

	Contract	Age	Cylinder	Load	PSI	Area	Fracture	Pass/Fail	Design #	Required	Date Made	Test Date
1	Q213	8	44B	83527	2950	28.274	Cone & Split	Fail	19614	3000	5/20/2019	5/28/2019
1	S305	8	12B	77934	6200	12.566	Cone & Shear	Pass	19032	3000	5/20/2019	5/28/2019
2	S305	8	12C	77971	6200	12.566	Cone	Pass	19032	3000	5/20/2019	5/28/2019
1	S244	7	4B	64183	5110	12.566	Columnar	Pass	19230	3000	5/21/2019	5/28/2019
1	S244	8	3D	46216	3680	12.566	Columnar	Pass	19230	3000	5/20/2019	5/28/2019
2	S244	8	3E	44997	3580	12.566	Cone & Shear	Pass	19230	3000	5/20/2019	5/28/2019
1	S262	5	15B	53625	4270	12.566	Columnar	Pass	19219	4000	5/21/2019	5/28/2019
1	S262	5	16B	61902	4930	12.566	Columnar	Pass	19219	4000	5/21/2019	5/28/2019
1	S262	5	17B	56840	4520	12.566	Columnar	Pass	19219	4000	5/21/2019	5/28/2019
1	Q213	8	46B	91451	3230	28.274	Cone & Shear	Pass	19614	3000	5/21/2019	5/29/2019
1	S369	7	7B	36399	2900	12.566	Cone & Shear	Fail	19377	3000	5/23/2019	5/30/2019
1	Q213	2	49B	91427	3230	28.274	Columnar	Pass	19614	3000	5/28/2019	5/30/2019
1	S362	30	4	104973	8350	12.566	Columnar	Pass	19414	3000	4/27/2019	5/28/2019
2	S362	30	4A	102339	8140	12.566	Cone	Pass	19414	3000	4/27/2019	5/28/2019
1	T067	28	1	84726	6740	12.566	Cone	Pass	1945/8	3000	4/29/2019	5/28/2019
2	T067	28	1A	86382	6870	12.566	Cone	Pass	1945/8	3000	4/29/2019	5/28/2019
1	DB1701	28	104	80219	6380	12.566	Cone	Pass	19248	3000	4/27/2019	5/28/2019
2	DB1701	28	104A	79378	6320	12.566	Cone	Pass	19248	3000	4/27/2019	5/28/2019
1	S244	28	2	59820	4760	12.566	Cone & Shear	Pass	19230	3000	4/30/2019	5/31/2019
2	S244	28	2A	59391	4730	12.566	Cone & Shear	Pass	19230	3000	4/30/2019	5/31/2019
1	S369	28	4	54699	4350	12.566	Cone	Pass	19377	3000	5/2/2019	5/30/2019
2	S369	28	4A	56786	4520	12.566	Cone	Pass	19377	3000	5/2/2019	5/30/2019
1	R024	28	36	47997	3800	12.617	Cone	Pass	19612	3000	5/2/2019	5/30/2019
2	R024	28	36A	46653	3700	12.617	Cone	Pass	19612	3000	5/2/2019	5/30/2019
1	Q921	28	903	81314	6470	12.566	Cone & Shear	Pass	19476	3000	5/1/2019	5/30/2019
2	Q921	28	903A	84810	6750	12.566	Cone & Shear	Pass	19476	3000	5/1/2019	5/30/2019
1	S060	28	8	75582	6010	12.566	Cone	Pass	19621	3000	5/3/2019	5/31/2019
2	S060	28	8A	80593	6410	12.566	Cone	Pass	19621	3000	5/3/2019	5/31/2019
1	R243	28	120	66614	5300	12.566	Cone	Pass	19065	3000	5/3/2019	5/31/2019
2	R243	28	120A	70916	5640	12.566	Cone	Pass	19065	3000	5/3/2019	5/31/2019
1	Q346	28	W33	62434	4940	12.629	Cone & Shear	Pass	19329	3000	4/29/2019	5/28/2019

	Contract	Age	Cylinder	Load	PSI	Area	Fracture	Pass/Fail	Design #	Required	Date Made	Test Date
	Q346	28	W33A	62861	4980	12.629	Cone & Shear	Pass	19329	3000	4/29/2019	5/28/2019
1	Q346	28	W36	75648	6020	12.566	Cone & Shear	Pass	19329	3000	5/1/2019	5/30/2019
2	Q346	28	W36A	88824	7070	12.566	Cone & Shear	Pass	19329	3000	5/1/2019	5/30/2019
1	Q172	28	124	59677	4750	12.566	Cone & Shear	Pass	19057	3000	5/1/2019	5/30/2019
2	Q172	28	124A	42943	3420	12.566	Cone & Shear	Pass	19057	3000	5/1/2019	5/30/2019
1	Q172	28	122	44487	3540	12.566	Cone	Pass	19087	3000	4/29/2019	5/28/2019
2	Q172	28	122A	57472	4570	12.566	Cone	Pass	19087	3000	4/29/2019	5/28/2019
1	R220	28	39	55068	4380	12.566	Cone	Pass	19311	3000	4/29/2019	5/28/2019
2	R220	28	39A	52713	4190	12.566	Cone	Pass	19311	3000	4/29/2019	5/28/2019
1	DB1701	28	306A	76420	6080	12.566	Cone & Shear	Pass	19215	3000	5/2/2019	5/31/2019
2	DB1701	28	306B	77519	6170	12.566	Cone & Shear	Pass	19215	3000	5/2/2019	5/31/2019
1	DB1701	28	305	68757	5470	12.566	Cone & Shear	Pass	19230	3000	5/1/2019	5/30/2019
2	DB1701	28	305A	69070	5500	12.566	Cone & Shear	Pass	19230	3000	5/1/2019	5/30/2019
1	R279	28	74	46001	3660	12.566	Cone	Pass	19286	3000	5/3/1931	5/31/2019
2	R279	28	74A	64324	5120	12.566	Cone	Pass	19286	3000	5/3/1931	5/31/2019
1	DB1701	28	810A	60549	4820	12.566	Cone & Shear	Pass	19215	3000	5/3/2019	5/31/2019
