

Statistical Data

Mine ID: 92757

Last 30 Samples in Date Range (1/7/2020 to 1/6/2021)

Sample Type: At Source

Sample Level: QC

Terminal ID:

Product: B02

Process: 1

Total Samples for 1 yr:
19

Geological Type: Road Base - Stabilizer Base Coquina Bank Run

Gradation Analysis

	Samples Found	Mean	Std. Dev.	Min	Max	Est. of Compliance	Z-value	Lower Limit	Upper Limit	Target
3 1/2" - Total Percent Passing	19	100.0	0.00	100.0	100.0	-	-	-	-	-
No. 4 - Total Percent Passing	19	64.8	7.21	51.0	77.0	OK	2.110	-	80.0	-

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	19	15.17	2.02	11.49	21.07	OK	2.391	-	20.00	-

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	19	139	16.2	110	177	OK		100	-	-
Maximum Density	19	130.3	1.00	127.6	132.3					
Percent Moisture	19	9.0	0.42	8.2	9.6					
Percent Pass 3.5" Sieve	17	88.2	33.21	0.0	100.0	-	-	-	-	-
Percent Pass No. 4 Sieve	19	68.8	5.84	55.0	77.0					

FSTM 5-514 % CO3

	Samples Found	Mean	Std. Dev.	Min	Max	Est. of Compliance	Z-value	Lower Limit	Upper Limit	Target
Percent Carbonate	19	57.6	3.02	50.0	63.4	OK		-	-	-

AASHTO T 89, T 90 Liquid and Plastic Limits

	Found (with Data)	Mean	Std. Dev.	Min	Max	Est. of Compliance	Z-value	Lower Limit	Upper Limit	Target
Liquid Limit	19	1	4.6	0	0	OK		-	-	-
Plastic Limit	19	1	4.1	0	0	OK		-	-	-
Plasticity Index	19	0	0	0	0	OK		-	-	-

Est. of Compliance using Z-Value

Gradation By Sample

#	Sample Date	MAC Sample ID	FDOT Sample #	3 1/2"	No. 4
1	12/22/2020	2000730775	205201	100.0	71.0
2	12/11/2020	2000727117	205001	100.0	74.0
3	10/23/2020	2000705139	204301	100.0	71.0
4	10/16/2020	2000703140	204201	100.0	68.0
5	10/9/2020	2000698703	204101	100.0	73.0
6	10/2/2020	2000696209	204001	100.0	70.0
7	8/5/2020	2000668411	203201	100.0	66.0
8	7/24/2020	2000662418	203001	100.0	60.0
9	7/17/2020	2000661545	202901	100.0	67.0
10	6/25/2020	2000648640	202601	100.0	77.0
11	5/22/2020	2000633970	202102	100.0	65.0
12	5/19/2020	2000633968	202101	100.0	63.0
13	5/12/2020	2000627718	202001	100.0	61.0
14	5/8/2020	2000625313	201902	100.0	52.0
15	5/5/2020	2000622540	201901	100.0	51.0
16	4/17/2020	2000616348	201602	100.0	64.0
17	4/17/2020	2000616279	201601	100.0	61.0
18	4/10/2020	2000611123	201501	100.0	62.0
19	3/26/2020	2000607573	201301	100.0	55.0

Minus 200 by Sample				
#	Sample Date	MAC Sample ID	FDOT Sample #	Result
1	12/22/2020	2000730775	205201	16.15
2	12/11/2020	2000727117	205001	11.49
3	10/23/2020	2000705139	204301	14.77
4	10/16/2020	2000703140	204201	14.12
5	10/9/2020	2000698703	204101	15.15
6	10/2/2020	2000696209	204001	14.25
7	8/5/2020	2000668411	203201	14.49
8	7/24/2020	2000662418	203001	13.25
9	7/17/2020	2000661545	202901	14.60
10	6/25/2020	2000648640	202601	12.65
11	5/22/2020	2000633970	202102	15.74
12	5/19/2020	2000633968	202101	17.43
13	5/12/2020	2000627718	202001	14.91
14	5/8/2020	2000625313	201902	14.16
15	5/5/2020	2000622540	201901	15.80
17	4/17/2020	2000616348	201602	21.07
16	4/17/2020	2000616279	201601	17.12
18	4/10/2020	2000611123	201501	15.76
19	3/26/2020	2000607573	201301	15.40

