

Contract	Age	Cylinder	LBF	PSI	Dia	Fracture	P/F	Design #	Required	Made	Tested
S327	30	1	98071	7760	12.636	Columnar	Pass	BAG MIX	3000	5/18/2019	6/17/2019
S327	30	1A	105860	8380	12.636	Columnar	Pass	BAG MIX	3000	5/18/2019	6/17/2019
R220	30	43	69034	5490	12.566	Columnar	Pass	19310	3000	5/18/2019	6/17/2019
R220	30	43A	77229	6150	12.566	Columnar	Pass	19310	3000	5/18/2019	6/17/2019
S272	28	8ARK	200320	15940	12.566	Cone	Pass	19463	10000	5/20/2019	6/17/2019
S272	28	8ARK	219271	17450	12.566	Cone	Pass	19463	10000	5/20/2019	6/17/2019
Q030	28	407A	56695	4510	12.566	Columnar	Pass	19194	4000	5/20/2019	6/17/2019
Q030	28	407A	55517	4420	12.566	Cone	Pass	19194	4000	5/20/2019	6/17/2019
Q297	28	305A	49883	3970	12.566	Cone	Pass	19194	3000	5/20/2019	6/17/2019
Q297	28	305A	54154	4310	12.566	Columnar	Pass	19194	3000	5/20/2019	6/17/2019
S370	28	7A	68930	5490	12.566	Cone	Pass	19294	3000	5/20/2019	6/17/2019
S370	28	7A	68293	5430	12.566	Cone	Pass	19294	3000	5/20/2019	6/17/2019
120315	28	86A	59606	4740	12.566	Cone & Shear	Pass	19162	3000	5/20/2019	6/17/2019
120315	28	86A	61818	4920	12.566	Cone	Pass	19162	3000	5/20/2019	6/17/2019
T132	30	12A	63511	5020	12.642	Columnar	Pass	19345	3000	5/18/2019	6/17/2019
T132	30	12A	61841	4890	12.642	Columnar	Pass	19345	3000	5/18/2019	6/17/2019
S944	28	11A	69325	5520	12.566	Cone	Pass	19135	3000	5/20/2019	6/17/2019
S944	28	11A	73551	5850	12.566	Columnar	Pass	19135	3000	5/20/2019	6/17/2019
R279	30	76A	66869	5320	12.566	Columnar	Pass	19286	3000	5/18/2019	6/17/2019
R279	30	76A	71016	5650	12.566	Cone	Pass	19286	3000	5/18/2019	6/17/2019
R279	30	76D	71556	5690	12.566	Cone	Pass	19286	3000	5/18/2019	6/17/2019
R279	30	76D	68946	5490	12.566	Columnar	Pass	19286	3000	5/18/2019	6/17/2019
DB1701	30	311A	65125	5180	12.566	Cone	Pass	19215	3000	5/18/2019	6/17/2019
DB1701	30	311B	63045	5020	12.566	Cone & Shear	Pass	19215	3000	5/18/2019	6/17/2019
DB1701	30	407A	100456	7990	12.566	Cone & Shear	Pass	19498	4500	5/18/2019	6/17/2019
DB1701	30	407B	101958	8110	12.566	Columnar	Pass	19498	4500	5/18/2019	6/17/2019
DB1701	30	407C	89537	7070	12.667	Cone	Pass	19498	4500	5/18/2019	6/17/2019
DB1701	30	407D	91489	7220	12.667	Columnar	Pass	19498	4500	5/18/2019	6/17/2019
R024	30	37A	122884	9780	12.566	Cone	Pass	19656	3000	5/18/2019	6/17/2019
R024	30	37A	115311	9180	12.566	Cone & Shear	Pass	19656	3000	5/18/2019	6/17/2019
DB1701	28	312A	66149	5220	12.673	Cone	Pass	19225	4000	5/20/2019	6/17/2019

DB1701	28	312B	65154	5140	12.673	Cone & Shear	Pass	19225	4000	5/20/2019	6/17/2019
S202	28	28	57281	4560	12.566	Columnar	Pass	19251	3000	5/20/2019	6/17/2019
S202	28	28A	57914	4610	12.566	Cone	Pass	19251	3000	5/20/2019	6/17/2019
P230	28	1333	30841	< 2450	12.566	Cone	Fail	19299	4000	5/20/2019	6/17/2019
P230	28	1333A	38978	< 3100	12.566	Cone & Shear	Fail	19299	4000	5/20/2019	6/17/2019
DZA	30	36M	97308	7740	12.566	Cone	Pass	19026	6000	5/18/2019	6/17/2019
DZA	30	36M	103268	8220	12.566	Columnar	Pass	19026	6000	5/18/2019	6/17/2019
DZA	30	36L	113821	9060	12.566	Cone	Pass	19026	6000	5/18/2019	6/17/2019
DZA	30	36L	115507	9190	12.566	Cone	Pass	19026	6000	5/18/2019	6/17/2019
R272	28	WMC169	83803	6620	12.654	Cone	Pass	19163	3000	5/20/2019	6/17/2019
R272	28	WMC169A	85282	6740	12.654	Cone	Pass	19163	3000	5/20/2019	6/17/2019
R272	28	D115	61742	4910	12.566	Columnar	Pass	19271	4000	5/20/2019	6/17/2019
R272	28	D115A	60391	4810	12.566	Columnar	Pass	19271	4000	5/20/2019	6/17/2019
S367	28	F2	70881	5640	12.566	Cone & Shear	Pass	19270	3000	5/20/2019	6/17/2019
S367	28	F2A	71276	5670	12.566	Cone & Shear	Pass	19270	3000	5/20/2019	6/17/2019
