

Contract	Age	Cylinder	LBS	PSI	Area	Fracture	P/F	Design	Required	Made	Tested
S329	30	12	111270	8850	12.566	Columnar	Pass	19512	3000	7/20/2019	8/19/2019
S329	30	12-A	112118	8920	12.566	Cone & Shear	Pass	19512	3000	7/20/2019	8/19/2019
R260	30	EE177A	62095	4940	12.566	Cone & Shear	Pass	19117	3000	7/20/2019	8/19/2019
R260	30	EE177B	62162	4950	12.566	Cone & Shear	Pass	19117	3000	7/20/2019	8/19/2019
R260	30	EE177C	62298	4940	12.623	Columnar	Pass	19117	3000	7/20/2019	8/19/2019
R260	30	EE177D	55019	4380	12.566	Cone & Shear	Pass	19117	3000	7/20/2019	8/19/2019
T154	30	12	100119	7920	12.636	Cone & Shear	Pass	19345	0	7/20/2019	8/19/2019
T154	30	12A	108614	8640	12.566	Columnar	Pass	19345	0	7/20/2019	8/19/2019
T154	30	13	104070	8280	12.566	Cone & Shear	Pass	19345	0	7/20/2019	8/19/2019
T154	30	13A	92831	7390	12.566	Cone & Shear	Pass	19345	0	7/20/2019	8/19/2019
S362	30	10	79028	6240	12.667	Cone	Pass	19414	3000	7/20/2019	8/19/2019
S362	30	10A	80867	6440	12.566	Cone	Pass	19414	3000	7/20/2019	8/19/2019
T106	30	4	61989	4930	12.566	Cone & Shear	Pass	19089	3000	7/20/2019	8/19/2019
T106	30	4A	58490	4650	12.566	Cone & Shear	Pass	19089	3000	7/20/2019	8/19/2019
S329	30	11	102515	8160	12.566	Columnar	Pass	19513	3000	7/20/2019	8/19/2019
S329	30	11A	106872	8500	12.566	Cone	Pass	19513	3000	7/20/2019	8/19/2019
Q031	30	437	96078	7610	12.629	Cone & Shear	Pass	19548	4000	7/20/2019	8/19/2019
Q031	30	437A	87206	6940	12.566	Cone	Pass	19548	4000	7/20/2019	8/19/2019
Q031	30	437F	92207	7340	12.566	Cone	Pass	19548	4000	7/20/2019	8/19/2019
Q031	30	437G	92422	7350	12.566	Cone	Pass	19548	4000	7/20/2019	8/19/2019
Q031	30	437L	92459	7360	12.566	Cone	Pass	19548	4000	7/20/2019	8/19/2019
Q031	30	437M	88532	7050	12.566	Columnar	Pass	19548	4000	7/20/2019	8/19/2019
Q031	30	437R	88346	7030	12.566	Cone	Pass	19548	4000	7/20/2019	8/19/2019
Q031	30	437S	86910	6920	12.566	Cone & Shear	Pass	19548	4000	7/20/2019	8/19/2019
Q031	30	437X	90229	7180	12.566	Cone	Pass	19548	4000	7/20/2019	8/19/2019
Q031	30	437Y	94144	7490	12.566	Cone & Shear	Pass	19548	4000	7/20/2019	8/19/2019
DZA	30	43D	96786	7700	12.566	Cone	Pass	19026	5100	7/20/2019	8/19/2019
DZA	30	43D	97623	7770	12.566	Cone	Pass	19026	5100	7/20/2019	8/19/2019
DB1801	30	13	107450	8500	12.642	Cone & Shear	Pass	19637	3000	7/20/2019	8/19/2019
DB1801	30	13A	113658	9040	12.566	Columnar	Pass	19637	3000	7/20/2019	8/19/2019
DB1701	29	1320A	83474	6640	12.566	Cone & Shear	Pass	19217	3000	7/21/2019	8/19/2019

DB1701	29	1320B	83442	6640	12.566	Cone & Shear	Pass	19217	3000	7/21/2019	8/19/2019
DB1701	28	709A	75500	6010	12.566	Cone & Shear	Pass	9400	3000	7/22/2019	8/19/2019
DB1701	28	709B	69645	5540	12.566	Cone & Shear	Pass	9400	3000	7/22/2019	8/19/2019
Q030	28	424	74932	5960	12.566	Cone	Pass	19304	3000	7/22/2019	8/19/2019
Q030	28	424A	76831	6110	12.566	Cone	Pass	19304	3000	7/22/2019	8/19/2019
T123	28	2	113077	9000	12.566	Cone	Pass	19383	3000	7/22/2019	8/19/2019
T123	28	2A	114387	9100	12.566	Cone	Pass	19383	3000	7/22/2019	8/19/2019
T154	28	14	73864	5880	12.566	Cone & Shear	Pass	19345	0	7/22/2019	8/19/2019
T154	28	14A	76858	6120	12.566	Cone & Shear	Pass	19345	0	7/22/2019	8/19/2019
R078	28	28	57025	4540	12.566	Columnar	Pass	19093	4000	7/22/2019	8/19/2019
R078	28	28A	53898	4290	12.566	Cone & Shear	Pass	19093	4000	7/22/2019	8/19/2019
T231	28	1	62476	4970	12.566	Cone & Shear	Pass	19289	3000	7/22/2019	8/19/2019
