Vendor:	AGGRE	EGATI	E INDU:	STRIES			Lab No:	20200	0001		
										N/A	
Source:	GREEN	151KI	EET QU	AKKY			Location	: WKE	NTHAM,	MA	
Sieve Analy	,	oarse A	Aggrega	te			AAS	нто т-2	27		
% Passin	ng	2"	1 1/2"	1"	3/4"	1/2	3/8"	#4	#8		
CA Size:			1 1/2	1	3/4	1/2	3/0	- "-	- "0		
CA Size:						+					
CA Size:											
CA Size:											
Unit Weigh	nt and Vo	oid in	Aggreg	ate			AAS	HTO T-1	9		
•	_				1 1/	211		3/4"	1/2"	3/8"	
Compa	icted 🗀		l Aggrega eight: (lb		_	2"	1"	3/4**	99.32	3/8**	
	<u></u>				_						
Loos	se _		l Aggrega		1 1/	2"	1"	3/4"	1/2"	3/8"	
	L	Init We	eight: (lb	s./cu. ft.)							
Resistance	to Abras	1011 01	CA by	use of th	ie LA	Macili	ne AAS	HTO T-9	76		
	F	Run # 1	LA T	ype	LA	Result					
Specific Gr			В				- AAS	НТО Т-8			
·		d Abso	В								
Nominal A	avity and	d Abso	B orption	of Coar	se Agg	regate		нто т-8			
Nominal A	avity and	d Abso	B orption	of Coar 3/8"	se Agg	regate	1"	HTO T-8			
Nominal A Bulk Specific G Apparent	Pavity and Aggregate Cific Gravit Gravity (SS Specific G	d Abso Size: ty: SD):	prption # 4	3/8" 2.965 2.981 3.013	1/2" 2.963 2.981 3.018	regate	1" 2.957 2.973 3.004	HTO T-8 1 1/2" 2.951 2.970 3.006			
Nominal A Bulk Specific G	Pavity and Aggregate Cific Gravit Gravity (SS Specific G	d Abso Size: ty: SD):	prption # 4	of Coar 3/8" 2.965 2.981	1/2" 2.963 2.981	regate	1" 2.957 2.973	HTO T-8 1 1/2" 2.951 2.970			
Nominal A Bulk Specific G Apparent	Pavity and Aggregate Cific Gravit Gravity (SS Specific Gon:	d Abso Size: ty: SD): Gravity:	prption # 4	3/8" 2.965 2.981 3.013 0.533	1/2" 2.963 2.981 3.018 0.622	regate	1" 2.957 2.973 3.004 0.533	HTO T-8 1 1/2" 2.951 2.970 3.006	35		
Nominal A Bulk Specific G Specific G Apparent Absorptio	Aggregate cific Gravity (SS Specific Gon:	d Absorbite: Size: Ety: SD): Gravity: gate b	prption # 4	3/8" 2.965 2.981 3.013 0.533	1/2" 2.963 2.981 3.018 0.622	regate	1" 2.957 2.973 3.004 0.533	HTO T-8 1 1/2" 2.951 2.970 3.006 0.622	35	#4-#8	
Nominal A Bulk Spec Specific G Apparent Absorptio	Aggregate cific Gravity (SS Specific Gon:	d Absorbite: Size: Ety: SD): Gravity: gate b	B orption # 4 by Use of	3/8" 2.965 2.981 3.013 0.533	se Agg 1/2" 2.963 2.981 3.018 0.622 m Sulfa	regate 3/4"	1" 2.957 2.973 3.004 0.533	HTO T-8 1 1/2" 2.951 2.970 3.006 0.622	04	#4-#8	
Nominal A Bulk Spec Specific G Apparent Absorptio Soundness Sieve Size	Aggregate cific Gravity (SS Specific G on: of Aggre	Size: ty: ED): Gravity: gate b	B Orption # 4 by Use of	3/8" 2.965 2.981 3.013 0.533 f Sodiu	se Agg 1/2" 2.963 2.981 3.018 0.622 m Sulfa	3/4" ate 3/4" -	1" 2.957 2.973 3.004 0.533 AASI	HTO T-8 1 1/2" 2.951 2.970 3.006 0.622 HTO T-1 " - 3/8"	04 3/8" - # 4	#4-#8	
Nominal A Bulk Spec Specific G Apparent Absorptio Soundness Sieve Size % Loss:	Aggregate cific Gravity (SS Specific Gon: of Aggre	Size: ty: ED): Gravity: gate b	B Orption # 4 by Use of	3/8" 2.965 2.981 3.013 0.533 f Sodiu	se Agg 1/2" 2.963 2.981 3.018 0.622 m Sulfa - 3/4"	3/4" ate 3/4" -	1" 2.957 2.973 3.004 0.533 AASI	HTO T-8 1 1/2" 2.951 2.970 3.006 0.622 HTO T-1 " - 3/8"	04 3/8" - # 4	#4-#8	

