

Contract

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column first.
Do it.

No	Type	Initial P	USACE Approved 1 = Z1 2 = Z2 3 = overb Blank= no	Hole	Hole Location As Designed?	UTM Northing As Built	UTM Easting As Built	Top EL As Built	STA As Built	Offset As Built	Azimuth	Plunge	Overburden Length (Length to Rock)	OCSP Length	Total Hole Length	Length to Top Zone 1	Length to Top Zone 2	EL Top of Rock	Complete for DMS
						m	m	ft	Top	Top	deg	deg	ft	ft	ft	ft	ft	(ft)	
1	P		2	D0648P	Yes	4603708.48	700416.27	1714.2	06+48.28	-1.82	299.26	19.9	1.0	3.0	32.6	3.0	No Z1	1713.9	Z2 Complete
	Q		2	D0649Q	Yes	4603708.61	700416.68	1713.25	06+49.31	-2.81	299.26	23.6	1.0	3.0	32.0	3.0	No Z1	1712.8	Z2 Complete
2	T		2	D0650T	Yes	4603708.77	700416.99	1712.4	06+49.97	-3.75	299.26	26.9	0.0	3.0	33.2	3.0	No Z1	1712.4	Z2 Complete
	Q		2	D0651Q	Yes	4603709.02	700417.22	1712.3	06+50.26	-4.83	299.26	30.2	0.0	3.0	35.4	3.0	No Z1	1712.3	Z2 Complete
3	S		2	D0651S	Yes	4603708.08	700417.02	1712.0	06+51.09	-1.78	299.26	33.2	0.0	3.0	37.4	3.0	No Z1	1712.0	Z2 Complete
	Q		2	D0652Q	Yes	4603708.2	700417.33	1711.8	06+51.80	-2.59	299.26	36.2	0.0	2.1	39.5	2.1	No Z1	1711.8	Z2 Complete
4	T		2	D0652T	Yes	4603708.47	700417.58	1710.9	06+52.14	-3.76	299.26	38.9	0.5	3.3	41.2	3.3	No Z1	1710.6	Z2 Complete
	Q		2	D0653Q	Yes	4603708.58	700417.95	1710.95	06+53.04	-4.63	299.26	41.5	0.8	3.0	44.3	3.0	No Z1	1710.4	Z2 Complete
5	P	P	2	D0653PP	Yes	4603707.73	700417.70	1710.9	06+53.57	-1.77	299.26	43.9	1.0	3.0	46.9	3.0	No Z1	1710.2	Z2 Complete
	Q		2	D0654Q	Yes	4603707.87	700418.01	1710.8	06+54.28	-2.64	299.26	46.7	1.2	3.2	50.1	3.2	No Z1	1709.9	Z2 Complete
6	T		2	D0654T	Yes	4603708.12	700418.25	1710.4	06+54.61	-3.72	299.26	49.1	2.0	4.5	52.8	4.5	No Z1	1708.9	Z2 Complete
	Q		2	D0655Q	Yes	4603708.29	700418.61	1710.5	06+55.39	-4.77	299.26	51.6	2.7	5.2	56.5	5.2	No Z1	1708.4	Z2 Complete
7	S		2	D0655S	Yes	4603707.48	700418.13	1710.6	06+55.21	-1.67	299.26	53.8	2.0	4.5	60.2	4.5	No Z1	1709.0	Z2 Complete
	Q		2	D0656Q	Yes	4603707.66	700418.54	1710.35	06+56.15	-2.82	299.26	55.6	1.5	3.5	64.0	3.5	No Z1	1709.1	Z2 Complete
8	T		2	D0656T	Yes	4603707.92	700418.68	1710.2	06+56.18	-3.79	299.26	57.9	3.5	6.1	68.0	6.1	No Z1	1707.2	Z2 Complete
