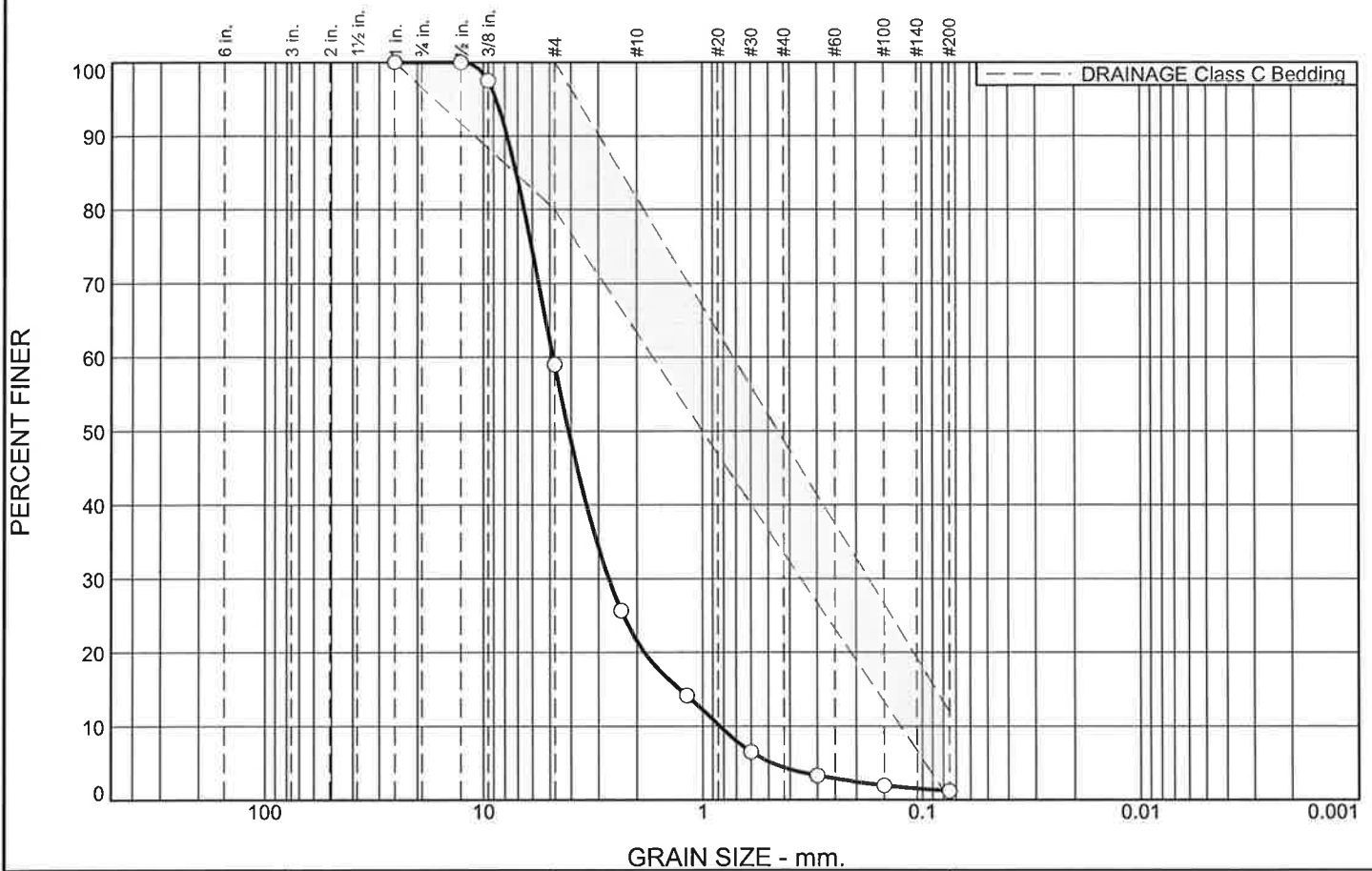


# Grain Size Curve(s)



% +3"	% Gravel		% Sand			% Fines
	Coarse	Fine	Coarse	Medium	Fine	
0.0	0.0	41.0	37.4	17.2	3.2	1.2

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1"	100.0	100.0	
1/2"	100.0		
3/8"	97.5		
#4	59.0	80.0 - 100.0	X
#8	25.7		
#16	14.2		
#30	6.5		
#50	3.3		
#100	1.9		
#200	1.2	0.0 - 12.0	

**Material Description**

PL=                      **Atterberg Limits**                      PI=

LL=

**Coefficients**

D<sub>90</sub>= 7.8013              D<sub>85</sub>= 7.1066              D<sub>60</sub>= 4.8241