T231	28	1A	60617	4820	12.566	Cone	Pass	19289	3000	7/22/2019	8/19/2019
P230	28	1456	61785	4920	12.566	Cone & Shear	Pass	19118	3000	7/22/2019	8/19/2019
P230	28	1456A	60887	4850	12.566	Cone & Shear	Pass	19118	3000	7/22/2019	8/19/2019
P239	28	1457	72011	5730	12.566	Cone	Pass	19120	3000	7/22/2019	8/19/2019
P239	28	1457A	72358	5760	12.566	Cone	Pass	19120	3000	7/22/2019	8/19/2019
S005	28	8	87198	6880	12.667	Columnar	Pass	19676	0	7/22/2019	8/19/2019
S005	28	8A	81923	6520	12.566	Cone & Shear	Pass	19676	0	7/22/2019	8/19/2019
Q029	28	381A	69104	5500	12.566	Cone & Shear	Pass	19200	3000	7/22/2019	8/19/2019
Q029	28	381A	73081	5820	12.566	Columnar	Pass	19200	3000	7/22/2019	8/19/2019
S127	28	101	90449	7200	12.566	Cone	Pass	19090	3000	7/22/2019	8/19/2019
S127	28	101-A	82869	6590	12.566	Cone	Pass	19090	3000	7/22/2019	8/19/2019
R016	28	21	78395	6240	12.566	Cone	Pass	19717	3000	7/22/2019	8/19/2019
R016	28	21A	72141	5740	12.566	Columnar	Pass	19717	3000	7/22/2019	8/19/2019
DB1701	28	622A	58180	4630	12.566	Cone	Pass	19237	3000	7/23/2019	8/20/2019
DB1701	28	622B	57630	4590	12.566	Cone & Shear	Pass	19237	3000	7/23/2019	8/20/2019
DB1701	28	1321A	85307	6790	12.566	Cone & Shear	Pass	19217	3000	7/23/2019	8/20/2019
DB1701	28	1321B	82034	6530	12.566	Columnar	Pass	19217	3000	7/23/2019	8/20/2019
DB1701	28	710A	69580	5540	12.566	Cone	Pass	9406	4000	7/23/2019	8/20/2019
DB1701	28	710B	67807	5400	12.566	Columnar	Pass	9406	4000	7/23/2019	8/20/2019
T105	28	2	68850	5480	12.566	Columnar	Pass	19317	3000	7/23/2019	8/20/2019

T105	28	2A	66055	5260	12.566	Cone & Shear	Pass	19317	3000	7/23/2019	8/20/2019
T016	28	6	80441	6400	12.566	Cone	Pass	19547	3000	7/23/2019	8/20/2019
T016	28	6A	80021	6370	12.566	Cone	Pass	19547	3000	7/23/2019	8/20/2019
P079	50	403	70891	5600	12.667	Cone & Shear	Pass	19070	3000	7/1/2019	8/20/2019
P079	50	403A	67088	5340	12.566	Cone & Shear	Pass	19070	3000	7/1/2019	8/20/2019
Q031	28	438	159352	5640	28.274	Cone & Shear	Pass	19554	3000	7/23/2019	8/20/2019
Q031	28	438A	163257	5770	28.274	Cone & Shear	Pass	19554	3000	7/23/2019	8/20/2019
S323	28	18A	65652	5200	12.636	Cone	Pass	19187	3000	7/23/2019	8/20/2019
S323	28	18A	64148	5080	12.636	Cone & Shear	Pass	19187	3000	7/23/2019	8/20/2019
R016	28	22	57790	4600	12.566	Cone & Shear	Pass	19717	3000	7/23/2019	8/20/2019
R016	28	22A	75131	5980	12.566	Cone	Pass	19717	3000	7/23/2019	8/20/2019
R280	14	57B	62936	5010	12.566	Cone & Shear	Pass	19089	3000	8/5/2019	8/19/2019
DB1701	28	710C	78734	6240	12.623	Cone	Pass	9406	4000	7/23/2019	8/20/2019
DB1701	28	710D	76385	6050	12.623	Columnar	Pass	9406	4000	7/23/2019	8/20/2019
S202	28	42	50225	4000	12.566	Columnar	Pass	19251	3000	7/23/2019	8/20/2019
S202	28	42A	49401	3930	12.566	Cone & Shear	Pass	19251	3000	7/23/2019	8/20/2019
S005	28	9	75758	6030	12.566	Cone & Shear	Pass	19677	3000	7/23/2019	8/20/2019
S005	28	9A	78463	6240	12.566	Cone & Shear	Pass	19677	3000	7/23/2019	8/20/2019
T154	28	15	119355	9500	12.566	Cone	Pass	19345	0	7/23/2019	8/20/2019
T154	28	15A	114353	9100	12.566	Columnar	Pass	19345	0	7/23/2019	8/20/2019
Q270	28	38	67347	5330	12.636	Cone & Shear	Pass	19695	3000	7/23/2019	8/20/2019
Q270	28	38A	67907	5370	12.636	Cone & Shear	Pass	19695	3000	7/23/2019	8/20/2019
P230	28	1459	56348	4480	12.566	Cone & Shear	Pass	19118	3000	7/23/2019	8/20/2019