111041	28	B1-4	58567	4660	12.566	Columnar	Pass	19087	3000	5/20/2019	6/17/2019
111041	28	B1-4A	60092	4780	12.566	Cone	Pass	19087	3000	5/20/2019	6/17/2019
Q213	28	44	106409	3760	28.274	Cone & Shear	Pass	19614	3000	5/20/2019	6/17/2019
Q213	28	44A	94695	3350	28.274	Cone & Split	Pass	19614	3000	5/20/2019	6/17/2019
S305	28	12	89834	7150	12.566	Columnar	Pass	19032	3000	5/20/2019	6/17/2019
S305	28	12A	91517	7280	12.566	Cone & Shear	Pass	19032	3000	5/20/2019	6/17/2019
S244	28	3	55223	4370	12.636	Columnar	Pass	19230	3000	5/20/2019	6/17/2019
S244	28	3A	57044	4540	12.566	Columnar	Pass	19230	3000	5/20/2019	6/17/2019
R220	28	44	82521	6570	12.566	Cone	Pass	19310	3000	5/20/2019	6/17/2019
R220	28	44A	87160	6940	12.566	Cone	Pass	19310	3000	5/20/2019	6/17/2019
R220	28	45	89234	7040	12.667	Columnar	Pass	19310	3000	5/20/2019	6/17/2019
R220	28	45A	65140	5140	12.667	Columnar	Pass	19310	3000	5/20/2019	6/17/2019
P230	28	1330	60049	4780	12.566	Columnar	Pass	19299	4000	5/20/2019	6/17/2019
P230	28	1330A	57074	4540	12.566	Cone & Shear	Pass	19299	4000	5/20/2019	6/17/2019
P230	28	1331	54265	4320	12.566	Columnar	Pass	19299	4000	5/20/2019	6/17/2019
P230	28	1331A	57714	4590	12.566	Columnar	Pass	19299	4000	5/20/2019	6/17/2019
S334	28	4	46592	3710	12.566	Cone & Shear	Pass	19291	3000	5/20/2019	6/17/2019

S334	28	4A	50585	4030	12.566	Cone & Shear	Pass	19291	3000	5/20/2019	6/17/2019
120086	28	6A	43501	3460	12.566	Columnar	Pass	19495	3000	5/20/2019	6/17/2019
120086	28	6A	44246	3520	12.566	Cone & Split	Pass	19495	3000	5/20/2019	6/17/2019
T131	28	14A	73992	5890	12.566	Cone & Shear	Pass	19345	3000	5/20/2019	6/17/2019
T131	28	14A	84369	6710	12.566	Cone & Shear	Pass	19345	3000	5/20/2019	6/17/2019
T036	28	2A	57160	4550	12.566	Cone	Pass	19602	3500	5/20/2019	6/17/2019
T036	28	2A	60191	4790	12.566	Cone	Pass	19602	3500	5/20/2019	6/17/2019
R295	28	50A	57992	4610	12.566	Columnar	Pass	19134	3000	5/20/2019	6/17/2019
R295	28	50A	57003	4540	12.566	Cone	Pass	19134	3000	5/20/2019	6/17/2019
Q213	28	45	90727	7160	12.667	Columnar	Pass	19081	3000	5/20/2019	6/17/2019
Q213	28	45A	91150	7200	12.667	Cone & Split	Pass	19081	3000	5/20/2019	6/17/2019
P079	28	397	65033	5180	12.566	Columnar	Pass	19070	3000	5/20/2019	6/17/2019
P079	28	397A	68693	5470	12.566	Cone	Pass	19070	3000	5/20/2019	6/17/2019
Q076	28	361A	81111	6450	12.566	Columnar	Pass	19144	3000	5/20/2019	6/17/2019
Q076	28	361A	78558	6250	12.566	Columnar	Pass	19144	3000	5/20/2019	6/17/2019
Q076	28	362A	80367	6400	12.566	Cone	Pass	19144	3000	5/20/2019	6/17/2019
Q076	28	362A	78315	6230	12.566	Cone	Pass	19144	3000	5/20/2019	6/17/2019
Q031	28	406	83123	6570	12.648	Columnar	Pass	19547	3000	5/20/2019	6/17/2019
Q031	28	406A	82686	6540	12.648	Cone	Pass	19547	3000	5/20/2019	6/17/2019
S323	28	7A	53634	4270	12.566	Columnar	Pass	19187	3000	5/20/2019	6/17/2019
S323	28	7A	58165	4630	12.566	Cone	Pass	19187	3000	5/20/2019	6/17/2019
Q213	6	54C	46311	3690	12.566	Cone & Shear	Pass	19081	3000	6/11/2019	6/17/2019
S285	28	24	76318	6070	12.566	Cone & Shear	Pass	19272	3000	5/20/2019	6/17/2019
S285	28	24A	75712	6020	12.566	Cone & Shear	Pass	19272	3000	5/20/2019	6/17/2019
R024	3	40B	42530	3380	12.566	Columnar	Pass	18613	3000	6/14/2019	6/17/2019
S202	28	29AR	70772	5590	12.661	Cone	Pass	19251	3000	5/21/2019	6/18/2019
S202	28	29AR1	74214	5860	12.661	Cone	Pass	19251	3000	5/21/2019	6/18/2019
S202	28	29	70496	5610	12.566	Cone	Pass	19251	3000	5/21/2019	6/18/2019
S202	28	29A	69405	5520	12.566	Cone	Pass	19251	3000	5/21/2019	6/18/2019
R272	28	WMC170	84004	6680	12.566	Cone & Shear	Pass	19163	3000	5/21/2019	6/18/2019
R272	28	WMC170A	83797	6670	12.566	Cone	Pass	19163	3000	5/21/2019	6/18/2019
