

Contract	Age	Cylinder	LBF	PSI	Area	P/F	Design	Required	Made	Tested	Fraacture
T129	30	2	70370	5600	12.566	Pass	19697	3500	9/28/2019	10/28/2019	Cone & Shear
T129	30	2A	69963	5570	12.566	Pass	19697	3500	9/28/2019	10/28/2019	Cone & Shear
T129	29	3	83524	6610	12.636	Pass	19697	3500	9/29/2019	10/28/2019	Cone & Shear
T129	29	3A	86660	6860	12.636	Pass	19697	3500	9/29/2019	10/28/2019	Cone & Shear
T154	30	43	114070	9080	12.566	Pass	19345	3000	9/28/2019	10/28/2019	Cone & Shear
T154	30	43A	114151	9080	12.566	Pass	19345	3000	9/28/2019	10/28/2019	Cone & Split
Q346	28	W71	53772	4280	12.566	Pass	19320	3000	9/30/2019	10/28/2019	Cone & Shear
Q346	28	W71A	55010	4380	12.566	Pass	19320	3000	9/30/2019	10/28/2019	Cone & Shear
T014	28	4ARB	136568	10820	12.623	Pass	19405	6500	9/30/2019	10/28/2019	Columnar
T014	28	4ARB	140774	11150	12.623	Pass	19405	6500	9/30/2019	10/28/2019	Cone
S338	28	59	66913	5320	12.566	Pass	19582	3000	9/30/2019	10/28/2019	Cone & Shear
S338	28	59A	73525	5850	12.566	Pass	19582	3000	9/30/2019	10/28/2019	Cone & Shear
S338	28	717	60310	4780	12.604	Pass	19485	4000	9/30/2019	10/28/2019	Cone & Shear
S338	28	717A	60159	4770	12.604	Pass	19485	4000	9/30/2019	10/28/2019	Cone & Shear
111041	28	B3-5	66253	5270	12.566	Pass	19087	3000	9/30/2019	10/28/2019	Cone & Shear
111041	28	B3-5A	65545	5220	12.566	Pass	19087	3000	9/30/2019	10/28/2019	Cone & Shear
111041	28	B2-11	65507	5210	12.566	Pass	19087	3000	9/30/2019	10/28/2019	Cone & Shear
111041	28	B2-11A	67820	5400	12.566	Pass	19087	3000	9/30/2019	10/28/2019	Cone & Shear
DB1701	28	518A	108324	3830	28.274	Pass	19233	3000	9/30/2019	10/28/2019	Cone
DB1701	28	518B	99260	3510	28.274	Pass	19233	3000	9/30/2019	10/28/2019	Cone
S369	28	19	40732	3240	12.566	Pass	19377	3000	9/30/2019	10/28/2019	Cone
S369	28	19A	40832	3250	12.566	Pass	19377	3000	9/30/2019	10/28/2019	Cone
T184	28	1	45018	3580	12.566	Pass	19760	3000	9/30/2019	10/28/2019	Cone & Shear
T184	28	1A	46718	3720	12.566	Pass	19760	3000	9/30/2019	10/28/2019	Columnar
T096	28	7	118783	9410	12.629	Pass	19319	3000	9/30/2019	10/28/2019	Cone
T096	28	7A	120735	9610	12.566	Pass	19319	3000	9/30/2019	10/28/2019	Cone
T062	28	9	77478	6170	12.566	Pass	19645	3000	9/30/2019	10/28/2019	Cone & Shear
T062	28	9A	78578	6250	12.566	Pass	19645	3000	9/30/2019	10/28/2019	Columnar
T918	28	7	43938	3500	12.566	Pass	19699	3000	9/30/2019	10/28/2019	Cone & Shear
T918	28	7A	42868	3410	12.566	Pass	19699	3000	9/30/2019	10/28/2019	Cone & Shear
P079	30	424	50167	3990	12.566	Pass	19074	3000	9/28/2019	10/28/2019	Columnar
P079	30	424A	49771	3960	12.566	Pass	19074	3000	9/28/2019	10/28/2019	Cone
T134	28	12A	62166	4930	12.61	Pass	19162	3000	9/30/2019	10/28/2019	Cone & Shear

T134	28	12A	63868	5060	12.61	Pass	19162	3000	9/30/2019	10/28/2019	Cone & Shear
T079	28	25A	64927	5170	12.566	Pass	19324	3000	9/30/2019	10/28/2019	Columnar
T079	28	25A	63523	5050	12.566	Pass	19324	3000	9/30/2019	10/28/2019	Cone & Shear
T079	28	26A	57514	4580	12.566	Pass	19323	3000	9/30/2019	10/28/2019	Cone & Shear
T079	28	26A	63614	5060	12.566	Pass	19323	3000	9/30/2019	10/28/2019	Columnar
Q076	30	230A	86979	6920	12.566	Pass	19375	3000	9/28/2019	10/28/2019	Cone & Shear
Q076	30	230A	64664	5150	12.566	Pass	19375	3000	9/28/2019	10/28/2019	Columnar
Q029	30	G92A	90693	7220	12.566	Pass		3000	9/28/2019	10/28/2019	Columnar
Q029	30	G92A	92128	7330	12.566	Pass		3000	9/28/2019	10/28/2019	Cone
Q029	28	413A	55749	4440	12.566	Pass	19162	3000	9/30/2019	10/28/2019	Cone & Shear
Q029	28	413A	54762	4360	12.566	Pass	19162	3000	9/30/2019	10/28/2019	Cone & Shear
S060	25	25ARK	162105	12900	12.566	Pass	19038	3000	10/3/2019	10/28/2019	Cone
S060	25	25ARK	160219	12750	12.566	Pass	19038	3000	10/3/2019	10/28/2019	Cone
S060	21	26ARK	167322	13320	12.566	Pass	19038	10000	10/7/2019	10/28/2019	Cone
S060	21	26ARK	171909	13680	12.566	Pass	19038	10000	10/7/2019	10/28/2019	Cone
