

Mine ID: 10679

Statistical Data

Terminal ID:

Last 30 Samples in Date Range (10/11/2016 to 10/11/2017)

Product: B12

Sample Type: At Source

Process: 1

Sample Level: QC

Geological Type: Recycled Concrete Aggregate

Total Samples for 1 yr: 8

Gradation Analysis

	Samples Found	Mean	Std. Dev.	Min	Max	Est. of Compliance	Z-value	Lower Limit	Upper Limit	Target
2" - Total Percent Passing	8	100.0	0.00	100.0	100.0	OK	-	100.0	-	-
3/4" - Total Percent Passing	8	88.4	3.54	83.0	94.0	OK	1.870	65.0	95.0	-
3/8" - Total Percent Passing	8	62.5	5.24	57.0	71.0	OK	4.294	40.0	85.0	-
No. 4 - Total Percent Passing	8	43.6	4.53	39.0	51.0	OK	4.113	25.0	65.0	-
No. 10 - Total Percent Passing	8	31.8	3.81	27.0	38.0	OK	3.084	20.0	50.0	-
No. 50 - Total Percent Passing	8	13.9	1.81	12.0	17.0	OK	4.906	5.0	30.0	-

Minus 200 Analysis

	Samples Found	Mean	Std. Dev.	Min	Max	Est. of Compliance	Z-value	Lower Limit	Upper Limit	Target
Total Percent of Minus 200	8	5.28	1.49	2.34	7.10	-	-	-	-	-

FSTM FM 5-515 LBR

	Samples Found	Mean	Std. Dev.	Min	Max	Est. of Compliance	Z-value	Lower Limit	Upper Limit	Target
Limerock Bearing Ratio						NO DATA				
Maximum Density						NO DATA				
Percent Moisture						NO DATA				
Percent Pass 3.5" Sieve						NO DATA				
Percent Pass No. 4 Sieve						NO DATA				
Maximum Density						NO DATA				
Percent Moisture						NO DATA				
Limerock Bearing Ratio	4	238	55.1	179	310	OK		150	-	-

FSTM FM1-T90 PlasticLimit

	Samples Found (with Data)	Mean	Std. Dev.	Min	Max	Est. of Compliance	Z-value	Lower Limit	Upper Limit	Target
Liquid Limit						NO DATA				
Plastic Limit						NO DATA				
Plasticity Index						NO DATA				

DeleteriousSubstances

	Samples Found	Mean	Std. Dev.	Min	Max	Est. of Compliance	Z-value	Lower Limit	Upper Limit	Target
Bituminous Concrete	8	1	0.5	0	1	OK		-	1	-
Bricks	8	0	0.4	0	1	OK		-	1	-
Wood and other organic substance	8	0.0	0.05	0.0	0.1	OK		-	0.1	-
Reinforcing Steel and Welded Wire Fabric	8	0.0	0.04	0.0	0.1	-		-	-	-
Plaster and Gypsum Board	8	0.0	0.00	0.0	0.0	OK		-	0.1	-

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Est. of Compliance using Z-Value

OK = Greater than or equal to 95% Compliance.
 OUT <95% = Greater than or equal to 90% and less than 95% Compliance.
 ALERT or ALERT <95% = Notify District Concrete Personnel of Issue.
 SUSPEND = Less than 90% Compliance.

Est. of Compliance not using Z-Value

OK = Passes FDOT Criteria.
 FAIL = Does not pass FDOT Criteria.

Gradation By Sample

#	Sample Date	MAC Sample ID	FDOT Sample #	2"	3/4"	3/8"	No. 4	No. 10	No. 50
1	9/29/2017	1700171963	173902	100.0	85.0	57.0	39.0	28.0	12.0
2	9/29/2017	1700171960	173901	100.0	89.0	64.0	45.0	33.0	14.0
3	5/26/2017	1700116105	172102	100.0	87.0	59.0	40.0	30.0	13.0
4	5/26/2017	1700116066	172101	100.0	94.0	71.0	51.0	38.0	16.0
5	3/14/2017	1700077892	171102	100.0	89.0	66.0	48.0	36.0	17.0
6	3/14/2017	1700077891	171101	100.0	88.0	59.0	39.0	27.0	12.0
7	2/9/2017	1700063834	170602	100.0	92.0	67.0	46.0	32.0	13.0
8	2/9/2017	1700063833	170601	100.0	83.0	57.0	41.0	30.0	14.0