endor: J.H. L	YNCH				La	ab No:	20200	0006	
ource: FIRST	ΓST. QU	JARRY			Lo	ocation:	CUM	BERLAN	D, RI
ieve Analysis of (Coarse A	Aggrega	ite			AASI	HTO T-2	7	
% Passing	2"	1 1/2"	1"	3/4"	1/2"	3/8"	#4	#8	
CA Size:3/4	100.0	100.0	100.0	98.3	17.7	4.6	2.4	2.1	
CA Size:1/2	100.0	100.0	100.0	99.9	78.7	24.9	1.4	0.9	
CA Size:3/8	100.0	100.0	100.0	100.0	99.6	95.8	21.0	2.2	
CA Size:									
it Weight and \	Void in	Aggreg	ate		-	AASI	HTO T-1	9	
-	Nomina	l Aggrega	ate Size:	1 1/2	." 1	"	3/4"	1/2"	3/8"
Compacted		00 0		1			-30.27	-30.28	-98.32
	Unit Weight: (lbs./cu. ft.)								
	Nomina	l Aggregs	ate Size	1 1 1/2	." 1	'''	3/4"	1/2"	1 3/8"
Loose	Unit We		os./cu. ft.)	1 1/2			3/4"	1/2"	3/8"
	Unit We	Eight: (III	use of the	ne LA N			3/4" HTO T-9		3/8"
	Unit We	eight: (lb	use of the	ne LA N	Machine				3/8"
esistance to Abr	Unit We	Eight: (Ilb	use of th	ne LA N	Aachine Result	AASI		6	3/8"
esistance to Abr	Unit We	Eight: (Ilb	use of th	ne LA N	Aachine Result	AASI	НТО Т-9	6	3/8"
esistance to Abr	Unit We asion of Run # 1 nd Absete Size:	CA by LA T B Dorption	use of the	LA F	Aachine Result	AASI	HTO T-9 HTO T-8	6	3/8"
esistance to Abr pecific Gravity a Nominal Aggrega	Unit We asion of Run # 1 nd Abso te Size: vity:	CA by LA T B Dorption	use of the	LA F	Machine Result regate	AASI	HTO T-9 HTO T-8	6	3/8"
esistance to Abra Decific Gravity a Nominal Aggrega Bulk Specific Gra	unit We asion of Run # 1 nd Abso te Size: vity: SSD):	CA by LA T B Drption #4	os./cu. ft.) use of the sype of Coars 3/8" 2.713 2.747	LA F LA F Se Aggi 1/2" 2.731	Machine Result	AASI	HTO T-9 HTO T-8	6	3/8"
esistance to Abra pecific Gravity a Nominal Aggrega Bulk Specific Gra Specific Gravity (unit We asion of Run # 1 nd Abso te Size: vity: SSD):	CA by LA T B Drption #4	os./cu. ft.) use of the sype of Coars 3/8" 2.713 2.747	LA F se Aggi 1/2" 2.731 2.751	Machine Result	AASI	HTO T-9 HTO T-8	6	3/8"
pecific Gravity a Nominal Aggrega Bulk Specific Gra Specific Gravity (Apparent Specific Absorption:	asion of Run # 1 nd Abso te Size: vity: SSD):	Eight: (Ib	os./cu. ft.) use of the sype of Coars 3/8" 2.713 2.747 2.809 1.259	ne LA N LA F se Aggi 1/2" 2.731 2.751 2.786 0.735	Achine Result regate 3/4" 2.748 2.760 2.782 0.454	AASI I"	HTO T-9 HTO T-8	5	3/8"
pecific Gravity a Nominal Aggrega Bulk Specific Gravity (Apparent Specific Absorption:	asion of Run # 1 nd Abso te Size: vity: SSD):	Eight: (Ib	os./cu. ft.) use of the sype of Coars 3/8" 2.713 2.747 2.809 1.259 f Sodium	LA F LA F Se Aggi 1/2" 2.731 2.751 2.786 0.735 n Sulfa	Achine Result regate 3/4" 2.748 2.760 2.782 0.454	AASI AASI AASI	HTO T-9	5	#4-#8

ID# TL9-079 REV. 4/25/16

3/4"

1/2"

3/8"

4

1 1/2"

Aggregate Bin Size

% Passing # 200 sieve

1"