Q297	28	330A	67344	5350	12.598	Pass	19209	3000	9/30/2019	10/28/2019	Columnar
Q297	28	330A	64256	5110	12.566	Pass	19209	3000	9/30/2019	10/28/2019	Cone & Shear
116765	28	11A	59007	4700	12.566	Pass	19303	3000	9/30/2019	10/28/2019	Columnar
116765	28	11A	61200	4870	12.566	Pass	19303	3000	9/30/2019	10/28/2019	Cone & Shear
120086	28	34A	43686	3480	12.566	Pass	19495	3000	9/30/2019	10/28/2019	Cone & Shear
120086	28	34A	41545	3310	12.566	Pass	19495	3000	9/30/2019	10/28/2019	Columnar
T247	30	4	129022	10270	12.566	Pass	19142	3000	9/28/2019	10/28/2019	Columnar
T247	30	4A	125573	9990	12.566	Pass	19142	3000	9/28/2019	10/28/2019	Cone
R279	9	114B	59050	4700	12.566	Pass	19286	3000	10/19/2019	10/28/2019	Cone & Shear
R279	9	114B	56064	4460	12.566	Pass	19286	3000	10/19/2019	10/28/2019	Cone & Shear
S202	6	64B	85893	6840	12.566	Pass	19917	4500	10/22/2019	10/28/2019	Cone & Shear
S202	6	64C	83719	6660	12.566	Pass	19917	4500	10/22/2019	10/28/2019	Cone & Shear
R260	28	IR241A	69570	5540	12.566	Pass	19057	3000	9/30/2019	10/29/2019	Cone & Shear
R260	28	IR241B	70537	5610	12.566	Pass	19057	3000	9/30/2019	10/29/2019	Cone & Shear
R260	28	SW240A	65791	5240	12.566	Pass	19057	3000	9/30/2019	10/29/2019	Cone & Shear
R260	28	SW240B	57882	4610	12.566	Pass	19057	3000	9/30/2019	10/29/2019	Cone & Shear
R260	28	BB242A	66825	5320	12.566	Pass	19117	3000	9/30/2019	10/29/2019	Cone & Shear
R260	28	BB242B	72791	5770	12.617	Pass	19117	3000	9/30/2019	10/29/2019	Cone & Shear
R277	28	74	56616	4510	12.566	Pass	19549	3000	9/30/2019	10/29/2019	Cone

R277	28	74A	57691	4590	12.566	Pass	19549	3000	9/30/2019	10/29/2019	Cone
R277	28	75	64540	5140	12.566	Pass	19549	3000	9/30/2019	10/29/2019	Cone & Shear
R277	28	75A	63739	5070	12.566	Pass	19549	3000	9/30/2019	10/29/2019	Cone & Shear
R277	28	75B	85313	6790	12.566	Pass	19549	3000	9/30/2019	10/29/2019	Cone & Shear
R277	28	75C	91587	7290	12.566	Pass	19549	3000	9/30/2019	10/29/2019	Cone & Shear
R277	28	76	53903	4290	12.566	Pass	19549	3000	10/1/2019	10/29/2019	Cone & Shear
R277	28	76A	51849	4130	12.566	Pass	19549	3000	10/1/2019	10/29/2019	Cone & Shear
R272	29	D199	79829	6350	12.566	Pass	19165	3000	9/30/2019	10/29/2019	Cone & Shear
R272	29	D199A	81649	6500	12.566	Pass	19165	3000	9/30/2019	10/29/2019	Cone & Shear
R272	28	D200	92566	7340	12.604	Pass	19165	3000	10/1/2019	10/29/2019	Cone & Shear
R272	28	D200A	85143	6760	12.604	Pass	19165	3000	10/1/2019	10/29/2019	Cone & Shear
R272	28	D201	66142	5260	12.566	Pass	19165	3000	10/1/2019	10/29/2019	Cone & Shear
R272	28	D201A	59464	4730	12.566	Pass	19165	3000	10/1/2019	10/29/2019	Cone & Shear
R260	28	BB243A	69435	5530	12.566	Pass	19117	3000	10/1/2019	10/29/2019	Cone & Shear
R260	28	BB243B	66960	5330	12.566	Pass	19117	3000	10/1/2019	10/29/2019	Cone & Shear
DB1701	28	1427C	81503	6490	12.566	Pass	19217	3000	10/1/2019	10/29/2019	Cone
DB1701	28	1427D	85110	6770	12.566	Pass	19217	3000	10/1/2019	10/29/2019	Cone & Shear
DB1701	28	1426C	101022	8040	12.566	Pass	19217	3000	9/28/2019	10/29/2019	Cone
DB1701	28	1426D	102187	8130	12.566	Pass	19217	3000	9/28/2019	10/29/2019	Cone
DB1701	28	1356A	95784	7620	12.566	Pass	19217	3000	9/29/2019	10/29/2019	Cone
DB1701	28	1356B	92505	7360	12.566	Pass	19217	3000	9/29/2019	10/29/2019	Cone
DB1701	28	519A	104081	3680	28.274	Pass		3000	10/1/2019	10/29/2019	Cone
DB1701	28	519B	109809	3880	28.274	Pass		3000	10/1/2019	10/29/2019	Cone
DB1701	28	1356C	89004	7080	12.566	Pass	19217	3000	9/30/2019	10/29/2019	Cone
DB1701	28	1356D	93281	7420	12.566	Pass	19217	3000	9/30/2019	10/29/2019	Cone
DB1701	28	1428C	95609	7610	12.566	Pass	19217	3000	10/1/2019	10/29/2019	Cone & Shear
DB1701	28	1428D	98834	7860	12.566	Pass	19217	3000	10/1/2019	10/29/2019	Cone & Shear
DB1701	28	1428A	92093	7300	12.61	Pass	19217	3000	10/1/2019	10/29/2019	Cone & Shear
