

Jobsite Name

Project ID: Customer Name
 Data File: SDF(196)Clean Header.cpt
 CPT Date: 1/25/2023 8:06:37 AM
 GW During Test: 10 ft

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 Sounding ID: CPT-01
 Project No: Jobsite Project Number
 Cone/Rig: DDG1589

Depth	qc	qc1n	qncs	qt	slv	pore	Frct	Mat	Material	Unit	Qc	SPT	SPT	SPT	Rel	Ftn	Und	OCR	Fin	D50	Ic	Nk
ft	PS	PS	PS	PS	Stss	prss	Ratio	Typ	Behavior	Wght	to	R-N1	R-N	1cN1	Den	Ang	Shr	tsf	mm	SBT	Indx	
	tsf			tsf	tsf	(psi)	%	Zon	Description	pcf	N	60%	60%	60%	%	deg						
0.33	2.2	3.5	-	2.2	0.1	0.5	5.2	3	silty CLAY to CLAY	115	1.5	2	1	2	-	-	0.2	9.9	95	0.005	3.51	15
0.49	2.6	4.2	-	2.6	0.1	-1.0	4.9	3	silty CLAY to CLAY	115	1.5	3	2	2	-	-	0.2	9.9	93	0.005	3.44	15
0.66	6.7	10.8	-	6.8	0.1	0.6	1.7	4	clay SILT to silty CLAY	115	2.0	5	3	3	-	-	0.5	9.9	48	0.070	2.84	15
0.82	11.3	18.1	50.7	11.3	0.1	-1.4	0.9	5	silty SAND to sandy SILT	120	3.0	6	4	4	11	45	-	-	31	0.200	2.51	16
0.98	8.8	14.1	-	8.8	0.1	-0.4	1.7	4	clay SILT to silty CLAY	115	2.0	7	4	4	-	-	0.6	9.9	42	0.070	2.74	15
1.15	9.7	15.6	-	9.8	0.2	4.4	2.1	4	clay SILT to silty CLAY	115	2.0	8	5	4	-	-	0.7	9.9	43	0.070	2.75	15
1.31	15.5	24.8	-	15.9	0.4	18.8	2.7	4	clay SILT to silty CLAY	115	2.0	12	8	7	-	-	1.1	9.9	38	0.070	2.65	15
1.48	22.6	36.2	95.6	22.9	0.5	18.2	2.2	5	silty SAND to sandy SILT	120	3.0	12	8	9	33	45	-	-	30	0.200	2.47	16
1.64	21.0	33.6	103.0	21.0	0.6	0.0	2.7	4	clay SILT to silty CLAY	115	2.0	17	10	8	-	-	1.5	9.9	33	0.070	2.56	15
1.80	32.9	52.8	126.4	33.0	0.9	2.1	2.8	4	clay SILT to silty CLAY	115	2.0	26	16	12	-	-	2.3	9.9	27	0.070	2.42	15
1.97	47.4	76.1	142.2	47.4	1.2	-0.2	2.5	5	silty SAND to sandy SILT	120	3.0	25	16	17	58	47	-	-	22	0.200	2.27	16
2.13	44.2	70.9	151.6	44.2	1.4	-1.4	3.1	5	silty SAND to sandy SILT	120	3.0	24	15	16	56	47	-	-	25	0.200	2.36	16
2.30	36.0	57.8	158.4	36.0	1.4	-0.6	3.9	4	clay SILT to silty CLAY	115	2.0	29	18	14	-	-	2.5	9.9	30	0.070	2.49	15
2.46	46.3	74.3	158.7	46.6	1.5	12.3	3.2	5	silty SAND to sandy SILT	120	3.0	25	15	17	57	46	-	-	25	0.200	2.35	16
2.62	53.0	85.0	168.0	53.1	1.7	1.8	3.1	5	silty SAND to sandy SILT	120	3.0	28	18	19	62	47	-	-	23	0.200	2.31	16
2.79	53.7	86.2	170.7	53.8	1.7	0.7	3.2	5	silty SAND to sandy SILT	120	3.0	29	18	19	62	46	-	-	23	0.200	2.31	16
2.95	47.4	76.1	174.4	47.4	1.8	1.1	3.7	4	clay SILT to silty CLAY	115	2.0	38	24	18	-	-	3.3	9.9	26	0.070	2.40	15
3.12	50.2	80.4	173.3	50.2	1.8	0.4	3.5	4	clay SILT to silty CLAY	115	2.0	40	25	18	-	-	3.5	9.9	25	0.070	2.36	15
3.28	40.2	64.5	160.9	40.3	1.5	1.4	3.7	4	clay SILT to silty CLAY	115	2.0	32	20	15	-	-	2.8	9.9	28	0.070	2.44	15
3.45	48.5	77.8	162.7	48.6	1.6	3.6	3.2	5	silty SAND to sandy SILT	120	3.0	26	16	18	59	45	-	-	24	0.200	2.34	16
3.61	62.3	100.0	165.1	62.4	1.6	1.0	2.6	5	silty SAND to sandy SILT	120	3.0	33	21	21	67	46	-	-	19	0.200	2.19	16
3.77	52.2	83.7	157.2	52.2	1.5	0.0	2.8	5	silty SAND to sandy SILT	120	3.0	28	17	18	61	45	-	-	22	0.200	2.28	16
3.94	33.3	53.3	162.0	33.3	1.4	-0.3	4.4	4	clay SILT to silty CLAY	115	2.0	27	17	13	-	-	2.3	9.9	33	0.070	2.55	15
4.10	20.5	37.7	-	23.5	1.5	-1.1	6.3	3	silty CLAY to CLAY	115	1.5	25	16	11	-	-	1.6	9.9	44	0.005	2.77	15
4.27	20.6	33.0	-	20.6	2.0	-0.2	9.8	3	silty CLAY to CLAY	115	1.5	22	14	10	-	-	1.4	9.9	55	0.005	2.95	15
4.43	53.6	85.9	200.4	53.6	2.3	1.3	4.3	4	clay SILT to silty CLAY	115	2.0	43	27	20	-	-	3.8	9.9	27	0.070	2.40	15
4.59	67.4	108.0	212.8	67.4	2.6	1.0	3.8	5	silty SAND to sandy SILT	120	3.0	36	22	24	70	45	-	-	23	0.200	2.31	16
4.76	59.7	95.8	202.6	59.8	2.3	1.5	3.9	4	clay SILT to silty CLAY	115	2.0	48	30	22	-	-	4.2	9.9	24	0.070	2.35	15