Minus 200 by Sample

#	Sample Date	MAC Sample ID	FDOT Sample #	Result
1	9/29/2017	1700171963	173902	7.10
2	9/29/2017	1700171960	173901	6.26
3	5/26/2017	1700116105	172102	5.42
4	5/26/2017	1700116066	172101	2.34
5	3/14/2017	1700077892	171102	6.43
6	3/14/2017	1700077891	171101	4.52
7	2/9/2017	1700063834	170602	5.65
8	2/9/2017	1700063833	170601	4.52

Start Weight by Sample

#	Sample Date	MAC Sample ID	FDOT Sample #	Result
1	9/29/2017	1700171963	173902	21,328.3
2	9/29/2017	1700171960	173901	20,824.8
3	5/26/2017	1700116105	172102	15,721.5
4	5/26/2017	1700116066	172101	15,757.8
5	3/14/2017	1700077892	171102	22,988.4
6	3/14/2017	1700077891	171101	23,224.3
7	2/9/2017	1700063834	170602	23,197.1
8	2/9/2017	1700063833	170601	21,155.9

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FSTM FM 5-515 LBR by Sample

#	Sample Date	MAC Sample ID	FDOT Sample #	Limerock Bearing Ratio	Maximum Density	Percent Moisture	Percent Pass 3.5" Sieve	Percent Pass No. 4 Sieve
1	9/29/2017	1700171963	173902	-	-	-	-	-
1.53	9/29/2017	1700171960	173901	245	-	-	-	-
333								
333								
333								
333								
3.87	5/26/2017	1700116105	172102	-	-	-	-	-
5								
3.06	5/26/2017	1700116066	172101	179	-	-	-	-
666								
666								
666								
667								
4.06	3/14/2017	1700077892	171102	310	-	-	-	-
666								
666								
666								
667								
8.62	3/14/2017	1700077891	171101	-	-	-	-	-
5								
9.62	2/9/2017	1700063834	170602	-	-	-	-	-
5								
6.13	2/9/2017	1700063833	170601	218	-	-	-	-
333								
333								
333								
333								

**Deleterious Substances by Sample
for RCA Graded Aggregate Base**

#	Sample Date	MAC Sample ID	FDOT Sample #	Bituminous Concrete	Bricks	Plaster and Gypsum Board
1	9/29/2017	1700171963	173902	0	0	0.0
2	9/29/2017	1700171960	173901	0	0	0.0
3	5/26/2017	1700116105	172102	0	0	0.0
4	5/26/2017	1700116066	172101	0	0	0.0
5	3/14/2017	1700077892	171102	1	0	0.0
6	3/14/2017	1700077891	171101	1	0	0.0
7	2/9/2017	1700063834	170602	1	0	0.0
8	2/9/2017	1700063833	170601	1	1	0.0

**Deleterious Substances by Sample
for RCA Graded Aggregate Base**

#	Sample Date	MAC Sample ID	FDOT Sample #	Reinforcing Steel and Welded Wire Fabric	Wood and other organic substance
1	9/29/2017	1700171963	173902	0.1	0.0
2	9/29/2017	1700171960	173901	0.0	0.0
3	5/26/2017	1700116105	172102	0.0	0.0
4	5/26/2017	1700116066	172101	0.0	0.1
5	3/14/2017	1700077892	171102	0.0	0.1
6	3/14/2017	1700077891	171101	0.0	0.0
7	2/9/2017	1700063834	170602	0.0	0.0
8	2/9/2017	1700063833	170601	0.0	0.0