Start Weight by Sample				
#	Sample Date	MAC Sample ID	FDOT Sample #	Result
1	12/22/2020	2000730775	205201	21,820.0
2	12/11/2020	2000727117	205001	21,420.0
3	10/23/2020	2000705139	204301	20,340.0
4	10/16/2020	2000703140	204201	22,160.0
5	10/9/2020	2000698703	204101	22,280.0
6	10/2/2020	2000696209	204001	20,820.0
7	8/5/2020	2000668411	203201	21,180.0
8	7/24/2020	2000662418	203001	22,800.0
9	7/17/2020	2000661545	202901	21,220.0
10	6/25/2020	2000648640	202601	15,720.0
11	5/22/2020	2000633970	202102	20,400.0
12	5/19/2020	2000633968	202101	20,540.0
13	5/12/2020	2000627718	202001	20,360.0
14	5/8/2020	2000625313	201902	20,160.0
15	5/5/2020	2000622540	201901	20,580.0
17	4/17/2020	2000616348	201602	17,260.0
16	4/17/2020	2000616279	201601	21,140.0
18	4/10/2020	2000611123	201501	21,560.0
19	3/26/2020	2000607573	201301	20,933.6

Carbonates(CO3) by Sample				
#	Sample Date	MAC Sample ID	FDOT Sample #	Result
1	12/22/2020	2000730775	205201	58.3
2	12/11/2020	2000727117	205001	50.0
3	10/23/2020	2000705139	204301	62.7
4	10/16/2020	2000703140	204201	63.4
5	10/9/2020	2000698703	204101	59.9
6	10/2/2020	2000696209	204001	57.9
7	8/5/2020	2000668411	203201	57.3
8	7/24/2020	2000662418	203001	58.2
9	7/17/2020	2000661545	202901	58.2
10	6/25/2020	2000648640	202601	54.8
11	5/22/2020	2000633970	202102	54.6
12	5/19/2020	2000633968	202101	54.8
13	5/12/2020	2000627718	202001	57.7
14	5/8/2020	2000625313	201902	58.5
15	5/5/2020	2000622540	201901	59.2
17	4/17/2020	2000616348	201602	59.1
16	4/17/2020	2000616279	201601	56.0
18	4/10/2020	2000611123	201501	57.9
19	3/26/2020	2000607573	201301	56.1

FSTM FM 5-515 LBR by Sample									
#	Sample Date	MAC Sample ID	FDOT Sample #	Limerock Bearing	Proctor Maximum	Percent Moisture	Percent Pass 3.5"	Percent Pass No. 4	
				Ratio	Density		Sieve	Sieve	
1	12/22/2020	2000730775	205201	122	130.2	8.9	100.0	71.0	
2	12/11/2020	2000727117	205001	167	130.2	9.4	100.0	77.0	
3	10/23/2020	2000705139	204301	110	129.6	9.3	100.0	71.7	
4	10/16/2020	2000703140	204201	155	130.6	9.1	100.0	72.1	
5	10/9/2020	2000698703	204101	177	131.3	9.1	100.0	74.8	
6	10/2/2020	2000696209	204001	136	129.9	9.5	100.0	70.9	
7	8/5/2020	2000668411	203201	129	129.6	8.3	100.0	70.9	
8	7/24/2020	2000662418	203001	132	127.6	9.6	100.0	75.0	
9	7/17/2020	2000661545	202901	145	130.3	9.1	100.0	70.2	
10	6/25/2020	2000648640	202601	127	129.2	9.3	100.0	74.6	
11	5/22/2020	2000633970	202102	123	130.0	9.2	100.0	69.3	
12	5/19/2020	2000633968	202101	125	130.7	9.1	100.0	72.0	
13	5/12/2020	2000627718	202001	146	129.5	9.5	100.0	61.0	
14	5/8/2020	2000625313	201902	153	130.4	8.7	100.0	67.4	
15	5/5/2020	2000622540	201901	140	131.2	8.3	100.0	68.4	
17	4/17/2020	2000616348	201602	145	131.2	8.5	100.0	63.0	
16	4/17/2020	2000616279	201601	133	131.1	9.0	100.0	61.0	
18	4/10/2020	2000611123	201501	138	130.1	9.0	100.0	62.0	
19	3/26/2020	2000607573	201301	140	132.3	8.2	100.0	55.0	

