PLANT :	#: <u>.</u>	P-102					Contractor:					
Sample Date): _	6/3/24		(Concrete Grade	: DM, 4500HP						
Dates Test R	<pre>epresents:</pre>	6/4/2024	through	6/10/2024			MDOT No.:					
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution						
6AA	58-003	Stoneco	1400	8.34	2.69	47.5						
26A	58-003	Stoneco	400	2.38	2.69	13.6						
2NS	63-114	Highland	1150	6.95	2.65	39.0				SUP	ERIOR	
		Total Wt	2950	17.68		100.0	< Verify this n	umber is 100%		MATI	FRIALS	
Sieve	6	AA	26	A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained			<u>Materials, LLC</u> 10 Mile Rd.	
2"	1/	00.0	10	2.0	100.0	100.0	0.0	0.0	Suite 500			
1.5"		00.0	10		100.0	100.0	0.0	0.0		Farmingto	n Hills, MI 48336	
1"		00.0	10		100.0	100.0	0.0	0.0				
3/4"		34.2	10	0.0	100.0	92.5	7.5	7.5				
1/2"	3	37.8	99	.5	100.0	70.4	22.1	29.6				
3/8"	1	3.0	86	.9	100.0	56.9	13.5	43.1	*Maximum % Retained must be above the 3/8		above the 3/8" sieve.	
#4		1.4	5		98.7	39.9	17.1	60.1	*Any two adja	cent sieves must e	qual 10% except max.,	
#8		0.9	1.		85.2	33.9	6.0	66.1	nom. max., #1	00 and #200 sieves	S.	
#16		0.8	1.		69.3	27.6	6.3	72.4			6 for each sieve except	
#30		0.8	1.		49.8	19.9	7.6	80.1	,	00 and #200 sieves		
#50		0.7	1.0		18.5	7.7	12.3	92.3			6 for the 3/4" sieve whe	
#100 LBW		0.7 1.0 0.6 0.8			3.0 0.6	1.6 0.6	6.0 1.0	98.4 99.4	a 1.5" max. siz	e (nom. Max. 1.0")	aggregate is used.	
Production G		Batch Plant Gra		regate Supplier Gra				on Sample (IPS	3)			
	ess Factor:	65	Work	ability Factor	34	36.4		eness Factor:	61			
					0.			ability Factor:	36			
45								Cumulative	%	Cumulative		
	45, 44				JMF Zone		Sieve	% Passing	Retained	% Retained		
1		52, 41	40	67 40			2"	100.0	0.0	0.0		
G ⁴⁰					75, 39		1.5"	100.0	0.0	0.0		
8				68, 38	Ĭ		1"	99.3	0.7	0.7		
j.				Poduction (Gradation		3/4"	89.2	10.1	10.8		
Factor (%)				!			1/2"	70.7	18.5	29.3		
ш 1	\rightarrow	52, 34	+	i			3/8"	60.7	10.0	39.3		
	45, 33			╾╾╼┛			#4	44.4	16.3	55.6		
	1			67, 32, 31			#8	35.9	8.5	64.1		
							#16 #30	27.3 19.1	8.6 8.2	72.7		
	Operating Zone											
	Operating Zone Boundary				75, 28					80.9		
ility							#50	7.4	11.7	92.6		
Workability		 	5 6 0	⁶⁵ Factor (%)		80						

Approved By:

PLANT #	-	P-103					Contractor:					
Sample Date): -	6/3/24		C	Concrete Grade	: DM, 4500HP						
Dates Test R	Represents:	6/4/2024	through	6/10/2024			MDOT No.:					
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution						
6AA	58-003	Stoneco	1400	8.34	2.69	47.5						
26A	58-003	Stoneco	400	2.38	2.69	13.6						
2NS	63-114	Highland	1150	6.95	2.65	39.0				SUD	ERIOR	
		Total Wt	2950	17.68		100.0	< Verify this n	umber is 100%	•	MATE	RIALS	
Sieve	6	AA	26	Α	2NS	Cumulative % Passing	% Retained	Cumulative % Retained			Materials, LLC 10 Mile Rd.	
2"	1	0.0	100).0	100.0	100.0	0.0	0.0		Suite 500		
1.5"		0.0	100		100.0	100.0	0.0	0.0		Farmington Hills, MI 48336		
1"		0.0	100		100.0	100.0	0.0	0.0				
3/4"	-	4.2	100		100.0	92.5	7.5	7.5				
1/2"		7.8	99		100.0	70.4	22.1	29.6				
3/8"		3.0	86		100.0	56.9	13.5	43.1			above the 3/8" sieve.	
#4		1.4	5.		98.7	39.9	17.1	60.1			qual 10% except max.,	
#8 #16).9).8	<u> </u>		85.2	33.9 27.6	6.0 6.3	66.1		00 and #200 sieves		
#16 #30).8).8	1.		69.3 49.8	19.9	<u> </u>	72.4 80.1			6 for each sieve except r	
#50).7	1.		18.5	7.7	12.3	92.3		00 and #200 sieves	5. 6 for the 3/4" sieve wher	
#100		0.7	1.	-	3.0	1.6	6.0	98.4		e (nom. Max. 1.0")		
LBW		0.6	0.		0.6	0.6	1.0	99.4		o (nom: max: 1.0)	aggrogato to acoa.	
Production G	Gradation	🔵 Batch Plant Gra	dations 💿 Agg	regate Supplier Gra	adations	Adjusted WF	Intial Production	on Sample (IPS	3)			
Coarsene	ess Factor:	65	Work	ability Factor:	34	36.4		eness Factor:	61			
				,, ,				ability Factor:	36			
45								Cumulative	%	Cumulative		
- 4	45, 44				JMF Zone		Sieve	% Passing	Retained	% Retained		
1		52, 41		67 40			2"	100.0	0.0	0.0		
2 ⁴⁰		- 36			75, 39		1.5"	100.0	0.0	0.0		
8 I				68, 38			1"	99.3	0.7	0.7		
2				Poduction G	Gradation		3/4"	89.2	10.1	10.8		
÷. 1							1/2"	70.7	18.5	29.3		
2 35 -	\rightarrow	52, 34	+	!			3/8"	60.7	10.0	39.3		
			Ĺ				#4	44.4	16.3	55.6		
ity Fac	45, 33	56	32	67, 32, 31			#8	35.9	8.5	64.1		
bility Fac	45, 33	50,					#16	27.3	8.6	72.7		
kability Fac								=				
orkability Fac	45, 33 Operating Zone Boundary]			75, 28		#30	19.1	8.2	80.9		
Workability Fa	Operating Zone				75, 28		#30 #50		8.2 11.7			
Norkability Fac	Operating Zone	50 55		Factor (%)	· · · · · · · · · ·	80	#30	19.1	8.2	80.9		

Approved BY: May 1. Ball

PLANT #	#:	12					Contractor:			_
Sample Date	:	6/3/24			Concrete Grade	: DM, 4500HP				•
Dates Test R	epresents:	6/4/2024	through	6/10/2024			MDOT No.:			
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution				•
6AA	71-47	Presque Isle	1605	9.82	2.62	55.2	1			
26A	71-47	Presque Isle	150	0.92	2.62	5.2				
2NS	63-115	Ray Rd	1150	6.95	2.65	39.6				
		Total Wt	2905	17.69		100.0	< Verify this n	umber is 100%		
Sieve			26	6A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained		<u>Su</u> 30
2"	1	100.0	100	0.0	100.0	100.0	0.0	0.0		Su
1.5"	1	100.0	100	0.0	100.0	100.0	0.0	0.0		Fa
1"		98.4	100	0.0	100.0	99.1	0.9	0.9		
3/4"		87.2	100	0.0	100.0	92.9	6.2	7.1		
1/2"		52.1	95	5.0	100.0	73.3	19.7	26.7		
3/8"		31.6	84	.4	100.0	61.4	11.9	38.6	*Maximum %	Retained
#4		4.8	26	5.8	96.0	42.0	19.4	58.0	*Any two adja	acent siev
#8		2.2	8.	.8	81.3	33.9	8.2	66.1	nom. max., #10	00 and #
#16		2.0	4.	.2	65.5	27.3	6.6	72.7	*% Retained	must be
#30		1.9	3.	-	49.6	20.8	6.4	79.2	nom. max., #10	00 and #
#50		1.8	2.		25.3	11.1	9.7	88.9	*% Retained	must be
#100		1.8	2.		4.7	3.0	8.2	97.0	a 1.5" max. siz	e (nom. I
LBW		1.6	2.		0.6	1.2	1.7	98.8		
Production G		Batch Plant Gra		regate Supplier G	-	,		on Sample (IPS	,	-
Coarsene	ess Factor:	58	Work	ability Factor	: 34	36.4		eness Factor:	63	
45						—)	Work	ability Factor:	36	
	45, 44				JMF Zone		Sieve	Cumulative	% Deteined	Cum
1		52, 41	57 40	68, 40			2"	% Passing	Retained	% Re
			57,40		75, 39		<u>2</u> " 1.5"	100.0 100.0	0.0	0
(%) [™] [!	68, 3	3		1.0	100.0	0.0	

