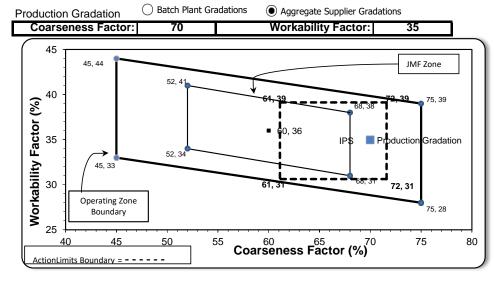
PLANT :	#:	P-101					Contractor:							
Sample Date):	5/16/22			Concrete Grade:	P1M, 3500HP								
Dates Test R	epresents:	5/17/2022	through	5/23/2022			MDOT No.:							
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution								
CA	71-47	Presque Isle	1070	6.54	2.62	34.9								
IA	71-47	Presque Isle	800	4.89	2.62	26.1								
2NS	75-051	Mid Michigan	1200	7.23	2.66	39.1								
		Total Wt	3070	18.67		100.0	< Verify this n	umber is 100%						
Sieve		CA	1/	4	2NS	Cumulative % Passing	% Retained	Cumulative % Retained						
2"	1	100.0	100	0.0	100.0	100.0	0.0	0.0	1					
1.5"		98.5	100	0.0	100.0	99.5	0.5	0.5						
1"	4	49.1	100 99 79	0.0	100.0	82.3	17.2	17.7						
3/4"		13.1).1	100.0	69.5	12.8	30.5	
1/2"		3.3							79	79	79	79	79	.2
3/8"		2.4	55	5.9	100.0	54.5	6.4	45.5	*					
#4		1.8	14	.6	98.5	42.9	11.6	57.1	*					
#8		1.7	7.	.0	83.3	35.0	8.0	65.0	no					
#16		1.7	4.	.5	68.3	28.5	6.5	71.5	*					
#30		1.6	3.	3.6		22.3	6.1	77.7	nc					
#50		1.6	3.	.2	29.2	12.8	9.5	87.2	*					
#100		1.5	2.		7.3	4.1	8.7	95.9	a 2					
LBW		1.3	2.	5	0.6	1.3	2.8	98.7	1					



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Maximum % Retained must be above the 3/8" sieve. Any two adjacent sieves must equal 10% except max., om. max., #100 and #200 sieves. % Retained must be at least 4% for each sieve except max., om. max., #100 and #200 sieves. % Retained must be at least 8% for the 1" sieve when 2" max. size (nom. Max. 1.5") aggregate is used.



Initial Producti	on Sample (IPS	S)	_
Coars	eness Factor:	66	
Work	ability Factor:	35	
Sieve	Cumulative	%	Cumulative
Sieve	% Passing	Retained	% Retained
2"	100.0	0.0	0.0
1.5"	99.6	0.4	0.4
1"	84.3	15.3	15.7
3/4"	74.8	9.6	25.2
1/2"	64.3	10.4	35.7
3/8"	56.8	7.5	43.2
#4	43.0	13.8	57.0
#8	34.9	8.1	65.1
#16	26.4	8.5	73.6
#30	19.9	6.5	80.1
#50	10.4	9.5	89.6
#100	3.4	7.0	96.6
LBW	1.2	2.2	98.8

