, Nunavut		
Date Sampled :	November 3, 2009	Borehole No.: BH L7	Sample No.: SS 3	Depth (m) :	1.2 to 1.6
Sample Description :	Sandy Silt, some Clay and Gravel			Figure :	17

Trow Associates Inc.
154 Colonnade Road South
Ottawa, ON K2E 7J5

Method of Test for Particle Size Analysis of Soil

MTO Test Method LS - 702, Rev. No. 19

Grain Size Distribution Curve



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	
	SILT			SAND			GRAVEL			
Modified M.I.T. Classification										

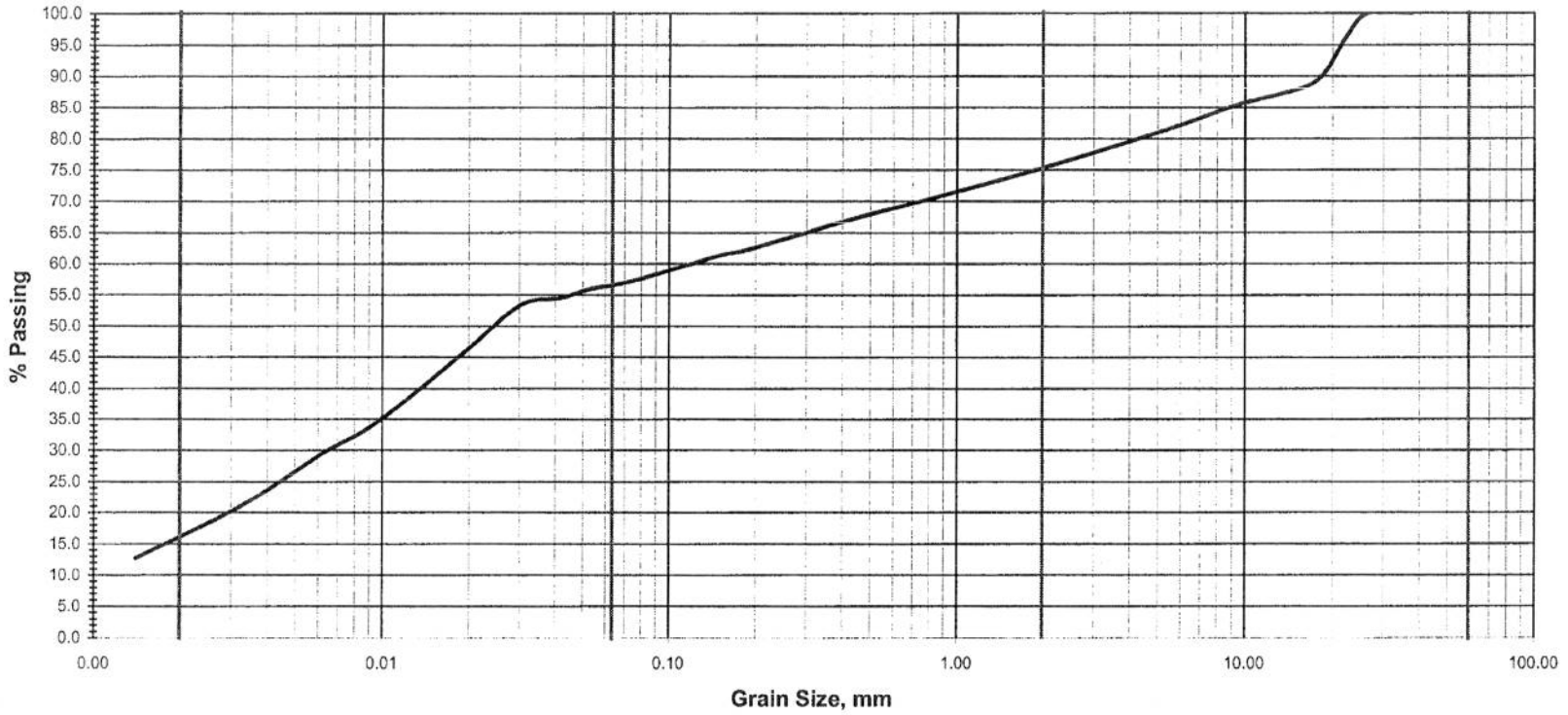
Trow Project No.:	OTGEO0019838B	Project Name :	Geotechnical Investigation, Liquid and Solid Waste Management		
Client :	Government of Nunavut	Project Location :	Hamlet, Igloolik, Nunavut		
Date Sampled :	November 3, 2009	Borehole No.: BH L7	Sample No.: SS 7	Depth (m) :	2.8 to 3.2
Sample Description :	Sandy Silt, some Clay and Gravel			Figure :	18