4.92	53.6	85.9	184.3	53.6	2.0	3.8	3.7	4	clay SILT to silty CLAY	115	2.0	43	27	20	-	-	3.8	9.9	25	0.070	2.36	15
5.09	58.2	93.3	166.2	58.3	1.6	5.8	2.8	5	silty SAND to sandy SILT	120	3.0	31	19	20	65	44	-	-	21	0.200	2.24	16
5.25	45.8	73.4	144.7	45.8	1.2	1.8	2.7	5	silty SAND to sandy SILT	120	3.0	24	15	16	57	43	-	-	23	0.200	2.31	16
5.41	33.3	53.4	126.9	33.3	0.9	0.2	2.8	5	silty SAND to sandy SILT	120	3.0	18	11	12	46	41	-	-	27	0.200	2.42	16
5.58	22.8	36.5	-	22.8	0.8	0.7	3.5	4	clay SILT to silty CLAY	115	2.0	18	11	9	-	-	1.6	9.9	36	0.070	2.60	15
5.74	19.3	30.9	-	19.4	0.7	3.8	3.5	4	clay SILT to silty CLAY	115	2.0	15	10	8	-	-	1.3	9.9	38	0.070	2.66	15
5.91	17.7	28.3	-	17.7	0.6	3.2	3.5	4	clay SILT to silty CLAY	115	2.0	14	9	8	-	-	1.2	9.9	40	0.070	2.69	15
6.07	15.5	24.9	-	15.6	0.6	3.0	3.6	4	clay SILT to silty CLAY	115	2.0	12	8	7	-	-	1.1	9.9	43	0.070	2.74	15
6.23	13.5	21.6	-	13.5	0.5	3.0	3.7	3	silty CLAY to CLAY	115	1.5	14	9	6	-	-	0.9	9.9	46	0.005	2.79	15
6.40	11.8	18.9	-	11.8	0.4	2.6	3.7	3	silty CLAY to CLAY	115	1.5	13	8	5	-	-	0.8	9.9	48	0.005	2.84	15
6.56	10.6	17.0	-	10.7	0.4	2.6	3.5	3	silty CLAY to CLAY	115	1.5	11	7	5	-	-	0.7	8.8	50	0.005	2.86	15
6.73	9.8	15.7	-	9.8	0.3	2.7	3.3	3	silty CLAY to CLAY	115	1.5	10	7	5	-	-	0.7	7.9	50	0.005	2.88	15
6.89	9.3	15.0	-	9.4	0.3	2.8	3.3	3	silty CLAY to CLAY	115	1.5	10	6	4	-	-	0.6	7.3	52	0.005	2.90	15
7.05	9.6	15.4	-	9.6	0.3	3.2	3.2	3	silty CLAY to CLAY	115	1.5	10	6	5	-	-	0.6	7.4	51	0.005	2.88	15
7.22	10.1	16.1	-	10.1	0.3	3.4	3.1	3	silty CLAY to CLAY	115	1.5	11	7	5	-	-	0.7	7.6	49	0.005	2.85	15
7.38	10.7	17.1	-	10.8	0.3	3.9	2.5	4	clay SILT to silty CLAY	115	2.0	9	5	5	-	-	0.7	7.9	45	0.070	2.78	15
7.55	10.4	16.6	-	10.4	0.2	4.1	2.2	4	clay SILT to silty CLAY	115	2.0	8	5	5	-	-	0.7	7.4	43	0.070	2.76	15
7.71	9.7	15.5	-	9.8	0.2	4.3	2.1	4	clay SILT to silty CLAY	115	2.0	8	5	4	-	-	0.7	6.8	44	0.070	2.76	15
7.87	9.1	14.5	-	9.2	0.2	4.6	2.2	4	clay SILT to silty CLAY	115	2.0	7	5	4	-	-	0.6	6.2	46	0.070	2.81	15
8.04	9.1	14.6	-	9.2	0.2	5.1	2.8	3	silty CLAY to CLAY	115	1.5	10	6	4	-	-	0.6	6.1	50	0.005	2.86	15
8.20	10.0	16.1	-	10.1	0.3	5.6	3.0	3	silty CLAY to CLAY	115	1.5	11	7	5	-	-	0.7	6.6	49	0.005	2.85	15
8.37	11.7	18.8	-	11.8	0.3	5.9	2.6	4	clay SILT to silty CLAY	115	2.0	9	6	5	-	-	0.8	7.6	43	0.070	2.75	15
8.53	13.1	21.0	-	13.2	0.4	5.8	2.8	4	clay SILT to silty CLAY	115	2.0	10	7	6	-	-	0.9	8.4	42	0.070	2.73	15
8.69	14.1	22.7	-	14.2	0.4	6.0	3.3	4	clay SILT to silty CLAY	115	2.0	11	7	6	-	-	1.0	8.9	43	0.070	2.75	15
8.86	15.7	25.2	-	15.9	0.5	6.3	3.6	4	clay SILT to silty CLAY	115	2.0	13	8	7	-	-	1.1	9.8	42	0.070	2.73	15
9.02	17.3	27.7	-	17.4	0.6	6.1	3.9	4	clay SILT to silty CLAY	115	2.0	14	9	8	-	-	1.2	9.9	42	0.070	2.73	15
9.19	19.6	31.4	-	19.7	0.7	5.7	3.9	4	clay SILT to silty CLAY	115	2.0	16	10	8	-	-	1.3	9.9	40	0.070	2.68	15
9.35	22.1	35.4	-	22.1	0.8	4.5	3.9	4	clay SILT to silty CLAY	115	2.0	18	11	9	-	-	1.5	9.9	38	0.070	2.65	15
9.51	25.6	38.1	125.3	25.6	0.9	3.3	3.5	4	clay SILT to silty CLAY	115	2.0	19	13	10	-	-	1.8	9.9	35	0.070	2.59	15
9.68	25.2	32.6	93.9	25.2	0.6	0.3	2.3	4	clay SILT to silty CLAY	115	2.0	16	13	8	-	-	1.7	9.9	32	0.070	2.52	15
9.84	23.4	34.0	108.0	23.4	0.7	-1.3	2.9	4	clay SILT to silty CLAY	115	2.0	17	12	9	-	-	1.6	9.9	34	0.070	2.58	15
10.01	23.4	33.8	-	23.3	0.7	-2.0	3.1	4	clay SILT to silty CLAY	115	2.0	17	12	9	-	-	1.6	9.9	35	0.070	2.60	15
10.17	26.0	33.2	101.6	26.0	0.7	-3.2	2.6	4	clay SILT to silty CLAY	115	2.0	17	13	8	-	-	1.8	9.9	33	0.070	2.55	15
10.34	26.7	33.9	97.0	26.6	0.6	-3.1	2.4	4	clay SILT to silty CLAY	115	2.0	17	13	8	-	-	1.8	9.9	32	0.070	2.52	15
10.50	28.6	36.2	97.0	28.5	0.6	-2.9	2.3	5	silty SAND to sandy SILT	120	3.0	12	10	9								