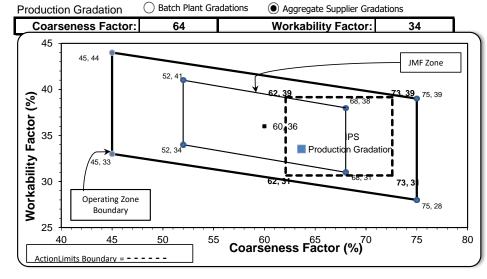
Approved By: Mart 1. Ball

PLANT #	#:	P-102					Contractor:										
Sample Date	:	5/16/22			Concrete Grade:	P1M, 3500HP											
Dates Test R	epresents:	5/17/2022	through	5/23/2022			MDOT No.:										
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution											
CA	58-003	Stoneco	1370	8.16	2.69	43.9											
IA	58-003	Stoneco	550	3.28	2.69	17.6											
2NS	81-019	Pleasant Lake	1200	7.26	2.65	38.5											
		Total Wt	3120	18.70		100.0	< Verify this n	umber is 100%	_								
Sieve		CA	IA	A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained									
2"		100.0	100	0.0	100.0	100.0	0.0	0.0									
1.5"	1	100.0	100	0.0	100.0	100.0	0.0	0.0									
1"		64.0	100	0.0	100.0	84.2	15.8	15.8									
3/4"		39.4	100	100.0 94.6	100	100	10	10	10	10	10	0.0	100.0	73.4	10.8	26.6	
1/2"		16.6	16.6		.6	100.0	62.4	11.0	37.6								
3/8"		10.4	83	.2	100.0	57.7	4.7	42.3	4								
#4		3.1	22	.3	97.6	42.8	14.9	57.2	*								
#8	2.0 4.8 82.7	82.7	33.5	9.3	66.5	nc											
#16		2.4	1.	8	66.1	26.8	6.7	73.2	*								
#30		2.0	1.	0	48.0	19.5	7.3	80.5	nc								
#50		1.8	0.	8	21.2	9.1	10.4	90.9	*								
#100		1.8	0.	8	5.9	3.2	5.9	96.8	a :								
LBW		1.6	1.	0	1.4	1.4	1.8	98.6	1								



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Maximum % Retained must be above the 3/8" sieve. Any two adjacent sieves must equal 10% except max., om. max., #100 and #200 sieves. % Retained must be at least 4% for each sieve except max., om. max., #100 and #200 sieves. % Retained must be at least 8% for the 1" sieve when 2" max. size (nom. Max. 1.5") aggregate is used.



Intial Producti	on Sample (IPS	5)	-
Coars	eness Factor:	67	
Work	ability Factor:	35	
Sieve	Cumulative	%	Cumulative
Sieve	% Passing	Retained	% Retained
2"	100.0	0.0	0.0
1.5"	100.0	0.0	0.0
1"	85.5	14.5	14.5
3/4"	73.4	12.1	26.6
1/2"	61.0	12.4	39.0
3/8"	56.2	4.8	43.8
#4	43.1	13.1	56.9
#8	34.9	8.2	65.1
#16	29.4	5.5	70.6
#30	21.6	7.8	78.4
#50	8.1	13.4	91.9
#100	2.2	5.9	97.8
LBW	1.4	0.8	98.6

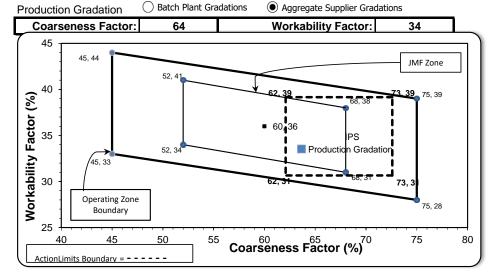
Approved By: Mart P. Ball

PLANT :	#:	P-103					Contractor:							
Sample Date	:	5/16/22			Concrete Grade:	P1M, 3500HP								
Dates Test R	epresents:	5/17/2022	through	5/23/2022			MDOT No.:							
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution								
CA	58-003	Stoneco	1370	8.16	2.69	43.9								
IA	58-003	Stoneco	550	3.28	2.69	17.6								
2NS	81-019	Pleasant Lake	1200	7.26	2.65	38.5								
		Total Wt	3120	18.70		100.0	< Verify this n	umber is 100%						
Sieve		CA	1/	4	2NS	Cumulative % Passing	% Retained	Cumulative % Retained						
2"	·	100.0	100	0.0	100.0	100.0	0.0	0.0						
1.5"	1	100.0	100	0.0	100.0	100.0	0.0	0.0						
1"		64.0	100	0.0	100.0	84.2	15.8	15.8	1					
3/4"		39.4	100	100	-	10	10	10	0.0	100.0	73.4	10.8	26.6	1
1/2"		16.6	94	.6	100.0	62.4	11.0	37.6						
3/8"		10.4	83	5.2	100.0	57.7	4.7	42.3	4					
#4		3.1	22	.3	97.6	42.8	14.9	57.2	,					
#8		2.0	4.	.8	82.7	33.5	9.3	66.5	nc					
#16		2.4	1.	.8	66.1	26.8	6.7	73.2	*					
#30		2.0	1.	.0	48.0	19.5	7.3	80.5	no					
#50		1.8	0.	8	21.2	9.1	10.4	90.9	*					
#100		1.8	0.	.8	5.9	3.2	5.9	96.8	a					
LBW		1.6	1.	.0	1.4	1.4	1.8	98.6	1					