2	DB1701	28	810B	63411	5050	12.566	Cone & Shear	Pass	19215	3000	5/3/2019	5/31/2019
1	S032	28	31	70566	5620	12.566	Cone & Shear	Pass	19328	3000	5/2/2019	5/31/2019
2	S032	28	31A	72925	5800	12.566	Cone & Shear	Pass	19328	3000	5/2/2019	5/31/2019
1	T131	28	1	102115	8130	12.566	Columnar	Pass	19345	3000	4/29/2019	5/28/2019
2	T131	28	1A	99137	7890	12.566	Columnar	Pass	19345	3000	4/29/2019	5/28/2019
1	S088	28	13	77116	6140	12.566	Cone & Split	Pass	19323	3000	4/29/2019	5/28/2019
2	S088	28	13A	77940	6200	12.566	Cone & Split	Pass	19323	3000	4/29/2019	5/28/2019
1	S259	28	14	54534	4320	12.636	Cone & Shear	Pass	19161	3000	4/29/2019	5/28/2019
2	S259	28	14A	48718	3860	12.636	Cone & Shear	Pass	19161	3000	4/29/2019	5/28/2019
1	S259	28	15	72557	5770	12.566	Cone	Pass	19161	3000	4/29/2019	5/28/2019
2	S259	28	15A	66474	5290	12.566	Cone	Pass	19161	3000	4/29/2019	5/28/2019
1	S272	28	2ARK	197824	15740	12.566	Cone	Pass	19463	10000	4/29/2019	5/28/2019
2	S272	28	2ARK	219462	17460	12.566	Cone	Pass	19463	10000	4/29/2019	5/28/2019
1	P287	28	167	82211	6540	12.566	Cone & Shear	Pass	19627	3000	5/2/2019	5/30/2019
2	P287	28	167A	79131	6300	12.566	Cone & Shear	Pass	19627	3000	5/2/2019	5/30/2019

	Contract	Age	Cylinder	Load	PSI	Area	Fracture	Pass/Fail	Design #	Required	Date Made	Test Date
1	120315	28	79	65468	5200	12.585	Cone & Split	Pass	19206	3000	4/29/2019	5/28/2019
2	120315	28	79A	66954	5320	12.585	Cone & Shear	Pass	19206	3000	4/29/2019	5/28/2019
1	Q029	28	336	65790	5240	12.566	Cone & Shear	Pass	19205	3000	4/29/2019	5/28/2019
2	Q029	28	336A	65702	5230	12.566	Cone & Shear	Pass	19205	3000	4/29/2019	5/28/2019
1	Q029	28	335	61188	4870	12.566	Cone & Shear	Pass	19162	3000	4/29/2019	5/28/2019
2	Q029	28	335A	61453	4890	12.566	Cone & Shear	Pass	19162	3000	4/29/2019	5/28/2019
1	S258	28	4	61229	4870	12.566	Cone & Shear	Pass	19206	3000	4/29/2019	5/28/2019
2	S258	28	4A	60881	4840	12.566	Cone & Shear	Pass	19206	3000	4/29/2019	5/28/2019
1	T132	28	5	80090	6370	12.566	Cone	Pass	19345	3000	5/2/2019	5/30/2019
2	T132	28	5A	116785	9290	12.566	Cone	Pass	19345	3000	5/2/2019	5/30/2019
1	S202	28	21	76496	6090	12.566	Cone	Pass	19565	3000	5/3/2019	5/31/2019
2	S202	28	21A	82585	6570	12.566	Cone	Pass	19565	3000	5/3/2019	5/31/2019
1	S202	28	22	64904	5150	12.61	Cone	Pass	19565	3000	5/3/2019	5/31/2019
2	S202	28	22A	68052	5400	12.61	Cone	Pass	19565	3000	5/3/2019	5/31/2019
1	S338	28	7	80494	6410	12.566	Cone & Split	Pass	19582	3000	5/3/2019	5/31/2019
2	S338	28	7A	80070	6370	12.566	Cone & Split	Pass	19582	3000	5/3/2019	5/31/2019
1	R272	28	MP108	155877	5510	28.274	Cone & Shear	Pass	19338	3000	5/3/2019	5/31/2019
2	R272	28	MP108A	160557	5680	28.274	Cone & Shear	Pass	19338	3000	5/3/2019	5/31/2019
1	R272	28	WMC156	95102	7570	12.566	Cone	Pass	10163	3000	5/2/2019	5/30/2019
2	R272	28	WMC156A	91865	7310	12.566	Cone	Pass	10163	3000	5/2/2019	5/30/2019
1	CPI	28	13L	131316	10450	12.566	Cone	Pass	19025	6500	5/1/2019	5/30/2019
2	CPI	28	13L	136572	10870	12.566	Cone	Pass	19025	6500	5/1/2019	5/30/2019
1	CPI	28	14L	148348	11810	12.566	Cone & Shear	Pass	19027	9000	5/2/2019	5/30/2019
2	CPI	28	14L	146080	11620	12.566	Cone & Shear	Pass	19027	9000	5/2/2019	5/30/2019
1	CPI	28	15D	139900	11130	12.566	Cone	Pass	19027	9000	5/3/2019	5/31/2019
2	CPI	28	15D	141235	11240	12.566	Cone	Pass	19027	9000	5/3/2019	5/31/2019
1	Q031	28	339	71433	5680	12.566	Cone & Shear	Pass	19547	3000	4/29/2019	5/28/2019
2	Q031	28	339A	74379	5920	12.566	Cone & Shear	Pass	19547	3000	4/29/2019	5/28/2019
1	S316	28	2	81763	6510	12.566	Cone	Pass	19385	3000	5/3/2019	5/31/2019
2	S316	28	2A	83411	6640	12.566	Cone	Pass	19385	3000	5/3/2019	5/31/2019
1	T067	28	1D	83358	6630	12.566	Cone	Pass	19458	3000	4/29/2019	5/28/2019

	Contract	Age	Cylinder	Load	PSI	Area	Fracture	Pass/Fail	Design #	Required	Date Made	Test Date