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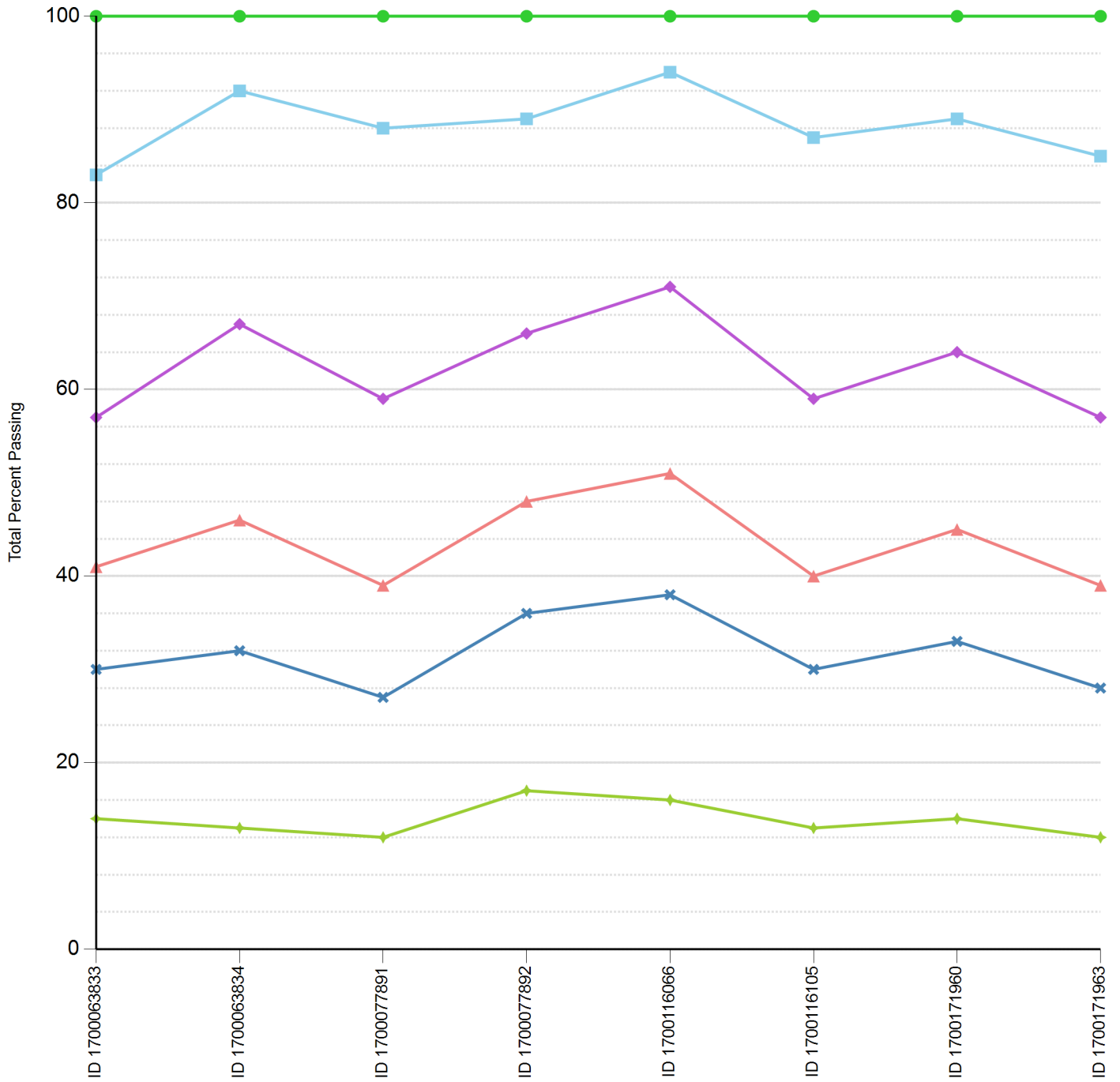
Product: B12