P230	28	1459A	59380	4730	12.566	Columnar	Pass	19118	3000	7/23/2019	8/20/2019
S338	28	46	66190	5270	12.566	Cone & Shear	Pass	19582	3000	7/23/2019	8/20/2019
S338	28	46A	65629	5220	12.566	Cone & Shear	Pass	19582	3000	7/23/2019	8/20/2019
DB1701	28	842A	57774	4600	12.566	Cone & Shear	Pass	19230	3000	7/23/2019	8/20/2019
DB1701	28	842B	59283	4720	12.566	Cone & Shear	Pass	19230	3000	7/23/2019	8/20/2019
R260	28	BB178A	62070	4910	12.642	Columnar	Pass	19117	3000	7/23/2019	8/20/2019
R260	28	BB178B	65694	5200	12.642	Columnar	Pass	19117	3000	7/23/2019	8/20/2019
T132	28	37A	74403	5920	12.566	Cone & Shear	Pass	19345	3000	7/23/2019	8/20/2019
T132	28	37A	84443	6720	12.566	Columnar	Pass	19345	3000	7/23/2019	8/20/2019

P047	28	538A	77627	6180	12.566	Cone & Shear	Pass	19381	3000	7/23/2019	8/20/2019
P047	28	538A	77024	6130	12.566	Columnar	Pass	19381	3000	7/23/2019	8/20/2019
S257	28	25	75233	5990	12.566	Cone	Pass	19376	3000	7/23/2019	8/20/2019
S257	28	25A	79650	6340	12.566	Cone	Pass	19376	3000	7/23/2019	8/20/2019
Q172	28	153	53058	4190	12.661	Cone & Shear	Pass	19087	3000	7/23/2019	8/20/2019
Q172	28	153	52749	4200	12.566	Columnar	Pass	19087	3000	7/23/2019	8/20/2019
DB1801	28	14	61408	4890	12.566	Cone & Shear	Pass	19637	3000	7/23/2019	8/20/2019
DB1801	28	14A	42538	3390	12.566	Columnar	Pass	19637	3000	7/23/2019	8/20/2019
S317	7	29B	48632	3870	12.566	Cone & Shear	Pass	19070	3000	8/13/2019	8/20/2019
S127	28	102	78670	6260	12.566	Columnar	Pass	19090	3000	7/23/2019	8/20/2019
S127	28	102A	76018	6050	12.566	Columnar	Pass	19090	3000	7/23/2019	8/20/2019
S060	28	39	77159	6140	12.566	Cone	Pass	19494	3000	7/24/2019	8/21/2019
S060	28	39A	78091	6210	12.566	Columnar	Pass	19494	3000	7/24/2019	8/21/2019
S202	28	43	54754	4360	12.566	Cone	Pass	19264	3000	7/24/2019	8/21/2019
S202	28	43A	57181	4550	12.566	Cone & Shear	Pass	19264	3000	7/24/2019	8/21/2019
S005	28	10	84218	6700	12.566	Cone	Pass	19676	3000	7/24/2019	8/21/2019
S005	28	10A	84693	6740	12.566	Columnar	Pass	19676	3000	7/24/2019	8/21/2019
S005	28	11	85142	6780	12.566	Cone	Pass	19676	3000	7/24/2019	8/21/2019
S005	28	11A	77931	6200	12.566	Cone	Pass	19676	3000	7/24/2019	8/21/2019
S005	28	12	80116	6330	12.654	Columnar	Pass	19677	3000	7/24/2019	8/21/2019
S005	28	12A	78473	6240	12.566	Cone	Pass	19677	3000	7/24/2019	8/21/2019
P230	28	1460	68771	5470	12.566	Cone & Shear	Pass	19120	3000	7/24/2019	8/21/2019
P230	28	1460A	66742	5310	12.566	Cone	Pass	19120	3000	7/24/2019	8/21/2019
P230	28	1461	57999	4590	12.642	Cone & Shear	Pass	19299	4000	7/24/2019	8/21/2019
P230	28	1461A	59428	4730	12.566	Columnar	Pass	19299	4000	7/24/2019	8/21/2019
P230	28	1462	63882	5080	12.566	Cone & Shear	Pass	19120	3000	7/24/2019	8/21/2019
P230	28	1462A	59541	4740	12.566	Cone & Shear	Pass	19120	3000	7/24/2019	8/21/2019
S338	28	47	81858	6470	12.648	Cone & Shear	Pass	19582	3000	7/24/2019	8/21/2019
S338	28	47A	83749	6620	12.648	Columnar	Pass	19582	3000	7/24/2019	8/21/2019
S338	28	901	65101	5180	12.566	Cone & Shear	Pass	N/A	3000	7/24/2019	8/21/2019
S338	28	901A	59684	4750	12.566	Cone & Shear	Pass	N/A	3000	7/24/2019	8/21/2019
DB1701	28	711A	70316	5600	12.566	Columnar	Pass	9406	4000	7/24/2019	8/21/2019

DB1701	28	711B	71630	5700	12.566	Cone	Pass	9406	4000	7/24/2019	8/21/2019
DB1701	28	711C	70669	5620	12.566	Cone & Shear	Pass	9406	4000	7/24/2019	8/21/2019
DB1701	28	711D	67678	5390	12.566	Cone	Pass	9406	4000	7/24/2019	8/21/2019