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Depth ft	qc PS tsf	* qc1n PS	qncs PS	* qt tsf	slv Stss	pore prss	Frct %	Mat Typ	* Material Behavior Description	Unit Wght pcf	Qc N	* SPT R-N1 60%	SPT R-N 60%	* SPT TcN1 60%	* Rel Den %	* Ftn Ang deg	Und Shr tsf	OCR -	Fin Ic %	* D50 mm	* Ic SBT Indx	* Nk -
15.58	100.3	113.0	117.8	100.4	0.5	3.8	0.5	6	clean SAND to silty SAND	125	5.0	23	20	20	71	42	-	-	6	0.350	1.71	16
15.75	106.1	119.1	122.2	106.1	0.5	3.9	0.5	6	clean SAND to silty SAND	125	5.0	24	21	21	73	42	-	-	6	0.350	1.68	16
15.91	113.2	126.7	128.2	113.3	0.6	4.0	0.5	6	clean SAND to silty SAND	125	5.0	25	23	22	75	43	-	-	5	0.350	1.66	16
16.08	119.8	133.6	133.6	119.9	0.6	4.1	0.5	6	clean SAND to silty SAND	125	5.0	27	24	23	77	43	-	-	5	0.350	1.64	16
16.24	128.5	142.8	142.8	128.6	0.6	4.2	0.5	6	clean SAND to silty SAND	125	5.0	29	26	24	79	43	-	-	5	0.350	1.61	16
16.40	132.2	146.4	146.4	132.3	0.7	4.2	0.5	6	clean SAND to silty SAND	125	5.0	29	26	25	80	43	-	-	5	0.350	1.60	16
16.57	133.2	147.1	147.1	133.3	0.6	4.2	0.5	6	clean SAND to silty SAND	125	5.0	29	27	25	80	43	-	-	5	0.350	1.59	16
16.73	133.7	147.1	147.1	133.8	0.6	4.3	0.5	6	clean SAND to silty SAND	125	5.0	29	27	25	80	43	-	-	5	0.350	1.59	16
16.90	137.5	150.8	150.8	137.6	0.7	4.3	0.5	6	clean SAND to silty SAND	125	5.0	30	27	25	81	43	-	-	5	0.350	1.58	16
17.06	140.9	154.0	154.0	141.0	0.7	4.3	0.5	6	clean SAND to silty SAND	125	5.0	31	28	26	81	43	-	-	5	0.350	1.56	16
17.23	140.8	153.4	153.4	140.9	0.6	4.4	0.5	6	clean SAND to silty SAND	125	5.0	31	28	26	81	43	-	-	5	0.350	1.56	16
17.39	137.4	149.2	149.2	137.5	0.6	4.4	0.5	6	clean SAND to silty SAND	125	5.0	30	27	25	80	43	-	-	5	0.350	1.58	16
17.55	139.7	151.2	151.2	139.8	0.7	4.5	0.5	6	clean SAND to silty SAND	125	5.0	30	28	26	81	43	-	-	5	0.350	1.58	16
17.72	146.7	158.3	158.3	146.8	0.7	4.6	0.5	6	clean SAND to silty SAND	125	5.0	32	29	27	82	44	-	-	5	0.350	1.56	16
17.88	150.2	161.6	161.6	150.3	0.7	4.6	0.5	6	clean SAND to silty SAND	125	5.0	32	30	27	83	44	-	-	5	0.350	1.56	16
18.05	156.7	168.1	168.1	156.8	0.8	4.7	0.5	6	clean SAND to silty SAND	125	5.0	34	31	28	84	44	-	-	5	0.350	1.56	16
18.21	162.3	173.5	173.5	162.4	0.9	4.8	0.5	6	clean SAND to silty SAND	125	5.0	35	32	29	85	44	-	-	5	0.350	1.56	16
18.37	158.4	168.8	168.8	158.5	0.8	4.8	0.5	6	clean SAND to silty SAND	125	5.0	34	32	28	84	44	-	-	5	0.350	1.54	16
18.54	153.9	163.5	163.5	153.9	0.7	4.8	0.5	6	clean SAND to silty SAND	125	5.0	33	31	27	83	44	-	-	5	0.350	1.55	16
18.70	156.4	165.7	165.7	156.5	0.8	4.8	0.5	6	clean SAND to silty SAND	125	5.0	33	31	28	84	44	-	-	5	0.350	1.56	16
18.87	162.4	171.5	171.5	162.5	0.8	4.7	0.5	6	clean SAND to silty SAND	125	5.0	34	32	29	85	44	-	-	5	0.350	1.54	16
19.03	174.8	184.1	184.1	174.9	0.9	4.8	0.5	6	clean SAND to silty SAND	125	5.0	37	35	31	87	44	-	-	5	0.350	1.52	16
19.19	186.6	195.8	195.8	186.6	0.9	4.9	0.5	6	clean SAND to silty SAND	125	5.0	39	37	32	89	44	-	-	5	0.350	1.49	16
19.36	199.1	208.4	208.4	199.2	1.0	5.0	0.5	6	clean SAND to silty SAND	125	5.0	42	40	34	91	45	-	-	5	0.350	1.47	16
19.52	209.5	218.6	218.6	209.6	1.1	5.1	0.5	6	clean SAND to silty SAND	125	5.0	44	42	36	93	45	-	-	5	0.350	1.47	16
19.69	217.6	226.3	226.3	217.7	1.0	5.2	0.5	6	clean SAND to silty SAND	125	5.0	45	44	37	94	45	-	-	5	0.350	1.44	16
19.85	221.1	229.3	229.3	221.2	1.1	5.2	0.5	6	clean SAND to silty SAND	125	5.0	46	44	37	94	45	-	-	5	0.350	1.45	16
20.01	219.5	227.1	227.1	219.6	1.2	5.3	0.6	6	clean SAND to silty SAND	125	5.0	45	44	37	94	45	-	-	5	0.350	1.47	16
20.18	231.1	238.4	238.4	231.2	1.3	4.2	0.6	6	clean SAND to silty SAND	125	5.0	48	46	39	95	45	-	-	5	0.350	1.47	16
20.34	225.8	232.2	232.2	225.9	1.4	4.4	0.6	6	clean SAND to silty SAND	125	5.0	46	45	38	95	45	-	-	5	0.350	1.51	16
20.51	209.0	214.3	214.3	209.1	1.4	4.5	0.7	6	clean SAND to silty SAND	125	5.0	43	42	36	92	45	-	-	5	0.350	1.55	16
20.67	197.6	202.1	202.1	197.7	1.3	4.4	0.7	6	clean SAND to silty SAND	125	5.0	40	40	34	90	44	-	-	5	0.350	1.57	16
20.83	194.3	198.1	198.1	194.3	1.2	4.5	0.6	6	clean SAND to silty SAND	125	5.0	40	39	33	90	44	-	-	5	0.350	1.56	16
21.00	187.8	190.9	190.9	187.9	1.2	4.7	0.6	6	clean SAND to silty SAND	125	5.0	38	38	32	88	44	-	-	5	0.350	1.58	16
21.16	200.3	203.1	203.1	200.4	1.2	4.8	0.6	6	clean SAND to silty SAND	125	5.0	41	40	34	90	44	-	-	5	0.350	1.54	16
21.33	218.7	221.1	221.1	218.7	1.3	5.0	0.6	6	clean SAND to silty SAND	125	5.0	44	44	36	93	45	-	-	5	0.350	1.50	16
21.49	233.5	235.4	235.4	233.6	1.6	5.2	0.7	6	clean SAND to silty SAND	125	5.0	47	47	39	95	45	-	-	5	0.350	1.52	16
21.65	259.6	261.0	261.0	259.7	1.8	5.5	0.7	6	clean SAND to silty SAND	125	5.0	52	52	43	95	46	-	-	5	0.350	1.50	16
21.82	278.5	279.3	279.3	278.7	2.1	5.7	0.7	6	clean SAND to silty SAND	125	5.0	56	56	46	95	46	-	-	5	0.350	1.50	16
21.98	286.5	286.5	286.5	286.7	2.2	6.1	0.8	6	clean SAND to silty SAND	125	5.0	57	57	47	95	46	-	-	5	0.350	1.50	16
22.15	288.6	287.8	287.8	288.7	2.2	6.0	0.8	6	clean SAND to silty SAND	125	5.0	58	58	47	95	46	-	-	5	0.350	1.50	16
22.31	285.4	283.8	283.8	285.5	2.3	5.9	0.8	6	clean SAND to silty SAND	125	5.0	57	57	47	95	46	-	-	5	0.350	1.52	16
22.47	280.4	278.1	278.1	280.5	2.1	5.9	0.8	6	clean SAND to silty SAND	125	5.0	56	56	46	95	46	-	-	5	0.350	1.51	16
22.64	274.3	271.3	271.3	274.4	2.4	6.1	0.9	6	clean SAND to silty SAND	125	5.0	54	55	46	95	46	-	-	5	0.350	1.56	16
22.80	263.9	260.4	260.4	264.0	2.4	6.1	0.9	6	clean SAND to silty SAND	125	5.0	52	53	44	95	45	-	-	5	0.350	1.58	16
22.97	251.3	247.2	247.2	251.4	2.5	5.9	1.0	6	clean SAND to silty SAND	125	5.0	49	50	43	95	45	-	-	5	0.350	1.63	16
23.13	249.5	244.9	244.9	249.6	2.5	6.0	1.0	6	clean SAND to silty SAND	125	5.0	49	50	42	95	45	-	-	5	0.350	1.64	16
23.30	244.4	239.3	240.2	244.6	2.5	6.0	1.0	6	clean SAND to silty SAND	125	5.0	48	49	41	95	45	-	-	5	0.350	1.65	16
23.46	243.8	238.0	237.2	243.9	2.4	6.1	1.0	6	clean SAND to silty SAND	125	5.0	48	49	41	95	45	-	-	5	0.350	1.64	16
23.62	244.2	237.8	237.8	244.3	2.3	6.2	0.9	6	clean SAND to silty SAND	125	5.0	48	49	41	95	45	-	-	5	0.350	1.62	16
23.79	239.7	232.8	232.8	239.8	2.1	6.2	0.9	6	clean SAND to silty SAND	125	5.0	47	48	40	95	45	-	-	5	0.350	1.60	16
23.95	238.0	230.6	230.6	238.1	1.8	6.0	0.8	6	clean SAND to silty SAND	125	5.0	46	48	39	95	45	-	-	5	0.350	1.57	16
24.12	235.8	227.9	227.9	235.9	1.8	5.9	0.8	6	clean SAND to silty SAND	125	5.0	46	47	38	94	45	-	-	5	0.350	1.57	16
24.28	223.2	215.2	215.2	223.6	1.7	5.9	0.8	6	clean SAND to silty SAND	125	5.0	43	45	36	92	44	-	-	5	0.350	1.59	16
24.44	226.5	217.7	217.7	226.7	1.7	6.0	0.7	6	clean SAND to silty SAND	125	5.0	44	45	37	93	45	-	-	5	0.350	1.57	16
24.61	250.8	240.5	240.5	250.9	1.9	5.6	0.8	6	clean SAND to silty SAND	125	5.0	48	50	40	95	45	-	-	5	0.350	1.56	16
24.77	271.1	259.4	259.4	271.2	2.4	2.1	0.9	6	clean SAND to silty SAND	125	5.0	52	54	44	95	45	-	-	5	0.350	1.58	16
24.94	274.3	261.7	261.7	274.3	2.6	1.8	0.9	6	clean SAND to silty SAND	125	5.0	52	55	44	95	45	-	-	5	0.350	1.59	16
25.10	252.7	240.6	240.6	252.8	2.3	3.2	0.9	6	clean SAND to silty SAND	125	5.0	48	51	41	95	45	-	-	5	0.350	1.61	16
25.26	235.6	223.7	223.7	235.6	2.1	3.3	0.9	6	clean SAND to silty SAND	125	5.0	45	47	38	94	45	-	-	5	0.350	1.62	16
25.43	239.8	227.2	227.2	239.9	2.1	3.0	0.9	6	clean SAND to silty SAND	125	5.0	45	48	39	94	45	-	-	5	0.350	1.61	16
25.59	239.1	226.0	226.8	239.2	2.3	3.2	1.0	6	clean SAND to silty SAND	125	5.0	45	48	39	94	45	-	-	5	0.350	1.65	