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Maximum % Retained must be above the 3/8" sieve. Any two adjacent sieves must equal 10% except max., om. max., #100 and #200 sieves. % Retained must be at least 4% for each sieve except max., om. max., #100 and #200 sieves. % Retained must be at least 8% for the 1" sieve when 2" max. size (nom. Max. 1.5") aggregate is used.



Intial Producti	on Sample (IPS	5)	-
Coars	eness Factor:	67	
Work	ability Factor:	35	
Sieve	Cumulative	%	Cumulative
Sieve	% Passing	Retained	% Retained
2"	100.0	0.0	0.0
1.5"	100.0	0.0	0.0
1"	85.5	14.5	14.5
3/4"	73.4	12.1	26.6
1/2"	61.0	12.4	39.0
3/8"	56.2	4.8	43.8
#4	43.1	13.1	56.9
#8	34.9	8.2	65.1
#16	29.4	5.5	70.6
#30	21.6	7.8	78.4
#50	8.1	13.4	91.9
#100	2.2	5.9	97.8
LBW	1.4	0.8	98.6

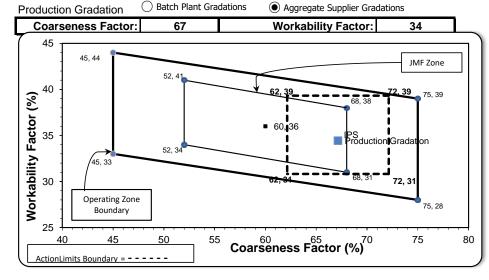
Approved BY: Mary P. Ball

PLANT #	#:	P-12					Contractor:		
Sample Date	:	5/16/22			Concrete Grade:	P1M, 3500HP			
Dates Test R	epresents:	5/17/2022	through	5/23/2022			MDOT No.:		
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution			
CA	71-47	Presque Isle	1020	6.24	2.62	33.2			
IA	71-47	Presque Isle	800	4.89	2.62	26.1			
2NS	63-115	Ray Rd	1250	7.56	2.65	40.7			
		Total Wt	3070	18.69		100.0	< Verify this no	umber is 100%	_
Sieve		CA	IA	N .	2NS	Cumulative % Passing	% Retained	Cumulative % Retained	
2"	1	00.0	100).0	100.0	100.0	0.0	0.0	1
1.5"	9	98.0	100).0	100.0	99.3	0.7	0.7	
1"		45.4	100).0	100.0	81.9	17.5	18.1	
3/4"		13.5	99	.1	100.0	71.0	10.8	29.0	1
1/2"		2.2	78	.8	100.0	62.0	9.0	38.0	
3/8"		1.7	56	.4	100.0	56.0	6.0	44.0	*
#4		1.3	13	.6	96.8	43.4	12.6	56.6	*
#8		1.3	4.	7	80.5	34.4	9.0	65.6	no
#16		1.3	3.	1	63.6	27.1	7.3	72.9	*
#30		1.3	2.	6	46.9	20.2	6.9	79.8	no
#50		1.2	2.	3	24.0	10.8	9.4	89.2	*0
#100		1.2	2.		4.4	2.7	8.0	97.3	a 2
LBW		0.9	1.	5	0.8	1.0	1.7	99.0	1



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Maximum % Retained must be above the 3/8" sieve. "Any two adjacent sieves must equal 10% except max., bm. max., #100 and #200 sieves. "% Retained must be at least 4% for each sieve except max., bm. max., #100 and #200 sieves. "% Retained must be at least 8% for the 1" sieve when 2" max. size (nom. Max. 1.5") aggregate is used.