DB1701	28	1322A	92351	7350	12.566	Columnar	Pass	19217	3000	7/24/2019	8/21/2019
DB1701	28	1322B	86046	6850	12.566	Cone	Pass	19217	3000	7/24/2019	8/21/2019
DB1701	28	1322C	85553	6810	12.566	Cone & Shear	Pass	19217	3000	7/24/2019	8/21/2019
DB1701	28	1322D	86192	6860	12.566	Cone	Pass	19217	3000	7/24/2019	8/21/2019
DB1701	28	843A	54900	4370	12.566	Columnar	Pass	19230	3000	7/24/2019	8/21/2019
DB1701	28	843B	56429	4490	12.566	Cone & Shear	Pass	19230	3000	7/24/2019	8/21/2019
DB1701	28	1321C	95092	7530	12.629	Columnar	Pass	19217	3000	7/24/2019	8/21/2019
DB1701	28	1321D	94049	7480	12.566	Cone	Pass	19217	3000	7/24/2019	8/21/2019
Q346	28	W51	68295	5430	12.566	Cone	Pass	19331	3000	7/24/2019	8/21/2019
Q346	28	W51A	63662	5070	12.566	Cone & Shear	Pass	19331	3000	7/24/2019	8/21/2019
S060	28	3ARK	169348	13480	12.566	Cone	Pass	19038	10000	7/24/2019	8/21/2019
S060	28	3ARK	157683	12550	12.566	Cone	Pass	19038	10000	7/24/2019	8/21/2019
S234	28	31A	44614	3550	12.566	Cone	Pass	19187	3000	7/24/2019	8/21/2019
S234	28	31A	41564	3310	12.566	Cone & Split	Pass	19187	3000	7/24/2019	8/21/2019
Q029	28	382A	71145	5660	12.566	Cone & Shear	Pass	19161	3000	7/24/2019	8/21/2019
Q029	28	382A	68599	5460	12.566	Cone	Pass	19161	3000	7/24/2019	8/21/2019
S272	28	1	64889	5160	12.566	Cone & Shear	Pass	19162	3000	7/24/2019	8/21/2019
S272	28	1A	60570	4820	12.566	Cone & Shear	Pass	19162	3000	7/24/2019	8/21/2019
S272	28	2	63318	5000	12.667	Cone	Pass	19162	3000	7/24/2019	8/21/2019
S272	28	2A	56238	4480	12.566	Cone & Shear	Pass	19162	3000	7/24/2019	8/21/2019
P287	28	183A	80241	6390	12.566	Cone & Shear	Pass	19627	3000	7/24/2019	8/21/2019
P287	28	183A	77634	6180	12.566	Columnar	Pass	19627	3000	7/24/2019	8/21/2019
S257	28	26	69315	5520	12.566	Cone & Shear	Pass	19376	3000	7/24/2019	8/21/2019
S257	28	26A	75716	6030	12.566	Cone & Shear	Pass	19376	3000	7/24/2019	8/21/2019
S257	28	26D	96681	7650	12.642	Cone	Pass	19374	3000	7/24/2019	8/21/2019
S257	28	26E	92491	7320	12.642	Cone	Pass	19374	3000	7/24/2019	8/21/2019
S257	28	26B	87378	6950	12.566	Cone & Shear	Pass	19376	3000	7/24/2019	8/21/2019
S257	28	26C	85610	6810	12.566	Cone & Shear	Pass	19376	3000	7/24/2019	8/21/2019
T106	28	5	63246	5030	12.566	Columnar	Pass	19089	3000	7/24/2019	8/21/2019

T106	28	5A	60788	4840	12.566	Columnar	Pass	19089	3000	7/24/2019	8/21/2019
Q172	28	154	48032	3820	12.566	Cone & Shear	Pass	14087	3000	7/24/2019	8/21/2019
Q172	28	154A	56108	4460	12.566	Cone & Shear	Pass	14087	3000	7/24/2019	8/21/2019
P230	28	1458	132103	4670	28.274	Cone & Shear	Pass	19281	3000	7/24/2019	8/21/2019
P230	28	1458A	128181	4530	28.274	Cone & Shear	Pass	19281	3000	7/24/2019	8/21/2019
DB1701	28	623A	53045	4220	12.566	Cone & Shear	Pass	19230	3000	7/24/2019	8/21/2019
DB1701	28	623B	51439	4090	12.566	Shear	Pass	19230	3000	7/24/2019	8/21/2019
R040	28	95A	66118	5260	12.566	Shear	Pass	19292	3000	7/24/2019	8/21/2019
R040	28	95A	67094	5340	12.566	Cone & Shear	Pass	19292	3000	7/24/2019	8/21/2019
120086	28	19A	45574	3630	12.566	Cone & Shear	Pass	19381	3000	7/24/2019	8/21/2019
120086	28	19A	46866	3730	12.566	Cone & Shear	Pass	19381	3000	7/24/2019	8/21/2019
R272	28	MP125	57133	4550	12.566	Cone	Pass	19270	3000	7/24/2019	8/21/2019
R272	28	MP125A	56256	4480	12.566	Cone & Shear	Pass	19270	3000	7/24/2019	8/21/2019
S367	28	F12	73155	5820	12.566	Cone & Shear	Pass	19270	3000	7/24/2019	8/21/2019