R272	28	V116	53476	4260	12.566	Cone & Shear	Pass	19270	3000	5/21/2019	6/18/2019

R272	28	V116A	56379	4490	12.566	Cone & Shear	Pass	19270	3000	5/21/2019	6/18/2019
S367	28	F3	41311	3290	12.566	Cone & Shear	Pass	19270	3000	5/21/2019	6/18/2019
S367	28	F3A	43576	3470	12.566	Cone	Pass	19270	3000	5/21/2019	6/18/2019
111041	28	B1-5	60213	4760	12.654	Cone	Pass	19087	3000	5/21/2019	6/18/2019
111041	28	B1-5A	60436	4780	12.654	Columnar	Pass	19087	3000	5/21/2019	6/18/2019
Q172	28	130	48787	3880	12.566	Columnar	Pass	19067	3000	5/21/2019	6/18/2019
Q172	28	130A	47694	3800	12.566	Cone	Pass	19067	3000	5/21/2019	6/18/2019
R136	28	W169	79909	6360	12.566	Cone	Pass	19494	3000	5/21/2019	6/18/2019
R136	28	W169A	72550	5770	12.566	Cone	Pass	19494	3000	5/21/2019	6/18/2019
S244	28	4	78227	6230	12.566	Cone	Pass	19230	3000	5/21/2019	6/18/2019
S244	28	4A	76770	6110	12.566	Cone & Shear	Pass	19230	3000	5/21/2019	6/18/2019
S262	28	15	71126	5660	12.566	Columnar	Pass	19219	4000	5/21/2019	6/18/2019
S262	28	15A	71826	5720	12.566	Cone & Shear	Pass	19219	4000	5/21/2019	6/18/2019
S262	28	16	78916	6280	12.566	Cone	Pass	19219	4000	5/21/2019	6/18/2019
S262	28	16A	76439	6080	12.566	Cone & Shear	Pass	19219	4000	5/21/2019	6/18/2019
S262	28	17	76446	6080	12.566	Cone	Pass	19219	4000	5/21/2019	6/18/2019
S262	28	17A	72530	5770	12.566	Cone	Pass	19219	4000	5/21/2019	6/18/2019
S340	28	3	53927	4290	12.566	Columnar	Pass	19062	3000	5/21/2019	6/18/2019
S340	28	3A	52878	4210	12.566	Columnar	Pass	19062	3000	5/21/2019	6/18/2019
P230	28	1339	60309	4800	12.566	Cone	Pass	19118	3000	5/21/2019	6/18/2019
P230	28	1339A	62399	4970	12.566	Cone	Pass	19118	3000	5/21/2019	6/18/2019
P230	28	1336	64565	5100	12.661	Columnar	Pass	19299	4000	5/21/2019	6/18/2019
P230	28	1336A	61726	4910	12.566	Cone & Shear	Pass	19299	4000	5/21/2019	6/18/2019
P230	28	1335	64770	5150	12.566	Columnar	Pass	19299	4000	5/21/2019	6/18/2019
P230	28	1335A	71496	5690	12.566	Cone	Pass	19299	4000	5/21/2019	6/18/2019
119903	28	24	54953	4370	12.566	Cone	Pass	19289	3000	5/21/2019	6/18/2019
119903	28	24A	51136	4070	12.566	Cone & Shear	Pass	19289	3000	5/21/2019	6/18/2019
S334	28	5	53637	4270	12.566	Cone & Shear	Pass	19291	3000	5/21/2019	6/18/2019
S334	28	5A	54907	4370	12.566	Columnar	Pass	19291	3000	5/21/2019	6/18/2019
R295	28	51A	68005	5410	12.566	Cone & Shear	Pass	19134	3000	5/21/2019	6/18/2019
R295	28	51A	63490	5050	12.566	Cone & Shear	Pass	19134	3000	5/21/2019	6/18/2019

Q029	28	347A	73019	5780	12.629	Cone	Pass	19156	4000	5/21/2019	6/18/2019
Q029	28	347A	69666	5540	12.566	Columnar	Pass	19156	4000	5/21/2019	6/18/2019
P287	28	172A	64178	5110	12.566	Columnar	Pass	19152	4000	5/21/2019	6/18/2019
P287	28	172A	65691	5230	12.566	Cone	Pass	19152	4000	5/21/2019	6/18/2019
120315	28	87A	56373	4490	12.566	Cone & Shear	Pass	19206	3000	5/21/2019	6/18/2019
120315	28	87A	55138	4390	12.566	Cone	Pass	19206	3000	5/21/2019	6/18/2019
T118	28	2A	44946	3580	12.566	Cone & Split	Pass	19172	3000	5/21/2019	6/18/2019
T118	28	2A	49046	3900	12.566	Cone & Split	Pass	19172	3000	5/21/2019	6/18/2019
Q213	28	46	113111	4000	28.274	Cone & Shear	Pass	19614	3000	5/21/2019	6/18/2019
Q213	28	46A	111686	3950	28.274	Cone & Shear	Pass	19614	3000	5/21/2019	6/18/2019
DB1701	28	612A	57640	4590	12.566	Columnar	Pass	19215	3000	5/21/2019	6/18/2019
DB1701	28	612B	58935	4690	12.566	Columnar	Pass	19215	3000	5/21/2019	6/18/2019
DB1701	28	408A	92189	7280	12.667	Columnar	Pass	T-1/11 LO ALK	4000	5/21/2019	6/18/2019
DB1701	28	408B	100569	8000	12.566	Cone & Shear	Pass	T-1/11 LO ALK	4000	5/21/2019	6/18/2019
DB1701	28	313A	57941	4610	12.566	Columnar	Pass	19225	4000	5/21/2019	6/18/2019