	Q		2	D0657Q	Yes	4603708.02	700419.09	1710.05	06+57.21	-4.69	299.26	59.2	4.5	6.9	72.8	6.9	No Z1	1706.2	Z2 Complete
9	P		2	D0658P	Yes	4603707.06	700418.94	1709.9	06+58.22	-1.68	299.26	60.3	5.0	7.0	77.6	7.0	No Z1	1705.6	Z2 Complete
	Q		2	D0659Q	Yes	4603707.26	700419.26	1709.9	06+58.84	-2.73	299.26	61.9	6.1	8.1	82.5	8.1	No Z1	1704.5	Z2 Complete
10	T		2	D0659T	Yes	4603707.39	700419.44	1709.6	06+59.18	-3.38	299.26	63.3	6.0	8.3	87.5	8.3	No Z1	1704.2	Z2 Complete
	Q		2	D0660Q	Yes	4603707.69	700419.72	1709.6	06+59.56	-4.67	299.26	64.7	6.6	9.9	93.1	9.9	No Z1	1703.6	Z2 Complete
11	S		2	D0660S	Yes	4603706.80	700419.42	1709.5	06+60.00	-1.62	299.26	66.0	7.0	9.5	99.0	9.5	24.5	1703.1	Z2 Complete
	Q		2	D0661Q	Yes	4603707.01	700419.77	1709.25	06+60.72	-2.76	299.26	67.2	6.5	8.4	105.1	8.4	23.5	1703.3	Z2 Complete
12	T		2	D0661T	Yes	4603707.16	700420.06	1709.1	06+61.33	-3.64	299.26	68.3	5.5	8.0	111.4	8.0	22.5	1704.0	Z2 Complete
	Q		2	D0662Q	Yes	4603707.37	700420.32	1709.0	06+61.79	-4.62	299.26	69.4	7.1	9.4	181.7	9.4	24.1	1702.4	Z2 Complete
13	P		2	D0662P	Yes	4603706.52	700419.99	1708.9	06+62.09	-1.66	299.26	70.3	6.0	8.3	125.4	8.3	23.3	1703.3	Z2 Complete
	Q		2	D0663Q	Yes	4603706.72	700420.3	1708.85	06+62.71	-2.7	299.26	71.2	5.5	7.6	129.3	7.6	22.5	1703.6	Z2 Complete
14	T		2	D0663T	Yes	4603706.91	700420.60	1708.5	06+63.28	-3.70	299.26	72.1	6.0	8.9	140.8	8.9	23.0	1702.8	Z2 Complete
	Q		2	D0665Q	Yes	4603706.45	700420.79	1708.4	06+64.52	-2.65	299.26	72.7	4.5	6.6	177.5	6.6	21.5	1704.1	Z2 Complete
15	S		2	D0665S	Yes	4603706.04	700420.89	1708.1	06+65.43	-1.60	299.26	73.2	4.5	7.0	157.6	7.0	22.0	1703.8	Z2 Complete
	Q		2	D0667Q	Yes	4603706.67	700421.70	1707.8	06+66.84	-4.65	299.26	73.6	4.9	8.7	175.5	8.7	21.9	1703.1	Z2 Complete
16	T		2	D0668T	Yes	4603706.23	700421.86	1707.5	06+67.99	-3.60	299.26	74.1	3.5	5.6	159.9	5.6	20.5	1704.1	Z2 Complete
	Q		2	D0669Q	Yes	4603705.52	700421.95	1707.3	06+69.29	-1.66	299.26	74.5	3.0	5.5	174.8	5.5	20.0	1704.4	Z2 Complete
17	P		2	D0670P	Yes	4603705.42	700422.14	1707.2	06+70.01	-1.66	299.26	75.0	4.5	7.0	160.5	7.0	22.3	1702.9	Z2 Complete
	QT		2	D0671QT	Yes	4603705.46	700422.70	1707.1	06+71.58	-2.61	299.26	75.0	4.0	6.3	174.0	6.3	21.0	1703.2	Z2 Complete
17	Q		2	D0673Q	Yes	4603705.01	700422.92	1706.65	06+72.89	-1.64	299.26	75.0	3.0	5.4	173.6	5.4	20.0	1703.8	Z2 Complete