2	T067	28	1E	82833	6590	12.566	Cone	Pass	19458	3000	4/29/2019	5/28/2019
1	DB1601	28	41	73427	5840	12.566	Cone	Pass	19117	3000	4/29/2019	5/28/2019
2	DB1601	28	41A	76647	6100	12.566	Cone	Pass	19117	3000	4/29/2019	5/28/2019
1	Q172	28	126	66997	5330	12.566	Cone	Pass	19087	3000	5/3/2019	5/31/2019
2	Q172	28	126A	64563	5140	12.566	Cone	Pass	19087	3000	5/3/2019	5/31/2019
1	S257	28	13	74564	5930	12.566	Cone	Pass	19376	3000	5/3/2019	5/31/2019
2	S257	28	13A	77095	6140	12.566	Cone	Pass	19376	3000	5/3/2019	5/31/2019
1	R220	14	42B	55065	4380	12.566	Cone & Shear	Pass	19310	3000	5/17/2019	5/31/2019
1	S285	28	22	73067	5780	12.636	Cone & Shear	Pass	19272	3000	5/3/2019	5/31/2019
2	S285	28	22A	75524	5980	12.636	Cone & Shear	Pass	19272	3000	5/3/2019	5/31/2019
1	R016	28	1C	77706	6180	12.566	Cone	Pass	19636	4000	4/29/2019	5/28/2019
2	R016	28	1D	80804	6430	12.566	Cone	Pass	19636	4000	4/29/2019	5/28/2019
1	R252	28	87	92670	7370	12.566	Cone	Pass	19376	3000	4/29/2019	5/28/2019
2	R252	28	87A	88984	7080	12.566	Cone	Pass	19376	3000	4/29/2019	5/28/2019
1	Q213	14	43C	99719	3530	28.274	Cone & Shear	Pass	19614	3000	5/17/2019	5/31/2019
1	S262	10	16C	63229	5030	12.566	Cone	Pass	19219	4000	5/21/2019	5/31/2019
1	S262	10	17C	63906	5090	12.566	<None>	Pass	19219	4000	5/21/2019	5/31/2019
1	S262	10	15C	58109	4620	12.566	Cone & Shear	Pass	19219	4000	5/21/2019	5/31/2019
1	Q213	3	49C	92189	3260	28.274	Cone & Shear	Pass	19614	3000	5/28/2019	5/31/2019
1	Q213	7	47B	90247	3190	28.274	Cone	Pass	19614	3000	5/23/2019	5/31/2019
1	S327	3000	1	114466	9110	12.566	Cone	Pass	19481	3000	4/27/2019	5/28/2019
2	S327	3000	1A	109769	8740	12.566	Cone	Pass	19481	3000	4/27/2019	5/28/2019
1	S060	29	508	63156	5030	12.566	Cone & Split	Pass	19494	3000	4/29/2019	5/28/2019
2	S060	29	508A	63626	5060	12.566	Cone & Shear	Pass	19494	3000	4/29/2019	5/28/2019
1	S338	29	5	66724	5310	12.566	Cone	Pass	19582	3000	4/29/2019	5/28/2019
2	S338	29	5A	68245	5430	12.566	Columnar	Pass	19582	3000	4/29/2019	5/28/2019
1	S305	28	11	91471	7280	12.566	Cone & Shear	Pass	19032	3000	4/30/2019	5/28/2019
2	S305	28	11A	90797	7230	12.566	Cone	Pass	19032	3000	4/30/2019	5/28/2019
1	CPI	31	10A	65100	5180	12.566	Cone	Pass	19026	5000	4/27/2019	5/28/2019
2	CPI	31	10A	110949	8830	12.566	Cone	Pass	19026	5000	4/27/2019	5/28/2019

	Contract	Age	Cylinder	Load	PSI	Area	Fracture	Pass/Fail	Design #	Required	Date Made	Test Date
1	CPI	28	11A	87218	6900	12.642	Columnar	Pass	19026	5000	4/30/2019	5/28/2019
2	CPI	28	11B	89835	7110	12.642	Cone & Shear	Pass	19026	5000	4/30/2019	5/28/2019
1	CPI	28	12D	121079	10110	12.566	Cone	Pass	19026	8000	4/30/2019	5/28/2019
2	CPI	28	12D	117411	9340	12.566	Cone	Pass	19026	8000	4/30/2019	5/28/2019
1	R272	28	WMC154	85878	6830	12.566	Cone	Pass	19163	3000	4/30/2019	5/28/2019
2	R272	28	WMC154A	82638	6580	12.566	Cone	Pass	19163	3000	4/30/2019	5/28/2019
1	S338	28	6	73001	5810	12.566	Columnar	Pass	19583	3000	5/1/2019	5/29/2019
2	S338	28	6A	75443	6000	12.566	Columnar	Pass	19583	3000	5/1/2019	5/29/2019
1	R024	29	33	61329	4880	12.566	Cone	Pass	18612	3000	4/29/2019	5/28/2019
2	R024	29	33A	58264	4640	12.566	Columnar	Pass	18612	3000	4/29/2019	5/28/2019
1	R024	28	34	41224	3280	12.566	Cone & Shear	Pass	18612	3000	4/30/2019	5/28/2019
2	R024	28	34A	44309	3530	12.566	Cone & Shear	Pass	18612	3000	4/30/2019	5/28/2019
1	R024	28	35	73095	5820	12.566	Columnar	Pass	18612	3000	5/1/2019	5/29/2019
2	R024	28	35A	70385	5600	12.566	Cone & Split	Pass	18612	3000	5/1/2019	5/29/2019
1	112919	28	2	53136	4230	12.566	Columnar	Pass	19581	3000	4/30/2019	5/28/2019
2	112919	28	2A	52527	4180	12.566	Cone & Shear	Pass	19581	3000	4/30/2019	5/28/2019
1	112919	28	3	55778	4440	12.566	Columnar	Pass	19581	3000	5/1/2019	5/29/2019
2	112919	28	3A	55125	4390	12.566	Cone & Split	Pass	19581	3000	5/1/2019	5/29/2019