DB1701	28	313B	61809	4920	12.566	Cone & Shear	Pass	19225	4000	5/21/2019	6/18/2019
P230	28	1337	55502	4420	12.566	Columnar	Pass	19118	3000	5/21/2019	6/18/2019
P230	28	1337A	55663	4430	12.566	Columnar	Pass	19118	3000	5/21/2019	6/18/2019
P230	28	1334	124070	4390	28.274	Cone & Shear	Pass	19281	3000	5/21/2019	6/18/2019
P230	28	1334A	133446	4720	28.274	Columnar	Pass	19281	3000	5/21/2019	6/18/2019
T137	28	1A	149477	11900	12.566	Cone	Pass	?	3000	5/21/2019	6/18/2019
T137	28	1A	139134	11070	12.566	Cone & Split	Pass	?	3000	5/21/2019	6/18/2019
S200	28	7A	52111	4150	12.566	Cone	Pass	19102	3000	5/21/2019	6/18/2019
S200	28	7A	52770	4200	12.566	Columnar	Pass	19102	3000	5/21/2019	6/18/2019
P047	28	509A	68258	5430	12.566	Cone & Shear	Pass	19381	3000	5/21/2019	6/18/2019
P047	28	509A	66405	5280	12.566	Cone & Shear	Pass	19381	3000	5/21/2019	6/18/2019
Q076	28	364A	83518	6650	12.566	Cone & Shear	Pass	19144	3000	5/21/2019	6/18/2019
Q076	28	364A	97922	7790	12.566	Cone & Shear	Pass	19144	3000	5/21/2019	6/18/2019
Q076	28	363A	79475	6290	12.642	Columnar	Pass	19144	3000	5/21/2019	6/18/2019
Q076	28	363A	80792	6430	12.566	Cone & Shear	Pass	19144	3000	5/21/2019	6/18/2019
Q031	28	407	76412	6080	12.566	Cone	Pass	19547	3000	5/21/2019	6/18/2019
Q031	28	407A	70729	5630	12.566	Columnar	Pass	19547	3000	5/21/2019	6/18/2019

CMGC02	28	K119	63915	5090	12.566	Cone	Pass	19525	3000	5/21/2019	6/18/2019
CMGC02	28	K119A	64266	5110	12.566	Cone	Pass	19525	3000	5/21/2019	6/18/2019
S244	14	40B	57682	4590	12.566	Columnar	Pass	19624	4000	6/4/2019	6/18/2019
S905	28	13	52864	4210	12.566	Cone & Shear	Pass	19064	3000	5/21/2019	6/18/2019
S905	28	13A	54601	4350	12.566	Columnar	Pass	19064	3000	5/21/2019	6/18/2019
R280	7	43B	45003	3580	12.566	Cone & Shear	Pass	?	3000	6/11/2019	6/18/2019
R280	7	43C	46413	3690	12.566	Cone & Shear	Pass	?	3000	6/11/2019	6/18/2019
T063	28	2	50905	4030	12.636	Cone	Pass	19591	3000	5/21/2019	6/18/2019
T063	28	2A	52596	4160	12.636	Cone & Shear	Pass	19591	3000	5/21/2019	6/18/2019
P230	29	1332	43828	3460	12.667	Cone & Shear	Pass	19118	3000	5/20/2019	6/18/2019
P230	29	1332A	45231	3570	12.667	Cone & Shear	Pass	19118	3000	5/20/2019	6/18/2019
P230	28	1338	50958	4060	12.566	Cone & Shear	Pass	19118	3000	5/21/2019	6/18/2019
P230	28	1338A	53393	4250	12.566	Cone & Shear	Pass	19118	3000	5/21/2019	6/18/2019
S338	28	14	62014	4930	12.566	Cone & Shear	Pass	19582	3000	5/22/2019	6/19/2019
S338	28	14A	64646	5140	12.566	Cone & Shear	Pass	19582	3000	5/22/2019	6/19/2019
111041	28	B1-6	63312	5040	12.566	Cone & Shear	Pass	19087	3000	5/22/2019	6/19/2019
111041	28	B1-6A	60695	4830	12.566	Columnar	Pass	19087	3000	5/22/2019	6/19/2019
R220	28	46	82874	6590	12.566	Columnar	Pass	19310	3000	5/22/2019	6/19/2019
R220	28	46A	85178	6780	12.566	Cone	Pass	19310	3000	5/22/2019	6/19/2019
R220	28	47	72649	5780	12.566	Columnar	Pass	19310	3000	5/22/2019	6/19/2019
R220	28	47A	91580	7290	12.566	Columnar	Pass	19310	3000	5/22/2019	6/19/2019
119903	28	25	44606	3520	12.667	Columnar	Pass	19289	3000	5/22/2019	6/19/2019
119903	28	25A	43046	3430	12.566	Cone	Pass	19289	3000	5/22/2019	6/19/2019
S060	28	14	60286	4800	12.566	Columnar	Pass	19494	3000	5/22/2019	6/19/2019
S060	28	14A	63414	5050	12.566	Cone	Pass	19494	3000	5/22/2019	6/19/2019
R260	28	SW 159A	62880	5000	12.566	Columnar	Pass	19639	3000	5/22/2019	6/19/2019
R260	28	SW 159B	59835	4760	12.566	Cone & Shear	Pass	19639	3000	5/22/2019	6/19/2019
T132	28	13A	62290	4960	12.566	Columnar	Pass	19345	3000	5/22/2019	6/19/2019
T132	28	13A	56091	4460	12.566	Columnar	Pass	19345	3000	5/22/2019	6/19/2019
S265	28	19A	62297	4960	12.566	Columnar	Pass	19187	3000	5/22/2019	6/19/2019