	QT		2	D0674QT	Yes	4603705.59	700423.17	1706.7	06+72.77	-3.7	299.26	75.4	4.0	6.3	173.3	6.3	21.0	1702.8	Z2 Complete
18	T		2	D0675T	Yes	4603704.71	700423.53	1706.0	06+75.11	-1.67	299.26	75.0	3.0	5.6	160.8	5.6	20.0	1703.1	Z2 Complete
17	Q		2	D0678Q	Yes	4603704.35	700424.18	1706.0	06+77.56	-1.6	299.26	75.0	6.8	9.1	172.9	9.1	23.8	1699.4	Z2 Complete
19	S		2	D0680S	Yes	4603704.05	700424.86	1706.0	06+80.00	-1.74	299.26	75.0	8.0	11.6	162.2	11.6	26.9	1698.3	Z2 Complete
17	Q		2	D0683Q	Yes	4603703.72	700425.5	1706.0	06+82.35	-1.72	299.26	75.0	8.0	10.4	172.9	10.4	25.0	1698.3	Z2 Complete
20	T		2	D0685T	Yes	4603703.37	700426.19	1706.0	06+84.88	-1.72	299.26	75.0	9.0	12.1	163.8	12.1	26.0	1697.3	Z2 Complete
	QT		2	D0686QT	Yes	4603703.49	700426.63	1706.0	06+86.02	-2.72	299.26	75.0	9.5	13.6	172.9	13.6	26.5	1696.8	Z2 Complete
17	Q		2	D0688Q	Yes	4603702.99	700426.9	1706.0	06+87.54	-1.68	299.26	75.0	9.5	13.2	172.9	13.2	26.5	1696.8	Z2 Complete
	QT		2	D0689QT	Yes	4603703.1	700427.33	1706.0	06+88.64	-2.63	299.26	75.0	10.0	14.6	172.9	14.6	27.0	1696.3	Z2 Complete
21	P	P	2	D0690PP	Yes	4603702.62	700427.57	1706.0	06+90.04	-1.60	299.26	75.0	14.0	17.1	165.3	17.1	32.3	1692.5	Z2 Complete
17	Q		2	D0693Q	Yes	4603702.29	700428.24	1706.0	06+92.48	-1.63	299.26	75.0	12.3	15.0	172.9	15.0	29.3	1694.1	Z2 Complete
22	T		2	D0695T	Yes	4603701.96	700428.93	1706.0	06+95.00	-1.68	299.26	75.0	14.0	17.3	166.9	17.3	31.0	1692.5	Z2 Complete
17	Q		2	D0698Q	Yes	4603701.6	700429.58	1706.0	06+97.45	-1.62	299.26	75.0	14.0	16.1	172.9	16.1	31.0	1692.5	Z2 Complete
23	S		2	D0700S	Yes	4603701.26	700430.26	1706.0	06+99.95	-1.65	299.26	75.0	17.0	19.6	168.3	19.6	34.6	1689.6	Z2 Complete
17	Q		2	D0703Q	Yes	4603700.92	700430.93	1706.0	07+02.41	-1.65	299.26	75.0	17.0	19.0	172.9	19.0	34.0	1689.6	Z2 Complete
24	T		2	D0705T	Yes	4603700.60	700431.65	1706.0	07+04.97	-1.78	299.26	75.0	21.0	24.3	169.9	24.3	38.0	1685.7	Z2 Complete
17	Q		2	D0708Q	Yes	4603700.22	700432.33	1706.0	07+07.55	-1.71	299.26	75.0	22.0	24.0	172.9	24.0	39.0	1684.7	Z2 Complete
25	P		2	D0710P	Yes	4603699.87	700432.96	1706.0	07+09.88	-1.63	299.26	75.0	24.0	26.8	171.4	26.8	41.8	1682.8	Z2 Complete
26	T		2	D0715T	Yes	4603699.18	700434.33	1706.0	07+14.94	-1.65	299.26	75.0	27.5	30.0	173.0	30.0	44.5	1679.4	Z2 Complete