S367	28	F12A	70963	5650	12.566	Columnar	Pass	19270	3000	7/24/2019	8/21/2019
T016	28	7	72836	5800	12.566	Columnar	Pass	19547	3000	7/24/2019	8/21/2019
T016	28	7A	71676	5700	12.566	Columnar	Pass	19547	3000	7/24/2019	8/21/2019
DZA	28	22D	167885	13360	12.566	Cone	Pass	19027	9000	7/24/2019	8/21/2019
DZA	28	22D	165037	13130	12.566	Cone	Pass	19027	9000	7/24/2019	8/21/2019
DZA	28	22L	127294	10130	12.566	Cone	Pass	19027	9000	7/24/2019	8/21/2019
DZA	28	22L	127327	10130	12.566	Cone	Pass	19027	9000	7/24/2019	8/21/2019
DB1801	28	15	61634	4880	12.623	Cone	Pass	19637	3000	7/24/2019	8/21/2019
DB1801	28	15A	87018	6890	12.623	Cone	Pass	19637	3000	7/24/2019	8/21/2019
T068	28	13	76856	6120	12.566	Cone & Shear	Pass	19610	3000	7/24/2019	8/21/2019
T068	28	13A	78349	6230	12.566	Cone & Shear	Pass	19610	3000	7/24/2019	8/21/2019
S338	7	713B	52756	4200	12.566	Shear	Pass	19811	3000	8/14/2019	8/21/2019
S338	7	713C	50155	3990	12.566	Shear	Pass	19811	3000	8/14/2019	8/21/2019
S369	7	12B	46813	3730	12.566	Shear	Pass	19377	3000	8/14/2019	8/21/2019
R260	28	BB180A	65490	5210	12.566	Columnar	Pass	19117	3000	7/25/2019	8/22/2019
R260	28	BB180B	65050	5180	12.566	Cone & Shear	Pass	19117	3000	7/25/2019	8/22/2019
R260	28	IR179A	88007	7000	12.566	Cone	Pass	19056	3000	7/25/2019	8/22/2019
R260	28	IR179B	80963	6440	12.566	Cone & Shear	Pass	19056	3000	7/25/2019	8/22/2019

R260	28	IR179C	86510	6880	12.566	Cone	Pass	19056	3000	7/25/2019	8/22/2019
R260	28	IR179D	82175	6540	12.566	Cone	Pass	19056	3000	7/25/2019	8/22/2019
R260	28	IR179E	83125	6610	12.566	Cone & Shear	Pass	19056	3000	7/25/2019	8/22/2019
R260	28	IR179F	79796	6350	12.566	Cone	Pass	19056	3000	7/25/2019	8/22/2019
R260	28	IR179G	79131	6270	12.623	Cone	Pass	19056	3000	7/25/2019	8/22/2019
R260	28	IR179H	87501	6960	12.566	Cone	Pass	19056	3000	7/25/2019	8/22/2019
R260	28	IR179I	85943	6810	12.617	Cone	Pass	19056	3000	7/25/2019	8/22/2019
R260	28	IR179J	91478	7280	12.566	Cone	Pass	19056	3000	7/25/2019	8/22/2019
R260	28	IR179K	94778	7540	12.566	Columnar	Pass	19056	3000	7/25/2019	8/22/2019
R260	28	IR179L	101131	8050	12.566	Cone	Pass	19056	3000	7/25/2019	8/22/2019
Q921	28	719	76215	6070	12.566	Cone	Pass	19476	3000	7/25/2019	8/22/2019
Q921	28	719A	79555	6330	12.566	Cone & Shear	Pass	19476	3000	7/25/2019	8/22/2019
T073	28	11	62079	4940	12.566	Cone & Shear	Pass	19088	3000	7/25/2019	8/22/2019
T073	28	11A	63651	5070	12.566	Cone & Shear	Pass	19088	3000	7/25/2019	8/22/2019
T901	28	10	61353	4880	12.566	Cone & Shear	Pass	19625	3000	7/25/2019	8/22/2019
T901	28	10A	61949	4930	12.566	Cone & Shear	Pass	19625	3000	7/25/2019	8/22/2019
119903	28	31	60686	4830	12.566	Cone	Pass	19289	3000	7/25/2019	8/22/2019
119903	28	31A	60734	4830	12.566	Cone & Shear	Pass	19289	3000	7/25/2019	8/22/2019
P230	28	1464	70666	5620	12.566	Columnar	Pass	19120	3000	7/25/2019	8/22/2019
P230	28	1464A	70427	5600	12.566	Columnar	Pass	19120	3000	7/25/2019	8/22/2019
P230	28	1465	59053	4670	12.648	Cone & Shear	Pass	19118	3000	7/25/2019	8/22/2019
P230	28	1465A	56630	4510	12.566	Cone & Shear	Pass	19118	3000	7/25/2019	8/22/2019
DB1701	28	1323A	101143	8050	12.566	Cone	Pass	19217	3000	7/25/2019	8/22/2019
DB1701	28	1323B	97275	7740	12.566	Cone & Shear	Pass	19217	3000	7/25/2019	8/22/2019
DB1701	28	846A	52519	4180	12.566	Cone	Pass	19350	3000	7/25/2019	8/22/2019