S265	28	19A	62600	4980	12.566	Columnar	Pass	19187	3000	5/22/2019	6/19/2019
120315	28	88A	62681	4990	12.566	Cone	Pass	19206	3000	5/22/2019	6/19/2019

120315	28	88A	62600	4980	12.566	Columnar	Pass	19206	3000	5/22/2019	6/19/2019
S272	28	9ARK	207392	16500	12.566	Cone	Pass	19463	10000	5/22/2019	6/19/2019
S272	28	9ARK	195373	15550	12.566	Cone	Pass	19463	10000	5/22/2019	6/19/2019
S259	28	17A	56964	4530	12.566	Cone	Pass	19162	3000	5/22/2019	6/19/2019
S259	28	17A	57793	4600	12.566	Columnar	Pass	19162	3000	5/22/2019	6/19/2019
Q030	28	408A	71265	5620	12.673	Cone	Pass	19196	3000	5/22/2019	6/19/2019
Q030	28	408A	74902	5960	12.566	Cone	Pass	19196	3000	5/22/2019	6/19/2019
DB1701	28	314A	60355	4760	12.68	Columnar	Pass	19225	4000	5/22/2019	6/19/2019
DB1701	28	314B	56031	4460	12.566	Cone & Shear	Pass	19225	4000	5/22/2019	6/19/2019
P230	28	1340	68684	5470	12.566	Cone	Pass	19118	3000	5/22/2019	6/19/2019
P230	28	1340A	61699	4910	12.566	Cone & Shear	Pass	19118	3000	5/22/2019	6/19/2019
Q076	28	365A	60913	4850	12.566	Cone & Shear	Pass	19144	3000	5/22/2019	6/19/2019
Q076	28	365A	67929	5410	12.566	Cone & Shear	Pass	19144	3000	5/22/2019	6/19/2019
P047	28	510A	71058	5650	12.566	Cone	Pass	19292	3000	5/22/2019	6/19/2019
P047	28	510A	68980	5490	12.566	Cone & Shear	Pass	19292	3000	5/22/2019	6/19/2019
Q076	28	366A	73735	5870	12.566	Columnar	Pass	19144	3000	5/22/2019	6/19/2019
Q076	28	366A	72676	5780	12.566	Cone & Shear	Pass	19144	3000	5/22/2019	6/19/2019
Q031	28	408	83139	6620	12.566	Cone & Shear	Pass	19553	3000	5/22/2019	6/19/2019
Q031	28	408A	84796	6750	12.566	Cone	Pass	19553	3000	5/22/2019	6/19/2019
R277	28	46	59290	4690	12.642	Cone & Shear	Pass	19549	3000	5/22/2019	6/19/2019
R277	28	46A	60842	4840	12.566	Cone & Shear	Pass	19549	3000	5/22/2019	6/19/2019
S316	28	3	77588	6170	12.566	Cone & Shear	Pass	19385	3000	5/22/2019	6/19/2019
S316	28	3A	74576	5930	12.566	Cone & Shear	Pass	19385	3000	5/22/2019	6/19/2019
Q172	28	131	40328	3210	12.566	Cone & Shear	Pass	19087	3000	5/22/2019	6/19/2019
Q172	28	131A	41130	3270	12.566	Cone & Shear	Pass	19087	3000	5/22/2019	6/19/2019
S285	28	25	63184	5000	12.629	Cone & Shear	Pass	19272	3000	5/22/2019	6/19/2019
S285	28	25A	63833	5050	12.629	Cone	Pass	19272	3000	5/22/2019	6/19/2019
S257	28	17	83456	6640	12.566	Cone	Pass	19376	3000	5/22/2019	6/19/2019
S257	28	17A	75027	5970	12.566	Columnar	Pass	19376	3000	5/22/2019	6/19/2019
S369	7	10B	37177	< 2960	12.566	Cone	Fail	19377	3000	6/12/2019	6/19/2019
R280	5	44B	45066	3590	12.566	Cone & Shear	Pass	19089	3000	6/14/2019	6/19/2019
R280	5	44C	46186	3680	12.566	Cone & Shear	Pass	19089	3000	6/14/2019	6/19/2019

R220	28	48	84099	6690	12.566	Cone & Shear	Pass	19310	3000	5/23/2019	6/20/2019
R220	28	48A	83940	6680	12.566	Columnar	Pass	19310	3000	5/23/2019	6/20/2019
P230	28	1345	58438	4650	12.566	Columnar	Pass	19118	3000	5/23/2019	6/20/2019
P230	28	1345A	59916	4770	12.566	Cone	Pass	19118	3000	5/23/2019	6/20/2019
P230	28	1344	71874	5720	12.566	Cone & Shear	Pass	19120	3000	5/23/2019	6/20/2019
P230	28	1344A	74229	5910	12.566	Cone & Shear	Pass	19120	3000	5/23/2019	6/20/2019
P230	28	1343	56634	4510	12.566	Columnar	Pass	19299	4000	5/23/2019	6/20/2019
P230	28	1343A	58694	4670	12.566	Cone & Shear	Pass	19299	4000	5/23/2019	6/20/2019
P230	28	1341	59877	4760	12.566	Columnar	Pass	19299	4000	5/23/2019	6/20/2019
P230	28	1341A	61659	4910	12.566	Columnar	Pass	19299	4000	5/23/2019	6/20/2019
S254	30	25	86080	6800	12.667	Cone & Shear	Pass	19037	3000	5/21/2019	6/20/2019
S254	30	25A	92378	7290	12.667	Cone	Pass	19037	3000	5/21/2019	6/20/2019