1	S060	28	509	59669	4750	12.566	Cone	Pass	19621	3000	5/1/2019	5/29/2019
2	S060	28	509A	63214	5030	12.566	Columnar	Pass	19621	3000	5/1/2019	5/29/2019
1	Q213	29	36	143208	5060	28.274	Cone & Shear	Pass	19080	3000	4/29/2019	5/28/2019
2	Q213	29	36A	142652	5050	28.274	Columnar	Pass	19080	3000	4/29/2019	5/28/2019
1	R273	28	107	60151	4790	12.566	Columnar	Pass	19087	3000	5/1/2019	5/29/2019
2	R273	28	107A	61090	4860	12.566	Cone	Pass	19087	3000	5/1/2019	5/29/2019
1	R273	28	108	55303	4400	12.566	Columnar	Pass	19087	3000	5/1/2019	5/29/2019
2	R273	28	108A	53765	4280	12.566	Cone	Pass	19087	3000	5/1/2019	5/29/2019
1	S244	28	3	54956	4370	12.566	Cone & Shear	Pass	19236	3000	4/30/2019	5/28/2019
2	S244	28	3A	60673	4830	12.566	Cone & Shear	Pass	19236	3000	4/30/2019	5/28/2019
1	S244	28	4	53752	4240	12.68	Columnar	Pass	19230	3000	5/1/2019	5/29/2019
2	S244	28	4A	63329	4990	12.68	Cone & Shear	Pass	19230	3000	5/1/2019	5/29/2019
1	S202	28	19	62154	4950	12.566	Cone & Shear	Pass	19565	3000	4/29/2019	5/28/2019

	Contract	Age	Cylinder	Load	PSI	Area	Fracture	Pass/Fail	Design #	Required	Date Made	Test Date
2	S202	28	19A	60521	4820	12.566	Columnar	Pass	19565	3000	4/29/2019	5/28/2019
1	S202	29	20	64230	5080	12.642	Columnar	Pass	19565	3000	4/29/2019	5/28/2019
2	S202	29	20A	57338	4540	12.642	Cone	Pass	19565	3000	4/29/2019	5/28/2019
1	S194	28	2	45363	3610	12.566	Cone & Split	Pass		3000	5/1/2019	5/29/2019
2	S194	28	2A	47231	3760	12.566	Cone & Split	Pass		3000	5/1/2019	5/29/2019
1	S273	28	5	74591	5940	12.566	Cone	Pass	19295	3000	4/30/2019	5/28/2019
2	S273	28	5A	72998	5810	12.566	Cone	Pass	19295	3000	4/30/2019	5/28/2019
1	S355	28	7	76198	6060	12.566	Columnar	Pass	19402	4000	4/30/2019	5/28/2019
2	S355	28	7A	77708	6180	12.566	Columnar	Pass	19402	4000	4/30/2019	5/28/2019
1	S266	28	7	65722	5200	12.636	Cone & Shear	Pass	13256	3000	5/1/2019	5/29/2019
2	S266	28	7A	66234	5240	12.636	Cone & Shear	Pass	13256	3000	5/1/2019	5/29/2019
1	P047	28	499	66064	5260	12.56	Cone	Pass	19292	3000	5/1/2019	5/29/2019
2	P047	28	499A	68817	5479	12.56	Cone	Pass	19292	3000	5/1/2019	5/29/2019
1	S254	30	21	77789	6140	12.667	Cone & Shear	Pass	19557	3000	4/29/2019	5/29/2019
2	S254	30	21A	82280	6500	12.667	Cone & Shear	Pass	19557	3000	4/29/2019	5/29/2019
1	S254	29	22	72189	5740	12.566	Cone & Shear	Pass	19557	3000	4/30/2019	5/29/2019
2	S254	29	22A	70688	5630	12.566	Cone & Shear	Pass	19557	3000	4/30/2019	5/29/2019
1	P230	28	1288	56702	4510	12.566	Cone	Pass	19281	3000	5/1/2019	5/29/2019
2	P230	28	1288A	53590	4260	12.566	Columnar	Pass	19281	3000	5/1/2019	5/29/2019
1	P230	28	1287	67001	5330	12.566	Cone & Shear	Pass	19299	4000	5/1/2019	5/29/2019
2	P230	28	1287A	68037	5410	12.566	Cone & Shear	Pass	19299	4000	5/1/2019	5/29/2019
1	S194	28	1	29770	2350	12.642	Columnar	Fail		3000	4/30/2019	5/28/2019
2	S194	28	1A	30162	2390	12.642	Columnar	Fail		3000	4/30/2019	5/28/2019
1	P230	30	1279	130975	4630	28.274	Columnar	Pass	19281	3000	4/25/2019	5/28/2019
2	P230	30	1279A	124581	4410	28.274	Columnar	Pass	19281	3000	4/25/2019	5/28/2019
1	P230	29	1285	59389	4700	12.629	Columnar	Pass	19299	4000	4/29/1930	5/28/2019
2	P230	29	1285A	63384	5020	12.629	Columnar	Pass	19299	4000	4/29/1930	5/28/2019
1	P230	29	1284	70516	5610	12.566	Cone & Shear	Pass	19299	4000	4/29/2019	5/28/2019
2	P230	29	1284A	73733	5870	12.566	Cone & Shear	Pass	19299	4000	4/29/2019	5/28/2019
1	P230	28	1286	71507	5690	12.566	Cone & Split	Pass	19299	4000	5/1/2019	5/29/2019
2	P230	28	1286A	72277	5750	12.566	Columnar	Pass	19299	4000	5/1/2019	5/29/2019

	Contract	Age	Cylinder	Load	PSI	Area	Fracture	Pass/Fail	Design #	Required	Date Made	Test Date
1	S060	28	7	67877	5400	12.566	Cone & Shear	Pass	19621	3000	5/1/2019	5/29/2019
2	S060	28	7A	69934	5570	12.566	Columnar	Pass	19621	3000	5/1/2019	5/29/2019