DB1701	28	846B	56235	4480	12.566	Columnar	Pass	19350	3000	7/25/2019	8/22/2019
S202	28	45	105784	8350	12.667	Cone	Pass	19498	4500	7/25/2019	8/22/2019
S202	28	45A	101470	8070	12.566	Cone	Pass	19498	4500	7/25/2019	8/22/2019
S202	28	44	66324	5280	12.566	Columnar	Pass	19498	4500	7/25/2019	8/22/2019
S202	28	44A	66126	5260	12.566	Columnar	Pass	19498	4500	7/25/2019	8/22/2019
S005	28	13	62110	4940	12.566	Cone	Pass	19677	3000	7/25/2019	8/22/2019
S005	28	13A	61191	4870	12.566	Cone & Shear	Pass	19677	3000	7/25/2019	8/22/2019

Q346	28	W52	69073	5500	12.566	Cone	Pass	19331	3000	7/25/2019	8/22/2019
Q346	28	W52A	68973	5490	12.566	Cone & Shear	Pass	19331	3000	7/25/2019	8/22/2019
T021	28	1A	78429	6240	12.566	Columnar	Pass	19323	3000	7/25/2019	8/22/2019
T021	28	1A	77607	6180	12.566	Cone	Pass	19323	3000	7/25/2019	8/22/2019
R275	28	117A	50504	4000	12.629	Cone & Shear	Pass	19103	3000	7/25/2019	8/22/2019
R275	28	117A	52208	4150	12.566	Columnar	Pass	19103	3000	7/25/2019	8/22/2019
R275	28	118-A	71421	5680	12.566	Cone & Shear	Pass	19103	3000	7/25/2019	8/22/2019
R275	28	118-A	69399	5520	12.566	Cone & Shear	Pass	19103	3000	7/25/2019	8/22/2019
116765	28	1	74206	5910	12.566	Cone	Pass	19303	3000	7/25/2019	8/22/2019
116765	28	1A	75695	6020	12.566	Cone & Shear	Pass	19303	3000	7/25/2019	8/22/2019
118969	28	1	58198	4630	12.566	Cone & Shear	Pass	19275	3000	7/25/2019	8/22/2019
118969	28	1A	60760	4840	12.566	Cone & Shear	Pass	19275	3000	7/25/2019	8/22/2019
Q030	28	425A	109912	8750	12.566	Cone & Shear	Pass	18645	3000	7/25/2019	8/22/2019
Q030	28	425A	112598	8960	12.566	Cone	Pass	18645	3000	7/25/2019	8/22/2019
Q029	28	383A	66308	5280	12.566	Cone	Pass	19206	3000	7/25/2019	8/22/2019
Q029	28	383A	71227	5670	12.566	Cone	Pass	19206	3000	7/25/2019	8/22/2019
S265	28	33A	54788	4360	12.566	Cone & Shear	Pass	19187	3000	7/25/2019	8/22/2019
S265	28	33A	55723	4430	12.566	Cone & Shear	Pass	19187	3000	7/25/2019	8/22/2019
Q297	28	310A	73822	5870	12.566	Cone	Pass	19196	3000	7/25/2019	8/22/2019
Q297	28	310A	71863	5720	12.566	Cone	Pass	19196	3000	7/25/2019	8/22/2019
T224	28	1	68179	5390	12.642	Cone & Shear	Pass	19282	3000	7/25/2019	8/22/2019
T224	28	1A	69000	5490	12.566	Columnar	Pass	19282	3000	7/25/2019	8/22/2019
P230	28	1466	63017	5010	12.566	Cone & Shear	Pass	19120	3000	7/25/2019	8/22/2019
P230	28	1466A	64593	5140	12.566	Cone & Shear	Pass	19120	3000	7/25/2019	8/22/2019
DB1701	28	624A	64763	5150	12.566	Cone & Shear	Pass	19215	3000	7/25/2019	8/22/2019
DB1701	28	624B	66642	5300	12.566	Cone	Pass	19215	3000	7/25/2019	8/22/2019
DB1701	28	712A	68618	5460	12.566	Cone & Shear	Pass	9400	3000	7/25/2019	8/22/2019
DB1701	28	712B	68343	5440	12.566	Cone & Shear	Pass	9400	3000	7/25/2019	8/22/2019
R272	28	MP126	59016	4700	12.566	Cone	Pass	19270	3000	7/25/2019	8/22/2019
R272	28	MP126A	61450	4890	12.566	Cone & Shear	Pass	19270	3000	7/25/2019	8/22/2019
R272	28	MP126D	61369	4860	12.636	Cone & Shear	Pass	19270	3000	7/25/2019	8/22/2019
R272	28	MP126E	61670	4910	12.566	Cone & Shear	Pass	19270	3000	7/25/2019	8/22/2019

T016	28	8	95681	7610	12.566	Cone	Pass	19547	3000	7/25/2019	8/22/2019
T016	28	8A	94563	7530	12.566	Cone	Pass	19547	3000	7/25/2019	8/22/2019
T016	28	9	65858	5240	12.566	Cone	Pass	19547	3000	7/25/2019	8/22/2019
T016	28	9A	67582	5380	12.566	Cone & Shear	Pass	19547	3000	7/25/2019	8/22/2019
P230	28	1463	133846	4730	28.274	Cone & Shear	Pass	19281	3000	7/25/2019	8/22/2019