Q921	28	907	77700	6180	12.566	Cone & Shear	Pass	19476	3000	5/23/2019	6/20/2019
Q921	28	907A	72297	5750	12.566	Cone & Shear	Pass	19476	3000	5/23/2019	6/20/2019
119903	28	26	62776	5000	12.566	Cone	Pass	19289	3000	5/23/2019	6/20/2019
119903	28	26A	61598	4900	12.566	Cone	Pass	19289	3000	5/23/2019	6/20/2019
S060	28	15	112707	8970	12.566	Columnar	Pass	19529	4500	5/23/2019	6/20/2019
S060	28	15A	113704	9050	12.566	Columnar	Pass	19529	4500	5/23/2019	6/20/2019
S369	28	7	44004	3500	12.566	Cone	Pass	19377	3000	5/23/2019	6/20/2019
S369	28	7A	45722	3640	12.566	Cone & Shear	Pass	19377	3000	5/23/2019	6/20/2019
R295	28	52A	75022	5970	12.566	Cone	Pass	19134	3000	5/23/2019	6/20/2019
R295	28	52A	79206	6300	12.566	Cone	Pass	19134	3000	5/23/2019	6/20/2019
S265	28	20	81290	6470	12.566	Columnar	Pass	19187	3000	5/23/2019	6/20/2019
S265	28	20A	73838	5880	12.566	Columnar	Pass	19187	3000	5/23/2019	6/20/2019
Q030	28	409A	48074	< 3800	12.636	Cone & Shear	Fail	19194	4000	5/23/2019	6/20/2019
Q030	28	409A	44686	< 3560	12.566	Columnar	Fail	19194	4000	5/23/2019	6/20/2019
Q029	28	348	60628	4820	12.566	Cone & Shear	Pass	19162	3000	5/23/2019	6/20/2019
Q029	28	348A	62468	4970	12.566	Cone & Shear	Pass	19162	3000	5/23/2019	6/20/2019
P287	28	173A	81606	6490	12.566	Columnar	Pass	19152	4000	5/23/2019	6/20/2019
P287	28	173A	78926	6280	12.566	Cone	Pass	19152	4000	5/23/2019	6/20/2019
120086	28	7A	68905	5480	12.566	Cone & Shear	Pass	620254	4000	5/23/2019	6/20/2019
120086	28	7A	71275	5670	12.566	Cone	Pass	620254	4000	5/23/2019	6/20/2019

111041	28	B1-7	64413	5080	12.673	Columnar	Pass	19087	3000	5/23/2019	6/20/2019
111041	28	B1-7	57971	4610	12.566	Cone & Shear	Pass	19087	3000	5/23/2019	6/20/2019
120315	28	89A	65575	5220	12.566	Columnar	Pass	19206	3000	5/23/2019	6/20/2019
120315	28	89A	65834	5240	12.566	Cone	Pass	19206	3000	5/23/2019	6/20/2019
T131	28	15A	61096	4860	12.566	Cone & Shear	Pass	19345	3000	5/23/2019	6/20/2019
T131	28	15A	71816	5710	12.566	Cone & Shear	Pass	19345	3000	5/23/2019	6/20/2019
T036	28	3	54634	4350	12.566	Columnar	Pass	19321	3000	5/23/2019	6/20/2019
T036	28	3A	53278	4210	12.667	Columnar	Pass	19321	3000	5/23/2019	6/20/2019
S338	28	15	65346	5170	12.636	Columnar	Pass	19582	3000	5/23/2019	6/20/2019
S338	28	15A	59621	4740	12.566	Columnar	Pass	19582	3000	5/23/2019	6/20/2019
S202	28	30	54405	4330	12.566	Cone & Shear	Pass	19251	3000	5/23/2019	6/20/2019
S202	28	30A	54870	4370	12.566	Cone	Pass	19251	3000	5/23/2019	6/20/2019
Q213	28	47	112557	3980	28.274	Cone & Shear	Pass	19614	3000	5/23/2019	6/20/2019
Q213	28	47A	116788	4130	28.274	Cone & Shear	Pass	19614	3000	5/23/2019	6/20/2019
Q213	28	48	68699	5470	12.566	Cone	Pass	19081	3000	5/23/2019	6/20/2019
Q213	28	48A	70882	5640	12.566	Cone	Pass	19081	3000	5/23/2019	6/20/2019
DB1701	28	316A	63165	5030	12.566	Cone & Shear	Pass	9441 TN	4000	5/23/2019	6/20/2019
DB1701	28	316B	62664	4990	12.566	Cone	Pass	9441 TN	4000	5/23/2019	6/20/2019
DB1701	28	814A	46499	3700	12.566	Columnar	Pass	19230	3000	5/23/2019	6/20/2019
DB1701	28	814B	45887	3650	12.566	Cone	Pass	19230	3000	5/23/2019	6/20/2019
DB1701	28	613A	63001	5010	12.566	Columnar	Pass	19230	3000	5/23/2019	6/20/2019
DB1701	28	613B	56158	4470	12.566	Cone & Shear	Pass	19230	3000	5/23/2019	6/20/2019
DB1701	28	315A	69258	5510	12.566	Columnar	Pass	19215	3000	5/23/2019	6/20/2019
DB1701	28	315B	75930	6040	12.566	Columnar	Pass	19215	3000	5/23/2019	6/20/2019
P230	28	1346	58732	4670	12.566	Cone & Shear	Pass	19130	4000	5/23/2019	6/20/2019
P230	28	1346A	59437	4730	12.566	Cone & Shear	Pass	19130	4000	5/23/2019	6/20/2019
P230	28	1342	149072	5270	28.274	Cone & Shear	Pass	19281	3000	5/23/2019	6/20/2019