1	R293	29	118	72141	5740	12.566	Columnar	Pass	19065	3000	4/29/2019	5/28/2019
2	R293	29	118A	74346	5920	12.566	Cone	Pass	19065	3000	4/29/2019	5/28/2019
1	Q270	28	31	65325	5200	12.566	Cone & Split	Pass	19600	3000	5/1/2019	5/29/2019
2	Q270	28	31A	66653	5300	12.566	Cone & Shear	Pass	19600	3000	5/1/2019	5/29/2019
1	R247	28	119	60046	4750	12.654	Columnar	Pass	19065	3000	5/1/2019	5/29/2019
2	R247	28	119A	59607	4710	12.654	Cone & Shear	Pass	19065	3000	5/1/2019	5/29/2019
1	Q346	28	W34	44920	3570	12.566	Columnar	Pass	19329	3000	4/30/2019	5/28/2019
2	Q346	28	W34A	78942	6280	12.566	Cone	Pass	19329	3000	4/30/2019	5/28/2019
1	P079	28	391	130274	4610	28.274	Columnar	Pass	19071	3000	5/1/2019	5/29/2019
2	P079	28	391A	127193	4500	28.274	Cone	Pass	19071	3000	5/1/2019	5/29/2019
1	Q172	28	123	55126	4350	12.68	Cone & Shear	Pass	19067	3000	4/30/2019	5/28/2019
2	Q172	28	123A	62019	4890	12.68	Cone & Shear	Pass	19067	3000	4/30/2019	5/28/2019
1	DB1701	28	809A	61804	4920	12.566	Cone & Shear	Pass	19215	3000	5/2/2019	5/30/2019
2	DB1701	28	809B	62368	4960	12.566	Cone & Shear	Pass	19215	3000	5/2/2019	5/30/2019
1	DB1701	28	809AR	59472	4730	12.566	Cone & Shear	Pass	19215	3000	5/2/2019	5/30/2019
2	DB1701	28	809AR1	59652	4750	12.566	Cone & Shear	Pass	19215	3000	5/2/2019	5/30/2019
1	DB1701	28	808A	48845	3890	12.566	Cone	Pass	19230	3000	4/30/2019	5/28/2019
2	DB1701	28	808B	51176	4070	12.566	Columnar	Pass	19230	3000	4/30/2019	5/28/2019
1	R279	28	74D	62923	4980	12.642	Columnar	Pass	19286	3000	5/3/2019	5/31/2019
2	R279	28	74D	62587	4950	12.642	Cone & Shear	Pass	19286	3000	5/3/2019	5/31/2019
1	S032	28	29	61904	4930	12.566	Cone & Shear	Pass	19328	3000	5/1/2019	5/29/2019
2	S032	28	29A	65068	5180	12.566	Columnar	Pass	19328	3000	5/1/2019	5/29/2019
1	S032	28	30	61433	4890	12.566	Cone & Shear	Pass	19328	3000	5/2/2019	5/30/2019
2	S032	28	30A	62574	4980	12.566	Cone & Shear	Pass	19328	3000	5/2/2019	5/30/2019
1	S272	28	3ARK	202809	16010	12.667	Cone	Pass	19463	10000	5/2/2019	5/30/2019
2	S272	28	3ARK	232283	18340	12.667	Cone	Pass	19463	10000	5/2/2019	5/30/2019
1	S944	28	5	53729	4280	12.566	Cone & Shear	Pass	19135	3000	5/1/2019	5/29/2019
2	S944	28	5A	57307	4560	12.566	Cone & Split	Pass	19135	3000	5/1/2019	5/29/2019
1	S944	28	6A	51816	4120	12.566	Cone & Shear	Pass	19135	3000	5/2/2019	5/30/2019

	Contract	Age	Cylinder	Load	PSI	Area	Fracture	Pass/Fail	Design #	Required	Date Made	Test Date
2	S944	28	6A	50296	4000	12.566	Cone & Shear	Pass	19135	3000	5/2/2019	5/30/2019
1	S944	28	7	64854	5160	12.566	Cone & Shear	Pass	19135	3000	5/2/2019	5/30/2019
2	S944	28	7A	66292	5280	12.566	Cone & Shear	Pass	19135	3000	5/2/2019	5/30/2019
1	S944	28	8A	67049	5340	12.566	Columnar	Pass	19135	3000	5/3/2019	5/31/2019
2	S944	28	8A	63731	5070	12.566	Columnar	Pass	19135	3000	5/3/2019	5/31/2019
1	S088	28	14A	81261	6430	12.642	Cone	Pass	19323	3000	5/1/2019	5/29/2019
2	S088	28	14A	76216	6030	12.642	Cone & Shear	Pass	19323	3000	5/1/2019	5/29/2019
1	111041	28	25ARK	215984	17190	12.566	Cone	Fail	19463	8500	5/1/2019	5/29/2019
2	111041	28	25ARK	221646	17640	12.566	Cone	Pass	19463	8500	5/1/2019	5/29/2019
1	111041	28	24ARK	205989	16390	12.566	Cone	Pass	19463	8500	4/30/2019	5/28/2019
2	111041	28	24ARK	213733	17010	12.566	Cone	Pass	19463	8500	4/30/2019	5/28/2019
1	111041	28	26ARK	217549	17180	12.661	Cone	Pass	19463	8500	5/3/2019	5/31/2019
2	111041	28	26ARK	217019	17270	12.566	Cone	Pass	19463	8500	5/3/2019	5/31/2019
1	120315	28	80A	64070	5060	12.667	Cone	Pass	19206	3000	4/30/2019	5/28/2019
2	120315	28	80A	69099	5450	12.667	Shear	Pass	19206	3000	4/30/2019	5/28/2019
1	Q029	28	337A	75844	6040	12.566	Columnar	Pass	19158	3000	5/3/2019	5/31/2019
2	Q029	28	337A	69363	5520	12.566	Cone & Shear	Pass	19158	3000	5/3/2019	5/31/2019
1	R226	28	27A	67107	5300	12.667	Cone & Shear	Pass	19196	3000	5/1/2019	5/29/2019