endor:	PJ KEA	ATING				La	b No:	20200	0009	<u> </u>	
ource:	PHENI	X AVE	ENUE Q	UARRY		Lo	cation:	CRAN	NSTON, R	I	
Sieve Analy	sis of C	oarse A	Aggrega	ite			AASH	ITO T-2	7		
% Passin	g _	211	1 1 /2 !!	4.11	2/411	1/2!!	2/011	1 114	T "0		
CA Size:3	/4	2"	1 1/2" 100.0	1" 100.0	3/4" 96.2	1/2" 39.5	3/8" 24.5	# 4 8.8	6.5		
CA Size:3/		100.0	100.0	100.0	99.2	44.2	20.4	9.2	4.7		
CA Size:3		100.0	100.0	100.0	100.0	99.9	99.6	9.1	1.4		
CA Size:		100.0	10010	100.0	100.0	,,,,	,,,,	7.12	+		
					-			-			
U nit Weigh	t and V	oid in	Aggreg	ate			AASH	ITO T-1	9		
Compa	cted	Nomina	l Aggrega	te Size:	1 1/2'	' 1	"	3/4"	1/2"	3/8"	
Compa	l	Unit We	eight: (lb	s./cu. ft.)			-	-30.27	-30.27	-98.33	
	_				i e		,,	3/4"	1/2"	3/8"	
-]	Nomina	l Aggrega	ite Size:	1 1/2'	' 1		J/4	1/2	3/0	
Loos Resistance t	se [Unit We		os./cu. ft.)				ITO T-9		3/6	
	to Abras	Unit We	ight: (lb	use of th		Iachine				3/6	
Resistance (to Abras	Unit We sion of Run#1	CA by LA T	use of th	e LA M	Iachine	AASH		6	3/6	
Resistance (to Abras	Unit We sion of Run # 1	CA by LA T	use of th	e LA M LA Ro e Aggro	Iachine	AASH	ITO T-9	6	3/6	
Resistance t	to Abras	unit Wession of Run # 1 d Abso	CA by LA T B Orption	use of th	e LA M LA Ro e Aggro	Iachine esult egate	AASH	ITO T-9	6	3/6	
Resistance of Specific Grant Area Bulk Specific G	to Abrasavity an	sion of Run # 1 nd Abso e Size: ity: SD):	CA by LA T B Orption # 4	use of th	e LA M LA Ro e Aggro	Iachine esult egate	AASH	ITO T-9	6	3/6	
Resistance to Specific Grant A Bulk Specific G Apparent	avity an Aggregate ific Gravity (S	sion of Run # 1 nd Abso e Size: ity: SD):	CA by LA T B Orption # 4	use of th	e LA M LA Ro e Aggro	Iachine esult egate	AASH	ITO T-9	6	3/6	
Resistance of Specific Grant Area Bulk Specific G	avity an Aggregate ific Gravity (S	sion of Run # 1 nd Abso e Size: ity: SD):	CA by LA T B Orption # 4	use of th	e LA M LA Ro e Aggro	Iachine esult egate	AASH	ITO T-9	6	3/6	
Resistance to Specific Grant Apparent Absorptio	avity an Aggregate ific Gravity (SS Specific Cn:	sion of Run # 1 nd Abso e Size: ity: SD): Gravity:	CA by LA T B Orption # 4	use of the ype of Coars	e LA M LA Ro e Aggro	Iachine esult	AASH 1" 1	ITO T-9	5	3/6	
Resistance to Specific Grant Absorption Soundness of Sieve Size:	avity an Aggregate ific Gravity (SS Specific Con:	sion of Run # 1 nd Abso e Size: ity: SD): Gravity:	CA by LA T B Orption # 4	use of the sype of Coars 3/8"	e LA M LA Ro e Aggro	Iachine esult	AASH 1" 1 AASH	ITO T-8	5	# 4 - # 8	
Resistance of Specific Grant Absorption Soundness of Specific Grant Absorption Specific Grant Ab	avity an Aggregate ific Gravity (SS Specific Con:	sion of Run # 1 ad Abso e Size: ity: SD): Gravity:	CA by LA Ty B Orption # 4	use of the sype of Coars 3/8"	e LA M LA Ro e Aggro	lachine esult egate 3/4"	AASH 1" 1 AASH	TO T-10	5		
Resistance to Specific Grand Absorption Soundness of Sieve Size: % Loss:	avity an Aggregate ific Gravity (SS Specific Con: of Aggre	sion of Run # 1 ad Abso e Size: ity: SD): Gravity: egate b	CA by LA Ty B Orption # 4 by Use of	use of the sype of Coars 3/8" f Sodium 1" 1" -	e LA M LA Ro e Aggro 1/2" Sulfat 3/4" 3	egate 3/4" egate 3/4" - 1/2	AASH AASH AASH 1" 1 AASH	TO T-10	6 5 3/8" - # 4		
Resistance to Specific Grant Absorption Soundness of Sieve Size:	avity an Aggregate ific Gravity (SS Specific Con: of Aggre 2" - 1	sion of Run # 1 ad Abso e Size: ity: SD): Gravity: egate b	CA by LA Ty B Orption # 4 by Use of	use of the sype of Coars 3/8" f Sodium 1" 1" -	e LA M LA Ro e Aggro 1/2" Sulfat 3/4" 3	lachine esult egate 3/4" e ggregate	AASH AASH AASH 1" 1 AASH	TO T-10	6 5 3/8" - # 4		

Vendor: MATERIALS S and S Lab No: 20200012 POUND HILL RD. QUARRY Location: N. SMITHFIELD, RI Source:

Sieve Analysis of Coarse Aggregate

AASHTO T-27

% Passing

	2"	1 1/2"	1"	3/4"	1/2"	3/8"	#4	#8
CA Size:3/4	100.0	100.0	100.0	68.0	7.3	2.1	1.4	1.2
CA Size:1/2	100.0	100.0	100.0	99.9	81.6	21.9	2.3	1.9
CA Size:3/8	100.0	100.0	100.0	100.0	100.0	97.4	18.7	2.9
CA Size:								

Unit Weight and Void in Aggregate

AASHTO T-19

Compacted

Nominal Aggregate Size:	1 1/2"	1"	3/4"	1/2"	3/8"
Unit Weight: (lbs./cu. ft.)			93.49	93.88	92.89

Loose

Nominal Aggregate Size:	1 1/2"	1"	3/4"	1/2"	3/8"
Unit Weight: (lbs./cu. ft.)					