75, 28

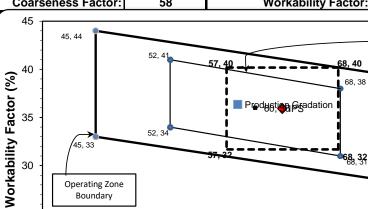
80

75



uperior Materials, LLC 0701 W. 10 Mile Rd. uite 500 armington Hills, MI 48336

d must be above the 3/8" sieve. ves must equal 10% except max., 200 sieves. at least 4% for each sieve except max., 200 sieves. at least 4% for the 3/4" sieve when Max. 1.0") aggregate is used.



55

 $\mathbf{Coarseness} \ \mathbf{Factor} \ \mathbf{(\%)}^{70}$

VVF	Initial Flouucti	on Sample (IPS)		
	Coars	seness Factor:	63		
	Work	ability Factor:	36		
	Sieve	Cumulative	%	Cumulative	
	Sieve	% Passing	Retained	% Retained	
	2"	100.0	0.0	0.0	
	1.5"	100.0	0.0	0.0	
	1"	99.3	0.7	0.7	
	3/4"	89.0	10.3	11.0	
	1/2"	70.3	18.7	29.7	
	3/8"	59.9	10.4	40.1	
	#4	41.9	18.0	58.1	
	#8	35.9	6.0	64.1	
	#16	27.8	8.2	72.2	
	#30	18.9	8.8	81.1	
	#50	6.3	12.6	93.7	
	#100	1.7	4.6	98.3	
	LBW	1.0	0.7	99.0	

PREPARED BY: SM, LLC Technical Service

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Operating Zone

Boundary

45 ActionLimits Boundary = - - - - -

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PLANT #	#:	p11					Contractor:				
Sample Date	:	6/3/24		С	oncrete Grade:	DM, 4500HP					
Dates Test R	epresents:	6/4/2024	through	6/10/2024			MDOT No.:				
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution					
6AA	71-47	Presque Isle	1405	8.59	2.62	48.4					
26A	71-47	Presque Isle	350	2.14	2.62	12.0					
2NS	95-013	Smelter Bay	1150	6.95	2.65	39.6				SUP	ERIOR
Ĩ		Total Wt	2905	17.69		100.0	< Verify this n	umber is 100%	•	MATE	RIALS
Sieve	(6AA	26	A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained		30701 W.	Materials, LLC 10 Mile Rd.
2"		00.0	100		100.0	100.0	0.0	0.0	Suite 500		
1.5"		00.0	100		100.0	100.0	0.0	0.0	l	Farmingto	n Hills, MI 48336
1"		96.9	100		100.0	98.5	1.5	1.5			
3/4"		71.5	100		100.0	86.2	12.3	13.8			
1/2"		34.5	95		100.0	67.7	18.5	32.3			
3/8"		20.4	84		100.0	59.6	8.1	40.4			above the 3/8" sieve.
#4		4.6		.8	95.9	43.4	16.2	56.6	· ·		equal 10% except max.
#8 #16	2.9 2.4		8.		84.4 69.4	35.9 29.1	7.5 6.7	64.1 70.9		0 and #200 sieves	
#16 #30		2.4	3.		49.5	29.1	8.1	70.9			6 for each sieve except
#50	2.2		2.		22.9	10.4	10.6	89.6		0 and #200 sieves	6. 6 for the 3/4" sieve whe
#100		2.0	2.		6.6	3.9	6.6	96.1			aggregate is used.
LBW		1.2	2.		1.1	1.3	2.6	98.7	a 1.5 max. 512		aggregate is used.
Production G	Gradation	O Batch Plant Gra	dations 💿 Aggi	egate Supplier Grac	lations	Adjusted WF	Intial Production	on Sample (IPS	5)		
Coarsene	ess Factor:	63	Work	ability Factor:	36	38.4	Coars	eness Factor:	62		
45							Work	ability Factor:	36		
	45, 44				JMF Zone		Cierre	Cumulative	%	Cumulative	
-		52, 41			31411 20110		Sieve	% Passing	Retained	% Retained	
40		56	i. 40	67, 40			2"	100.0	0.0	0.0	
%				Productico Gradati	75, 39		1.5"	100.0	0.0	0.0	
ř.			-				1"	100.0	0.0	0.0	
0 35			■ 6 () 318	s 📔			3/4"	95.0	5.0	5.0	
Ľ Š		52, 34		<u>i</u>			1/2"	72.3	22.8	27.7	
<u>ح</u>	45, 33	52, 54					3/8"	60.4	11.8	39.6	
	/	50	, 32	67, 32 68, 31			#4 #8	42.6 36.0	17.8 6.6	57.4 64.0	
g ³⁰		-		55,01			#8 #16	36.0 29.5	6.6 6.5	64.0 70.5	
Workability Factor (%)	Operating Zone				75, 28		#10	29.5	9.2	70.5	
	Boundary				-,		#30	9.5	9.2	90.5	
25 +							#100	3.4	6.1	96.6	