D<sub>50</sub>= 4.0964              D<sub>30</sub>= 2.6887              D<sub>15</sub>= 1.2644

D<sub>10</sub>= 0.8349              C<sub>u</sub>= 5.78                      C<sub>c</sub>= 1.79

USCS= SP                      **Classification**                      AASHTO=

**Remarks**

\* DRAINAGE Class C Bedding

Source of Sample: RGA

Date:

**Melick-Tully & Associates, P.C.**

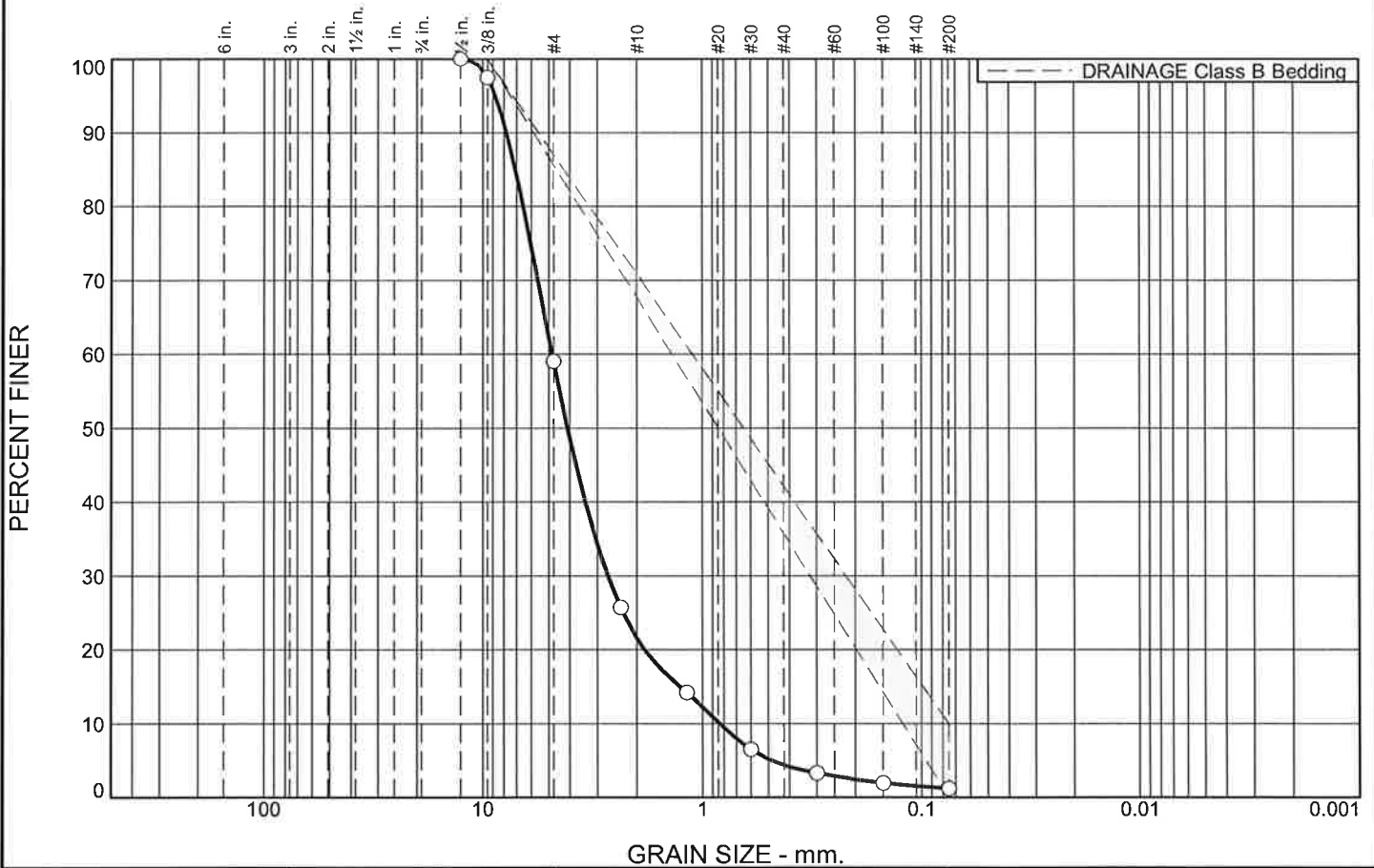
Client: Sims Metal Management  
Project: Recycled Glass, Jersey City, NJ