Resistance to Abrasion of CA by use of the LA Machine AASHTO T-96

	LA Type	LA Result
Run # 1	В	28.79

Specific Gravity and Absorption of Coarse Aggregate AASHTO T-85

Nominal Aggregate Size:	# 4	3/8"	1/2"	3/4"	1"	1 1/2"
Bulk Specific Gravity:		2.497	2.575	2.600		
Specific Gravity (SSD):		2.556	2.602	2.618		
Apparent Specific Gravity:		2.654	2.647	2.648		
Absorption:		2.364	1.065	0.686		

Soundness of Aggregate by Use of Sodium Sulfate AASHTO T-104

Sieve Size:	2" - 1 1/2"	1 1/2" - 1"	1" - 3/4"	3/4" - 1/2"	1/2" - 3/8"	3/8" - # 4	#4-#8
% Loss:				0.08	0.10		

Amount of Material Finer than # 200 Sieve in Aggregate AASHTO T-11

Aggregate Bin Size	1 1/2"	1"	3/4"	1/2"	3/8"	# 4
% Passing # 200 sieve						

		11102 1	IGGILL	<u> </u>	2 7 11 17	1171		LION	1 2020		
Vendor: PJ	KEATING					La	b No:	2020	0021	<u></u>	
Source: SC	UTH MAI	N ST. Q	UARRY			Lo	cation	: ACU	SHNET, M	ſΑ	
Sieve Analysis	of Coarse A	Aggrega	ite				AAS	HTO T-2	27		
% Passing											
	2"	1 1/2"	1"	3/4"	1/2	2''	3/8"	#4	#8		
CA Size:3/4	100.0	100.0	100.0	97.7	43		17.9	5.9	4.3		
CA Size:1/2	100.0	100.0	100.0	100.0		'.9	48.1	6.9	2.7		
CA Size:3/8	100.0	100.0	100.0	100.0	99	8.8	94.0	29.2	8.1		
CA Size:											
Jnit Weight an	d Void in	Aggreg	ate				AAS	HTO T-1	19		
	Nomina	l Aggrega	ite Size:	1 1	/2"	1'	'	3/4"	1/2"	3/8"	
Compacted			s./cu. ft.)				\neg	-30.27	-30.27	-98.33	
-	Nomina	l Aggrega	ate Size:	1 1	/2"	1'	,	3/4"	1/2"	3/8"	
Loose		00 0	s./cu. ft.)								
Resistance to A		LA T			Result			HTO T-9			
	Run # 1	В									
Specific Gravit	y and Abso	orption	of Coars	e Agg	gregat	e	AAS	нто т-8	85		
Nominal Aggr	egate Size:	# 4	3/8"	1/2"	3/4"	· T	1"	1 1/2"			
Bulk Specific				2.731	2.71						
Specific Gravi	•			2.754	2.74						
Apparent Spec			2.822	2.797	2.78	4					
Absorption:			1.974	0.861	0.85	9					
Soundness of A	ggregate b	y Use o	f Sodium	Sulf	ate		AASI	HTO T-1	.04		
Sieve Size:	2" - 1 1/2"	1 1/2" -	1" 1"	3/4"	3/4"	_ 1/2		" - 3/8"	3/8" - # 4	#4-#8	7
% Loss:	2 - 1 1/2	11/2 -	1 1 -	3/4	3/4	- 1/2	1/2	- 3/0	3/0 -#4	# 4 - # 0	-
, 0 2000					1				<u> </u>		
Amount of Ma	terial Fine	r than #	200 Siev	e in A	Aggre	gate	AAS	HTO T-1	11		
Aggregate Bin	Size	1 1/2"	1"	3	3/4"	1/	2"	3/8"	# 4		
1		+	_			1					

ID# TL9-079 REV. 4/25/16

% Passing # 200 sieve

Sieve Ana	alysis of Coarse Aggregate	AASHTO T-27	
Source:	KLONDIKE PIT	Location: CHARLESTON, RI	
Vendor:	SOUTH COUNTY S & G	Lab No: <u>20200028</u>	