Jobsite Name

Project ID: Customer Name
 Data File: SDF(196)Clean Header.cpt
 CPT Date: 1/25/2023 8:06:37 AM
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 Sounding ID: CPT-01
 Project No: Jobsite Project Number
 Cone/Rig: DDG1589

Depth ft	qc PS tsf	* qc1n PS -	qncs PS -	* qt PS tsf	slv Stss	pore prss (psi)	Frct Rat %	Mat Typ Zon	* Material Behavior Description	Unit Wght pcf	Qc N	* SPT R-N1 60%	SPT R-N 60%	* SPT TcN1 60%	* Rel Den %	* Ftn Ang deg	Und Shr tsf	OCR -	Fin Ic %	* D50 mm	* Ic SBT Indx	* Nk -
31.01	176.0	154.4	165.7	176.1	1.6	6.7	0.9	6	clean SAND to silty SAND	125	5.0	31	35	28	81	42	-	-	7	0.350	1.75	16
31.17	174.1	152.4	160.4	174.2	1.4	6.7	0.8	6	clean SAND to silty SAND	125	5.0	30	35	27	81	42	-	-	7	0.350	1.72	16
31.33	161.9	141.4	151.8	162.0	1.4	6.8	0.8	6	clean SAND to silty SAND	125	5.0	28	32	25	78	42	-	-	7	0.350	1.75	16
31.50	145.5	126.8	140.4	145.6	1.3	6.7	0.9	6	clean SAND to silty SAND	125	5.0	25	29	23	75	41	-	-	8	0.350	1.80	16
31.66	133.8	116.4	131.7	134.0	1.2	7.1	0.9	6	clean SAND to silty SAND	125	5.0	23	27	21	72	41	-	-	9	0.350	1.83	16
31.83	131.4	114.1	129.9	131.5	1.2	7.1	0.9	6	clean SAND to silty SAND	125	5.0	23	26	21	71	41	-	-	9	0.350	1.84	16
31.99	126.7	109.8	120.2	126.9	1.2	7.2	0.9	6	clean SAND to silty SAND	125	5.0	22	25	21	70	41	-	-	10	0.350	1.87	16
32.15	131.3	113.5	137.2	131.4	1.2	7.3	0.9	6	clean SAND to silty SAND	125	5.0	23	26	21	71	41	-	-	9	0.350	1.85	16
32.32	140.3	121.1	136.3	140.5	1.3	7.4	0.9	6	clean SAND to silty SAND	125	5.0	24	28	22	73	41	-	-	9	0.350	1.83	16
32.48	138.8	119.5	135.7	138.9	1.3	7.5	0.9	6	clean SAND to silty SAND	125	5.0	24	28	22	73	41	-	-	9	0.350	1.84	16
32.65	136.0	116.9	134.1	136.1	1.3	7.5	1.0	6	clean SAND to silty SAND	125	5.0	23	27	22	72	41	-	-	9	0.350	1.85	16
32.81	140.5	120.5	136.8	140.7	1.3	7.6	0.9	6	clean SAND to silty SAND	125	5.0	24	28	22	73	41	-	-	9	0.350	1.84	16
32.97	151.4	129.6	144.0	151.6	1.4	7.7	0.9	6	clean SAND to silty SAND	125	5.0	26	30	24	76	41	-	-	8	0.350	1.81	16
33.14	169.5	144.8	156.8	169.7	1.5	8.0	0.9	6	clean SAND to silty SAND	125	5.0	29	34	26	79	42	-	-	7	0.350	1.77	16
33.30	186.9	159.3	168.1	187.0	1.6	8.2	0.9	6	clean SAND to silty SAND	125	5.0	32	37	28	82	42	-	-	7	0.350	1.73	16
33.47	202.1	171.9	178.4	202.2	1.8	8.4	0.9	6	clean SAND to silty SAND	125	5.0	34	40	30	85	43	-	-	6	0.350	1.70	16
33.63	208.6	177.2	184.2	208.8	1.9	8.6	0.9	6	clean SAND to silty SAND	125	5.0	35	42	31	86	43	-	-	6	0.350	1.70	16
33.79	218.8	185.5	192.0	219.0	1.9	8.6	0.9	6	clean SAND to silty SAND	125	5.0	37	44	32	87	43	-	-	6	0.350	1.68	16
33.96	214.1	181.1	188.0	214.3	2.0	8.9	0.9	6	clean SAND to silty SAND	125	5.0	36	43	32	87	43	-	-	6	0.350	1.70	16
34.12	205.2	173.3	180.4	205.4	1.8	8.8	0.9	6	clean SAND to silty SAND	125	5.0	35	41	31	85	43	-	-	6	0.350	1.70	16
34.29	201.4	169.7	174.6	201.6	1.6	8.7	0.8	6	clean SAND to silty SAND	125	5.0	34	40	30	84	43	-	-	6	0.350	1.69	16
34.45	194.1	163.2	163.2	194.2	1.3	8.6	0.7	6	clean SAND to silty SAND	125	5.0	33	39	28	83	42	-	-	5	0.350	1.63	16
34.61	192.5	161.6	161.6	192.6	1.1	8.6	0.6	6	clean SAND to silty SAND	125	5.0	32	38	28	83	42	-	-	5	0.350	1.61	16
34.78	187.6	157.1	157.1	187.7	1.0	8.7	0.5	6	clean SAND to silty SAND	125	5.0	31	38	27	82	42	-	-	5	0.350	1.59	16
34.94	180.8	151.2	151.2	181.0	1.1	8.8	0.6	6	clean SAND to silty SAND	125	5.0	30	36	26	81	42	-	-	5	0.350	1.64	16
35.11	173.6	144.9	150.0	173.7	1.2	5.7	0.7	6	clean SAND to silty SAND	125	5.0	29	35	25	79	42	-	-	6	0.350	1.70	16
35.27	155.4	129.4	140.8	155.5	1.3	5.7	0.8	6	clean SAND to silty SAND	125	5.0	26	31	23	76	41	-	-	8	0.350	1.77	16
35.43	139.7	116.2	129.7	139.9	1.1	6.0	0.8	6	clean SAND to silty SAND	125	5.0	23	28	21	72	41	-	-	8	0.350	1.81	16