2	R226	28	27A	70718	5580	12.667	Cone & Shear	Pass	19196	3000	5/1/2019	5/29/2019
1	M089	28	261A	70967	5650	12.566	Cone & Shear	Pass	19537	3000	5/1/2019	5/29/2019
2	M089	28	261A	76855	6120	12.566	Columnar	Pass	19537	3000	5/1/2019	5/29/2019
1	T132	28	3A	67840	5400	12.566	Columnar	Pass	19345	3000	4/30/2019	5/28/2019
2	T132	28	3A	58900	4690	12.566	Columnar	Pass	19345	3000	4/30/2019	5/28/2019
1	S258	28	5A	59069	4700	12.566	Cone	Pass	19206	3000	5/3/2019	5/31/2019
2	S258	28	5A	63025	5020	12.566	Cone	Pass	19206	3000	5/3/2019	5/31/2019
1	Q076	28	214A	84291	6710	12.566	Columnar	Pass	19345	3000	5/3/2019	5/31/2019
2	Q076	28	214A	88660	7060	12.566	Columnar	Pass	19345	3000	5/3/2019	5/31/2019
1	Q030	28	400	62498	4970	12.566	Cone	Pass	19304	3000	5/3/2019	5/31/2019
2	Q030	28	400A	57987	4610	12.566	Cone	Pass	19304	3000	5/3/2019	5/31/2019
1	Q030	28	399A	79591	6330	12.566	Cone	Pass	19196	3000	5/3/2019	5/31/2019
2	Q030	28	399A	78096	6210	12.566	Cone	Pass	19196	3000	5/3/2019	5/31/2019



	Contract	Age	Cylinder	Load	PSI	Area	Fracture	Pass/Fail	Design #	Required	Date Made	Test Date
1	Q030	28	398A	66897	5320	12.566	Cone & Split	Pass	19304	3000	5/2/2019	5/30/2019
2	Q030	28	398A	66129	5260	12.566	Cone & Shear	Pass	19304	3000	5/2/2019	5/30/2019
1	S003	28	18A	58695	4670	12.566	Cone & Shear	Pass	19292	3000	4/30/2019	5/28/2019
2	S003	28	18A	66160	5260	12.566	Cone & Shear	Pass	19292	3000	4/30/2019	5/28/2019
1	S362	29	4A	104973	8350	12.566	Columnar	Pass	19414	3000	4/27/2019	5/28/2019
2	S362	29	4A	102339	8140	12.566	Cone	Pass	19414	3000	4/27/2019	5/28/2019
1	Q030	28	397A	53786	4280	12.566	Cone & Shear	Pass	19198	3000	5/1/2019	5/29/2019
2	Q030	28	397A	50302	4000	12.566	Cone & Shear	Pass	19198	3000	5/1/2019	5/29/2019
1	P047	28	493Z	79188	6300	12.566	Cone & Shear	Pass	19589	4000	4/30/2019	5/28/2019
2	P047	28	493Z	79810	6350	12.566	Columnar	Pass	19589	4000	4/30/2019	5/28/2019
1	Q030	28	396A	78263	6230	12.566	Columnar	Pass	19304	3000	4/30/2019	5/28/2019
2	Q030	28	396A	81993	6520	12.566	Cone & Shear	Pass	19304	3000	4/30/2019	5/28/2019
1	Q297	29	295A	60311	4760	12.661	Cone & Shear	Pass	19194	4000	4/29/2019	5/28/2019
2	Q297	29	295A	55885	4410	12.661	Cone & Split	Pass	19194	4000	4/29/2019	5/28/2019
1	T132	28	4A	91819	7310	12.566	Cone & Shear	Pass	19345	3000	5/1/2019	5/29/2019
2	T132	28	4A	82248	6550	12.566	Columnar	Pass	19345	3000	5/1/2019	5/29/2019
1	R295	28	40	74598	5900	12.636	Columnar	Pass	19134	3000	5/3/2019	5/31/2019
2	R295	28	40A	75718	5990	12.636	Cone & Split	Pass	19134	3000	5/3/2019	5/31/2019
1	P047	28	500A	69255	5510	12.566	Cone	Pass	19292	3000	5/3/2019	5/31/2019
2	P047	28	500A	71933	5720	12.566	Cone & Shear	Pass	19292	3000	5/3/2019	5/31/2019
1	P047	28	498A	76142	6060	12.566	Columnar	Pass	19292	3000	4/30/2019	5/28/2019
2	P047	28	498A	63432	5050	12.566	Cone & Shear	Pass	19292	3000	4/30/2019	5/28/2019
1	P047	28	490A	83789	6670	12.566	Cone & Shear	Pass	19589	4000	4/30/2019	5/28/2019
2	P047	28	490A	79774	6350	12.566	Columnar	Pass	19589	4000	4/30/2019	5/28/2019
1	P047	28	491A	83455	6590	12.654	Columnar	Pass	19589	4000	4/30/2019	5/28/2019
2	P047	28	491A	83145	6570	12.654	Columnar	Pass	19589	4000	4/30/2019	5/28/2019
1	P047	28	492A	73639	5810	12.667	Cone & Shear	Pass	19589	4000	4/30/2019	5/28/2019
2	P047	28	492A	72810	5750	12.667	Columnar	Pass	19589	4000	4/30/2019	5/28/2019
1	P047	28	493A	80537	6410	12.566	Cone	Pass	19589	4000	4/30/2019	5/28/2019
2	P047	28	493A	77306	6150	12.566	Cone	Pass	19589	4000	4/30/2019	5/28/2019
1	P047	28	494A	72606	5780	12.566	Cone & Shear	Pass	19589	4000	4/30/2019	5/28/2019

	Contract	Age	Cylinder	Load	PSI	Area	Fracture	Pass/Fail	Design #	Required	Date Made	Test Date
2	P047	28	494A	71980	5730	12.566	Cone & Shear	Pass	19589	4000	4/30/2019	5/28/2019