Process: 1

Sample Type: At Source

Gradation By Sample

3/4" 2" 3/8" No. 4 No. 10 No. 50



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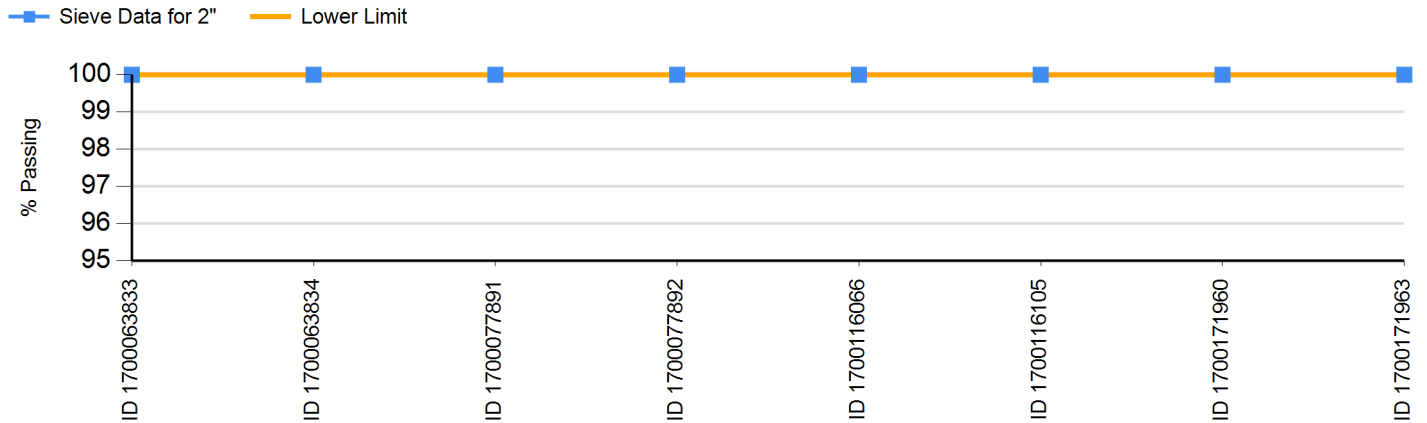
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Product: B12