AASHTO T 89, T 90 Liquid and Plastic Limits

#	Sample Date	MAC Sample ID	FDOT Sample #	Liquid Limit	Plastic Limit	Plasticity Index
1	12/22/2020	2000730775	205201	0	0	0
2	12/11/2020	2000727117	205001	0	0	0
3	10/23/2020	2000705139	204301	0	0	0
4	10/16/2020	2000703140	204201	0	0	0
5	10/9/2020	2000698703	204101	0	0	0
6	10/2/2020	2000696209	204001	0	0	0
7	8/5/2020	2000668411	203201	0	0	0
8	7/24/2020	2000662418	203001	0	0	0
9	7/17/2020	2000661545	202901	0	0	0
10	6/25/2020	2000648640	202601	0	0	0
11	5/22/2020	2000633970	202102	0	0	0
12	5/19/2020	2000633968	202101	0	0	0
13	5/12/2020	2000627718	202001	0	0	0
14	5/8/2020	2000625313	201902	0	0	0
15	5/5/2020	2000622540	201901	0	0	0
17	4/17/2020	2000616348	201602	0	0	0
16	4/17/2020	2000616279	201601	0	0	0
18	4/10/2020	2000611123	201501	0	0	0
19	3/26/2020	2000607573	201301	0	0	0

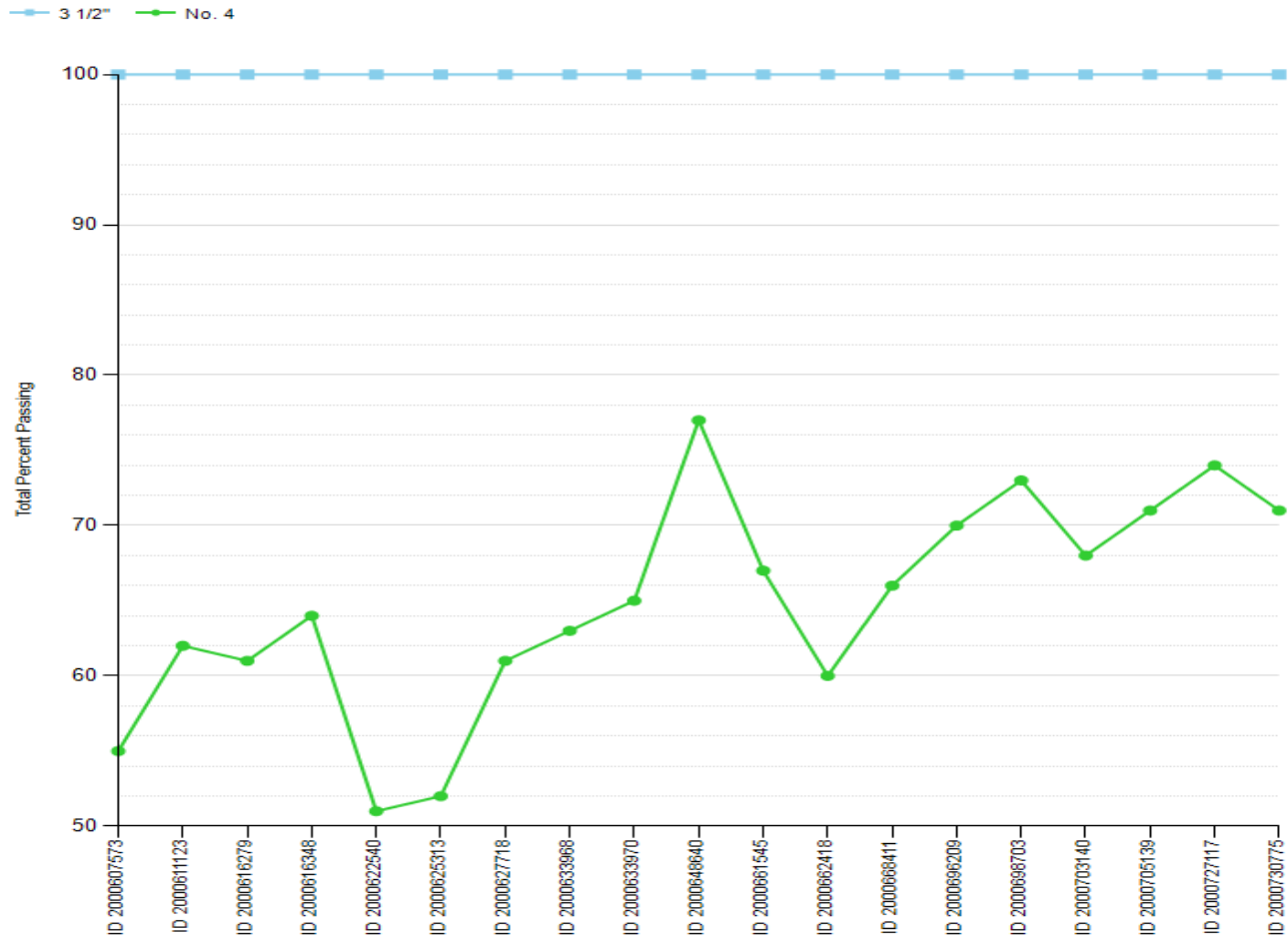
Terminal ID:

Product: B02

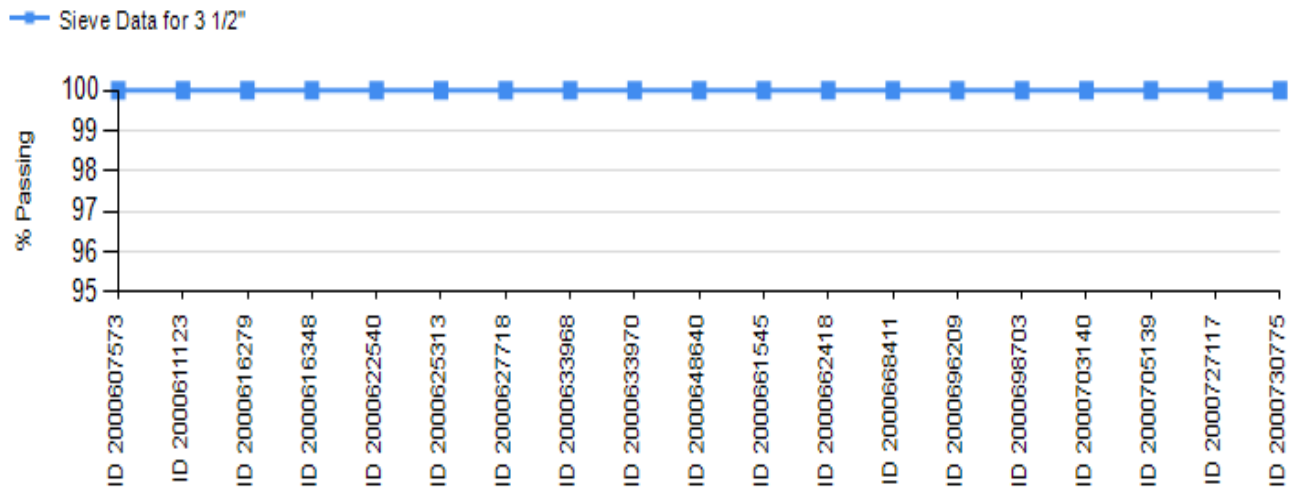
Process: 1

Sample Type: At Source

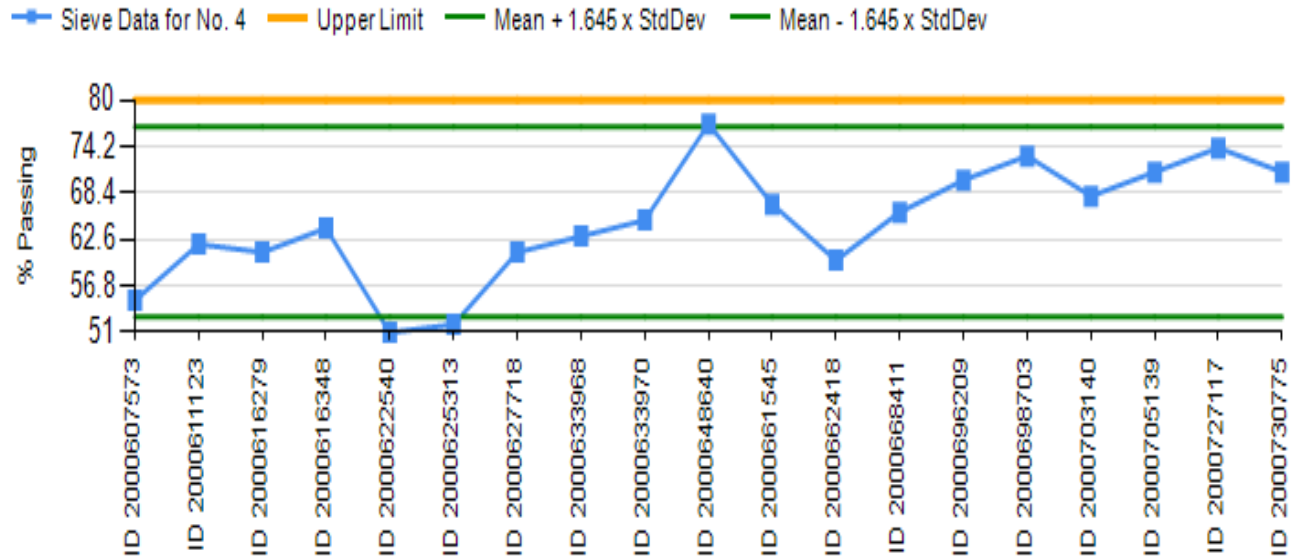
Gradation By Sample



Gradation By Sample (3 1/2" Sieve)



Gradation By Sample (No. 4 Sieve)



LBR