1	P047	28	495A	74498	5890	12.642	Cone & Shear	Pass	19589	4000	4/30/2019	5/28/2019
2	P047	28	495A	73313	5800	12.642	Cone	Pass	19589	4000	4/30/2019	5/28/2019
1	P047	28	496A	70210	5590	12.566	Columnar	Pass	19589	4000	4/30/2019	5/28/2019
2	P047	28	496A	67344	5360	12.566	Columnar	Pass	19589	4000	4/30/2019	5/28/2019
1	P047	28	497A	79273	6310	12.566	Cone & Shear	Pass	19589	4000	4/30/2019	5/28/2019
2	P047	28	497A	86652	6900	12.566	Cone	Pass	19589	4000	4/30/2019	5/28/2019
1	S202	28	23	67320	5360	12.566	Cone	Pass	19565	3000	5/3/2019	5/31/2019
2	S202	28	23A	69557	5540	12.566	Cone	Pass	19565	3000	5/3/2019	5/31/2019
1	Q213	28	37	97171	7730	12.566	Cone	Pass	19078	3000	4/30/2019	5/28/2019
2	Q213	28	37A	98110	7810	12.566	Cone	Pass	19078	3000	4/30/2019	5/28/2019
1	Q213	28	38	76074	6050	12.566	Cone & Shear	Pass	19078	3000	5/1/2019	5/29/2019
2	Q213	28	38A	77067	6130	12.566	Cone & Shear	Pass	19078	3000	5/1/2019	5/29/2019
1	Q213	28	39	72890	5800	12.566	Cone & Shear	Pass	19078	3000	5/2/2019	5/30/2019
2	Q213	28	39A	75917	6040	12.566	Columnar	Pass	19078	3000	5/2/2019	5/30/2019
1	Q346	28	W35	80111	6370	12.566	Columnar	Pass	19329	3000	5/1/2019	5/29/2019
2	Q346	28	W35A	78049	6210	12.566	Cone & Shear	Pass	19329	3000	5/1/2019	5/29/2019
1	Q346	28	W37	85184	6780	12.566	Columnar	Pass	19329	3000	5/3/2019	5/31/2019
2	Q346	28	W37A	81361	6470	12.566	Cone	Pass	19329	3000	5/3/2019	5/31/2019
1	Q346	28	R52	77806	6190	12.566	Cone & Shear	Pass	19331	3000	5/1/2019	5/29/2019
2	Q346	28	R52A	78754	6270	12.566	Columnar	Pass	19331	3000	5/1/2019	5/29/2019
1	R273	28	109	60036	4780	12.566	Columnar	Pass	19087	3000	5/3/2019	5/31/2019
2	R273	28	109A	59423	4730	12.566	Cone & Split	Pass	19087	3000	5/3/2019	5/31/2019
1	R272	28	MP104	75430	6000	12.566	Columnar	Pass	19271	4000	4/30/2019	5/28/2019
2	R272	28	MP104A	81319	6470	12.566	Cone	Pass	19271	4000	4/30/2019	5/28/2019
1	R272	28	MP105	56773	4520	12.566	Cone & Split	Pass	19271	4000	5/1/2019	5/29/2019
2	R272	28	MP105A	57726	4590	12.566	Cone & Shear	Pass	19271	4000	5/1/2019	5/29/2019
1	R272	28	MP106	89710	7090	12.661	Columnar	Pass	19271	4000	5/2/2019	5/30/2019
2	R272	28	MP106A	91817	7250	12.661	Cone	Pass	19271	4000	5/2/2019	5/30/2019
1	R272	28	MP107	71495	5690	12.566	Cone	Pass	19270	3000	5/2/2019	5/30/2019
2	R272	28	MP107A	75154	5980	12.566	Columnar	Pass	19270	3000	5/2/2019	5/30/2019

	Contract	Age	Cylinder	Load	PSI	Area	Fracture	Pass/Fail	Design #	Required	Date Made	Test Date
1	R272	28	WMC155	82031	6500	12.629	Cone & Shear	Pass	19163	3000	5/1/2019	5/29/2019
2	R272	28	WMC155A	82972	6570	12.629	Cone & Shear	Pass	19163	3000	5/1/2019	5/29/2019
1	R272	28	WMC157	80853	6430	12.566	Cone	Pass	19163	3000	5/3/2019	5/31/2019
2	R272	28	WMC157A	78278	6230	12.566	Columnar	Pass	19163	3000	5/3/2019	5/31/2019
1	R272	28	WMC157D	93779	7460	12.566	Cone & Shear	Pass	19163	3000	5/3/2019	5/31/2019
2	R272	28	WMC157E	96600	7620	12.673	Cone & Shear	Pass	19163	3000	5/3/2019	5/31/2019
1	Q031	28	400	65182	5190	12.566	Columnar	Pass	19547	3000	4/30/2019	5/28/2019
2	Q031	28	400A	67420	5370	12.566	Columnar	Pass	19547	3000	4/30/2019	5/28/2019
1	Q031	28	401	92873	7390	12.566	Columnar	Pass	19547	3000	5/3/2019	5/31/2019
2	Q031	28	401A	91044	7250	12.566	Cone	Pass	19547	3000	5/3/2019	5/31/2019
1	DB1601	28	42	87909	7000	12.566	Columnar	Pass	19117	3000	5/1/2019	5/29/2019
2	DB1601	28	42A	85620	6810	12.566	Cone	Pass	19117	3000	5/1/2019	5/29/2019
1	DB1601	28	43	62360	4960	12.566	Cone & Shear	Pass	19117	3000	5/1/2019	5/29/2019
2	DB1601	28	43A	60593	4820	12.566	Cone & Shear	Pass	19117	3000	5/1/2019	5/29/2019
1	DB1601	28	44	86605	6890	12.566	Cone & Shear	Pass	19057	3000	5/2/2019	5/30/2019
2	DB1601	28	44A	87786	6990	12.566	Cone	Pass	19057	3000	5/2/2019	5/30/2019
1	P230	28	1288	111868	3960	28.274	Cone & Shear	Pass	19281	3000	5/1/2019	5/29/2019