Coarse	ness Factor:	67	
		07	
Worka	bility Factor:	35	
Sieve	Cumulative	%	Cumulative
Sieve	% Passing	Retained	% Retained
2"	100.0	0.0	0.0
1.5"	99.6	0.4	0.4
1"	83.9	15.7	16.1
3/4"	74.0	9.8	26.0
1/2"	63.7	10.3	36.3
3/8"	56.4	7.3	43.6
#4	43.0	13.4	57.0
#8	35.1	7.9	64.9
#16	29.0	6.1	71.0
#30	20.9	8.0	79.1
#50	8.1	12.8	91.9
#100	1.6	6.5	98.4
LBW	0.9	0.8	99.1

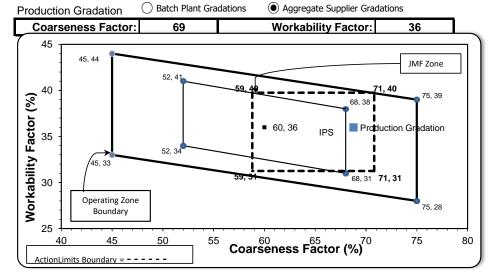
Approved By: Mart 1. Ball

PLANT #	#:	P-32					Contractor:		
Sample Date	:	5/16/22			Concrete Grade:	P1M, 3500HP			
Dates Test R	epresents:	5/17/2022	through	5/23/2022			MDOT No.:		
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution			
CA	71-47	Presque Isle	1020	6.24	2.62	33.2			
IA	71-47	Presque Isle	800	4.89	2.62	26.1			
2NS	95-013	Smelter Bay	1250	7.56	2.65	40.7			
		Total Wt	3070	18.69		100.0	< Verify this n	umber is 100%	
Sieve		CA	1/	A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained	
2"	1	100.0	100	0.0	100.0	100.0	0.0	0.0	1
1.5"		98.0	100	0.0	100.0	99.3	0.7	0.7	
1"		45.4	100	0.0	100.0	81.9	17.5	18.1	
3/4"		13.5	99	.1	100.0	71.0	10.8	29.0	
1/2"		2.2	78.8 100.0	100.0	62.0	9.0	38.0		
3/8"		1.7	56	.4	100.0	56.0	6.0	44.0	*
#4		1.3	13	13.6	96.8	43.4	12.6	56.6	*
#8		1.3	4.	7	84.3	36.0	7.4	64.0	no
#16		1.3	3.	1	69.0	29.3	6.6	70.7	*(
#30		1.3	2.	6	50.1	21.5	7.8	78.5	no
#50		1.2	2.	3	24.4	10.9	10.6	89.1	*(
#100		1.2	2.		7.1	3.8	7.1	96.2	a 2
LBW		0.9	1.	5	1.6	1.3	2.5	98.7	



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Maximum % Retained must be above the 3/8" sieve. Any two adjacent sieves must equal 10% except max., om. max., #100 and #200 sieves. % Retained must be at least 4% for each sieve except max., om. max., #100 and #200 sieves. % Retained must be at least 8% for the 1" sieve when 2" max. size (nom. Max. 1.5") aggregate is used.



Intial Production	on Sample (IPS	5)	_
Coars	eness Factor:	65	
Work	ability Factor:	36	
Sieve	Cumulative	%	Cumulative
Sieve	% Passing	Retained	% Retained
2"	100.0	0.0	0.0
1.5"	99.0	0.6	0.6
1"	84.0	15.3	16.0
3/4"	73.5	10.5	26.5
1/2"	65.2	8.2	34.8
3/8"	58.2	7.1	41.8
#4	44.1	14.1	55.9
#8	35.5	8.6	64.5
#16	29.1	6.4	70.9
#30	21.9	7.3	78.1
#50	9.6	12.2	90.4
#100	2.6	7.1	97.4
LBW	1.0	1.6	99.0