35.60	131.1	108.8	123.0	131.2	1.1	6.2	0.8	6	clean SAND to silty SAND	125	5.0	22	26	20	70	40	-	-	9	0.350	1.83	16
35.76	126.6	104.9	119.9	126.7	1.0	6.6	0.8	6	clean SAND to silty SAND	125	5.0	21	25	19	69	40	-	-	9	0.350	1.85	16
35.93	130.1	107.6	116.5	130.3	0.8	7.0	0.6	6	clean SAND to silty SAND	125	5.0	22	26	19	69	40	-	-	7	0.350	1.77	16
36.09	145.2	119.8	128.3	145.3	1.0	7.6	0.7	6	clean SAND to silty SAND	125	5.0	24	29	21	73	41	-	-	7	0.350	1.75	16
36.26	165.3	136.2	144.9	165.4	1.3	7.5	0.8	6	clean SAND to silty SAND	125	5.0	27	33	24	77	41	-	-	7	0.350	1.74	16
36.42	183.8	151.1	161.0	184.0	1.6	8.2	0.9	6	clean SAND to silty SAND	125	5.0	30	37	27	81	42	-	-	7	0.350	1.74	16
36.58	194.0	159.2	172.5	194.2	1.9	8.6	1.0	6	clean SAND to silty SAND	125	5.0	32	39	29	82	42	-	-	7	0.350	1.77	16
36.75	195.6	160.3	176.7	195.8	2.2	9.2	1.1	6	clean SAND to silty SAND	125	5.0	32	39	29	83	42	-	-	8	0.350	1.79	16
36.91	201.3	164.6	180.6	201.5	2.2	9.5	1.1	6	clean SAND to silty SAND	125	5.0	33	40	30	83	42	-	-	8	0.350	1.79	16
37.08	207.2	169.1	185.4	207.4	2.3	9.7	1.1	6	clean SAND to silty SAND	125	5.0	34	41	31	84	42	-	-	8	0.350	1.79	16
37.24	217.4	177.1	192.1	217.5	2.4	9.9	1.1	6	clean SAND to silty SAND	125	5.0	35	43	32	86	43	-	-	7	0.350	1.77	16
37.40	226.4	184.1	199.0	226.6	2.6	10.1	1.2	6	clean SAND to silty SAND	125	5.0	37	45	33	87	43	-	-	7	0.350	1.76	16
37.57	223.7	181.6	197.6	223.9	2.6	10.3	1.2	6	clean SAND to silty SAND	125	5.0	36	45	33	87	43	-	-	8	0.350	1.77	16
37.73	219.6	177.9	193.3	219.8	2.5	10.1	1.1	6	clean SAND to silty SAND	125	5.0	36	44	32	86	43	-	-	8	0.350	1.77	16
37.90	206.9	167.4	184.1	207.1	2.4	10.1	1.2	6	clean SAND to silty SAND	125	5.0	33	41	30	84	42	-	-	8	0.350	1.79	16
38.06	196.6	158.8	175.9	196.8	2.2	10.0	1.1	6	clean SAND to silty SAND	125	5.0	32	39	29	82	42	-	-	8	0.350	1.80	16
38.22	189.3	152.6	172.7	189.5	2.3	10.2	1.2	6	clean SAND to silty SAND	125	5.0	31	38	28	81	42	-	-	9	0.350	1.83	16
38.39	192.6	154.9	175.0	192.8	2.3	10.3	1.2	6	clean SAND to silty SAND	125	5.0	31	39	29	81	42	-	-	9	0.350	1.83	16
38.55	197.5	158.6	180.1	197.7	2.5	10.6	1.3	6	clean SAND to silty SAND	125	5.0	32	39	29	82	42	-	-	9	0.350	1.84	16
38.72	185.9	149.0	176.3	186.1	2.6	10.9	1.4	6	clean SAND to silty SAND	125	5.0	30	37	28	80	42	-	-	10	0.350	1.89	16
38.88	190.0	152.1	182.2	190.2	2.9	11.3	1.5	6	clean SAND to silty SAND	125	5.0	30	38	29	81	42	-	-	11	0.350	1.91	16
39.04	179.1	143.1	170.4	179.3	2.5	11.5	1.4	6	clean SAND to silty SAND	125	5.0	29	36	27	79	42	-	-	10	0.350	1.90	16
39.21	168.4	134.4	157.5	168.7	2.1	11.3	1.2	6	clean SAND to silty SAND	125	5.0	27	34	25	77	41	-	-	10	0.350	1.88	16
39.37	171.2	136.3	153.6	171.3	1.8	7.0	1.0	6	clean SAND to silty SAND	125	5.0	27	34	25	77	41	-	-	9	0.350	1.83	16
39.54	172.0	136.7	153.3	172.0	1.7	3.4	1.0	6	clean SAND to silty SAND	125	5.0	27	34	25	77	41	-	-	9	0.350	1.82	16
39.70	180.4	143.2	154.8	180.5	1.6	4.1	0.9	6	clean SAND to silty SAND	125	5.0	29	36	26	79	41	-	-	7	0.350	1.76	16
39.86	186.5	147.8	157.6	186.6	1.6	4.5	0.9	6	clean SAND to silty SAND	125	5.0	30	37	26	80	42	-	-	7	0.350	1.74	16
40.03	189.0	149.5	156.7	189.1	1.5	5.0	0.8	6	clean SAND to silty SAND	125	5.0	30	38	26	80	42	-	-	6	0.350	1.72	16
40.19	187.1	147.7	154.1	187.3	1.4	8.2	0.8	6	clean SAND to silty SAND	125	5.0	30	37	26	80	42	-	-	6	0.350	1.71	16
40.36	180.2	142.0	149.4	180.3	1.3	8.5	0.8	6	clean SAND to silty SAND	125	5.0	28	36	25	79	41	-	-	7	0.350	1.72	16
40.52	164.0	129.1	138.6	164.2	1.2	8.7	0.8	6	clean SAND to silty SAND	125	5.0	26	33	23	75	41	-	-	7	0.350	1.75	16
40.68	142.3	111.8	123.1	142.4	1.0	8.8	0.7	6	clean SAND to silty SAND	125	5.0	22	28	20	71	40	-	-	8	0.350	1.79	16
40.85	124.5	97.6	111.1	124.6	0.9	9.1	0.7	6	clean SAND to silty SAND	125	5.0	20	25	18	66	39	-	-	9	0.350	1.84	16
41.01	118.0	92.4	109.4	118																		