**South Bound Brook, NJ**

Project No: 9238-003

Plate

# Grain Size Curve(s)



% +3"	% Gravel		% Sand			% Fines
	Coarse	Fine	Coarse	Medium	Fine	
0.0	0.0	41.0	37.4	17.2	3.2	1.2

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1/2"	100.0		
3/8"	97.5	100.0	X
#4	59.0		
#8	25.7		
#16	14.2		
#30	6.5		
#50	3.3		
#100	1.9		
#200	1.2	0.0 - 10.0	

**Material Description**

PL=                      Atterberg Limits                      PI=

LL=

**Coefficients**

D<sub>90</sub>= 7.7992              D<sub>85</sub>= 7.1049              D<sub>60</sub>= 4.8240

D<sub>50</sub>= 4.0967              D<sub>30</sub>= 2.6888              D<sub>15</sub>= 1.2644

D<sub>10</sub>= 0.8349              C<sub>u</sub>= 5.78                      C<sub>c</sub>= 1.80

**Classification**

USCS= SP                      AASHTO=

**Remarks**

\* DRAINAGE Class B Bedding

Source of Sample: RGA

Date:

**Melick-Tully & Associates, P.C.**

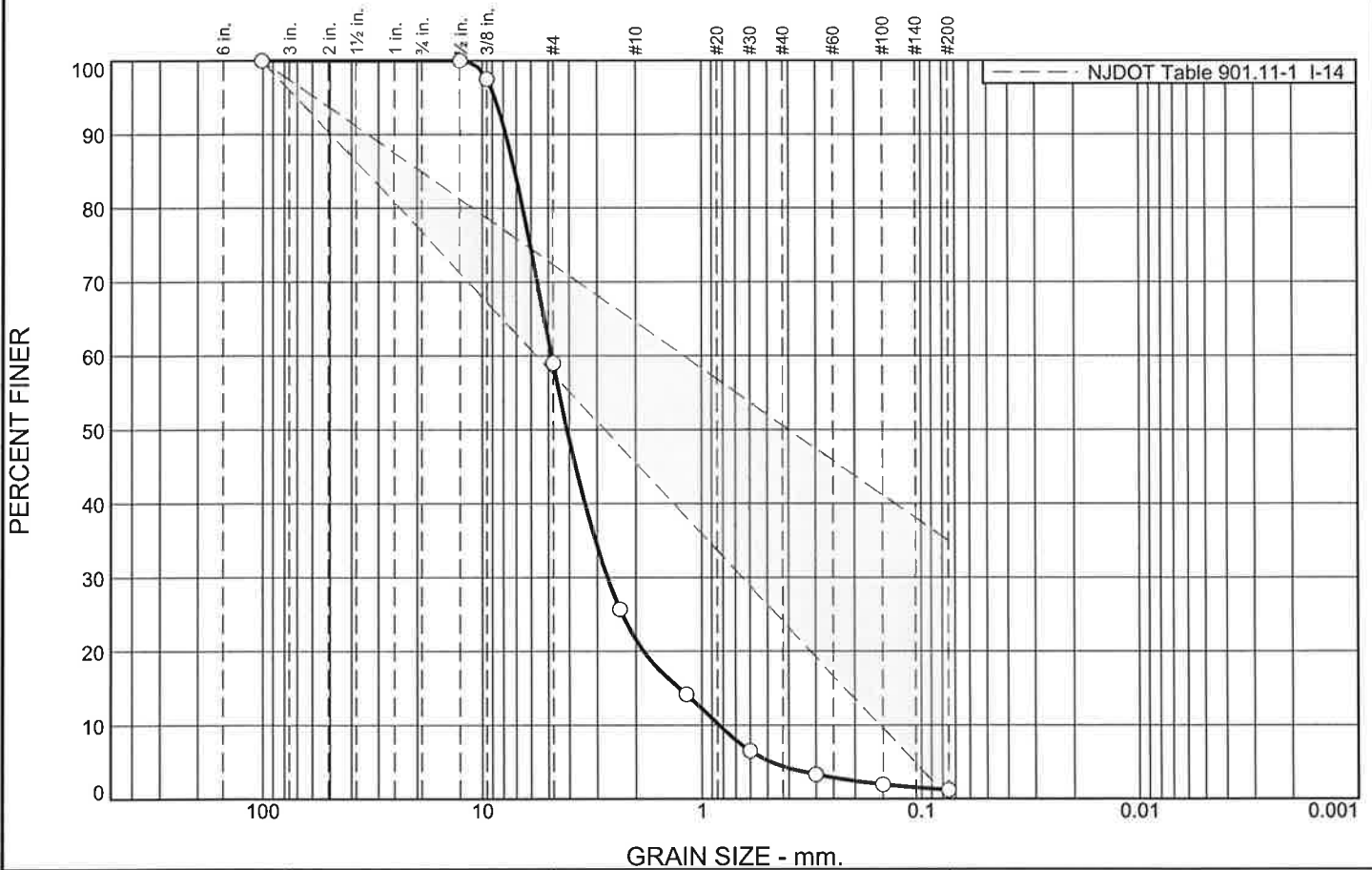
Client: Sims Metal Management  
Project: Recycled Glass, Jersey City, NJ