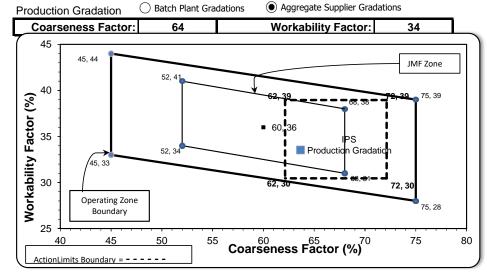
Approved By: Mart 1. Ball

PLANT #	#:	P-35					Contractor:		
Sample Date	:	5/16/22			Concrete Grade:	P1M, 3500HP			
Dates Test R	epresents:	5/17/2022	through	5/23/2022			MDOT No.:		
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution			
CA	58-003	Stoneco	1370	8.16	2.69	43.9			
IA	58-003	Stoneco	550	3.28	2.69	17.6			
2NS	81-019	Pleasant Lake	1200	7.26	2.65	38.5			
		Total Wt	3120	18.70		100.0	< Verify this n	umber is 100%	_
Sieve		CA	IA	A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained	
2"		100.0	100	0.0	100.0	100.0	0.0	0.0	
1.5"	1	100.0	100	0.0	100.0	100.0	0.0	0.0	
1"		64.0	100	0.0	100.0	84.2	15.8	15.8	
3/4"		39.4	100	0.0	100.0	73.4	10.8	26.6	1
1/2"		16.6	94	.6	100.0	62.4	11.0	37.6	1
3/8"		10.4	83	.2	100.0	57.7	4.7	42.3	*
#4		3.1	22	.3	97.6	42.8	14.9	57.2	*,
#8		2.0	4.	8	82.7	33.5	9.3	66.5	no
#16		2.4 1.8 66.1	66.1	26.8	6.7	73.2	*0		
#30		2.0	1.	0	48.0	19.5	7.3	80.5	no
#50		1.8	0.	8	21.2	9.1	10.4	90.9	*0
#100		1.8	0.	8	5.9	3.2	5.9	96.8	a 2
LBW		1.6	1.	0	1.4	1.4	1.8	98.6	1



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Maximum % Retained must be above the 3/8" sieve. Any two adjacent sieves must equal 10% except max., om. max., #100 and #200 sieves. % Retained must be at least 4% for each sieve except max., om. max., #100 and #200 sieves. % Retained must be at least 8% for the 1" sieve when 2" max. size (nom. Max. 1.5") aggregate is used.



Intial Producti	on Sample (IPS)	_
Coars	eness Factor:	67	
Work	ability Factor:	35	
Sieve	Cumulative	%	Cumulative
Sieve	% Passing	Retained	% Retained
2"	100.0	0.0	0.0
1.5"	100.0	0.0	0.0
1"	86.9	13.1	13.1
3/4"	76.1	10.8	23.9
1/2"	63.7	12.4	36.3
3/8"	56.2	7.5	43.8
#4	43.2	13.0	56.8
#8	34.7	8.5	65.3
#16	27.5	7.2	72.5
#30	20.6	7.0	79.4
#50	9.0	11.6	91.0
#100	2.1	6.9	97.9
LBW	1.0	1.1	99.0

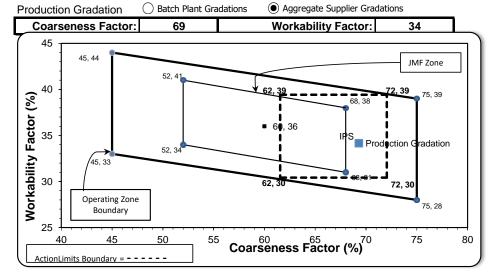
Approved By: Mart 1. Ball

PLANT #	#:	P-36					Contractor:		
Sample Date	:	5/16/22			Concrete Grade:	P1M, 3500HP			
Dates Test R	epresents:	5/17/2022	through	5/23/2022			MDOT No.:		
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution			
CA	71-47	Presque Isle	1070	6.54	2.62	34.9			
IA	71-47	Presque Isle	800	4.89	2.62	26.1			
2NS	63-92	Grange Hall	1200	7.26	2.65	39.1			
		Total Wt	3070	18.70		100.0	< Verify this n	umber is 100%	_
Sieve		CA	IA	A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained	
2"	1	00.0	100	0.0	100.0	100.0	0.0	0.0	1
1.5"		98.0	100	0.0	100.0	99.3	0.7	0.7	
1"		45.4	100	0.0	100.0	81.0	18.3	19.0	
3/4"		13.5	99	.1	100.0	69.6	11.4	30.4	1
1/2"		2.2	78	.8	100.0	60.4	9.2	39.6	
3/8"		1.7	56	.4	100.0	54.4	6.0	45.6	*N
#4	1.3		13.6		97.7	42.2	12.2	57.8	*A
#8	1.3		4.7		83.1	34.2	8.0	65.8	nor
#16	1.3		3.1		68.4	28.0	6.2	72.0	*%
#30	1.3		2.6		50.4	20.8	7.2	79.2	nor
#50	1.2		2.3		24.6	10.6	10.2	89.4	*%
#100	1.2		2.		3.2	2.2	8.4	97.8	a 2'
LBW		0.9	1.	5	0.3	0.8	1.4	99.2	1