P230	28	1463A	126562	4460	28.35	Columnar	Pass	19281	3000	7/25/2019	8/22/2019
DB1601	28	59	86586	6840	12.667	Cone	Pass	19639	3000	7/25/2019	8/22/2019
DB1601	28	59A	80757	6430	12.566	Cone & Shear	Pass	19639	3000	7/25/2019	8/22/2019
S060	7	42D	60195	4790	12.566	Cone	Pass	19494	3000	8/15/2019	8/22/2019
S060	7	42E	61221	4870	12.566	Cone & Shear	Pass	19494	3000	8/15/2019	8/22/2019
Q921	28	612	57338	4540	12.636	Columnar	Pass	19476	3000	7/26/2019	8/23/2019
Q921	28	612A	58815	4680	12.566	Columnar	Pass	19476	3000	7/26/2019	8/23/2019
S338	28	48	67809	5400	12.566	Columnar	Pass	19582	3000	7/26/2019	8/23/2019
S338	28	48A	67802	5400	12.566	Cone & Shear	Pass	19582	3000	7/26/2019	8/23/2019
DB1701	28	1323C	94588	7500	12.617	Cone	Pass	19217	3000	7/26/2019	8/23/2019
DB1701	28	1323D	94335	7510	12.566	Cone	Pass	19217	3000	7/26/2019	8/23/2019
111041	28	B1-29	64452	5130	12.566	Cone	Pass	19087	3000	7/26/2019	8/23/2019
111041	28	B1-29A	67664	5380	12.566	Cone	Pass	19087	3000	7/26/2019	8/23/2019
111041	28	B1-30	66481	5290	12.566	Cone	Pass	19087	3000	7/26/2019	8/23/2019
111041	28	B1-30A	62153	4950	12.566	Columnar	Pass	19087	3000	7/26/2019	8/23/2019
S005	28	13	71006	5650	12.566	Cone & Shear	Pass	19676	0	7/26/2019	8/23/2019
S005	28	13A	69950	5570	12.566	Cone & Shear	Pass	19676	0	7/26/2019	8/23/2019
T138	28	1	112897	8980	12.566	Columnar	Pass	BAG MIX	5000	7/26/2019	8/23/2019
T138	28	1A	144197	11470	12.566	Cone & Split	Pass	BAG MIX	5000	7/26/2019	8/23/2019
S060	28	4ARK	163199	12900	12.654	Cone	Pass	19038	10000	07/26/19/	8/23/2019
S060	28	4ARK	172897	13760	12.566	Cone	Pass	19038	10000	07/26/19/	8/23/2019
T021	28	2	66177	5270	12.566	Cone & Shear	Pass	19323	3000	7/26/2019	8/23/2019
T021	28	2A	71579	5700	12.566	Cone & Shear	Pass	19323	3000	7/26/2019	8/23/2019
Q030	28	426A	103606	8240	12.566	Cone	Pass	16604	3000	7/26/2019	8/23/2019
Q030	28	426A	115619	9200	12.566	Cone	Pass	16604	3000	7/26/2019	8/23/2019
S272	28	3	58554	4660	12.566	Cone & Shear	Pass	19162	3000	7/26/2019	8/23/2019
S272	28	3A	60700	4830	12.566	Cone & Shear	Pass	19162	3000	7/26/2019	8/23/2019

Q172	28	155	47540	3780	12.566	Cone & Shear	Pass	19087	3000	7/26/2019	8/23/2019
Q172	28	155A	54331	4320	12.566	Columnar	Pass	19087	3000	7/26/2019	8/23/2019
P230	28	1467	72482	5770	12.566	Cone & Shear	Pass	19120	3000	7/26/2019	8/23/2019
P230	28	1467A	72087	5740	12.566	Columnar	Pass	19120	3000	7/26/2019	8/23/2019
S905	28	17	75028	5970	12.566	Cone	Pass	19063	4000	7/26/2019	8/23/2019
S905	28	17A	76724	6110	12.566	Cone	Pass	19063	4000	7/26/2019	8/23/2019
S905	28	16	77075	6130	12.566	Columnar	Pass	19063	4000	7/26/2019	8/23/2019
S905	28	16A	75114	5980	12.566	Cone & Shear	Pass	19063	4000	7/26/2019	8/23/2019
S905	28	15	68574	5460	12.566	Cone & Shear	Pass	19063	4000	7/26/2019	8/23/2019
S905	28	15A	70721	5630	12.566	Cone & Shear	Pass	19063	4000	7/26/2019	8/23/2019
DB1701	28	713A	57803	4570	12.661	Cone & Shear	Pass	9400	3000	7/26/2019	8/23/2019
DB1701	28	713B	62822	5000	12.566	Columnar	Pass	9400	3000	7/26/2019	8/23/2019
DB1701	28	625A	56098	4460	12.566	Cone & Shear	Pass	19230	3000	7/26/2019	8/23/2019
DB1701	28	625B	49793	3960	12.566	Cone	Pass	19230	3000	7/26/2019	8/23/2019
DB1701	28	626A	51372	4090	12.566	Cone & Shear	Pass	19230	3000	7/26/2019	8/23/2019
DB1701	28	626B	49995	3980	12.566	Columnar	Pass	19230	3000	7/26/2019	8/23/2019