P230	28	1342A	158636	5610	28.274	Cone	Pass	19281	3000	5/23/2019	6/20/2019
T132	28	14A	65901	5220	12.623	Cone & Split	Pass	19345	3000	5/23/2019	6/20/2019
T132	28	14A	71384	5660	12.623	Cone & Split	Pass	19345	3000	5/23/2019	6/20/2019
S200	28	8A	76744	6110	12.566	Cone	Pass	19101	3000	5/23/2019	6/20/2019
S200	28	8A	76926	6120	12.566	Cone & Shear	Pass	19101	3000	5/23/2019	6/20/2019

P047	28	511A	70779	5630	12.566	Columnar	Pass	19381	3000	5/23/2019	6/20/2019
P047	28	511A	72503	5770	12.566	Cone & Shear	Pass	19381	3000	5/23/2019	6/20/2019
Q076	28	216A	87051	6930	12.566	Cone & Shear	Pass	19345	3000	5/23/2019	6/20/2019
Q076	28	216A	94465	7520	12.566	Cone	Pass	19345	3000	5/23/2019	6/20/2019
Q031	28	409	85429	6800	12.566	Cone & Split	Pass	19547	3000	5/23/2019	6/20/2019
Q031	28	409A	83725	6660	12.566	Cone & Split	Pass	19547	3000	5/23/2019	6/20/2019
Q031	28	411	63217	5010	12.617	Cone	Pass	19547	3000	5/23/2019	6/20/2019
Q031	28	411A	64048	5100	12.566	Cone	Pass	19547	3000	5/23/2019	6/20/2019
R277	28	47	63658	5070	12.566	Cone & Shear	Pass	19549	3000	5/23/2019	6/20/2019
R277	28	47A	64362	5120	12.566	Cone & Shear	Pass	19549	3000	5/23/2019	6/20/2019
S367	28	F4	53101	4230	12.566	Columnar	Pass	19270	3000	5/23/2019	6/20/2019
S367	28	F4A	54897	4370	12.566	Cone & Shear	Pass	19270	3000	5/23/2019	6/20/2019
Q031	28	410	115743	4080	28.369	Cone & Shear	Pass	19554	3000	5/23/2019	6/20/2019
Q031	28	410A	115510	4070	28.369	Columnar	Pass	19554	3000	5/23/2019	6/20/2019
R272	28	WMC171D	90844	7230	12.566	Cone & Shear	Pass	19163	3000	5/23/2019	6/20/2019
R272	28	WMC171E	96033	7640	12.566	Cone & Shear	Pass	19163	3000	5/23/2019	6/20/2019
R272	28	WMC171	91033	7220	12.617	Cone	Pass	19163	3000	5/23/2019	6/20/2019
R272	28	WMC171A	92640	7370	12.566	Cone	Pass	19163	3000	5/23/2019	6/20/2019
Q172	28	132	54799	4360	12.566	Cone	Pass	19087	3000	5/23/2019	6/20/2019
Q172	28	132A	57497	4580	12.566	Cone	Pass	19087	3000	5/23/2019	6/20/2019
S127	14	99D	69598	5540	12.566	Columnar	Pass	19089	3000	6/6/2019	6/20/2019
S127	14	99E	65265	5190	12.566	Columnar	Pass	19089	3000	6/6/2019	6/20/2019
T068	28	2	88246	7020	12.566	Cone	Pass	???	3500	5/23/2019	6/20/2019
T068	28	2A	92542	7360	12.566	Cone	Pass	???	3500	5/23/2019	6/20/2019
T068	28	3	76649	6100	12.566	Cone	Pass	???	3500	5/23/2019	6/20/2019
T068	28	3A	80493	6410	12.566	Cone	Pass	???	3500	5/23/2019	6/20/2019
R024	7	39B	48857	3890	12.566	Columnar	Pass	18613	3000	6/13/2019	6/20/2019
Q172	7	134B	44315	3530	12.566	Cone	Pass	19087	3000	6/13/2019	6/20/2019
DB1701	28	614A	65986	5250	12.566	Cone & Shear	Pass	19412	4000	5/24/2019	6/21/2019
DB1701	28	614B	66816	5320	12.566	Columnar	Pass	19412	4000	5/24/2019	6/21/2019
R220	28	49	72305	5750	12.566	Cone & Shear	Pass	19310	3000	5/24/2019	6/21/2019

R220	28	49A	84254	6700	12.566	Cone	Pass	19310	3000	5/24/2019	6/21/2019
R220	28	50	75577	5970	12.654	Cone	Pass	19310	3000	5/24/2019	6/21/2019
R220	28	50A	61024	4820	12.654	Columnar	Pass	19310	3000	5/24/2019	6/21/2019
Q270	28	32	83440	6640	12.566	Cone	Pass	19600	3000	5/24/2019	6/21/2019
Q270	28	32A	85167	6780	12.566	Cone & Shear	Pass	19600	3000	5/24/2019	6/21/2019
S355	28	10	55172	4390	12.566	Cone & Shear	Pass	19403	3000	5/24/2019	6/21/2019
S355	28	10A	59949	4770	12.566	Cone & Shear	Pass	19403	3000	5/24/2019	6/21/2019
S272	28	10ARK	206061	16260	12.673	Cone	Pass	19463	10000	5/24/2019	6/21/2019
S272	28	10ARK	220612	17410	12.673	Cone	Pass	19463	10000	5/24/2019	6/21/2019
S088	28	18A	57534	4580	12.566	Cone	Pass	19363	3000	5/24/2019	6/21/2019
S088	28	18A	58144	4630	12.566	Cone	Pass	19363	3000	5/24/2019	6/21/2019
S338	28	16	65740	5230	12.566	Columnar	Pass	19582	3000	5/24/2019	6/21/2019