DB1701	28	1428B	98051	7780	12.61	Pass	19217	3000	10/1/2019	10/29/2019	Cone & Shear
DB1701	28	1427A	95125	7570	12.566	Pass	19217	3000	9/30/2019	10/29/2019	Cone
DB1701	28	1427B	91236	7260	12.566	Pass	19217	3000	9/30/2019	10/29/2019	Cone
DB1701	28	734A	117804	9370	12.566	Pass	9472	3000	9/30/2019	10/29/2019	Cone & Shear
DB1701	28	734B	110118	8760	12.566	Pass	9472	3000	9/30/2019	10/29/2019	Cone & Shear
DB1701	28	735A	63068	5020	12.566	Pass	9400TN	3000	10/1/2019	10/29/2019	Cone & Shear

DB1701	28	735B	63047	5020	12.566	Pass	9400TN	3000	10/1/2019	10/29/2019	Columnar
DB1701	28	215A	65276	5180	12.598	Pass	19230	3000	9/28/2019	10/29/2019	Cone
DB1701	28	215B	61044	4860	12.566	Pass	19230	3000	9/28/2019	10/29/2019	Cone
DB1701	28	875A	44608	3550	12.566	Pass	19230	3000	10/1/2019	10/29/2019	Cone & Shear
DB1701	28	875B	43754	3480	12.566	Pass	19230	3000	10/1/2019	10/29/2019	Columnar
DB1701	28	877A	40783	3250	12.566	Pass	19230	3000	10/1/2019	10/29/2019	Cone & Split
DB1701	28	877B	45207	3600	12.566	Pass	19230	3000	10/1/2019	10/29/2019	Cone & Shear
Q346	28	W72	46378	3690	12.566	Pass	19370	3000	10/1/2019	10/29/2019	Columnar
Q346	28	W72A	43962	3500	12.566	Pass	19370	3000	10/1/2019	10/29/2019	Cone & Shear
R078	28	38	56076	4440	12.636	Pass	19093	3000	10/1/2019	10/29/2019	Columnar
R078	28	38A	61008	4830	12.636	Pass	19093	3000	10/1/2019	10/29/2019	Cone & Shear
T920	28	9	61814	4920	12.566	Pass	19848	3000	10/1/2019	10/29/2019	Cone & Shear
T920	28	9A	61660	4910	12.566	Pass	19848	3000	10/1/2019	10/29/2019	Cone & Shear
S182	28	13	61588	4900	12.566	Pass	19065	3000	10/1/2019	10/29/2019	Columnar
S182	28	13A	58785	4680	12.566	Pass	19065	3000	10/1/2019	10/29/2019	Columnar
T201	28	26A	55582	4420	12.573	Pass	19345	3000	10/1/2019	10/29/2019	Cone & Shear
T201	28	26A	62586	4980	12.566	Pass	19345	3000	10/1/2019	10/29/2019	Columnar
S003	28	27	70902	5640	12.566	Pass	19290	3000	10/1/2019	10/29/2019	Cone
S003	28	27A	74112	5900	12.566	Pass	19290	3000	10/1/2019	10/29/2019	Cone
T079	28	27A	66680	5310	12.566	Pass	19324	3000	10/1/2019	10/29/2019	Cone & Shear
T079	28	27A	68565	5460	12.566	Pass	19324	3000	10/1/2019	10/29/2019	Cone
Q076	28	385A	64131	5100	12.566	Pass	19381	3000	10/1/2019	10/29/2019	Cone
Q076	28	385A	61609	4900	12.566	Pass	19381	3000	10/1/2019	10/29/2019	Cone
Q076	28	231A	71300	5670	12.566	Pass	19375	3000	10/1/2019	10/29/2019	Columnar
Q076	28	231A	106672	8490	12.566	Pass	19375	3000	10/1/2019	10/29/2019	Cone & Shear
Q029	28	G93A	89686	7140	12.566	Pass		3000	10/1/2019	10/29/2019	Cone & Shear
Q029	28	G93A	97304	7740	12.566	Pass		3000	10/1/2019	10/29/2019	Cone
121998	28	2A	73909	5880	12.566	Pass	19323	3000	10/1/2019	10/29/2019	Cone
121998	28	2A	73978	5890	12.566	Pass	19323	3000	10/1/2019	10/29/2019	Cone & Shear
P079	28	425	56042	4440	12.629	Pass	19076	3000	9/30/2019	10/29/2019	Cone
P079	28	425A	55023	4380	12.566	Pass	19076	3000	9/30/2019	10/29/2019	Cone
R220	28	120	43627	3470	12.566	Pass	19312	3000	9/30/2019	10/29/2019	Cone
R220	28	120A	64243	5110	12.566	Pass	19312	3000	9/30/2019	10/29/2019	Cone
S234	28	54A	48509	3860	12.566	Pass	19776	3000	10/1/2019	10/29/2019	Cone & Shear

S234	28	54A	52090	4150	12.566	Pass	19776	3000	10/1/2019	10/29/2019	Cone & Shear
S234	28	55A	45180	3600	12.566	Pass	19776	3000	10/1/2019	10/29/2019	Cone & Shear
S234	28	55A	46224	3680	12.566	Pass	19776	3000	10/1/2019	10/29/2019	Cone
Q031	28	470	149077	5270	28.274	Pass	19554	3000	9/30/2019	10/29/2019	Cone & Shear
Q031	28	470A	157553	5570	28.274	Pass	19554	3000	9/30/2019	10/29/2019	Cone & Shear
Q031	28	471	159970	5660	28.279	Pass	19554	3000	10/1/2019	10/29/2019	Cone & Shear
Q031	28	471A	166221	5880	28.279	Pass	19554	3000	10/1/2019	10/29/2019	Cone & Shear
T016	28	48	66896	5320	12.566	Pass	19547	3000	9/30/2019	10/29/2019	Cone
T016	28	48A	65403	5200	12.566	Pass	19547	3000	9/30/2019	10/29/2019	Cone