Trow Associates Inc.
154 Colonnade Road South
Ottawa, ON K2E 7J5

Method of Test for Particle Size Analysis of Soil

MTO Test Method LS - 702, Rev. No. 19

Grain Size Distribution Curve



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	
	SILT			SAND			GRAVEL			
Modified M.I.T. Classification										

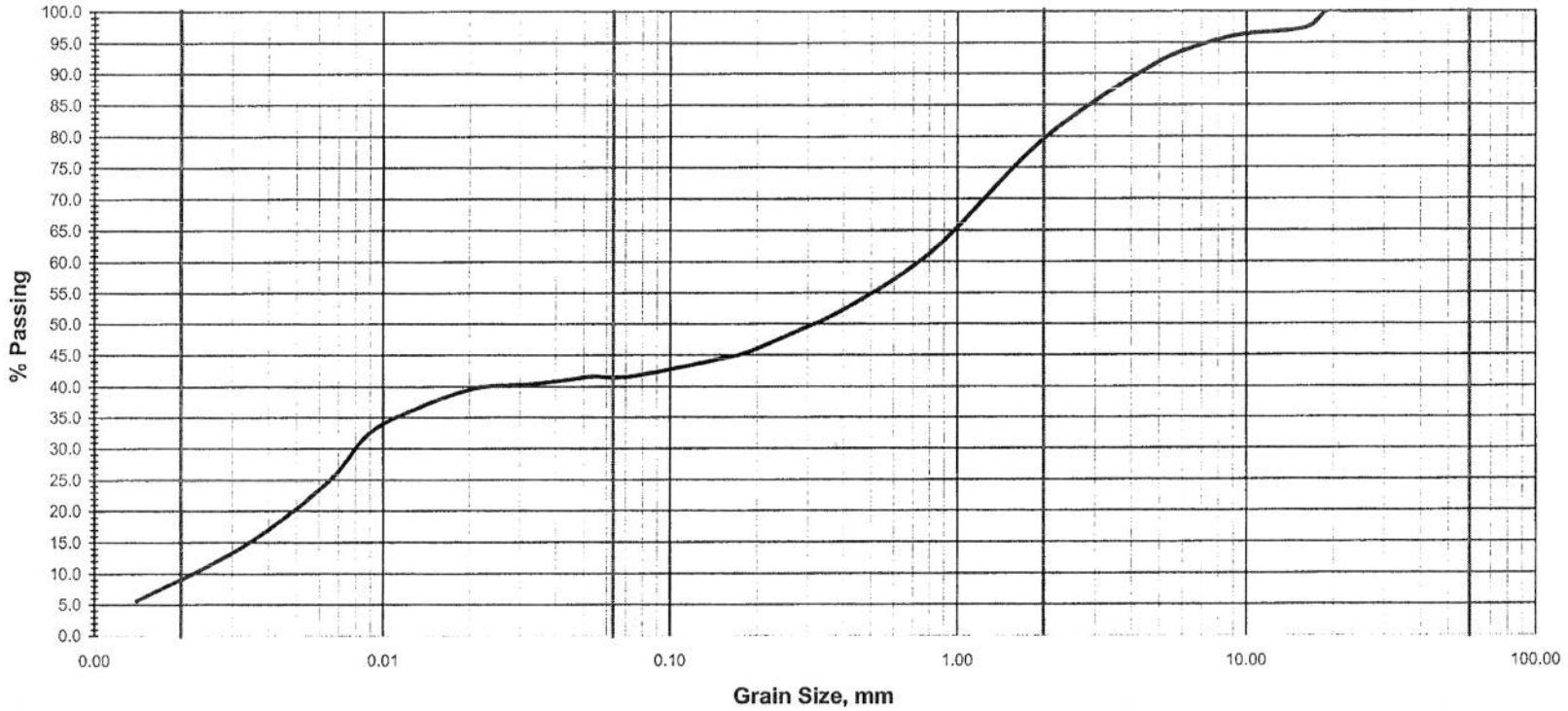
Trow Project No.:	OTGEO0019838B	Project Name :	Geotechnical Investigation, Liquid and Solid Waste Management		
Client :	Government of Nunavut	Project Location :	Hamlet, Igloolik, Nunavut		
Date Sampled :	November 3, 2009	Borehole No.: BH L4	Sample No.: SS 2	Depth (m) :	0.6 to 1.3
Sample Description :	Sandy Silt, some Gravel and Clay			Figure :	19

Trow Associates Inc.
154 Colonnade Road South
Ottawa, ON K2E 7J5

Method of Test for Particle Size Analysis of Soil

MTO Test Method LS - 702, Rev. No. 19

Grain Size Distribution Curve



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	
	SILT			SAND			GRAVEL			
Modified M.I.T. Classification										