75

80

#100

LBW

3.4

1.3

6.1

2.1

96.6

98.7

PREPARED BY: SM, LLC Technical Service

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ActionLimits Boundary = - - - - -

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 $\mathbf{Coarseness} \ \mathbf{Factor} \ \mathbf{(\%)}^{70}$

Approved By:

Mart 1. Ball

PLANT a	#:	P-35					Contractor:					
Sample Date):	6/3/24		C	Concrete Grade	DM, 4500HP						
Dates Test R	Represents:	6/4/2024	through	6/10/2024			MDOT No.:					
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution						
6AA	58-003	Stoneco	1400	8.34	2.69	47.5						
26A	58-003	Stoneco	400	2.38	2.69	13.6						
2NS	81-019	Pleasant Lake	1150	6.95	2.65	39.0				SUP	ERIOR	
		Total Wt	2950	17.68		100.0	< Verify this n	umber is 100%	1	MATE	RIALS	
Sieve	(6AA	26	A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained		Superior 30701 W. 1	Materials, LLC 10 Mile Rd.	
2"	1	00.0	100	0.0	100.0	100.0	0.0	0.0		Suite 500		
1.5"	1	00.0	100	0.0	100.0	100.0	0.0	0.0		Farmingto	n Hills, MI 48336	
1"		00.0	100		100.0	100.0	0.0	0.0				
3/4"		84.2	100	-	100.0	92.5	7.5	7.5				
1/2"		37.8	99.		100.0	70.4	22.1	29.6				
3/8"		13.0	86.		100.0	56.9	13.5	43.1			above the 3/8" sieve.	
#4		1.4	5.	-	99.0	40.0	17.0	60.0			qual 10% except max.	
#8		0.9	1.		87.0	34.6	5.4	65.4	nom. max., #100 and #200 sieves.			
#16 #30		0.8 0.8	1.:		64.4 40.8	25.7 16.4	8.9 9.2	74.3 83.6	*% Retained must be at least 4% for each sieve exception nom. max., #100 and #200 sieves.			
#50		0.7	1.		18.3	7.6	9.2 8.8	92.4			o for the 3/4" sieve whe	
#100		0.7	1.0		3.6	1.9	5.7	98.1		e (nom. Max. 1.0")		
LBW		0.6	0.0		0.4	0.5	1.3	99.5		e (nem max ne)	aggrogato to accar	
Production G	Gradation	O Batch Plant Gra	dations 💿 Aggr	egate Supplier Gra	dations	Adjusted WF	Intial Production	on Sample (IPS	5)			
	ess Factor:	66	Work	ability Factor:	35	37.1		eness Factor:	, 61			
				,				ability Factor:	36			
45					[Cumulative	%	Cumulative		
- '	45, 44				JMF Zone		Sieve	% Passing	Retained	% Retained		
1		52, 41					2"	100.0	0.0	0.0		
2 ⁴⁰		56,	40		75, 39		1.5"	100.0	0.0	0.0		
<u>ک</u>			!	68, 38	T		1"	99.3	0.7	0.7		
D I			■ <u>69</u> ,136	Rroduction	Gradation		3/4"	89.1	10.2	10.9		
5 35			- ♥1PS	i			1/2"	70.5	18.6	29.5		
Щ į		52, 34		!			3/8"	60.5	10.0	39.5		
li j	45, 33						#4	44.1	16.4	55.9		
iq 30		56,	31	67, 88 , 31			#8	35.6	8.5	64.4		
8 1	Operating Zone						#16	27.7	7.9	72.3		
	Boundary				75, 28		#30	20.6	7.1	79.4		
v i							#50	8.7	11.8	91.3		
Workability Factor (%)							114.00	4.0	74	00.4		
25 40	45	50 55	60 Coarseness	65 70	75	80	#100 LBW	1.6 1.1	7.1 0.6	98.4 98.9		