Source: K	LONDIKE I	PIT				Loc	ation	: <u>CHA</u> F	RLESTON	I, RI	
Sieve Analysis	of Coarse	Aggrega	te				AASI	HTO T-2	7		
% Passing	01 000100						717151	1101-2	,		
, v 1 wssg	2"	1 1/2"	1"	3/4"	1/2	2"	3/8"	#4	#8		
CA Size:11/2	100.0	100.0	47.3	6.6	1.	5	1.1	0.9	0.8		
CA Size:3/4	100.0	100.0	98.6	69.5	10	.5	5.1	3.5	2.8		
CA Size:1/2	100.0	100.0	100.0	100.0	76	.0	12.6	3.1	2.4		
CA Size:3/8	100.0	100.0	100.0	100.0	100	0.0	90.8	14.5	3.8		
Unit Weight a	nd Void in	Aggreg	ate				AAS	HTO T-1	9		
Compactor	Nomina	ıl Aggrega	te Size:	1 1/2	2"	1"	Т	3/4"	1/2"	3/8"	
Compacted	Unit Wo	eight: (lb	s./cu. ft.)	95.0	06			94.87	92.83	97.13	
Loose	Nomina	ıl Aggrega	te Size:	1 1/2	2"	1"	Τ	3/4"	1/2"	3/8"	
Loose	Unit Wo	eight: (lb	s./cu. ft.)								
Resistance to A	Run # 1	LA T			Result			HTO T-9			
Specific Gravi			of Coars	e Agg	regat	<u> </u>	AAS	HTO T-8	5		
Nominal Agg	regate Size:	# 4	3/8"	1/2"	3/4"	1	**	1 1/2"			
Bulk Specific	Gravity:		2.495	2.558	2.566	5		2.576			
Specific Grav	ity (SSD):		2.553	2.590	2.594	1		2.600			
Apparent Spe	ecific Gravity	:	2.650	2.641	2.639)		2.638			
Absorption:			2.359	1.222	1.084			0.907			
Soundness of A	Aggregate b	y Use of	f Sodium	Sulfa	ite		AASI	HTO T-10)4		
Sieve Size:	2" - 1 1/2"	1 1/2" - 1	1" 1"-	3/4"	3/4"	- 1/2"	1/2'	" - 3/8"	3/8" - # 4	#4-#8]
% Loss:]
Amount of Ma	terial Fine	r than #	200 Siev	e in A	ggre	gate	AAS	HTO T-1	1		
Aggregate Bir	n Size	1 1/2"	1"	3/	/4"	1/2	''	3/8"	# 4		
% Passing # 2	200 sieve										

Sieve Size:	2" - 1 1/2"	1 1/2" - 1"	1" - 3/4"	3/4" - 1/2"	1/2" - 3/8"	3/8" - # 4	#4-#8
% Loss:							
nount of M	aterial Fine	er than # 20	0 Sieve in .	Aggregate	AASHTO T-1	1	
Aggregate B	in Size	1 1/2"	1"	3/4" 1/2'	3/8"	# 4	

Vendor:	CHERENZIA	Lab No:	20200029
Source:	OLD HOPKINTON RD.	Location:	WESTERLY, RI

Source: C	OLD HOPKII	NTON RI	D.			Loca	tion:	WEST	ΓERLY, R	I	
Sieve Analysi	s of Coarse	Aggregat	te				AASI	HTO T-2	7		
% Passing											
	2"	1 1/2"	1"	3/4"	1/2	2''	3/8"	#4	#8		
CA Size:3/4	100.0	100.0	100.0	93.2	11	.1	2.8	1.3	0.9		
CA Size:1/2	100.0	100.0	100.0	100.0	83		36.5	4.4	2.8		
CA Size:3/8	100.0	100.0	100.0	100.0	99	.9	99.6	41.0	6.3		
CA Size:								<u> </u>			
Unit Weight	and Void in	Aggrega	ite				AASI	HTO T-1	9		
C	Nomina	l Aggregat	te Size:	1 1/	2"	1"		3/4"	1/2"	3/8"	
Compacto	e a ———	eight: (lbs			$\neg \uparrow$			-30.28	-30.28	-98.33	
	Nomina	l Aggregat	te Size:	1 1/	2"	1"	Ť	3/4"	1/2"	3/8"	
Loose		eight: (lbs		1 1/	_				1,2	570	
	Run # 1	В									_
Specific Grav	ity and Abso	orption o	of Coars	e Agg	regat	e	AASI	ITO T-8	5		
Nominal Ag	gregate Size:	# 4	3/8"	1/2"	3/4"	1'	' 1	1/2"			
Bulk Specifi	c Gravity:		2.502	2.609	2.597	7					
Specific Gra	vity (SSD):		2.563	2.632	2.616	5					
Apparent Sp	ecific Gravity:		2.665	2.671	2.646	5					
Absorption:			2.443	0.880	0.717	7					
Soundness of	Aggregate b	y Use of	Sodium	Sulfa	ate	1	AASH	TO T-10)4		
Sieve Size:	2" - 1 1/2"	1 1/2" - 1	" 1" -	3/4"	3/4"	- 1/2"	1/2"	- 3/8"	3/8" - # 4	# 4 - # 8	\neg
% Loss:					0.	05	0	0.00			
Amount of M	aterial Fine	r than # 2	200 Siev	e in A	ggre	gate	AASI	HTO T-1	1		
Aggregate B	Sin Size	1 1/2"	1"	3.	/4''	1/2"		3/8"	# 4		
% Passing #		1	1								
		1									