DB1701	28	1324A	79916	6320	12.636	Cone	Pass	19217	3000	7/26/2019	8/23/2019
DB1701	28	1324B	85458	6800	12.566	Columnar	Pass	19217	3000	7/26/2019	8/23/2019
DB1701	28	120A	65904	5240	12.566	Cone & Shear	Pass	19350	3000	7/26/2019	8/23/2019
DB1701	28	120B	64096	5100	12.566	Cone & Shear	Pass	19350	3000	7/26/2019	8/23/2019
DB1701	28	847A	51614	4110	12.566	Cone & Split	Pass	19350	3000	7/26/2019	8/23/2019
DB1701	28	847B	52510	4180	12.566	Columnar	Pass	19350	3000	7/26/2019	8/23/2019
118524	28	1	51053	4030	12.667	Cone & Shear	Pass	19321	3000	7/26/2019	8/23/2019
118524	28	1A	49934	3970	12.566	Cone & Shear	Pass	19321	3000	7/26/2019	8/23/2019
T131	28	20A	94917	7550	12.566	Cone & Shear	Pass	19546	3000	7/26/2019	8/23/2019
T131	28	20A	95296	7580	12.566	Cone & Split	Pass	19546	3000	7/26/2019	8/23/2019
T201	28	10	57358	4560	12.566	Columnar	Pass	1934	0	7/26/2019	8/23/2019
T201	28	10A	72254	5750	12.566	Cone	Pass	1934	0	7/26/2019	8/23/2019
DB1701	28	847AR	42817	3410	12.566	Cone	Pass	19350	3000	7/26/2019	8/23/2019
DB1701	28	847ARI	48488	3860	12.566	Cone & Shear	Pass	19350	3000	7/26/2019	8/23/2019
R272	28	MP127	45281	3600	12.566	Columnar	Pass	19270	3000	7/26/2019	8/23/2019
R272	28	MP127A	44603	3550	12.566	Cone & Shear	Pass	19270	3000	7/26/2019	8/23/2019

R272	28	MP127D	48143	3830	12.566	Columnar	Pass	19270	3000	7/26/2019	8/23/2019
R272	28	MP127E	46984	3740	12.566	Cone & Shear	Pass	19270	3000	7/26/2019	8/23/2019
S367	29	F13	79172	6260	12.648	Columnar	Pass	19270	3000	7/25/2019	8/23/2019
S367	29	F13A	78082	6210	12.566	Columnar	Pass	19270	3000	7/25/2019	8/23/2019
DZA	28	43D	114599	9120	12.566	Cone	Pass	19026	5100	7/26/2019	8/23/2019
DZA	28	43D	125735	10010	12.566	Cone	Pass	19026	5100	7/26/2019	8/23/2019
DZA	28	43M	113283	9010	12.566	Cone	Pass	19026	5100	7/26/2019	8/23/2019
DZA	28	43M	110684	8810	12.566	Cone	Pass	19026	5100	7/26/2019	8/23/2019
DB1801	28	16	82465	6530	12.629	Columnar	Pass	19637	3000	7/26/2019	8/23/2019
DB1801	28	16A	105822	8420	12.566	Cone & Split	Pass	19637	3000	7/26/2019	8/23/2019
S060	14	41B	60817	4840	12.566	Cone & Shear	Pass	19494	3000	8/9/2019	8/23/2019
S060	14	41C	53484	4260	12.566	Cone & Shear	Pass	19494	3000	8/9/2019	8/23/2019
S060	28	4ARKZ	169103	13460	12.566	Cone	Pass	19038	10000	7/26/2019	8/23/2019
S060	28	4ARKZ	162451	12930	12.566	Cone	Pass	19038	10000	7/26/2019	8/23/2019
R016	28	23	67561	5380	12.566	Cone & Shear	Pass	19635	3000	7/26/2019	8/23/2019
R016	28	23A	59111	4700	12.566	Cone & Shear	Pass	19635	3000	7/26/2019	8/23/2019
S285	28	46	61194	4870	12.566	Cone	Pass	19272	3000	7/26/2019	8/23/2019
S285	28	46A	59813	4760	12.566	Cone & Shear	Pass	19272	3000	7/26/2019	8/23/2019
S285	28	46F	59998	4770	12.566	Cone	Pass	19272	3000	7/26/2019	8/23/2019
S285	28	46G	65528	5210	12.566	Cone & Shear	Pass	19272	3000	7/26/2019	8/23/2019
S060	7	43D	48677	3870	12.566	Cone & Shear	Pass	19494	3000	8/16/2019	8/23/2019
S060	7	43E	50159	3990	12.566	Cone & Shear	Pass	19494	3000	8/16/2019	8/23/2019
T910	28	1	67726	5390	12.566	Columnar	Pass	19692	4000	7/26/2019	8/23/2019
T910	28	1A	65791	5240	12.566	Cone & Shear	Pass	19692	4000	7/26/2019	8/23/2019
S202	3	50B	46994	3720	12.623	Cone & Shear	Pass	19251	3000	8/20/2019	8/23/2019
S202	3	50C	46185	3680	12.566	Cone	Pass	19251	3000	8/20/2019	8/23/2019
S369	4HR	13I	57823	4600	12.566	Cone & Shear	Pass		4000	7/30/2019	8/25/2019