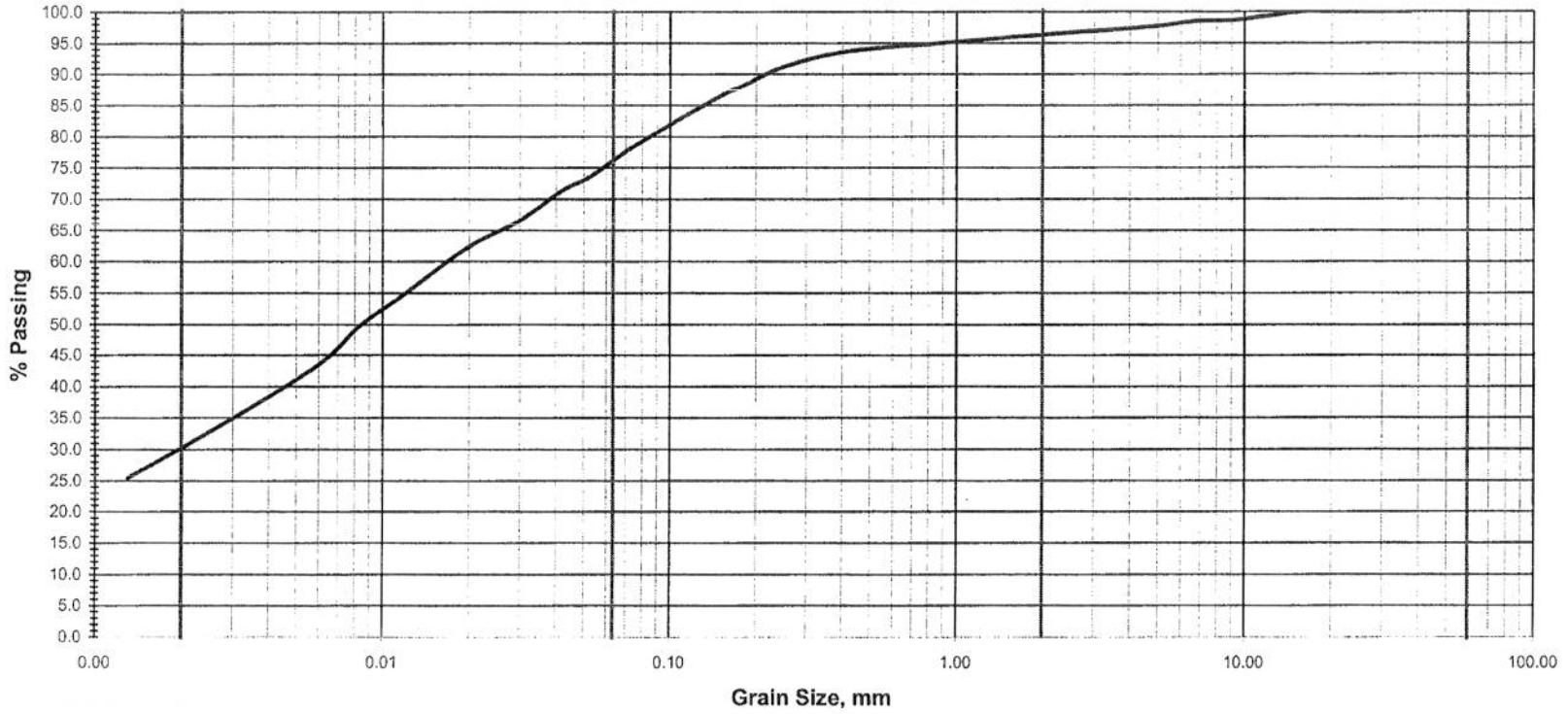
Trow Project No.:	OTGEO0019838B	Project Name :	Geotechnical Investigation, Liquid and Solid Waste Management		
Client :	Government of Nunavut	Project Location :	Hamlet, Igloolik, Nunavut		
Date Sampled :	November 3, 2009	Borehole No.: BH L9	Sample No.: SS 3	Depth (m) :	0.6 to 1.1
Sample Description :	Silty Sand, trace Clay and Gravel			Figure :	20

Trow Associates Inc.
154 Colonnade Road South
Ottawa, ON K2E 7J5

Method of Test for Particle Size Analysis of Soil

MTO Test Method LS - 702, Rev. No. 19

Grain Size Distribution Curve



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	
	SILT			SAND			GRAVEL			
Modified M.I.T. Classification										