S338	28	16A	63059	5020	12.566	Cone & Split	Pass	19582	3000	5/24/2019	6/21/2019
S060	28	16	60138	4790	12.566	Columnar	Pass	19494	3000	5/24/2019	6/21/2019
S060	28	16A	56963	4530	12.566	Columnar	Pass	19494	3000	5/24/2019	6/21/2019
DB1701	28	317A	61676	4910	12.566	Cone	Pass	19225	4000	5/24/2019	6/21/2019
DB1701	28	317B	61910	4930	12.566	Cone & Shear	Pass	19225	4000	5/24/2019	6/21/2019
DB1701	28	815A	52459	4170	12.566	Cone & Shear	Pass	19230	3000	5/24/2019	6/21/2019
DB1701	28	815B	49477	3940	12.566	Cone	Pass	19230	3000	5/24/2019	6/21/2019
P230	28	1348	56391	4490	12.566	Cone	Pass	19118	3000	5/24/2019	6/21/2019
P230	28	1348A	56282	4480	12.566	Cone & Shear	Pass	19118	3000	5/24/2019	6/21/2019
P230	28	1347	72738	5790	12.566	Cone	Pass	19120	3000	5/24/2019	6/21/2019
P230	28	1347A	72221	5750	12.566	Cone & Shear	Pass	19120	3000	5/24/2019	6/21/2019
S009	28	2A	79220	6300	12.566	Columnar	Pass	19495	3000	5/24/2019	6/21/2019
S009	28	2A	73498	5850	12.566	Cone & Shear	Pass	19495	3000	5/24/2019	6/21/2019
T036	28	4A	54166	4310	12.566	Cone & Shear	Pass	19321	3000	5/24/2019	6/21/2019
T036	28	4A	53392	4250	12.566	Cone	Pass	19321	3000	5/24/2019	6/21/2019
P047	28	512A	70233	5590	12.566	Cone & Shear	Pass	19381	3000	5/24/2019	6/21/2019
P047	28	512A	71141	5660	12.566	Cone & Shear	Pass	19381	3000	5/24/2019	6/21/2019
Q076	28	217A	100278	7920	12.654	Columnar	Pass	19345	3000	5/24/2019	6/21/2019
Q076	28	217A	78743	6220	12.654	Cone & Shear	Pass	19345	3000	5/24/2019	6/21/2019
Q031	28	412	60211	4790	12.566	Columnar	Pass	19547	3000	5/24/2019	6/21/2019

Q031	28	412A	65622	5220	12.566	Cone & Shear	Pass	19547	3000	5/24/2019	6/21/2019
S367	28	F5	66385	5240	12.661	Cone & Shear	Pass	19270	3000	5/24/2019	6/21/2019
S367	28	F5A	68055	5420	12.566	Cone & Shear	Pass	19270	3000	5/24/2019	6/21/2019
R272	28	WMC172	93954	7480	12.566	Cone & Shear	Pass	19163	3000	5/24/2019	6/21/2019
R272	28	WMC172A	100971	8040	12.566	Columnar	Pass	19163	3000	5/24/2019	6/21/2019
Q297	28	306A	51758	4100	12.623	Columnar	Pass	19195	3000	5/24/2019	6/21/2019
Q297	28	306A	48462	3840	12.623	Columnar	Pass	19195	3000	5/24/2019	6/21/2019
GC02	28	H38-1	85492	6800	12.566	Columnar	Pass	19376	3000	5/24/2019	6/21/2019
GC02	28	H38-1A	83555	6650	12.566	Columnar	Pass	19376	3000	5/24/2019	6/21/2019
GC02	28	H38-2	77185	6140	12.566	Columnar	Pass	19376	3000	5/24/2019	6/21/2019
GC02	28	H38-2A	79315	6310	12.566	Cone & Shear	Pass	19376	3000	5/24/2019	6/21/2019
GC02	28	H38-3	77005	6130	12.566	Shear	Pass	19376	3000	5/24/2019	6/21/2019
GC02	28	H38-3A	73152	5820	12.566	Columnar	Pass	19376	3000	5/24/2019	6/21/2019
S285	28	26	68827	5480	12.566	Columnar	Pass	19272	3000	5/24/2019	6/21/2019
S285	28	26A	64633	5140	12.566	Columnar	Pass	19272	3000	5/24/2019	6/21/2019
S285	28	27	61495	4890	12.566	Cone & Shear	Pass	19272	3000	5/24/2019	6/21/2019
S285	28	27A	62820	5000	12.566	Cone & Shear	Pass	19272	3000	5/24/2019	6/21/2019
R024	7	40C	44820	3570	12.566	Columnar	Pass	18613	3000	6/14/2019	6/21/2019
S305	7	13B	66390	5280	12.566	Cone & Shear	Pass	19032	3000	6/14/2019	6/21/2019
S305	7	13C	62961	5010	12.566	Cone & Shear	Pass	19032	3000	6/14/2019	6/21/2019
DB1601	28	52	75818	5990	12.661	Cone	Pass	19057	3000	5/24/2019	6/21/2019
DB1601	28	52A	79749	6300	12.661	Cone	Pass	19057	3000	5/24/2019	6/21/2019
DB1601	28	51	78089	6210	12.566	Cone	Pass	19117	3000	5/24/2019	6/21/2019
DB1601	28	51A	77746	6190	12.566	Columnar	Pass	19117	3000	5/24/2019	6/21/2019
S195	3	1F	31851	< 2530	12.566	Cone & Shear	Fail	BAG MIX	6000	6/18/2019	6/21/2019
S195	3	1G	35966	< 2860	12.566	Cone & Shear	Fail	BAG MIX	6000	6/18/2019	6/21/2019