Approved By:

PLANT i		P-38					Contractor:				
Sample Date	:	6/3/24		С	concrete Grade	DM, 4500HP					
Dates Test R	Represents:	6/4/2024	through	6/10/2024			MDOT No.:				
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution					
6AA	58-003	Stoneco	1400	8.34	2.69	47.5					
26A	58-003	Stoneco	400	2.38	2.69	13.6					
2NS	81-019	Pleasant Lake	1150	6.95	2.65	39.0				SUP	ERIOR
		Total Wt	2950	17.68		100.0	< Verify this n	umber is 100%		MATE	RIALS
Sieve		6AA	26	A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained		<u>Superior I</u> 30701 W. 1	Materials, LLC 10 Mile Rd.
2"	1	00.0	100	0.0	100.0	100.0	0.0	0.0		Suite 500	
1.5"		00.0	100	-	100.0	100.0	0.0	0.0		Farmingtor	n Hills, MI 48336
1"		00.0	100		100.0	100.0	0.0	0.0			
3/4"		84.2	100		100.0	92.5	7.5	7.5			
1/2"		37.8	99	-	100.0	70.4	22.1	29.6			
3/8"		13.0	86		100.0	56.9	13.5	43.1			above the 3/8" sieve.
#4		1.4	5.		99.0	40.0	17.0	60.0			qual 10% except max.,
#8		0.9	1.		87.0	34.6	5.4	65.4	-	00 and #200 sieves	
#16 #30		0.8	1.	-	64.4 40.8	25.7 16.4	8.9 9.2	74.3 83.6			for each sieve except
#30 #50		0.7	1.		18.3	7.6	9.2 8.8	92.4	,	00 and #200 sieves	o for the 3/4" sieve whe
#100		0.7	1.	-	3.6	1.9	5.7	98.1		e (nom. Max. 1.0") :	
LBW		0.6	0.		0.4	0.5	1.3	99.5	a 1.5 max. 312		aggregate is used.
Production G	Gradation	O Batch Plant Gra	dations 💿 Agg	regate Supplier Gra	adations	Adjusted WF	Intial Production	on Sample (IPS	3)		
Coarsene	ess Factor:	66	Work	ability Factor:	35	37.1		eness Factor:	, 61		
								ability Factor:	36		
45								Cumulative	%	Cumulative	
	45, 44				JMF Zone		Sieve	% Passing	Retained	% Retained	
-		52, 41					2"	100.0	0.0	0.0	
-		56,	10	07,40	75, 39		1.5"	100.0	0.0	0.0	
4 0 ¹				68, 38			1"	99.3	0.7	0.7	
8 ⁴⁰			1	Hroduction	Gradation		3/4"	89.1	10.2	10.9	
(%) JO				_ . !			1/2"	70.5	18.6	29.5	
40 35 35			∎ % 1₿§					70.5	10.0		
Factor (%)		52, 34	■ 🏟 198				3/8"	60.5	10.0	39.5	
ity Factor (%) 52 29	45, 33	52, 34						60.5 44.1			
bility Factor (%)	45, 33	52, 34 56,		67, 84 31			3/8"	60.5 44.1 35.6	10.0 16.4 8.5	39.5 55.9 64.4	
kability Factor (%) 00 01 02 02 04 04 04 04 04 04 04 04 04 04	45, 33 Operating Zone	56,	ۇۋ _ا نې 1	67, 84, 31			3/8" #4 #8 #16	60.5 44.1 35.6 27.7	10.0 16.4 8.5 7.9	39.5 55.9 64.4 72.3	
(orkability Factor (%)		56,	9 €11 9 1 1 31	67, 69 , 31	75, 28		3/8" #4 #8 #16 #30	60.5 44.1 35.6 27.7 20.6	10.0 16.4 8.5 7.9 7.1	39.5 55.9 64.4 72.3 79.4	
Workability Factor (%)	Operating Zone	56,	9€ € 9	67, 69 , 31	75, 28		3/8" #4 #8 #16 #30 #50	60.5 44.1 35.6 27.7 20.6 8.7	10.0 16.4 8.5 7.9 7.1 11.8	39.5 55.9 64.4 72.3 79.4 91.3	
Morkability Factor (%)	Operating Zone	56,		67, 64 31 Factor (%) ⁷⁰	75,28	80	3/8" #4 #8 #16 #30	60.5 44.1 35.6 27.7 20.6	10.0 16.4 8.5 7.9 7.1	39.5 55.9 64.4 72.3 79.4	