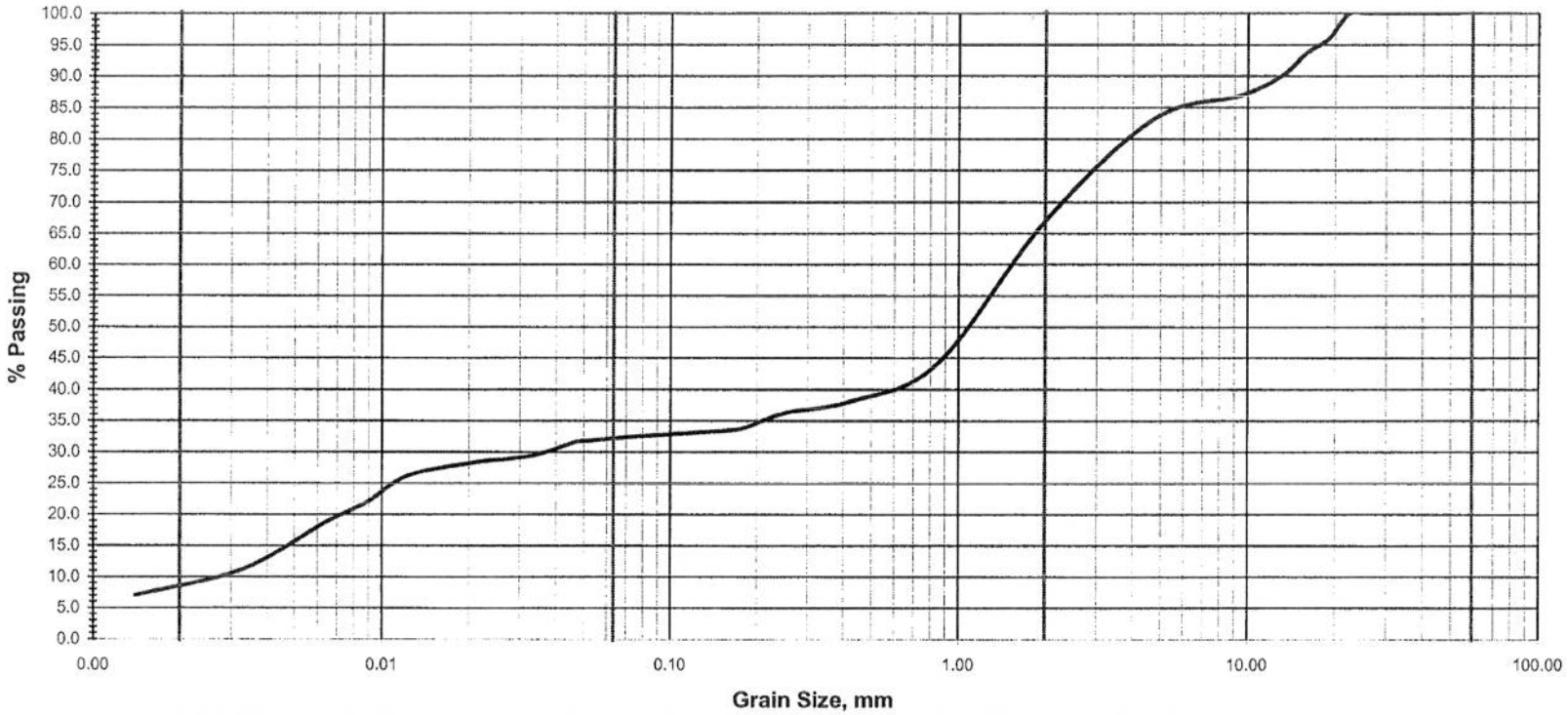
Trow Project No.:	OTGEO0019838B	Project Name :	Geotechnical Investigation, Liquid and Solid Waste Management		
Client :	Government of Nunavut	Project Location :	Hamlet, Igloolik, Nunavut		
Date Sampled :	November 3, 2009	Borehole No.: BH L9	Sample No.: SS 6	Depth (m) :	2.1 to 2.6
Sample Description :	Clayey Silt, some Sand, trace Gravel			Figure :	21

Trow Associates Inc.
154 Colonnade Road South
Ottawa, ON K2E 7J5

Method of Test for Particle Size Analysis of Soil

MTO Test Method LS - 702, Rev. No. 19

Grain Size Distribution Curve



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	
	SILT			SAND			GRAVEL			
Modified M.I.T. Classification										

Trow Project No.:	OTGEO0019838B	Project Name :	Geotechnical Investigation, Liquid and Solid Waste Management		
Client :	Government of Nunavut	Project Location :	Hamlet, Igloolik, Nunavut		
Date Sampled :	December 23, 2009	Borehole No.: BH 1	Sample No.: SS 2	Depth (m) :	0.6 to 1.2
Sample Description :	Silty Sand some Gravel, trace Clay			Figure :	22