T019	28	49	61969	4930	12.566	Pass	19547	3000	9/30/2019	10/29/2019	Cone & Shear
T019	28	49A	69105	5500	12.566	Pass	19547	3000	9/30/2019	10/29/2019	Cone & Shear
R277	28	77	65474	5180	12.642	Pass	19549	3000	10/1/2019	10/29/2019	Cone & Shear
R277	28	77A	67230	5350	12.566	Pass	19549	3000	10/1/2019	10/29/2019	Cone & Shear
P230	28	1606	69590	5540	12.566	Pass	19299	4000	9/30/2019	10/29/2019	Cone & Shear
P230	28	1606A	69254	5510	12.566	Pass	19299	4000	9/30/2019	10/29/2019	Cone & Shear
Q297	28	331A	81153	6460	12.566	Pass	19196	3000	10/1/2019	10/29/2019	Cone
Q297	28	331A	78003	6210	12.566	Pass	19196	3000	10/1/2019	10/29/2019	Cone & Shear
T192	28	1	71480	5690	12.566	Pass	BAG MIX	5000	10/1/2019	10/29/2019	Cone & Shear
T192	28	1A	68442	5450	12.566	Pass	BAG MIX	5000	10/1/2019	10/29/2019	Cone & Shear
T218	28	10	74360	5920	12.566	Pass	19525	3000	10/1/2019	10/29/2019	Cone & Shear
T218	28	10A	71765	5710	12.566	Pass	19525	3000	10/1/2019	10/29/2019	Cone & Shear
T247	28	5	137499	10940	12.566	Pass	19142	3000	9/30/2019	10/29/2019	Cone
T247	28	5A	126632	10080	12.566	Pass	19142	3000	9/30/2019	10/29/2019	Cone
S202	7	63B	122245	4320	28.274	Pass	19238	3000	10/22/2019	10/29/2019	Cone
S202	7	63B	120687	4270	28.274	Pass	19238	3000	10/22/2019	10/29/2019	Cone
P079	28	426	59242	4710	12.566	Pass	19070	3000	10/1/2019	10/29/2019	Cone & Shear
P079	28	426A	54216	4310	12.566	Pass	19070	3000	10/1/2019	10/29/2019	Cone
S317	13	39B	47260	3760	12.566	Pass	19523	3000	10/16/2019	10/29/2019	Cone & Shear
S317	13	39E	51395	4090	12.566	Pass	19523	3000	10/16/2019	10/29/2019	Cone & Shear
DB1701	28	1429A	99061	7880	12.566	Pass	19217	3000	10/2/2019	10/30/2019	Cone
DB1701	28	1429B	98246	7820	12.566	Pass	19217	3000	10/2/2019	10/30/2019	Cone & Shear
DB1701	28	520A	58655	4670	12.566	Pass	19230	3000	10/2/2019	10/30/2019	Columnar
DB1701	28	520B	54657	4350	12.566	Pass	19230	3000	10/2/2019	10/30/2019	Cone & Shear
DB1701	28	876A	64522	5120	12.604	Pass	19230	3000	10/2/2019	10/30/2019	Cone & Shear

DB1701	28	876A	64190	5110	12.566	Pass	19230	3000	10/2/2019	10/30/2019	Cone
R260	28	IR246A	57244	4560	12.566	Pass	19057	3000	10/2/2019	10/30/2019	Cone & Shear
R260	28	IR246B	49967	3980	12.566	Pass	19057	3000	10/2/2019	10/30/2019	Cone & Shear
R260	28	EE245A	58457	4650	12.566	Pass	19117	3000	10/2/2019	10/30/2019	Cone & Shear
R260	28	EE245B	57150	4550	12.566	Pass	19117	3000	10/2/2019	10/30/2019	Columnar
R260	28	BB244A	61119	4860	12.566	Pass	19117	3000	10/2/2019	10/30/2019	Cone & Shear
R260	28	BB244B	61994	4930	12.566	Pass	19117	3000	10/2/2019	10/30/2019	Cone & Shear
S060	28	54	78426	6240	12.566	Pass	19494	3000	10/2/2019	10/30/2019	Cone & Shear
S060	28	54A	75331	5990	12.566	Pass	19494	3000	10/2/2019	10/30/2019	Columnar
S202	28	55	137682	4870	28.274	Pass	19238	3000	10/2/2019	10/30/2019	Columnar
S202	28	55	145306	5140	28.274	Pass	19238	3000	10/2/2019	10/30/2019	Cone & Shear
S202	28	56	39918	3180	12.566	Pass	19264	3000	10/2/2019	10/30/2019	Cone & Shear
S202	28	56	41984	3340	12.566	Pass	19264	3000	10/2/2019	10/30/2019	Cone & Shear
R078	28	39	53004	4220	12.566	Pass	19093	3000	10/2/2019	10/30/2019	Cone & Shear
R078	28	39A	54669	4350	12.566	Pass	19093	3000	10/2/2019	10/30/2019	Cone & Shear
T096	28	8	91907	7310	12.566	Pass	19319	3000	10/2/2019	10/30/2019	Cone & Shear
T096	28	8A	86160	6860	12.566	Pass	19319	3000	10/2/2019	10/30/2019	Cone & Shear
T178	28	1	69105	5500	12.566	Pass	19089	3000	10/2/2019	10/30/2019	Cone & Shear
T178	28	1A	70196	5590	12.566	Pass	19089	3000	10/2/2019	10/30/2019	Cone & Shear
R260	28	IR248A	55705	4420	12.598	Pass	19057	3000	10/2/2019	10/30/2019	Cone
R260	28	IR248B	54217	4300	12.598	Pass	19057	3000	10/2/2019	10/30/2019	Cone
T113	28	1A	55330	4400	12.566	Pass	19206	3000	10/2/2019	10/30/2019	Cone
T113	28	1A	57154	4550	12.566	Pass	19206	3000	10/2/2019	10/30/2019	Cone & Shear
S258	28	15A	57873	4610	12.566	Pass	19206	3000	10/2/2019	10/30/2019	Cone & Shear