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Maximum % Retained must be above the 3/8" sieve. Any two adjacent sieves must equal 10% except max., om. max., #100 and #200 sieves. % Retained must be at least 4% for each sieve except max., om. max., #100 and #200 sieves. % Retained must be at least 8% for the 1" sieve when 2" max. size (nom. Max. 1.5") aggregate is used.



Intial Production Sample (IPS)								
Coar	seness Factor:	67						
Wor	kability Factor:	35						
Sieve	Cumulative	%	Cumulative					
Sieve	% Passing	Retained	% Retained					
2"	100.0	0.0	0.0					
1.5"	100.0	0.0	0.0					
1"	85.0	15.0	15.0					
3/4"	72.1	12.9	27.9					
1/2"	64.5	7.6	35.5					
3/8"	56.5	8.0	43.5					
#4	42.7	13.8	57.3					
#8	34.9	7.8	65.1					
#16	29.0	5.9	71.0					
#30	21.0	8.0	79.0					
#50	8.2	12.8	91.8					
#100	1.6	6.5	98.4					
LBW	0.7	0.9	99.3					
LBW	0.7	0.9	99.3					

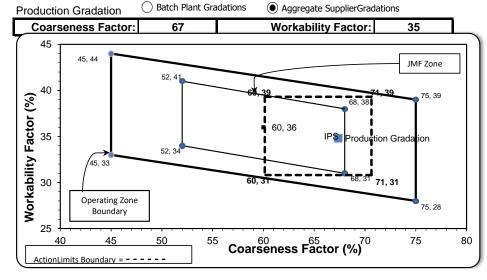
Approved By: Mart P. Ball

PLANT #	#:	P-39					Contractor:		
Sample Date	:	5/16/22			Concrete Grade:	P1M, 3500HP			
Dates Test R	epresents:	5/17/2022	through	5/23/2022			MDOT No.:		
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution			
CA	71-47	Presque Isle	1020	6.24	2.62	33.2			
IA	71-47	Presque Isle	800	4.89	2.62	26.1			
2NS	44-051	Krake Willis Rd	1250	7.56	2.65	40.7			
		Total Wt	3070	18.69		100.0	< Verify this n	umber is 100%	
Sieve		CA	14	A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained	
2"		100.0	100	0.0	100.0	100.0	0.0	0.0	
1.5"		98.5	100	0.0	100.0	99.5	0.5	0.5	
1"		49.1	100	0.0	100.0	83.1	16.4	16.9	
3/4"		13.1	99	.1	100.0	70.9	12.2	29.1	1
1/2"		3.3	79	.2	100.0	62.5	8.4	37.5	
3/8"		2.4	55	.9	100.0	56.1	6.4	43.9	
#4	1.8		14.6		96.5	43.7	12.4	56.3	
#8		1.7		0	79.6	34.8	8.9	65.2	n
#16		1.7 4.		5	63.2	27.5	7.3	72.5	
#30		1.6		6	47.0	20.6	6.9	79.4	n
#50		1.6 3.		2	26.4	12.1	8.5	87.9	
#100	1.5		2.	9	9.6	5.2	7.0	94.8	а
LBW		1.3	2.	5	1.0	1.5	3.7	98.5	Τ



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Maximum % Retained must be above the 3/8" sieve. Any two adjacent sieves must equal 10% except max., om. max., #100 and #200 sieves. % Retained must be at least 4% for each sieve except max., om. max., #100 and #200 sieves. % Retained must be at least 8% for the 1" sieve when 2" max. size (nom. Max. 1.5") aggregate is used.