Vendor:	G. LO	PES				I	Lab No:	20200	0049		
Source:		LEBOR	O PIT						OLEBORO	—) MA	
	WHDD	LLDOI						. 1411111	DEEDORG	, ivii i.	
Sieve Anal	lygig of (Joarso	1 ggrogg	ıto.			A A G	што т з			
Sieve Aliai % Passi	•	Juai se 1	Aggi ega	ite			AAS	НТО Т-2	77		
7 0 1 4 331	s [2"	1 1/2"	1"	3/4"	1/2"	3/8"	#4	#8		
CA Size:	:3/4	100.0	100.0	99.5	79.9	11.8	1.8	0.9	0.8		
CA Size:	:1/2	100.0	100.0	100.0	100.0	97.9	79.7	13.4	1.5		
CA Size:		100.0	100.0	100.0	100.0	97.8	73.4	8.9	1.7		
CA Size:	:										
Unit Weig	tht and V	oid in	Aggreg	ate			AAS	НТО Т-1	9		
C	antad	Nomina	l Aggrega	te Size:	1 1/2	2"	1"	3/4"	1/2"	3/8"	
Comp	pacted			s./cu. ft.)				-30.28	-30.28	-98.32	
		Nomina	l Aggrega	nte Size:	1 1/2	2"	1"	3/4"	1/2"	3/8"	
	ose						_		-,-		
Loo Resistance				use of tl	ne LA I	Machin	ne AAS	HTO T-9	96		
				use of tl		Machin Result	ne AAS	НТО Т-9	6		
Resistance	e to Abra	nsion of Run#1	CA by LA T	use of tl	LA l	Result	<u>-</u>	HTO T-9			
Resistance	e to Abra	nsion of Run#1 nd Abso	CA by LA T	use of tl	LA l	Result	- AAS				
Resistance Specific G	e to Abra	nsion of Run # 1 nd Abso e Size:	CA by LA T B orption	use of tl ype of Coar	LA l	Result regate	- AAS	нто т-8			
Resistance Specific G Nominal Bulk Spe	e to Abra Fravity an	Run # 1 nd Abso e Size:	CA by LA T B orption	use of tl ype of Coar	LA l	regate 3/4"	- AAS	нто т-8			
Resistance Specific G Nominal Bulk Spe	e to Abra Fravity and Aggregat	Run # 1 nd Abso e Size: vity: SSD):	LAT B orption #4	use of the system of Coar 3/8" 2.586 2.627 2.698	LA 1 se Agg 1/2" 2.623 2.655 2.709	regate 3/4" 2.642 2.664 2.703	- AAS	нто т-8			
Resistance Specific G Nominal Bulk Spe	e to Abra Fravity and Aggregate ecific Gravity (Sont Specific	Run # 1 nd Abso e Size: vity: SSD):	LAT B orption #4	use of tl ype of Coar 3/8" 2.586 2.627	LA 1 see Agg 1/2" 2.623 2.655	regate 3/4" 2.642 2.664	- AAS	нто т-8			
Specific G Nominal Bulk Specific of Apparen	e to Abra Fravity and Aggregat ecific Grave Gravity (Sont Specific ion:	Run # 1 nd Abso e Size: vity: SSD): Gravity:	CA by LA T B Orption # 4	use of tl ype of Coar 2.586 2.627 2.698 1.612	LA 1 see Agg 1/2" 2.623 2.655 2.709 1.208	regate 3/4" 2.642 2.664 2.703 0.855	AAS	нто т-8	55		
Specific G Nominal Bulk Specific G Apparen Absorpti	ravity and Aggregate ecific Gravity (Sont Specific ion:	Run # 1 nd Abso e Size: vity: SSD): Gravity:	CA by LA T B Orption # 4	use of tl ype of Coar 3/8" 2.586 2.627 2.698 1.612	LA 1 see Agg 1/2" 2.623 2.655 2.709 1.208	regate 3/4" 2.642 2.664 2.703 0.855	AASI	HTO T-8	55	# 4 - # 8	
Resistance Specific G Nominal Bulk Specific G Apparen Absorpti	e to Abra Fravity and Aggregate ecific Gravity (Sont Specific ion: s of Aggregate: 2" -	Run # 1 nd Abso e Size: vity: GSD): Gravity:	LA T B orption #4	use of tl ype of Coar 3/8" 2.586 2.627 2.698 1.612	LA 1 se Agg 1/2" 2.623 2.655 2.709 1.208 m Sulfa	regate 3/4" 2.642 2.664 2.703 0.855	AASI	HTO T-8	04	# 4 - # 8	
Resistance Specific G Nominal Bulk Specific G Apparen Absorpti Soundness Sieve Siz % Loss:	Fravity and Aggregate ecific Gravity (Sont Specific ion: Sof Aggregate: 2"-	Run # 1 nd Abso e Size: vity: SSD): Gravity:	LA T B orption #4 by Use o	use of tl ype of Coar 2.586 2.627 2.698 1.612 f Sodiur	LA 1 se Agg 1/2" 2.623 2.655 2.709 1.208 m Sulfa - 3/4"	regate 3/4" 2.642 2.664 2.703 0.855	AAS AASI 1/2" 1/2	HTO T-8 1 1/2" HTO T-10 " - 3/8"	04 3/8" - # 4	# 4 - # 8	
Resistance Specific G Nominal Bulk Specific G Apparen Absorpti Soundness Sieve Siz % Loss:	Fravity and Aggregate ecific Gravity (Sont Specific ion: Sof Aggregate: 2"-	Run # 1 nd Abso e Size: vity: GSD): Gravity:	LA T B orption #4 by Use o	use of tl ype of Coar 2.586 2.627 2.698 1.612 f Sodiur 1" 1"-	LA 1 se Agg 1/2" 2.623 2.655 2.709 1.208 m Sulfa - 3/4"	regate 3/4" 2.642 2.664 2.703 0.855	AAS AASI 1/2" 1/2	HTO T-8 1 1/2" HTO T-10 " - 3/8"	04 3/8" - # 4	# 4 - # 8	