2	P230	28	1288A	115453	4080	28.274	Cone & Shear	Pass	19281	3000	5/1/2019	5/29/2019
1	P230	28	1289	132106	4670	28.274	Cone & Shear	Pass	19281	3000	5/2/2019	5/30/2019
2	P230	28	1289A	128512	4550	28.274	Cone & Shear	Pass	19281	3000	5/2/2019	5/30/2019
1	P230	28	1290	70758	5580	12.673	Cone & Shear	Pass	19299	4000	5/2/2019	5/30/2019
2	P230	28	1290A	74545	5880	12.673	Columnar	Pass	19299	4000	5/2/2019	5/30/2019
1	P230	28	1291	44092	3510	12.566	Cone & Shear	Pass	19118	3000	5/2/2019	5/30/2019
2	P230	28	1291A	42486	3380	12.566	Cone	Pass	19118	3000	5/2/2019	5/30/2019
1	119903	28	15	51098	4070	12.566	Cone & Shear	Pass	19289	3000	4/30/2019	5/28/2019
2	119903	28	15A	52632	4190	12.566	Cone & Shear	Pass	19289	3000	4/30/2019	5/28/2019
1	119903	28	16	59596	4740	12.566	Columnar	Pass	19289	3000	5/2/2019	5/30/2019
2	119903	28	16A	62065	4940	12.566	Columnar	Pass	19289	3000	5/2/2019	5/30/2019
1	Q172	28	125	54231	4320	28.274	Columnar	Pass	19087	3000	5/2/2019	5/30/2019
2	Q172	28	125A	50892	4020	12.654	Cone	Pass	19087	3000	5/2/2019	5/30/2019
1	S317	28	17	64260	5110	12.566	Columnar	Pass	19070	3000	4/30/2019	5/28/2019

	Contract	Age	Cylinder	Load	PSI	Area	Fracture	Pass/Fail	Design #	Required	Date Made	Test Date
2	S317	28	17A	63856	5080	12.566	Columnar	Pass	19070	3000	4/30/2019	5/28/2019
1	S337	28	1	131920	10410	12.667	Cone & Shear	Pass	G MIX (321	3000	4/30/2019	5/28/2019
2	S337	28	1A	121834	9620	12.667	Columnar	Pass	G MIX (321	3000	4/30/2019	5/28/2019
1	S337	28	2	127929	10180	12.566	Columnar	Pass	G MIX (321	3000	5/2/2019	5/30/2019
2	S337	28	2A	123185	9800	12.566	Columnar	Pass	G MIX (321	3000	5/2/2019	5/30/2019
1	120086	28	3A	59897	4770	12.566	Cone & Shear	Pass	620254	4000	5/2/2019	5/30/2019
2	120086	28	3A	68548	5450	12.566	Columnar	Pass	620254	4000	5/2/2019	5/30/2019
1	S234	28	19A	64046	5100	12.566	Cone & Shear	Pass	19297	3000	4/30/2019	5/28/2019
2	S234	28	19A	65145	5180	12.566	Columnar	Pass	19297	3000	4/30/2019	5/28/2019
1	Q213	14	41C	69540	2460	28.274	Cone & Split	Fail	19614	3000	5/14/2019	5/28/2019
1	Q213	14	42C	105910	3750	28.274	Cone & Split	Pass	19614	3000	5/14/2019	5/28/2019
1	R220	14	40B	60469	4810	12.566	Columnar	Pass	19310	3000	5/16/2019	5/30/2019
1	R220	14	41B	62004	4930	12.566	Columnar	Pass	19310	3000	5/16/2019	5/30/2019
1	S317	28	18	58811	4680	12.566	Columnar	Pass	19070	3000	5/1/2019	5/29/2019
2	S317	28	18A	60453	4810	12.566	Cone	Pass	19070	3000	5/1/2019	5/29/2019
1	S244	14	21B	38076	3030	12.566	Columnar	Fail	19624	4000	5/16/2019	5/30/2019
2	S244	14	21C	57876	4610	12.566	Columnar	Pass	19624	4000	5/16/2019	5/30/2019
1	R279	10	76B	54443	4330	12.566	Cone & Shear	Pass	19286	3000	5/18/2019	5/28/2019
2	R279	10	76B	56203	4470	12.566	Cone & Split	Pass	19286	3000	5/18/2019	5/28/2019
1	R024	10	37C	108265	8620	12.566	Cone	Pass	19656	3000	5/18/2019	5/28/2019
1	R277	28	43	60259	4770	12.636	Cone & Shear	Pass	19549	3000	5/2/2019	5/30/2019
2	R277	28	43A	57324	4540	12.636	Cone & Shear	Pass	19549	3000	5/2/2019	5/30/2019
1	S285	28	21	74604	5940	12.566	Cone	Pass	19272	3000	4/30/2019	5/28/2019
2	S285	28	21A	71125	5660	12.566	Columnar	Pass	19272	3000	4/30/2019	5/28/2019
1	R016	28	2B	78197	6170	12.673	Cone	Pass	19636	4000	4/30/2019	5/28/2019
2	R016	28	2C	77416	6110	12.673	Cone	Pass	19636	4000	4/30/2019	5/28/2019
1	S314	28	1	68041	5410	12.566	Columnar	Pass	19610	3000	5/3/2019	5/31/2019
2	S314	28	1A	66991	5330	12.566	Columnar	Pass	19610	3000	5/3/2019	5/31/2019
1	R252	28	88	75751	6030	12.566	Cone	Pass	19376	3000	4/30/2019	5/28/2019
2	R252	28	88A	82467	6560	12.566	Cone & Shear	Pass	19376	3000	4/30/2019	5/28/2019
1	R252	28	89	85309	6790	12.566	Cone & Shear	Pass	19376	3000	5/2/2019	5/30/2019

2	R252	28	89A	82774	6590	12.566	Cone	Pass	19376	3000	5/2/2019	5/30/2019
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