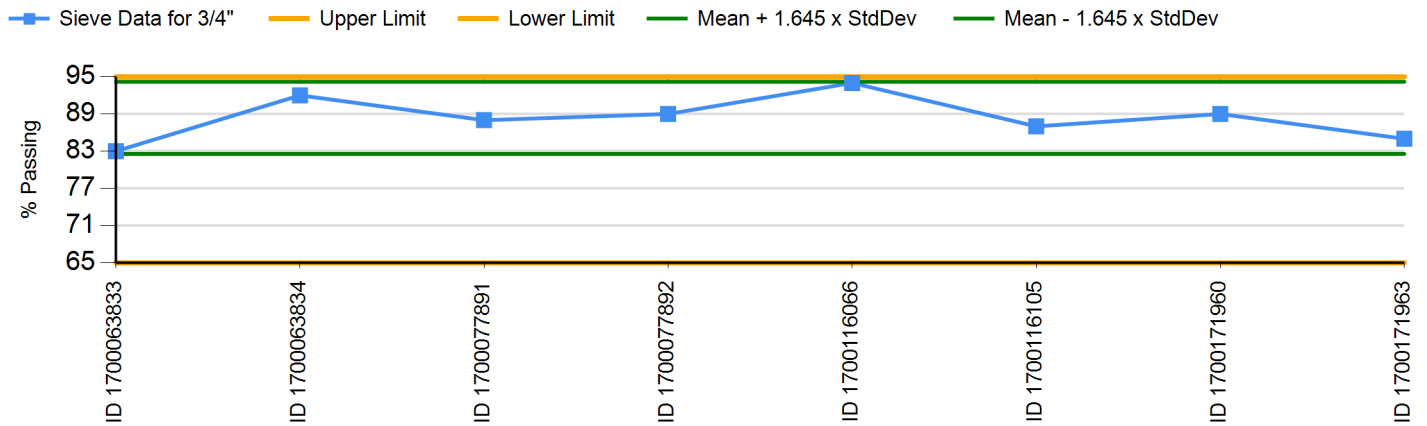
Process: 1

Sample Type: At Source

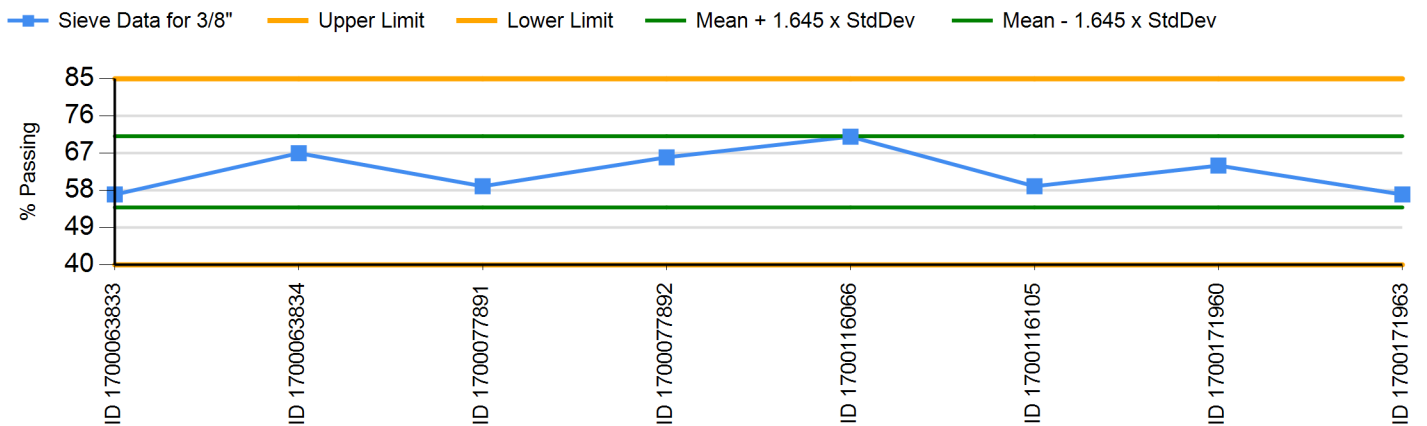
Gradation By Sample (2" Sieve)



Gradation By Sample (3/4" Sieve)



Gradation By Sample (3/8" Sieve)



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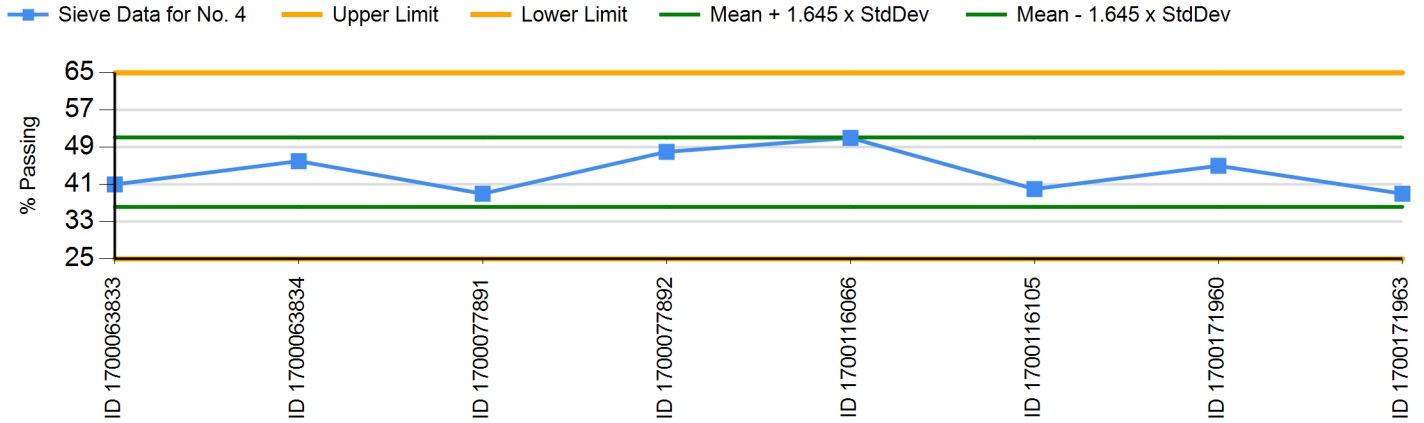
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Product: B12