S258	28	15A	53963	4290	12.566	Pass	19206	3000	10/2/2019	10/30/2019	Columnar
T079	28	28A	62860	5000	12.566	Pass	19324	3000	10/2/2019	10/30/2019	Cone & Shear
T079	28	28A	61683	4910	12.566	Pass	19324	3000	10/2/2019	10/30/2019	Columnar
T079	28	29A	68846	5480	12.566	Pass	19323	3000	10/2/2019	10/30/2019	Cone & Shear
T079	28	29A	68951	5490	12.566	Pass	19323	3000	10/2/2019	10/30/2019	Cone & Shear
Q076	28	232A	88055	7000	12.573	Pass	19375	3000	10/2/2019	10/30/2019	Cone & Split
Q076	28	232A	75691	6020	12.566	Pass	19375	3000	10/2/2019	10/30/2019	Columnar
Q029	28	G94A	96323	7670	12.566	Pass		3000	10/2/2019	10/30/2019	Columnar
Q029	28	G94A	95064	7560	12.566	Pass		3000	10/2/2019	10/30/2019	Cone
R220	28	121	48021	3820	12.585	Pass	19312	3000	10/2/2019	10/30/2019	Cone & Shear

R220	28	121A	54985	4370	12.585	Pass	19312	3000	10/2/2019	10/30/2019	Cone & Shear
R321	28	83	61012	4860	12.566	Pass	19397	3000	10/2/2019	10/30/2019	Columnar
R321	28	83A	59773	4760	12.566	Pass	19397	3000	10/2/2019	10/30/2019	Cone & Shear
T014	28	7A	73502	5850	12.566	Pass	19668	3000	10/2/2019	10/30/2019	Cone & Shear
T014	28	7A	74037	5890	12.566	Pass	19668	3000	10/2/2019	10/30/2019	Cone & Shear
Q076	28	386A	64827	5150	12.598	Pass	19144	3000	10/2/2019	10/30/2019	Columnar
Q076	28	386A	65642	5220	12.566	Pass	19144	3000	10/2/2019	10/30/2019	Cone & Shear
R295	28	78A	51249	4080	12.566	Pass	19887	3000	10/2/2019	10/30/2019	Cone & Shear
R295	28	78A	57361	4560	12.566	Pass	19887	3000	10/2/2019	10/30/2019	Columnar
R272	28	MP146	45394	3610	12.566	Pass	19270	3000	10/2/2019	10/30/2019	Cone & Shear
R272	28	MP146A	44951	3580	12.566	Pass	19270	3000	10/2/2019	10/30/2019	Cone & Shear
R272	28	V145	54200	4300	12.592	Pass	19270	3000	10/2/2019	10/30/2019	Cone & Shear
R272	28	V145A	54428	4320	12.592	Pass	19270	3000	10/2/2019	10/30/2019	Cone & Shear
Q031	28	472	139543	4940	28.274	Pass	19554	3000	10/2/2019	10/30/2019	Columnar
Q031	28	472A	136592	4830	28.274	Pass	19554	3000	10/2/2019	10/30/2019	Columnar
Q031	28	472D	185096	6550	28.274	Pass	19554	3000	10/2/2019	10/30/2019	Cone & Shear
Q031	28	472E	184375	6520	28.274	Pass	19554	3000	10/2/2019	10/30/2019	Cone & Shear
R272	28	D202	70038	5570	12.566	Pass	19165	3000	10/2/2019	10/30/2019	Cone & Shear
R272	28	D202A	66543	5300	12.566	Pass	19165	3000	10/2/2019	10/30/2019	Cone & Shear
T174	28	9	53728	4280	12.566	Pass	19525	3000	10/2/2019	10/30/2019	Columnar
T174	28	9A	52439	4170	12.566	Pass	19525	3000	10/2/2019	10/30/2019	Cone
T070	28	8	67107	5340	12.566	Pass	19165	3000	10/2/2019	10/30/2019	Cone & Shear
T070	28	8A	67372	5360	12.566	Pass	19165	3000	10/2/2019	10/30/2019	Columnar
T298	28	1	72585	5780	12.566	Pass	19139	3000	10/2/2019	10/30/2019	Cone & Shear
T298	28	1A	72224	5750	12.566	Pass	19139	3000	10/2/2019	10/30/2019	Cone & Shear
R277	28	79	75070	5970	12.566	Pass	19549	3000	10/2/2019	10/30/2019	Columnar
R277	28	79A	74063	5890	12.566	Pass	19549	3000	10/2/2019	10/30/2019	Cone & Shear
R279	14	113C	64945	5170	12.566	Pass	19286	3000	10/16/2019	10/30/2019	Cone & Shear
R279	14	113C	69012	5490	12.566	Pass	19286	3000	10/16/2019	10/30/2019	Cone & Shear
S202	14	61C	127015	4490	28.274	Pass	19238	3000	10/16/2019	10/30/2019	Columnar
S202	14	61C	127583	4510	28.274	Pass	19238	3000	10/16/2019	10/30/2019	Cone
P230	28	1608	60269	4770	12.623	Pass	19118	3000	10/2/2019	10/30/2019	Cone & Shear
P230	28	1608A	57795	4600	12.566	Pass	19118	3000	10/2/2019	10/30/2019	Columnar
P230	28	1607	56013	4460	12.566	Pass	19118	3000	10/2/2019	10/30/2019	Cone & Shear

P230	28	1607A	57511	4580	12.566	Pass	19118	3000	10/2/2019	10/30/2019	Cone & Shear
S307	14	9B	64501	5130	12.566	Pass	19472	3000	10/16/2019	10/30/2019	Cone & Shear
T192	28	2	70440	5610	12.566	Pass	BAG MIX	5000	10/2/2019	10/30/2019	Columnar
T192	28	2A	67096	5340	12.566	Pass	BAG MIX	5000	10/2/2019	10/30/2019	Cone & Shear
