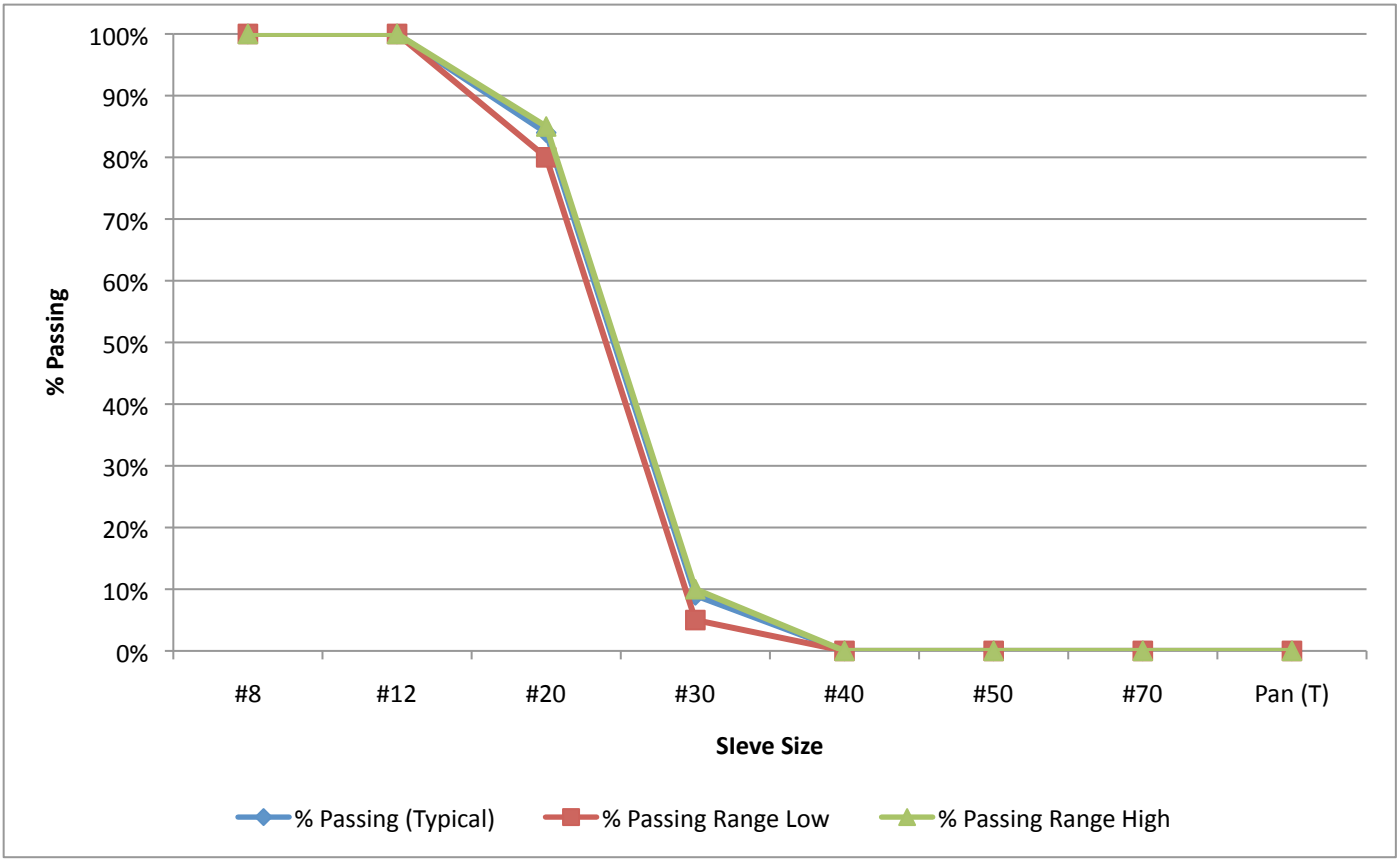
SAND EXPRESS

Filter Media 20/40

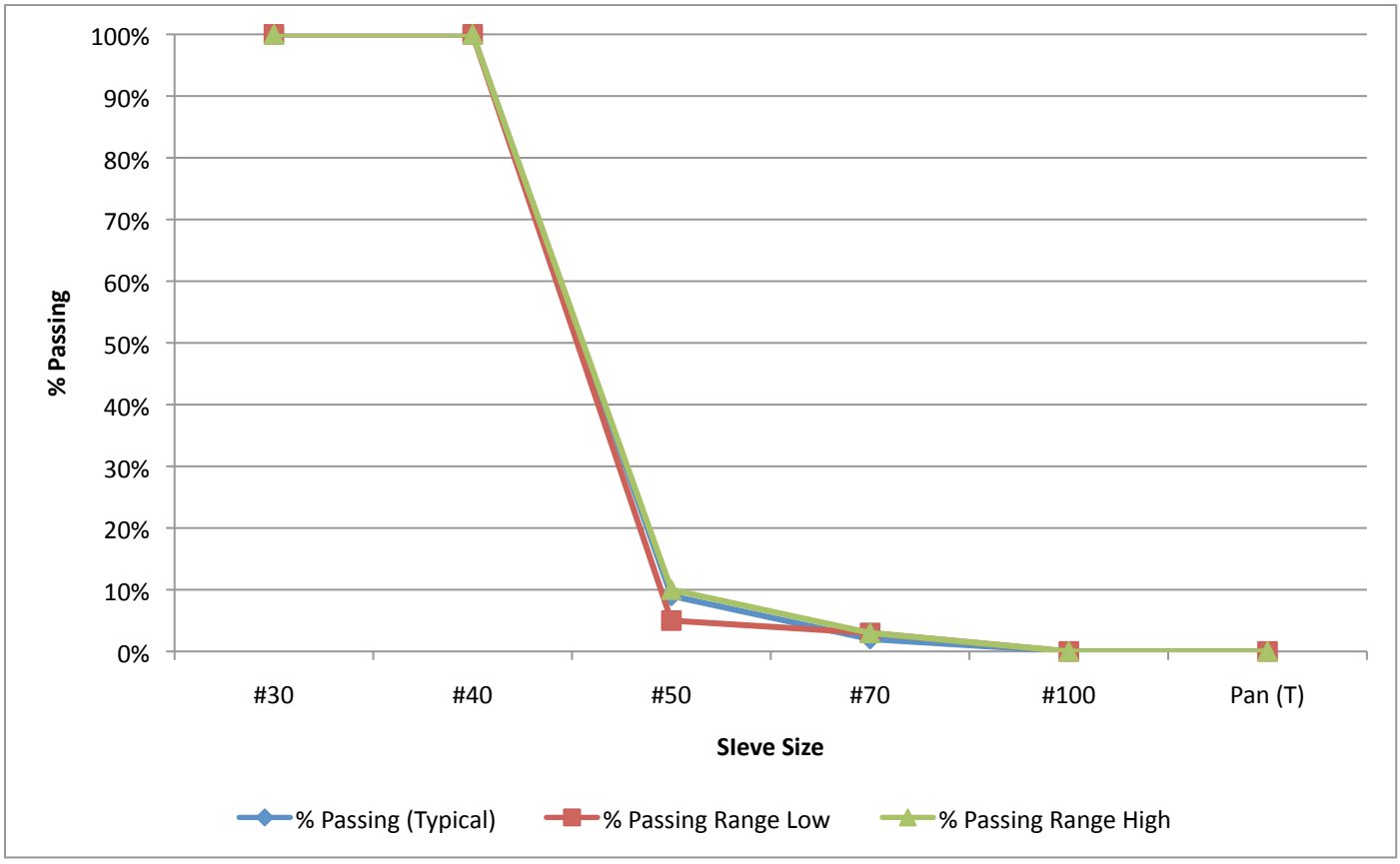
Typical Gradation Analysis			
Sieve Size	% Passing (Typical)	% Passing Range	% Retained (Individual)
		Low / High	
#8	100%	100% / 100%	0%
#12	100%	100% / 100%	0%
#20	84%	80% / 85%	16%
#30	9%	5% / 10%	75%
#40	0%	0% / 0%	9%
#50	0%	0% / 0%	0%
#70	0%	0% / 0%	0%
Pan (T)	0%	0% / 0%	0%



SAND EXPRESS

Filter Media 40/70

Typical Gradation Analysis			
Sieve Size	% Passing (Typical)	% Passing Range	% Retained (Individual)
		Low	High
#30	100%	100%	100%	0%
#40	100%	100%	100%	0%
#50	9%	5%	10%	91%
#70	2%	3%	3%	7%
#100	0%	0%	0%	2%
Pan (T)	0%	0%	0%	0%



SAND EXPRESS

Filter Media
Fine (Sugar Sand)

Typical Gradation Analysis

Sieve Size	% Passing	% Retained (Individual)
#30	100%	0%
#40	99.2%	0.8%
#50	95.2%	4.0%
#70	80.4%	14.8%
#100	39.4%	41.0%
#140	9.4%	30.0%