Jobsite Name

Project ID: Customer Name
 Data File: SDF(196)Clean Header.cpt
 CPT Date: 1/25/2023 8:06:37 AM
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 Sounding ID: CPT-01
 Project No: Jobsite Project Number
 Cone/Rig: DDG1589

Depth ft	qc PS tsf	* qc1n PS	qncs PS	* qt PS	slv Stss	pore prss	Frct Rto	* Mat Typ	* Material Behavior Description	Unit Wght pcf	Qc N	* SPT R-N1 60%	SPT R-N 60%	* SPT TcN1 60%	* Rel Den	* Ftn Ang	Und Shr tsf	OCR -	* Fin Ic	* D50 mm	* Ic SBT	* Nk Indx
46.43	298.5	221.9	221.9	298.8	2.3	13.3	0.8	6	clean SAND to silty SAND	125	5.0	44	60	38	93	43	-	-	5	0.350	1.58	16
46.59	303.1	225.0	225.0	303.4	2.1	13.2	0.7	6	clean SAND to silty SAND	125	5.0	45	61	38	94	43	-	-	5	0.350	1.55	16
46.75	305.8	226.6	226.6	306.0	2.2	13.5	0.7	6	clean SAND to silty SAND	125	5.0	45	61	38	94	43	-	-	5	0.350	1.55	16
46.92	307.6	227.6	227.6	307.9	2.2	14.0	0.7	6	clean SAND to silty SAND	125	5.0	46	62	38	94	43	-	-	5	0.350	1.56	16
47.08	304.7	225.1	225.1	305.0	2.2	14.3	0.7	6	clean SAND to silty SAND	125	5.0	45	61	38	94	43	-	-	5	0.350	1.56	16
47.25	304.5	224.6	224.6	304.8	2.5	15.6	0.8	6	clean SAND to silty SAND	125	5.0	45	61	38	94	43	-	-	5	0.350	1.60	16
47.41	309.8	228.2	228.2	310.1	2.5	15.8	0.8	6	clean SAND to silty SAND	125	5.0	46	62	39	94	43	-	-	5	0.350	1.59	16
47.57	305.7	224.9	224.9	306.0	2.4	14.6	0.8	6	clean SAND to silty SAND	125	5.0	45	61	38	94	43	-	-	5	0.350	1.59	16
47.74	307.3	225.7	225.7	307.6	2.3	14.8	0.8	6	clean SAND to silty SAND	125	5.0	45	61	38	94	43	-	-	5	0.350	1.57	16
47.90	304.4	223.3	223.3	304.7	2.2	14.4	0.7	6	clean SAND to silty SAND	125	5.0	45	61	38	94	43	-	-	5	0.350	1.57	16
48.07	294.5	215.7	215.7	294.8	2.2	14.3	0.7	6	clean SAND to silty SAND	125	5.0	43	59	36	92	43	-	-	5	0.350	1.58	16
48.23	277.3	202.8	202.8	277.6	2.0	14.4	0.7	6	clean SAND to silty SAND	125	5.0	41	55	34	90	43	-	-	5	0.350	1.59	16
48.39	276.9	202.2	202.2	277.2	1.8	14.7	0.7	6	clean SAND to silty SAND	125	5.0	40	55	34	90	43	-	-	5	0.350	1.57	16
48.56	281.0	204.9	204.9	281.3	1.7	14.7	0.6	6	clean SAND to silty SAND	125	5.0	41	56	34	91	43	-	-	5	0.350	1.54	16
48.72	282.4	205.6	205.6	282.6	1.5	14.8	0.6	6	clean SAND to silty SAND	125	5.0	41	56	34	91	43	-	-	5	0.350	1.51	16
48.89	277.8	202.0	202.0	278.1	1.2	14.9	0.4	6	clean SAND to silty SAND	125	5.0	40	56	33	90	43	-	-	5	0.350	1.45	16
49.05	276.8	201.0	201.0	277.1	0.8	14.0	0.3	6	clean SAND to silty SAND	125	5.0	40	55	32	90	43	-	-	5	0.350	1.35	16
49.22	299.0	216.8	216.8	299.2	0.7	9.4	0.2	7	grvly SAND to dense SAND	130	6.0	36	50	33	93	43	-	-	5	1.000	1.27	16
49.38	304.6	220.4	220.4	304.6	0.7	2.7	0.2	7	grvly SAND to dense SAND	130	6.0	37	51	34	93	43	-	-	5	1.000	1.27	16
49.54	306.6	221.6	221.6	306.6	0.8	-0.5	0.3	7	grvly SAND to dense SAND	130	6.0	37	51	34	93	43	-	-	5	1.000	1.30	16
49.71	298.8	215.6	215.6	298.8	1.1	-1.3	0.4	6	clean SAND to silty SAND	125	5.0	43	60	34	92	43	-	-	5	0.350	1.39	16
49.87	295.4	212.8	212.8	295.3	1.3	-0.2	0.5	6	clean SAND to silty SAND	125	5.0	43	59	34	92	43	-	-	5	0.350	1.44	16
50.04	282.6	203.4	203.4	282.7	1.4	2.1	0.5	6	clean SAND to silty SAND	125	5.0	41	57	33	90	43	-	-	5	0.350	1.49	16
50.20	254.9	183.1	183.1	255.1	1.3	10.1	0.5	6	clean SAND to silty SAND	125	5.0	37	51	30	87	42	-	-	5	0.350	1.53	16
50.36	246.7	177.0	177.0	246.9	1.2	10.0	0.5	6	clean SAND to silty SAND	125	5.0	35	49	29	86	42	-	-	5	0.350	1.53	16
50.53	235.3	168.6	168.6	235.5	1.2	10.0	0.5	6	clean SAND to silty SAND	125	5.0	34	47	28	84	42	-	-	5	0.350	1.56	16
50.69	238.5	170.6	170.6	238.7	1.7	9.7	0.7	6	clean SAND to silty SAND	125	5.0	34	48	29	85	42	-	-	5	0.350	1.64	16
50.86	205.3	146.7	146.7	205.5	2.3	9.9	1.2	6	clean SAND to silty SAND	125	5.0	29	41	27	80	41	-	-	9	0.350	1.83	16
51.02	125.8	89.7	89.7	126.0	2.0	10.5	1.6	5	silty SAND to sandy SILT	120	3.0	30	42	18	63	38	-	-	16	0.200	2.09	16