**South Bound Brook, NJ**

Project No: 9238-003

Plate

# Grain Size Curve(s)



% +3"	% Gravel		% Sand			% Fines
	Coarse	Fine	Coarse	Medium	Fine	
0.0	0.0	41.0	37.4	17.2	3.2	1.2

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
4"	100.0	100.0	
1/2"	100.0		
3/8"	97.5		
#4	59.0		
#8	25.7		
#16	14.2		
#30	6.5		
#50	3.3		
#100	1.9		
#200	1.2	0.0 - 35.0	

**Material Description**

PL=                      **Atterberg Limits**                      PI=

LL=

**Coefficients**

D<sub>90</sub>= 7.8001              D<sub>85</sub>= 7.1056              D<sub>60</sub>= 4.8240

D<sub>50</sub>= 4.0966              D<sub>30</sub>= 2.6888              D<sub>15</sub>= 1.2644

D<sub>10</sub>= 0.8349              C<sub>u</sub>= 5.78                      C<sub>c</sub>= 1.79

USCS= SP                      **Classification**                      AASHTO=

**Remarks**

\* NJDOT Table 901.11-1 I-14

Source of Sample: RGA

Date:

**Melick-Tully & Associates, P.C.**

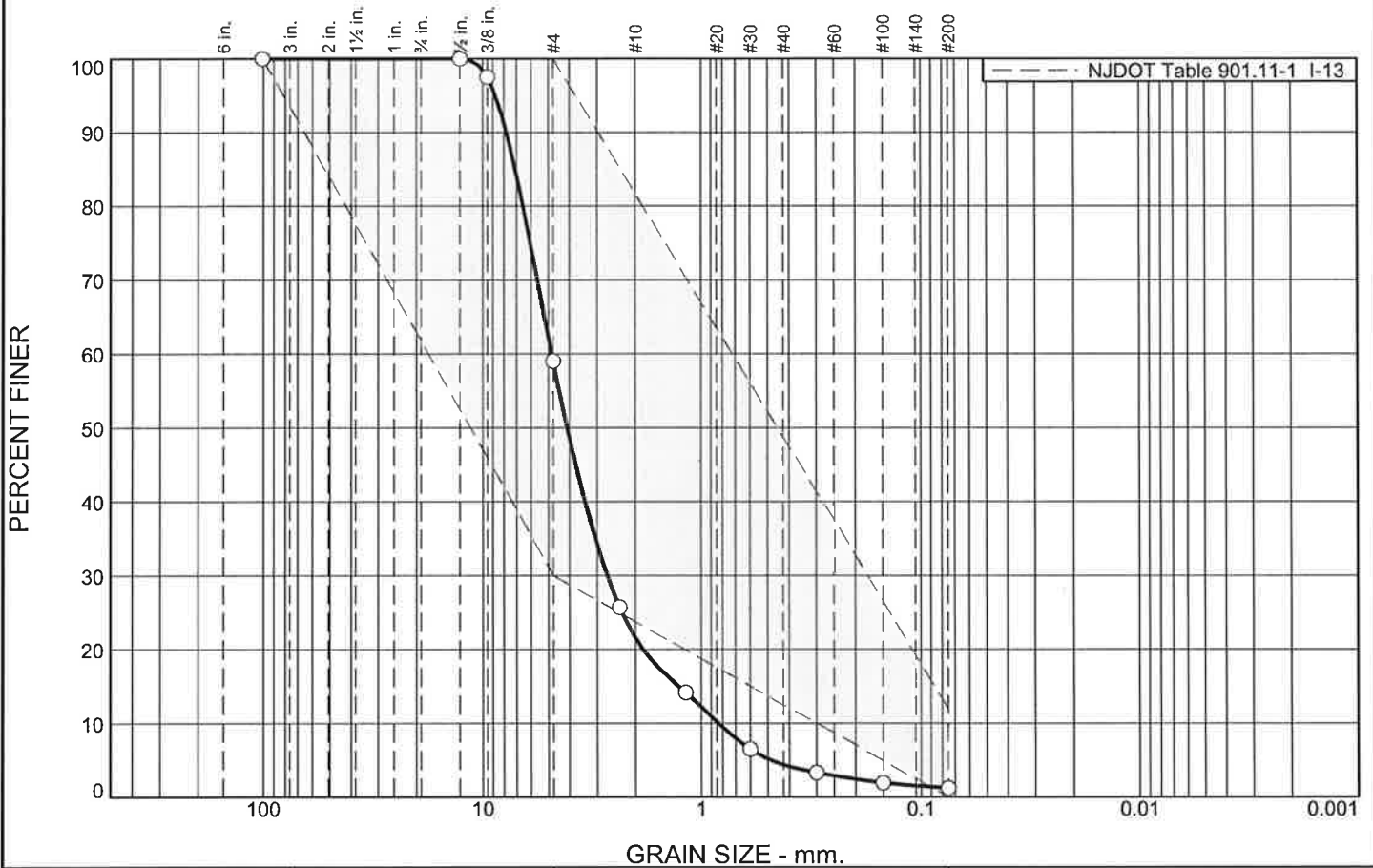
Client: Sims Metal Management  
Project: Recycled Glass, Jersey City, NJ