Approved By:

PLANT #		P-O2					Contractor:			-		
Sample Date		6/3/24			oncrete Grade	: DM, 4500HP						
Dates Test R	epresents:	6/4/2024	through	6/10/2024			MDOT No.:			-		
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution						
6AA	71-47	Presque Isle	1605	9.82	2.62	55.2						
26A	71-47	Presque Isle	150	0.92	2.62	5.2						
2NS	63-115	Ray Rd	1150	6.95	2.65	39.6				SUP	ERIOR	
		Total Wt	2905	17.69		100.0	< Verify this n	umber is 100%	1	MATE	RIALS	
Sieve	(6AA	26	A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained		<u>Superior</u> 30701 W. :	<u>Materials, LLC</u> 10 Mile Rd.	
2"	1	00.0	100).0	100.0	100.0	0.0	0.0		Suite 500		
1.5"		00.0	100		100.0	100.0	0.0	0.0		Farmingto	n Hills, MI 48336	
1"		98.4	100		100.0	99.1	0.9	0.9	G , 111			
3/4"	8	37.2	100).0	100.0	92.9	6.2	7.1				
1/2"		52.1	95		100.0	73.3	19.7	26.7				
3/8"		31.6	84		100.0	61.4	11.9	38.6			above the 3/8" sieve.	
#4		4.8	26		96.0	42.0	19.4	58.0			qual 10% except max.,	
#8		2.2	8.	-	81.3	33.9	8.2	66.1		00 and #200 sieves		
#16		2.0	4.		65.5	27.3	6.6	72.7			for each sieve except	
#30 #50		1.9 1.8	3.		49.6 25.3	20.8 11.1	<u>6.4</u> 9.7	79.2 88.9	,	00 and #200 sieves		
#30		1.8	2.		4.7	3.0	8.2	97.0		Retained must be at least 4% for the 3/4" sieve when5" max. size (nom. Max. 1.0") aggregate is used.		
LBW		1.6	2.		0.6	1.2	1.7	98.8	a 1.5 max. 312	e (1011. Max. 1.0)	aggregate is used.	
Production G	radation	Batch Plant Gra	dations 💿 Aggi	egate SupplierGrad	ations	Adjusted WF	Intial Production	on Sample (IPS	5)			
Coarsene	ess Factor:	58	Work	ability Factor:	34	36.4	Coars	eness Factor:	63			
							Work	ability Factor:	35			
45		_			JMF Zone			Cumulative	%	Cumulative		
- 4	45, 44				JIVIF ZONE		Sieve	% Passing	Retained	% Retained		
		52, 41					2"	100.0	0.0	0.0		
ू ⁴⁰ ।			58, 39	68, 39 68, 38	75, 39		1.5"	100.0	0.0	0.0		
<u>ව</u>			i	00, 30	I		1"	100.0	0.0	0.0		
			Producțien	Gradation			3/4"	95.1	4.9	4.9		
ţ			· · · · · · · · · · · · · · · · · · ·	IPS			1/2"	74.6	20.5	25.4		
actor 35		<u> </u>		1			3/8" #4	59.3 42.1	15.3	40.7		
y Factor		52, 34						47.1	17.2	57.9		
Ility Factor	45, 33	52, 34							71			
ability Factor			58, 31	6 8 8.331			#8	35.1	7.1	64.9		
orkability Factor	Operating Zone		58, 31	688,331			#8 #16	35.1 29.2	5.9	64.9 70.8		
Workability Factor			58, 31	688,331	75, 28		#8 #16 #30	35.1 29.2 21.9	5.9 7.3	64.9 70.8 78.1		
ability Fa	Operating Zone			66; 34 Factor (%) ⁷⁰	75, 28		#8 #16	35.1 29.2	5.9	64.9 70.8		

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