Vendor:	CHE	RENZIA-	WHITE	E ROCK			Lab	No:	2020	0058		
Source:	WH	TE ROCK	(QUAI	RRY			Loca	ation:	WES	TERLY, R	U	
Sieve Ana	lysis of	Coarse A	Aggrega	te				AASI	НТО Т-2	27		
% Pass	ing					1		• 10.11	1			
GA G:	2/0	2"	1 1/2"	1"	3/4"	1/2		3/8"	#4	#8		
CA Size:		100.0	100.0	100.0	100.0	100		94.1 27.6	3.0	3.8		
CA Size:		100.0	100.0	100.0	100.0	//	.3	27.0	3.0	1.7		
CA Size:							_					
CA Size.												
J nit Weig	ht and	Void in	Aggreg	ate				AASI	HTO T-1	19		
Comm	aatad	Nominal	Aggrega	te Size:	1 1/	2"	1"		3/4"	1/2"	3/8"	
Comp	acted	Unit Wei	ight: (lb	s./cu. ft.)						-30.27	-98.32	
_		Nominal	Aggrega	te Size:	1 1/2	2"	1"		3/4"	1/2"	3/8"	
Lo	ose			s./cu. ft.)		\dashv						
		Run # 1	LA T	ype		Result 3.77						
Specific G	ravity	and Abso	rntion	of Coars	- Ασσ	regat	<u> </u>	AASI	HTO T-8	25		
-										,,		
Nominal			# 4	3/8"	1/2"	3/4"	1		1 1/2"			
Bulk Spe Specific												
		ic Gravity:										
Absorpti												
				<u> </u>			<u> </u>					
Soundness	of Ag	gregate by	y Use o	f Sodium	Sulfa	ite		AASH	ITO T-1	04		
Sieve Siz	e: 2'	' - 1 1/2"	1 1/2" - 1	1" 1"-	3/4"	3/4"	- 1/2"	1/2'	' - 3/8''	3/8" - # 4	# 4 - # 8	
% Loss:					_	0.	04	(0.01			
Amount o	f Mate	rial Finer	than #	200 Siev	e in A	ggre	gate	AASI	HTO T-1	11		
Aggrega	te Bin S	ize	1 1/2"	1"	3,	/4''	1/2	•	3/8"	# 4		
0/ Dessi	ng # 200	sieve										

Vendor:	CARDI COR	Р.				Lab	No:	2020	0066		
Source:	Hopkins Hill					Loc	ation:	West	Greenwich	, RI	
Sieve Analy	sis of Coarse	Aggrega	nte				AASI	HTO T-2	27		
% Passing		88 8					111101		- <i>·</i>		
, 0 1 1000111	2"	1 1/2"	1"	3/4"	1/2	"	3/8"	#4	#8		
CA Size:3/	4 100.0	100.0	100.0	97.0	19.	9	3.7	3.7	3.7		
CA Size:1/	2 100.0	100.0	100.0	100.0	81.	6	40.8	19.0	13.8		
CA Size:3/	8 100.0	100.0	100.0	100.0	100	.0	96.0	49.7	20.1		
CA Size:											
Unit Weight	t and Void in	Aggreg	ate				AASI	HTO T-	19		
C	Nomin	al Aggrega	ate Size:	1 1/	/2"	1"		3/4"	1/2"	3/8"	
Compac	Unit W	eight: (lk	os./cu. ft.)					95.87	98.81	94.83	
	Nomin	al Aggrega	ate Size:	1 1/	/2"	1"		3/4"	1/2"	3/8"	
Loos	Α	eight: (l		+	_						
Resistance t	o Abrasion o	LA T	ype		Machi Result	ne	AASI	HTO T-9	96		
Specific Gra	vity and Abs	orption	of Coars	se Agg	regate	,	AASI	HTO T-	85		
Nominal A	ggregate Size:	# 4	3/8"	1/2"	3/4"	1	" 1	1 1/2"			
Bulk Speci	fic Gravity:		2.537	2.573	2.583						
Specific G	ravity (SSD):		2.583	2.602	2.606						
Apparent S	Specific Gravity	/ :	2.658	2.650	2.643						
Absorption	1:		1.788	1.125	0.881						
Soundness of	of Aggregate	by Use o	f Sodiun	n Sulfa	ate		AASH	TO T-1	104		
Sieve Size:	2" - 1 1/2"	1 1/2" -	1" 1" -	3/4"	3/4" -	1/2"	1/2"	' - 3/8"	3/8" - # 4	# 4 - # 8]
% Loss:]
Amount of I	Material Fine	r than #	200 Sie	ve in A	ggrea	ate	AAGI	тот	11		
Aggregate	Bin Size	1 1/2"	1"	3	5/4"	1/2	.	3/8"	# 4		