DB1701	28	1429C	68834	5480	12.566	Pass	19217	3000	10/3/2019	10/31/2019	Cone & Shear
DB1701	28	1429D	67694	5390	12.566	Pass	19217	3000	10/3/2019	10/31/2019	Cone & Shear
DB1701	28	347A	79266	6310	12.566	Pass	19215	3000	10/3/2019	10/31/2019	Cone & Shear
DB1701	28	347B	73594	5860	12.566	Pass	19215	3000	10/3/2019	10/31/2019	Cone & Shear
R078	28	40	58721	4670	12.566	Pass	19093	3000	10/3/2019	10/31/2019	Cone & Shear
R078	28	40A	57030	4540	12.566	Pass	19093	3000	10/3/2019	10/31/2019	Cone & Shear
T154	28	44	59898	4760	12.579	Pass	19345	3000	10/3/2019	10/31/2019	Cone & Shear
T154	28	44A	57610	4580	12.566	Pass	19345	3000	10/3/2019	10/31/2019	Cone & Shear
S355	28	17	75375	6000	12.566	Pass	19765	4000	10/3/2019	10/31/2019	Cone & Shear
S355	28	17A	82959	6600	12.566	Pass	19765	4000	10/3/2019	10/31/2019	Cone & Shear
DB1701	28	521A	119315	4220	28.274	Pass	19233	3000	10/3/2019	10/31/2019	Cone
DB1701	28	521B	130704	4620	28.274	Pass	19233	3000	10/3/2019	10/31/2019	Cone & Shear
S272	28	14A	60926	4850	12.566	Pass	19162	3000	10/3/2019	10/31/2019	Cone & Shear
S272	28	14A	60876	4840	12.566	Pass	19162	3000	10/3/2019	10/31/2019	Columnar
T079	28	30A	60924	4850	12.566	Pass	19323	3000	10/3/2019	10/31/2019	Cone & Shear
T079	28	30A	62443	4970	12.566	Pass	19323	3000	10/3/2019	10/31/2019	Cone
T014	28	5ARB	140382	11150	12.592	Pass	19405	6500	10/3/2019	10/31/2019	Cone & Shear
T014	28	5ARB	128850	10230	12.592	Pass	19405	6500	10/3/2019	10/31/2019	Cone
P047	28	574-A	65390	5200	12.566	Pass	19292	3000	10/3/2019	10/31/2019	Cone & Shear
P047	28	574-A	65243	5190	12.566	Pass	19292	3000	10/3/2019	10/31/2019	Cone
120086	28	35A	37588	< 2990	12.566	Fail	620254	4000	10/3/2019	10/31/2019	Cone & Shear
120086	28	35A	36058	< 2870	12.566	Fail	620254	4000	10/3/2019	10/31/2019	Cone
121998	28	3A	66492	5290	12.566	Pass	19323	3000	10/3/2019	10/31/2019	Cone & Shear
121998	28	3A	62144	4950	12.566	Pass	19323	3000	10/3/2019	10/31/2019	Cone & Shear
R220	28	122	66560	5270	12.642	Pass	19312	3000	10/3/2019	10/31/2019	Cone
R220	28	122A	49286	3900	12.642	Pass	19312	3000	10/3/2019	10/31/2019	Cone & Shear
R220	28	123	49916	3970	12.566	Pass	19312	3000	10/3/2019	10/31/2019	Columnar
R220	28	123A	46263	3680	12.566	Pass	19312	3000	10/3/2019	10/31/2019	Columnar
DB1701	28	1357A	94005	7480	12.566	Pass	19217	3000	10/3/2019	10/31/2019	Cone
DB1701	28	1357B	94805	7540	12.566	Pass	19217	3000	10/3/2019	10/31/2019	Cone



T014	28	8A	72120	5740	12.566	Pass	19668	3000	10/3/2019	10/31/2019	Cone
T014	28	8A	74204	5900	12.566	Pass	19668	3000	10/3/2019	10/31/2019	Columnar
S060	21	27ARK	169125	13460	12.566	Pass	19038	10000	10/10/2019	10/31/2019	Cone
S060	21	27ARK	174242	13870	12.566	Pass	19038	10000	10/10/2019	10/31/2019	Cone
Q076	28	233A	33705	< 2680	12.566	Fail	19375	3000	10/3/2019	10/31/2019	Cone & Split
Q076	28	233A	47163	3750	12.566	Pass	19375	3000	10/3/2019	10/31/2019	Cone & Split
R295	28	79A	57954	4600	12.604	Pass	19768	3000	10/3/2019	10/31/2019	Columnar
R295	28	79A	59250	4710	12.566	Pass	19768	3000	10/3/2019	10/31/2019	Cone & Shear
R272	28	MP147	42411	3370	12.566	Pass	19270	3000	10/3/2019	10/31/2019	Columnar
R272	28	MP147A	45353	3610	12.566	Pass	19270	3000	10/3/2019	10/31/2019	Cone & Shear
Q031	28	473	200618	7090	28.303	Pass	19554	3000	10/3/2019	10/31/2019	Cone & Shear
Q031	28	473A	184889	6540	28.274	Pass	19554	3000	10/3/2019	10/31/2019	Cone & Shear
Q031	28	473D	186940	6610	28.274	Pass	19554	3000	10/3/2019	10/31/2019	Cone
Q031	28	473E	178288	6310	28.274	Pass	19554	3000	10/3/2019	10/31/2019	Columnar
T016	28	50	84035	6670	12.604	Pass	19547	3000	10/3/2019	10/31/2019	Columnar
T016	28	50A	82742	6580	12.566	Pass	19547	3000	10/3/2019	10/31/2019	Cone
T070	28	9	46763	3720	12.566	Pass	19165	3000	10/3/2019	10/31/2019	Cone
T070	28	9A	49844	3970	12.566	Pass	19165	3000	10/3/2019	10/31/2019	Cone & Shear