Intial Production	on Sample (IPS	5)	_
Coars	eness Factor:	65	
Work	ability Factor:	35	
Sieve	Cumulative	%	Cumulative
Sieve	% Passing	Retained	% Retained
2"	100.0	0.0	0.0
1.5"	99.6	0.4	0.4
1"	83.9	15.7	16.1
3/4"	74.1	9.8	25.9
1/2"	64.3	9.7	35.7
3/8"	57.5	6.8	42.5
#4	44.5	13.1	55.5
#8	35.1	9.4	64.9
#16	27.9	7.2	72.1
#30	21.7	6.2	78.3
#50	12.6	9.1	87.4
#100	3.5	9.1	96.5
LBW	1.2	2.4	98.8

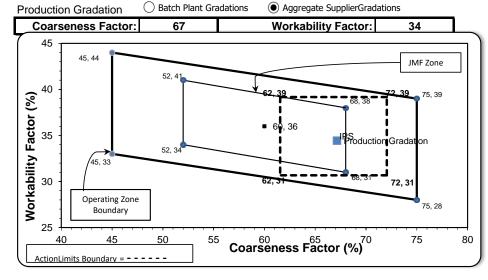


PLANT #:		P-O2					Contractor:		
Sample Date):	5/16/22			Concrete Grade:	P1M, 3500HP			
Dates Test R	epresents:	5/17/2022	through	5/23/2022			MDOT No.:		
Agg. Class	Pit #	Source	Weight (SSD)	ft ³	Specific Gravity	% Contribution			
CA	71-47	Presque Isle	1020	6.24	2.62	33.2			
IA	71-47	Presque Isle	800	4.89	2.62	26.1			
2NS	63-115	Ray Rd	1250	7.56	2.65	40.7			
		Total Wt	3070	18.69		100.0	< Verify this number is 100%		
Sieve		CA	1/	A	2NS	Cumulative % Passing	% Retained	Cumulative % Retained	
2"	1	00.0	100	0.0	100.0	100.0	0.0	0.0	1
1.5"		98.0	100	0.0	100.0	99.3	0.7	0.7	1
1"		45.4	100	0.0	100.0	81.9	17.5	18.1	
3/4"		13.5	99	.1	100.0	71.0	10.8	29.0	1
1/2"		2.2	78	.8	100.0	62.0	9.0	38.0	
3/8"		1.7	56	.4	100.0	56.0	6.0	44.0	*
#4	1.3		13.6		96.8	43.4	12.6	56.6	*
#8	1.3		4.7		80.5	34.4	9.0	65.6	no
#16	1.3		3.1		63.6	27.1	7.3	72.9	*
#30	1.3		2.	6	46.9	20.2	6.9	79.8	no
#50		1.2		3	24.0	10.8	9.4	89.2	*
#100		1.2 2		1	4.4	2.7	8.0	97.3	a 2
LBW		0.9	1.	5	0.8	1.0	1.7	99.0	1



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*Maximum % Retained must be above the 3/8" sieve.
*Any two adjacent sieves must equal 10% except max., nom. max., #100 and #200 sieves.
*% Retained must be at least 4% for each sieve except max., nom. max., #100 and #200 sieves.
*% Retained must be at least 8% for the 1" sieve when 12" max. size (nom. Max. 1.5") aggregate is used.



Intial Production Sample (IPS)								
Coars	eness Factor:	67						
Work	ability Factor:	35						
Sieve	Cumulative	%	Cumulative					
Sieve	% Passing	Retained	% Retained					
2"	100.0	0.0	0.0					
1.5"	100.0	0.0	0.0					
1"	85.0	15.0	15.0					
3/4"	72.3	12.7	27.7					
1/2"	64.5	7.8	35.5					
3/8"	56.5	8.0	43.5					
#4	42.7	13.8	57.3					
#8	34.9	7.8	65.1					
#16	29.0	5.9	71.0					
#30	21.0	8.0	79.0					
#50	8.2	12.8	91.8					
#100	1.6	6.5	98.4					
LBW	LBW 0.7		99.3					

Approved By: May P. Ball