ID# TL9-079 REV. 4/25/16

% Passing # 200 sieve

	CUM	BERLA]	ND QU	ARRY.		La	ıb No:	20200	0068		
Source:	MAN	VILLE I	HILL RO	OAD		Lo	ocation:	CUM	BERLANI	O, RI	
Sieve Ana	lysis of	Coarse A	Aggrega	ite			AASI	HTO T-2	7		
% Pass	ing							1	T		
G + G!	2/4	2"	1 1/2"	1"	3/4"	1/2"	3/8"	#4	#8		
CA Size:		100.0	100.0	100.0	96.4	26.5	5.1	0.6	0.5		
CA Size:		100.0	100.0	100.0	100.0	95.7 100.0	42.9 98.7	1.7	2.3		
CA Size:		100.0	100.0	100.0	100.0	100.0	90.7	10.1	2.3		
CA SIZE	•							<u> </u>			
Unit Weig	tht and	Void in	Aggreg	ate			AASI	HTO T-1	9		
Com	oacted	Nomina	Aggrega	te Size:	1 1/2	" 1	"	3/4"	1/2"	3/8"	
Comp	Jacteu	Unit We	ight: (lb	s./cu. ft.)				-30.28	-30.28	-98.33	
I a	ose	Nomina	Aggrega	te Size:	1 1/2	" 1	"	3/4"	1/2"	3/8"	
LO	ose	Unit We	ight: (lb	s./cu. ft.)							
Resistance	e to Abr	asion of	CA by	use of th	e LA M	Tachine	AASI	HTO T-9	6		
Resistance	e to Abr	asion of	CA by LA T		e LA M LA R		AASI	HTO T-9	6		
		Run # 1	LA T	ype	LA R	esult					
Specific G	Fravity a	Run#1	LA T	ype of Coars	LA R	esult egate	AASI	HTO T-8			
Specific G	Fravity a	Run # 1 and Abso	LA T	ype	LA R	esult	AASI				
Specific G Nominal Bulk Spe	Fravity a I Aggrega ecific Gra	Run # 1 and Absorte Size:	LA T	ype of Coars	LA R	esult egate	AASI	HTO T-8			
Specific G Nominal Bulk Specific	Fravity a Aggrega ecific Gra Gravity (Run # 1 and Absorte Size:	LA T	ype of Coars	LA R	esult egate	AASI	HTO T-8			
Bulk Spe Specific	Gravity a I Aggrega ecific Gra Gravity (nt Specific	Run # 1 and Absorte Size: avity: (SSD):	LA T	ype of Coars	LA R	esult egate	AASI	HTO T-8			
Specific G Nominal Bulk Spe Specific Apparer Absorpt	Fravity a Aggrega ecific Gra Gravity (nt Specific ion:	Run # 1 and Absorte Size: avity: (SSD): c Gravity:	LA T	of Coars	e Aggr	egate 3/4"	AASI	HTO T-8	5		
Specific G Nominal Bulk Specific Apparer	Fravity a Aggrega ecific Gra Gravity (nt Specific ion:	Run # 1 and Absorte Size: avity: (SSD): c Gravity:	LA T	of Coars	e Aggr	egate 3/4"	AASI	HTO T-8	5		
Specific G Nominal Bulk Specific Apparer Absorpt Soundness	Fravity a Aggrega ecific Gra Gravity (nt Specific ion: s of Agg	Run # 1 and Absorte Size: avity: SSD): c Gravity:	LA T	of Coars 3/8" f Sodium	e Aggr	egate 3/4"	AASH	HTO T-8	5	#4-#8]
Specific G Nominal Bulk Specific Apparer Absorpt	Fravity a Aggrega ecific Gra Gravity (nt Specific ion: s of Agg	Run # 1 and Absorte Size: avity: SSD): c Gravity:	LA T	of Coars 3/8" f Sodium	e Aggr	egate 3/4"	AASH	HTO T-8	5	# 4 - # 8	
Specific G Nominal Bulk Specific Apparer Absorpt Soundness Sieve Siz % Loss:	Fravity a I Aggrega ecific Gra Gravity (nt Specific ion: s of Agg	Run # 1 and Absorte Size: avity: (SSD): c Gravity: aregate b	LA T	of Coars 3/8" f Sodium 1" 1" -	e Aggr 1/2" Sulfat	egate 3/4" te 3/4" - 1/2	AASH AASH 2" 1/2"	HTO T-8	5 04 3/8" - # 4	#4-#8	
Specific G Nominal Bulk Specific Apparer Absorpt Soundness Sieve Siz % Loss:	Fravity a I Aggrega ecific Gra Gravity (nt Specific ion: s of Agg	Run # 1 and Absorte Size: avity: SSD): c Gravity: aregate b - 1 1/2"	LA T	of Coars 3/8" f Sodium 1" 1" -	e Aggr 1/2" Sulfat	egate 3/4" te ggregate	AASH AASH 2" 1/2"	HTO T-8	5 04 3/8" - # 4	# 4 - # 8	