T298	28	2	70615	5620	12.566	Pass	19139	3000	10/3/2019	10/31/2019	Cone
T298	28	2A	73748	5870	12.566	Pass	19139	3000	10/3/2019	10/31/2019	Cone
T298	28	3	61747	4910	12.566	Pass	19139	3000	10/3/2019	10/31/2019	Cone
T298	28	3A	61574	4900	12.566	Pass	19139	3000	10/3/2019	10/31/2019	Cone
R277	28	80	58935	4690	12.566	Pass	19549	3000	10/3/2019	10/31/2019	Cone & Shear
R277	28	80A	60737	4830	12.566	Pass	19549	3000	10/3/2019	10/31/2019	Cone & Shear
R277	28	81	50759	4040	12.566	Pass	19549	3000	10/3/2019	10/31/2019	Columnar
R277	28	81A	50541	4020	12.566	Pass	19549	3000	10/3/2019	10/31/2019	Columnar
P230	28	1609	94735	3350	28.274	Pass	19281	3000	10/3/2019	10/31/2019	Columnar
P230	28	1609A	95844	3390	28.274	Pass	19281	3000	10/3/2019	10/31/2019	Cone & Shear
S060	15	29ARK	153381	12210	12.566	Pass	19038	10000	10/16/2019	10/31/2019	Cone
S060	15	29ARK	158413	12610	12.566	Pass	19038	10000	10/16/2019	10/31/2019	Cone
Q029	28	G95A	86372	6870	12.566	Pass	19905	3000	10/3/2019	10/31/2019	Cone & Shear
Q029	28	G95A	83315	6630	12.566	Pass	19905	3000	10/3/2019	10/31/2019	Columnar
S060	17	28ARK	157765	12550	12.566	Pass	19038	10000	10/14/2019	10/31/2019	Cone
S060	17	28ARK	163860	13040	12.566	Pass	19038	10000	10/14/2019	10/31/2019	Cone

Q297	28	332A	49204	3920	12.566	Pass	19196	3000	10/3/2019	10/31/2019	Columnar
Q297	28	332A	46998	3740	12.566	Pass	19196	3000	10/3/2019	10/31/2019	Cone
S307	14	10B	65477	5210	12.566	Pass	19472	3000	10/17/2019	10/31/2019	Cone
T218	28	11	64903	5160	12.566	Pass	19525	3000	10/3/2019	10/31/2019	Cone
T218	28	11A	65390	5200	12.566	Pass	19525	3000	10/3/2019	10/31/2019	Cone & Shear
S060	13	30ARK	165846	13200	12.566	Pass	19038	10000	10/18/2019	10/31/2019	Cone
S060	13	30ARK	152766	12160	12.566	Pass	19038	10000	10/18/2019	10/31/2019	Cone
P079	28	427	57751	4600	12.566	Pass	19070	3000	10/3/2019	10/31/2019	Columnar
P079	28	427A	59261	4720	12.566	Pass	19070	3000	10/3/2019	10/31/2019	Cone & Shear
R252	35	97	74717	5950	12.566	Pass	19376	3000	9/26/2019	10/31/2019	Cone
R252	35	97A	87330	6950	12.566	Pass	19376	3000	9/26/2019	10/31/2019	Cone & Shear
R252	29	98	81176	6460	12.566	Pass	19376	3000	10/2/2019	10/31/2019	Cone & Shear
R252	29	98A	78908	6280	12.566	Pass	19376	3000	10/2/2019	10/31/2019	Cone & Shear
R252	29	98F	81012	6450	12.566	Pass	19376	3000	10/2/2019	10/31/2019	Cone & Shear
R252	29	98G	79516	6330	12.566	Pass	19376	3000	10/2/2019	10/31/2019	Cone & Shear
Q346	28	W74	26987	< 2150	12.566	Fail	19333	3000	10/4/2019	11/1/2019	Cone & Shear
Q346	28	W74A	26286	< 2090	12.566	Fail	19333	3000	10/4/2019	11/1/2019	Cone & Shear
Q346	28	R78	46596	3710	12.566	Pass	19333	3000	10/4/2019	11/1/2019	Columnar
Q346	28	R78A	43031	3420	12.566	Pass	19333	3000	10/4/2019	11/1/2019	Cone
R078	28	41	50224	3970	12.636	Pass	19093	3000	10/4/2019	11/1/2019	Cone & Shear
R078	28	41A	49955	3980	12.566	Pass	19093	3000	10/4/2019	11/1/2019	Columnar
T184	28	2	60183	4790	12.566	Pass	19881	4000	10/4/2019	11/1/2019	Cone & Shear
T184	28	2A	58621	4660	12.566	Pass	19881	4000	10/4/2019	11/1/2019	Cone & Shear
Q921	29	724	52094	4150	12.566	Pass	19476	3000	10/3/2019	11/1/2019	Cone & Shear
Q921	29	724A	50426	4010	12.566	Pass	19476	3000	10/3/2019	11/1/2019	Cone & Shear
R260	28	BB247A	68492	5450	12.566	Pass	19117	3000	10/4/2019	11/1/2019	Cone & Shear
R260	28	BB247B	66206	5270	12.566	Pass	19117	3000	10/4/2019	11/1/2019	Cone & Shear
DB1701	28	878A	67286	5350	12.566	Pass	19230	3000	10/4/2019	11/1/2019	Cone & Shear
DB1701	28	878B	64322	5120	12.566	Pass	19230	3000	10/4/2019	11/1/2019	Columnar
DB1701	28	348A	59028	4700	12.566	Pass	19230	3000	10/4/2019	11/1/2019	Columnar
DB1701	28	348B	62257	4950	12.566	Pass	19230	3000	10/4/2019	11/1/2019	Cone & Shear
DB1701	28	1801A	63818	5080	12.566	Pass	19230	3000	10/4/2019	11/1/2019	Cone & Shear
DB1701	28	1801B	66983	5330	12.566	Pass	19230	3000	10/4/2019	11/1/2019	Cone & Shear