#200	1.3%	8.1%
#270	0.4%	0.9%
Pan (T)	0.0%	0.4%

Typical Physical Properties

Grain Shape	Round	Mineral	Quartz
Hardness (Mohs)	7	pH	6.8
Melting Point	3100	Specific Gravity	2.65

Typical Chemical Analysis, %

Sio_2 (Silicon Dioxide)	99.8	MgO (Magnesium Oxide)	<0.01
Fe_2O_3 (Iron Oxide)	0.017	Na_2O (Sodium Oxide)	<0.01
Al_2O_3 (Aluminum Oxide)	0.09	K_2O (Potassium Oxide)	0.04
TiO_2 (Titanium Dioxide)	<0.01	LoI (Loss On Ignition)	0.1
CaO Calcium Oxide)	<0.01		

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Filter Gravel 1/8 x 1/4

Typical Gradation Analysis				
Sieve Size	% Passing (Typical)	% Passing Range		% Retained (Individual)
		Low	High	
3/4	100%	100%	100%	0%
1/2	100%	100%	100%	0%
3/8	100%	100%	100%	0%
#4	62.0%	60%	65%	38.0%
#10	0.5%	0%	1%	61.5%
#12	0.3%	0%	1%	0.2%
#20	0.2%	0%	1%	0%
#40	0.2%	0%	1%	0%
#50	0.1%	0%	1%	0.1%
Pan (T)	0%	0%	0%	0.1%

Fineness Modulus: 4.37