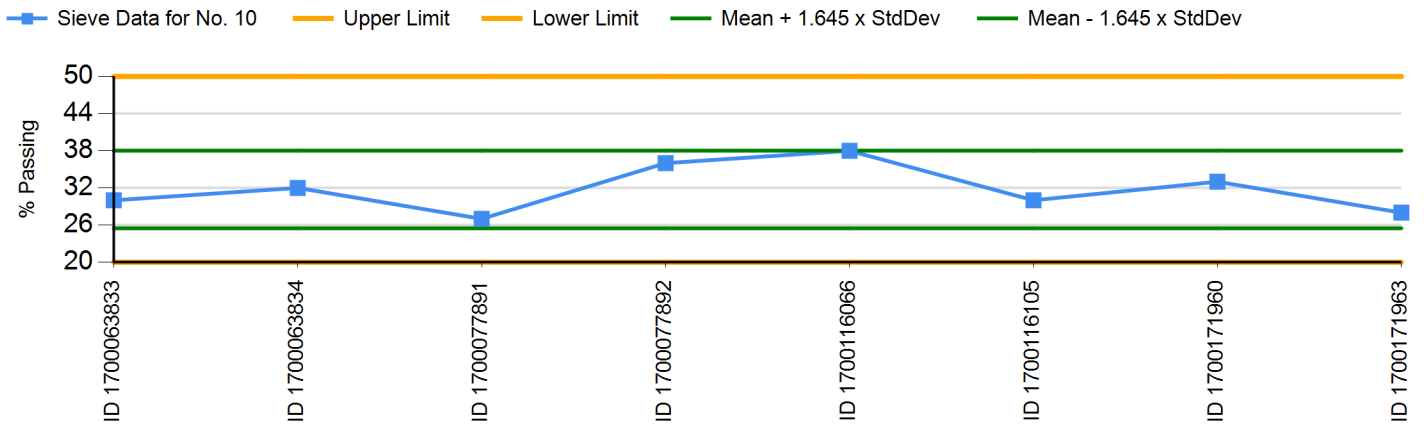
Process: 1

Sample Type: At Source

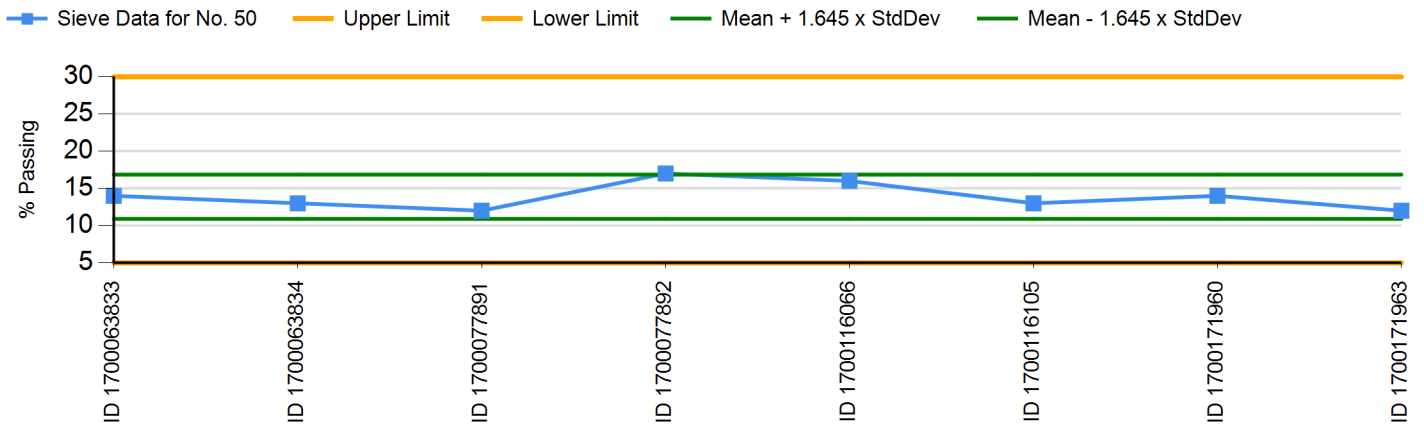
Gradation By Sample (No. 4 Sieve)



Gradation By Sample (No. 10 Sieve)



Gradation By Sample (No. 50 Sieve)



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Process: 1

Sample Type: At Source

LBR

—■ Data Display — Lower Limit