DB1701	28	1358A	88238	7010	12.592	Pass	19350	3000	10/4/2019	11/1/2019	Columnar

DB1701	28	1358B	84470	6710	12.592	Pass	19350	3000	10/4/2019	11/1/2019	Cone & Shear
DB1701	28	1358C	50557	4020	12.566	Pass	19350	3000	10/4/2019	11/1/2019	Cone & Shear
DB1701	28	1358D	51054	4060	12.566	Pass	19350	3000	10/4/2019	11/1/2019	Cone & Shear
T201	28	27	68535	5450	12.566	Pass	19345	3000	10/4/2019	11/1/2019	Columnar
T201	28	27A	63360	5040	12.566	Pass	19345	3000	10/4/2019	11/1/2019	Columnar
T201	28	28A	57446	4570	12.566	Pass	19345	3000	10/4/2019	11/1/2019	Columnar
T201	28	28A	56713	4510	12.566	Pass	19345	3000	10/4/2019	11/1/2019	Cone
116765	28	12A	59062	4690	12.592	Pass	19303	3000	10/4/2019	11/1/2019	Columnar
116765	28	12A	58507	4650	12.592	Pass	19303	3000	10/4/2019	11/1/2019	Cone & Shear
111041	28	B2-12	64131	5100	12.566	Pass	19087	3000	10/4/2019	11/1/2019	Cone
111041	28	B2-12A	61225	4870	12.566	Pass	19087	3000	10/4/2019	11/1/2019	Cone
R220	28	124	73111	5820	12.566	Pass	19312	3000	10/4/2019	11/1/2019	Cone & Shear
R220	28	124A	63357	5040	12.566	Pass	19312	3000	10/4/2019	11/1/2019	Cone & Shear
S369	28	20	53757	4280	12.566	Pass	19377	4000	10/4/2019	11/1/2019	Cone & Shear
S369	28	20A	55670	4430	12.566	Pass	19377	4000	10/4/2019	11/1/2019	Cone
R273	28	1	this cylinder was too damaged to test					flow fill			
R273	28	1A	1040	80	12.566	Pass	19583	flow fill	10/4/2019	11/1/2019	Cone
R321	28	84	58750	4670	12.585	Pass	19397	3000	10/4/2019	11/1/2019	Cone
R321	28	84A	58679	4660	12.585	Pass	19397	3000	10/4/2019	11/1/2019	Cone & Shear
140134	28	3A	58913	4690	12.566	Pass	19699	3000	10/4/2019	11/1/2019	Cone
140134	28	3B	57998	4620	12.566	Pass	19699	3000	10/4/2019	11/1/2019	Cone & Shear
T014	28	9A	73969	5890	12.566	Pass	19668	3000	10/4/2019	11/1/2019	Cone & Shear
T014	28	9A	77183	6140	12.566	Pass	19668	3000	10/4/2019	11/1/2019	Cone & Shear
Q079	28	387A	61273	4880	12.566	Pass	19144	3000	10/4/2019	11/1/2019	Cone
Q079	28	387A	62159	4950	12.566	Pass	19144	3000	10/4/2019	11/1/2019	Cone
R272	28	V148	62705	4990	12.566	Pass	19270	3000	10/4/2019	11/1/2019	Cone
R272	28	V148A	66987	5330	12.566	Pass	19270	3000	10/4/2019	11/1/2019	Cone
Q031	28	474	82008	6530	12.566	Pass	19547	3000	10/4/2019	11/1/2019	Cone & Shear
Q031	28	474A	79084	6290	12.566	Pass	19547	3000	10/4/2019	11/1/2019	Cone & Shear
T016	28	51	78264	6230	12.566	Pass	19547	3000	10/4/2019	11/1/2019	Cone & Shear
T016	28	51A	73139	5820	12.566	Pass	19547	3000	10/4/2019	11/1/2019	Cone & Shear
R277	28	82	67034	5310	12.617	Pass	19549	3000	10/4/2019	11/1/2019	Cone & Split
R277	28	82A	67758	5370	12.617	Pass	19549	3000	10/4/2019	11/1/2019	Cone & Split
DB1701	28	522A	91320	3230	28.274	Pass	19233	3000	10/4/2019	11/1/2019	Cone & Split

DB1701	28	522B	97097	3430	28.274	Pass	19233	3000	10/4/2019	11/1/2019	Cone & Shear
S202	14	62C	133079	4710	28.274	Pass	19238	3000	10/18/2019	11/1/2019	Cone & Shear
S202	14	62C	122284	4320	28.274	Pass	19238	3000	10/18/2019	11/1/2019	Cone & Shear
P230	28	1611	130283	4610	28.274	Pass	19281	3000	10/4/2019	11/1/2019	Cone & Shear
P230	28	1611A	123300	4360	28.274	Pass	19281	3000	10/4/2019	11/1/2019	Cone & Shear
P230	28	1610	61911	4930	12.566	Pass	19299	4000	10/4/2019	11/1/2019	Cone
P230	28	1610A	61371	4880	12.566	Pass	19299	4000	10/4/2019	11/1/2019	Cone & Shear
Q029	28	G96A	98929	7830	12.629	Pass	19905	3000	10/4/2019	11/1/2019	Cone
Q029	28	G96A	96714	7700	12.566	Pass	19905	3000	10/4/2019	11/1/2019	Cone & Shear
S307	14	11B	54206	4310	12.566	Pass	19472	3000	10/18/2019	11/1/2019	Columnar
T298	28	4	78553	6250	12.566	Pass	19139	3000	10/4/2019	11/1/2019	Cone & Shear
T298	28	4A	76049	6050	12.566	Pass	19139	3000	10/4/2019	11/1/2019	Columnar
P079	28	428	48895	3890	12.566	Pass	19070	3000	10/4/2019	11/1/2019	Cone & Shear
P079	28	428A	51804	4120	12.566	Pass	19070	3000	10/4/2019	11/1/2019	Cone & Shear