**South Bound Brook, NJ**

Project No: 9238-003

Plate

# Grain Size Curve(s)



% +3"	% Gravel		% Sand			% Fines
	Coarse	Fine	Coarse	Medium	Fine	
0.0	0.0	41.0	37.4	17.2	3.2	1.2

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
4"	100.0	100.0	
1/2"	100.0		
3/8"	97.5		
#4	59.0	30.0 - 100.0	
#8	25.7		
#16	14.2		
#30	6.5		
#50	3.3		
#100	1.9		
#200	1.2	0.0 - 12.0	

**Material Description**

PL=                      Atterberg Limits                      PI=

LL=

Coefficients

D<sub>90</sub>= 7.8001      D<sub>85</sub>= 7.1056                      D<sub>60</sub>= 4.8240

D<sub>50</sub>= 4.0966      D<sub>30</sub>= 2.6888                      D<sub>15</sub>= 1.2644

D<sub>10</sub>= 0.8349      C<sub>u</sub>= 5.78                              C<sub>c</sub>= 1.79

USCS= SP                      Classification                      AASHTO=

Remarks

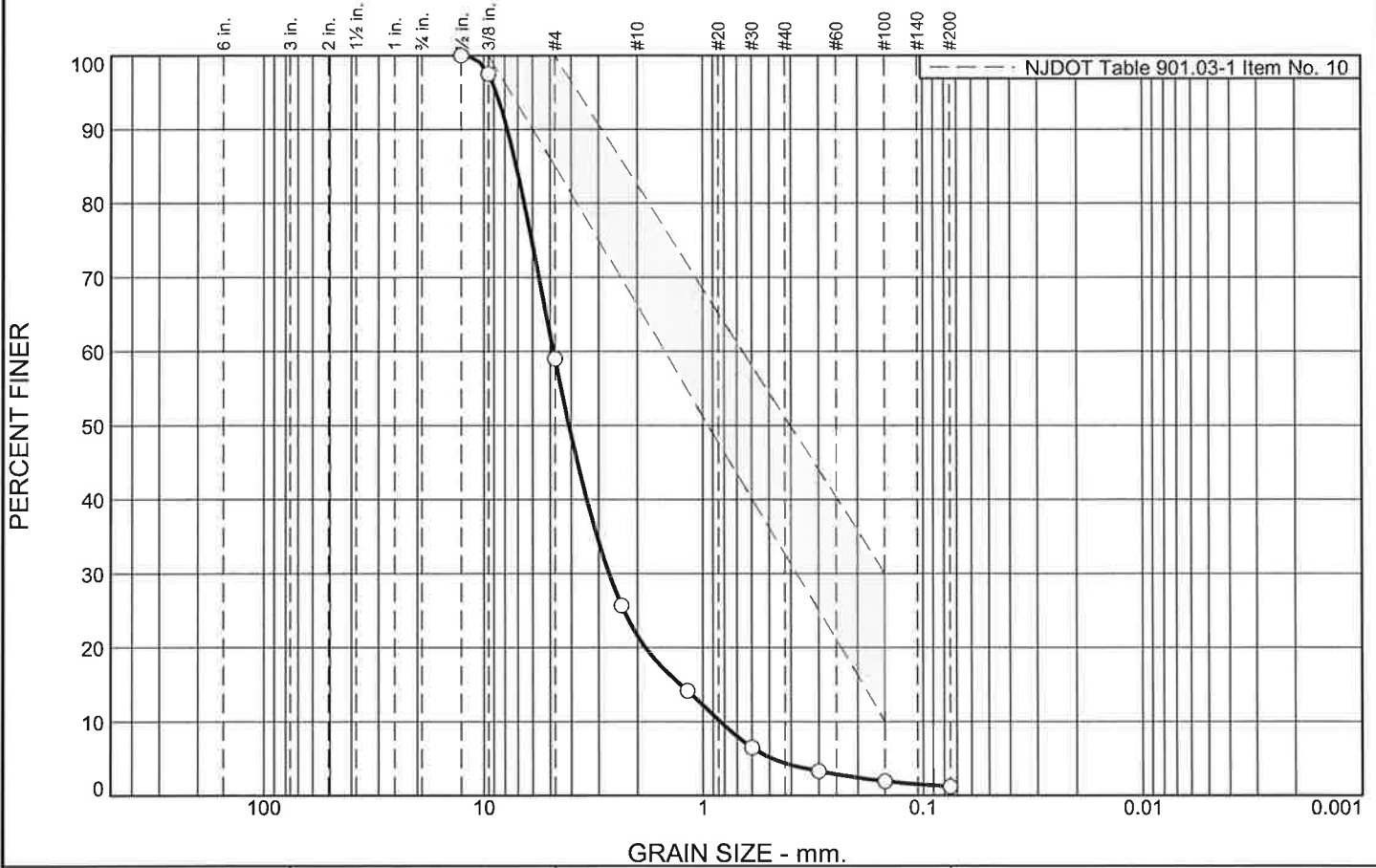
\* NJDOT Table 901.11-1 I-13

Source of Sample: RGA

Date:

<b>Melick-Tully &amp; Associates, P.C.</b>	Client: Sims Metal Management	Project: Recycled Glass, Jersey City, NJ
South Bound Brook, NJ	Project No: 9238-003	Plate

# Grain Size Curve(s)



% +3"	% Gravel		% Sand			% Fines
	Coarse	Fine	Coarse	Medium	Fine	
0.0	0.0	41.0	37.4	17.2	3.2	1.2

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1/2"	100.0		
3/8"	97.5	100.0	X
#4	59.0	85.0 - 100.0	X
#8	25.7		
#16	14.2		
#30	6.5		
#50	3.3		
#100	1.9	10.0 - 30.0	X
#200	1.2		

**Material Description**

PL=                      **Atterberg Limits**                      PI=

LL=

**Coefficients**

D<sub>90</sub>= 7.7992      D<sub>85</sub>= 7.1049                      D<sub>60</sub>= 4.8240

D<sub>50</sub>= 4.0967      D<sub>30</sub>= 2.6888                      D<sub>15</sub>= 1.2644

D<sub>10</sub>= 0.8349      C<sub>u</sub>= 5.78                              C<sub>c</sub>= 1.80

USCS= SP                      **Classification**                      AASHTO=

**Remarks**

\* NJDOT Table 901.03-1 Item No. 10

Source of Sample: RGA

Date:

**Melick-Tully & Associates, P.C.**

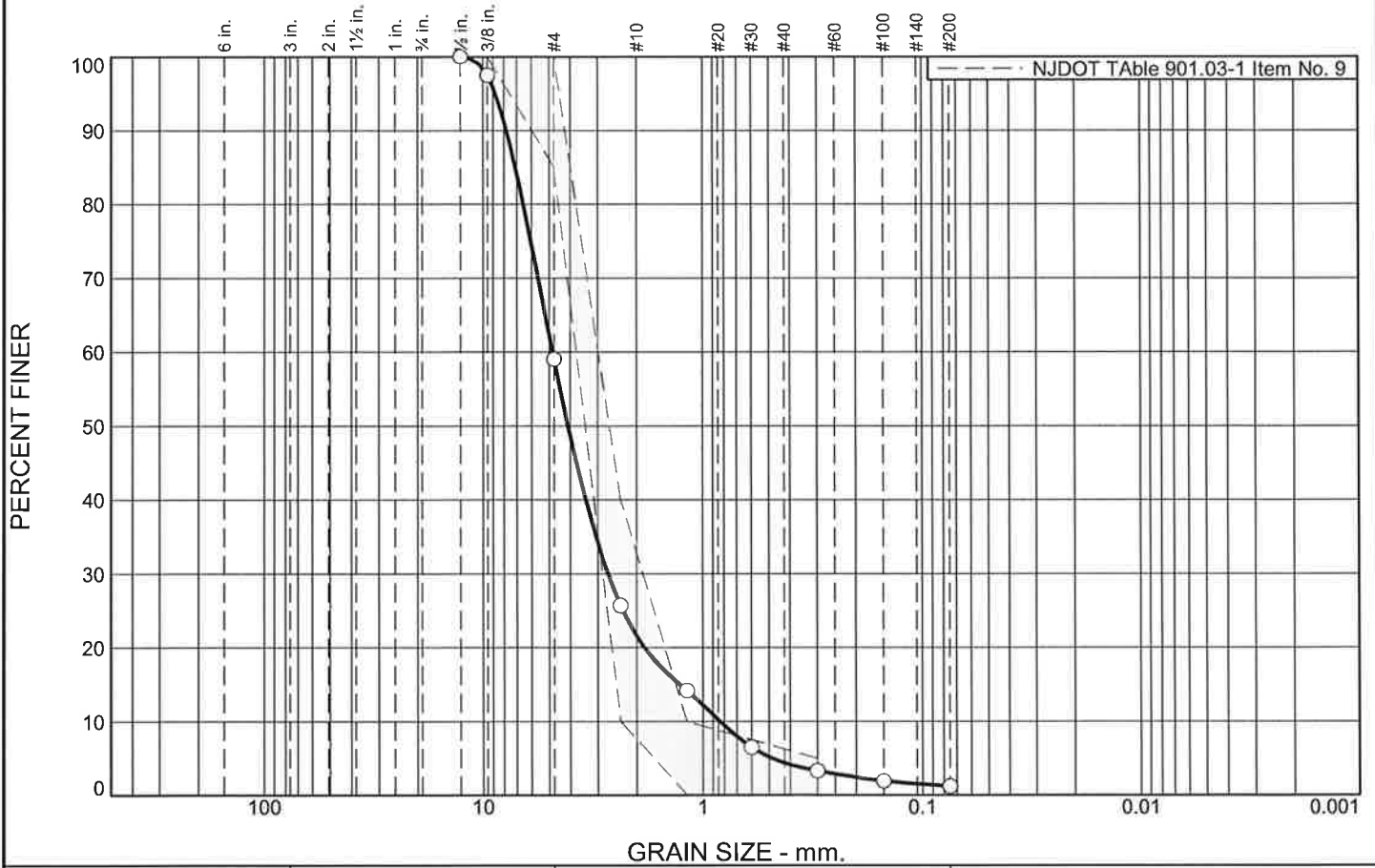
Client: Sims Metal Management  
Project: Recycled Glass, Jersey City, NJ

**South Bound Brook, NJ**

Project No: 9238-003

Plate

# Grain Size Curve(s)



% +3"	% Gravel		% Sand			% Fines
	Coarse	Fine	Coarse	Medium	Fine	
0.0	0.0	41.0	37.4	17.2	3.2	1.2

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1/2"	100.0		
3/8"	97.5	100.0	X
#4	59.0	85.0 - 100.0	X
#8	25.7	10.0 - 40.0	
#16	14.2	0.0 - 10.0	X
#30	6.5		
#50	3.3	0.0 - 5.0	
#100	1.9		
#200	1.2		

**Material Description**

PL=                      **Atterberg Limits**                      PI=

LL=

**Coefficients**

D<sub>90</sub>= 7.7992              D<sub>85</sub>= 7.1049              D<sub>60</sub>= 4.8240

D<sub>50</sub>= 4.0967              D<sub>30</sub>= 2.6888              D<sub>15</sub>= 1.2644

D<sub>10</sub>= 0.8349              C<sub>u</sub>= 5.78                      C<sub>c</sub>= 1.80

USCS= SP                      **Classification**                      AASHTO=

**Remarks**

\* NJDOT Table 901.03-1 Item No. 9

Source of Sample: RGA

Date:

**Melick-Tully & Associates, P.C.**

**Client:** Sims Metal Management

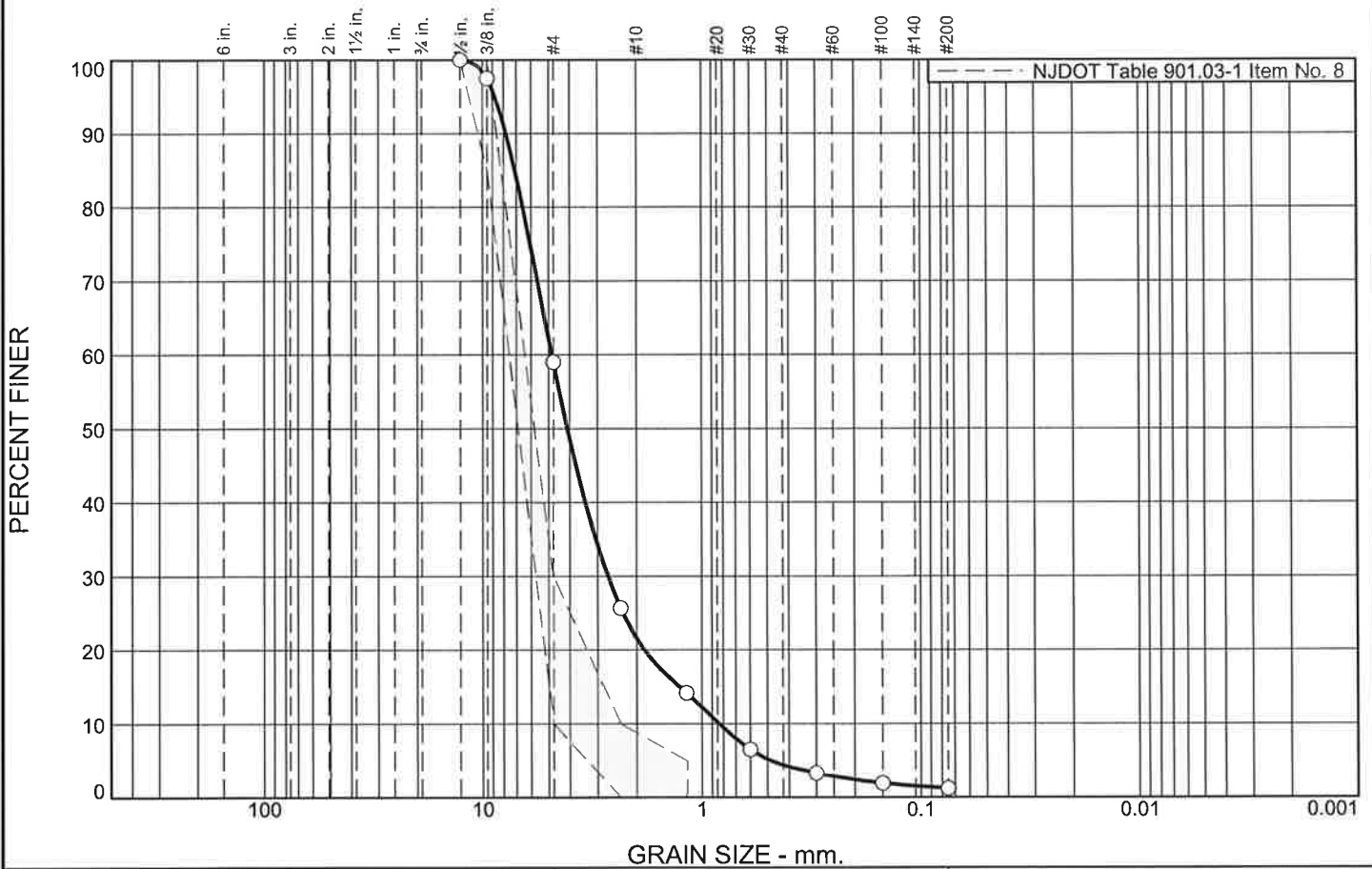
**Project:** Recycled Glass, Jersey City, NJ

**South Bound Brook, NJ**

**Project No:** 9238-003

**Plate**

# Grain Size Curve(s)



% +3"	% Gravel		% Sand			% Fines
	Coarse	Fine	Coarse	Medium	Fine	
0.0	0.0	41.0	37.4	17.2	3.2	1.2

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1/2"	100.0	100.0	
3/8"	97.5	85.0 - 100.0	
#4	59.0	10.0 - 30.0	X
#8	25.7	0.0 - 10.0	X
#16	14.2	0.0 - 5.0	X
#30	6.5		
#50	3.3		
#100	1.9		
#200	1.2		

**Material Description**

PL=                      Atterberg Limits                      PI=

LL=

Coefficients

D<sub>90</sub>= 7.7992      D<sub>85</sub>= 7.1049      D<sub>60</sub>= 4.8240

D<sub>50</sub>= 4.0967      D<sub>30</sub>= 2.6888      D<sub>15</sub>= 1.2644

D<sub>10</sub>= 0.8349      C<sub>u</sub>= 5.78      C<sub>c</sub>= 1.80

USCS= SP                      Classification                      AASHTO=

Remarks

\* NJDOT Table 901.03-1 Item No. 8

Source of Sample: RGA

Date:

**Melick-Tully & Associates, P.C.**  
  
South Bound Brook, NJ

Client: Sims Metal Management  
Project: Recycled Glass, Jersey City, NJ  
  
Project No: 9238-003

Plate