51.18	73.0	52.0	52.0	73.3	1.6	15.5	2.3	5	silty SAND to sandy SILT	120	3.0	17	24	12	45	35	-	-	25	0.200	2.37	16
51.35	48.8	26.2	-	49.6	1.2	44.6	2.5	4	clay SILT to silty CLAY	115	2.0	13	24	7	-	-	3.3	8.1	37	0.070	2.64	15
51.51	38.7	20.7	-	40.0	0.9	66.4	2.5	4	clay SILT to silty CLAY	115	2.0	10	19	6	-	-	2.6	6.3	42	0.070	2.73	15
51.68	36.9	19.7	-	38.1	1.0	60.2	3.1	4	clay SILT to silty CLAY	115	2.0	10	18	6	-	-	2.5	5.9	46	0.070	2.80	15
51.84	38.3	20.4	-	39.4	1.0	59.3	2.8	4	clay SILT to silty CLAY	115	2.0	10	19	6	-	-	2.6	6.2	44	0.070	2.76	15
52.00	41.8	22.2	-	42.8	1.0	51.8	2.6	4	clay SILT to silty CLAY	115	2.0	11	21	6	-	-	2.8	6.8	41	0.070	2.70	15
52.17	45.5	24.1	-	46.6	1.0	59.1	2.3	4	clay SILT to silty CLAY	115	2.0	12	23	6	-	-	3.1	7.4	38	0.070	2.64	15
52.33	46.6	24.7	-	47.8	1.0	62.8	2.2	4	clay SILT to silty CLAY	115	2.0	12	23	6	-	-	3.2	7.6	37	0.070	2.63	15
52.50	48.2	25.5	-	49.4	1.0	61.1	2.2	4	clay SILT to silty CLAY	115	2.0	13	24	7	-	-	3.3	7.8	36	0.070	2.62	15
52.66	50.5	35.6	96.4	52.0	1.0	72.2	2.1	5	silty SAND to sandy SILT	120	3.0	12	17	9	33	33	-	-	30	0.200	2.49	16
52.82	51.6	36.3	97.4	53.3	1.0	86.0	2.1	5	silty SAND to sandy SILT	120	3.0	12	17	9	34	33	-	-	30	0.200	2.48	16
52.99	51.4	27.0	-	53.3	1.2	97.6	2.5	4	clay SILT to silty CLAY	115	2.0	13	26	7	-	-	3.5	8.3	37	0.070	2.63	15
53.15	51.7	27.1	-	53.5	1.3	91.9	2.7	4	clay SILT to silty CLAY	115	2.0	14	26	7	-	-	3.5	8.4	37	0.070	2.64	15
53.32	47.5	24.8	-	48.8	1.3	70.1	2.9	4	clay SILT to silty CLAY	115	2.0	12	24	7	-	-	3.2	7.6	40	0.070	2.70	15
53.48	41.2	21.5	-	42.5	1.2	65.5	3.1	4	clay SILT to silty CLAY	115	2.0	11	21	6	-	-	2.8	6.5	44	0.070	2.77	15
53.64	36.9	19.2	-	38.1	1.0	61.4	3.1	4	clay SILT to silty CLAY	115	2.0	10	18	5	-	-	2.5	5.8	47	0.070	2.81	15
53.81	33.4	17.3	-	34.6	0.9	62.1	3.0	3	silty CLAY to CLAY	115	1.5	12	22	5	-	-	2.2	5.2	48	0.005	2.84	15
53.97	31.3	16.2	-	32.5	1.0	62.5	3.7	3	silty CLAY to CLAY	115	1.5	11	21	5	-	-	2.1	4.8	53	0.005	2.92	15
54.14	30.1	15.6	-	31.3	1.0	60.2	3.6	3	silty CLAY to CLAY	115	1.5	10	20	5	-	-	2.0	4.6	54	0.005	2.93	15
54.30	30.0	15.4	-	31.0	0.9	51.8	3.6	3	silty CLAY to CLAY	115	1.5	10	20	5	-	-	2.0	4.5	54	0.005	2.93	15
54.46	30.1	15.5	-	31.1	0.9	51.5	3.3	3	silty CLAY to CLAY	115	1.5	10	20	5	-	-	2.0	4.5	53	0.005	2.91	15
54.63	30.4	15.6	-	31.6	1.1	63.3	4.0	3	silty CLAY to CLAY	115	1.5	10	20	5	-	-	2.0	4.6	56	0.005	2.96	15
54.79	32.9	16.8	-	34.2	1.0	64.9	3.5	3	silty CLAY to CLAY	115	1.5	11	22	5	-	-	2.2	5.0	52	0.005	2.89	15
54.96	36.2	18.5	-	37.4	1.3	57.7	3.9	3	silty CLAY to CLAY	115	1.5	12	24	6	-	-	2.4	5.5	51	0.005	2.88	15
55.12	33.2	16.9	-	34.2	1.5	50.6	5.0	3	silty CLAY to CLAY	115	1.5	11	22	5	-	-	2.2	5.0	58	0.005	2.99	15
55.28	41.9	21.3	-	43.4	2.0	75.2	5.2	3	silty CLAY to CLAY	115	1.5	14	28	6	-	-	2.8	6.5	53	0.005	2.91	15
55.45	54.8	27.8	-	56.1	2.8	63.1	5.4	3	silty CLAY to CLAY	115	1.5	19	37	8	-	-	3.7	8.6	48	0.005	2.83	15
55.61	61.5	31.1	-	62.4	3.0	47.7	5.1	3	silty CLAY to CLAY	115	1.5	21	41	9	-	-	4.2	9.7	45	0.005	2.78	15
55.78	63.0	31.8	-	63.3	2.8	17.8	4.7	3	silty CLAY to CLAY	115	1.5	21	42	9	-	-	4.3	9.9	43	0.005	2.74	15
55.94	57.4	29.0	-	57.8	2.1	19.9	3.8	4	clay SILT to silty CLAY	115	2.0	14	29	8	-	-	3.9	9.0	42	0.070	2.72	15
56.11	47.6	23.9	-	48.0	1.5	18.7	3.4	4	clay SILT to silty CLAY	115	2.0	12	24	7	-	-	3.2	7.3	43	0.070	2.75	15
56.27	34.0	17.1	-	34.4	0.6	21.6	2.1	4	clay SILT to silty CLAY	115	2.0	9	17	5	-	-	2.3	5.1	43	0.070	2.75	15
56.43	27.7	13.8	-	28.2	0.6	29.8	2.5	3	silty CLAY to CLAY	115	1.5	9	18	4	-	-	1.8	4.0	51</			

Jobsite Name

Project ID: Customer Name
 Data File: SDF(196)Clean Header.cpt
 CPT Date: 1/25/2023 8:06:37 AM
 GW During Test: 10 ft

Page: 5
 Sounding ID: CPT-01
 Project No: Jobsite Project Number
 Cone/Rig: DDG1589

Depth ft	qc PS tsf	* qc1n PS	qncs PS	* qt tsf	slv PT	pore prss	Frct %	Mat Typ	* Material Behavior Description	Unit Wght pcf	Qc N	* SPT R-N1 60%	SPT R-N 60%	* SPT R-N1 60%	* Rel Den %	* Ftn Ang deg	Und Shr tsf	OCR -	* Fin Ic %	* D50 mm	* Ic SBT Indx	* Nk -						
																							2.5	-3.8	1.5	6	clean	SAND
62.01	198.9	131.7	149.6	198.9	2.0	-3.9	1.0	6	clean	SAND	to	silty	SAND	125	5.0	26	40	24	76	40	-	-	9	0.350	1.84	16		
62.17	209.0	138.2	154.1	208.9	2.1	-3.9	1.0	6	clean	SAND	to	silty	SAND	125	5.0	28	42	25	78	40	-	-	8	0.350	1.81	16		
62.34	214.6	141.8	156.8	214.6	2.1	-3.8	1.0	6	clean	SAND	to	silty	SAND	125	5.0	28	43	26	79	40	-	-	8	0.350	1.80	16		
62.50	217.5	143.5	158.2	217.5	2.1	-2.3	1.0	6	clean	SAND	to	silty	SAND	125	5.0	29	44	26	79	41	-	-	8	0.350	1.79	16		
62.67	221.9	146.2	160.9	221.9	2.2	-2.3	1.0	6	clean	SAND	to	silty	SAND	125	5.0	29	44	27	80	41	-	-	8	0.350	1.79	16		
62.83	223.5	147.1	161.4	223.4	2.2	-2.2	1.0	6	clean	SAND	to	silty	SAND	125	5.0	29	45	27	80	41	-	-	8	0.350	1.79	16		
63.00	228.1	150.0	163.0	228.1	2.2	-2.3	1.0	6	clean	SAND	to	silty	SAND	125	5.0	30	46	27	80	41	-	-	8	0.350	1.77	16		
63.16	237.4	155.9	166.4	237.3	2.1	-2.4	0.9	6	clean	SAND	to	silty	SAND	125	5.0	31	47	28	82	41	-	-	7	0.350	1.74	16		
63.32	246.8	161.9	170.8	246.8	2.2	-2.7	0.9	6	clean	SAND	to	silty	SAND	125	5.0	32	49	29	83	41	-	-	7	0.350	1.73	16		
63.49	260.4	170.6	176.5	260.3	2.2	-3.2	0.9	6	clean	SAND	to	silty	SAND	125	5.0	34	52	30	85	41	-	-	6	0.350	1.69	16		
63.65	266.8	174.6	178.9	266.7	2.2	-3.7	0.8	6	clean	SAND	to	silty	SAND	125	5.0	35	53	31	85	42	-	-	6	0.350	1.68	16		
63.82	265.4	173.5	178.0	265.3	2.2	-4.0	0.8	6	clean	SAND	to	silty	SAND	125	5.0	35	53	30	85	41	-	-	6	0.350	1.68	16		
63.98	250.5	163.6	169.9	250.5	2.0	-4.2	0.8	6	clean	SAND	to	silty	SAND	125	5.0	33	50	29	83	41	-	-	6	0.350	1.70	16		
64.14	236.0	153.9	162.9	236.0	2.0	-4.5	0.9	6	clean	SAND	to	silty	SAND	125	5.0	31	47	27	81	41	-	-	7	0.350	1.73	16		
64.31	219.1	142.7	156.3	219.0	2.0	-4.5	0.9	6	clean	SAND	to	silty	SAND	125	5.0	29	44	26	79	40	-	-	8	0.350	1.78	16		
64.47	206.1	134.1	150.9	206.0	2.1	-4.4	1.0	6	clean	SAND	to	silty	SAND	125	5.0	27	41	25	77	40	-	-	9	0.350	1.83	16		
64.64	202.8	131.8	144.6	202.7	1.7	-4.4	0.9	6	clean	SAND	to	silty	SAND	125	5.0	26	41	24	76	40	-	-	8	0.350	1.79	16		
64.80	209.2	135.8	148.8	209.1	1.8	-4.9	0.9	6	clean	SAND	to	silty	SAND	125	5.0	27	42	25	77	40	-	-	8	0.350	1.78	16		
64.96	215.0	139.4	151.4	214.9	1.9	-5.2	0.9	6	clean	SAND	to	silty	SAND	125	5.0	28	43	25	78	40	-	-	8	0.350	1.77	16		
65.13	226.5	146.7	156.1	226.5	1.9	-1.4	0.8	6	clean	SAND	to	silty	SAND	125	5.0	29	45	26	80	41	-	-	7	0.350	1.74	16		
65.29	236.1	152.7	161.2	236.1	1.9	-1.6	0.8	6	clean	SAND	to	silty	SAND	125	5.0	31	47	27	81	41	-	-	7	0.350	1.73	16		
65.46	234.4	151.5	161.1	234.4	2.0	-3.0	0.9	6	clean	SAND	to	silty	SAND	125	5.0	30	47	27	81	41	-	-	7	0.350	1.74	16		
65.62	228.8	147.7	159.1	228.7	2.0	-3.4	0.9	6	clean	SAND	to	silty	SAND	125	5.0	30	46	27	80	41	-	-	7	0.350	1.76	16		
65.78	224.5	144.7	157.1	224.4	2.0	-3.5	0.9	6	clean	SAND	to	silty	SAND	125	5.0	29	45	26	79	40	-	-	8	0.350	1.77	16		
65.95	219.1	141.1	152.9	219.0	1.9	-3.4	0.9	6	clean	SAND	to	silty	SAND	125	5.0	28	44	25	78	40	-	-	7	0.350	1.77	16		
66.11	218.1	140.3	153.4	218.1	2.0	-3.2	0.9	6	clean	SAND	to	silty	SAND	125	5.0	28	44	25	78	40	-	-	8	0.350	1.78	16		
66.28	219.9	141.3	153.7	219.8	2.0	-3.0	0.9	6	clean	SAND	to	silty	SAND	125	5.0	28	44	26	78	40	-	-	8	0.350	1.77	16		
66.44	224.1	143.8	158.7	224.1	2.2	-1.8	1.0	6	clean	SAND	to	silty	SAND	125	5.0	29	45	26	79	40	-	-	8	0.350	1.79	16		
66.60	221.2	141.8	163.5	221.1	2.6	-1.8	1.2	6	clean	SAND	to	silty	SAND	125	5.0	28	44	26	79	40	-	-	9	0.350	1.86	16		
66.77	200.1	128.1	158.2	200.0	2.8	-1.8	1.4	6	clean	SAND	to	silty	SAND	125	5.0	26	40	25	75	40	-	-	12	0.350	1.95	16		
66.93	117.3	75.0	136.9	117.3	2.6	-0.8	2.3	5	silty	SAND	to	sandy	SILT	120	3.0	25	39	16	58	37	-	-	21	0.200	2.26	16		
67.10	55.2	23.9	-	55.2	2.1	-0.6	4.2	3	silty	CLAY	to	CLAY	CLAY	115	1.5	16	37	7	-	-	-	-	3.7	7.3	47	0.005	2.81	15
67.26	37.9	16.4	-	38.0	1.4	1.1	4.0	3	silty	CLAY	to	CLAY	CLAY	115	1.5	11	25	5	-	-	-	-	2.5	4.8	55	0.005	2.94	15
67.42	36.3	15.6	-	36.3	1.3	3.2	4.1	3	silty	CLAY	to	CLAY	CLAY	115	1.5	10	24	5	-	-	-	-	2.4	4.6	56	0.005	2.96	15
67.59	29.7	12.8	-	29.7	1.6	2.9	6.2	3	silty	CLAY	to	CLAY	CLAY	115	1.5	9	20	5	-	-	-	-	1.9	3.6	69	0.005	3.15	15
67.75	35.4	15.2	-	35.5	1.8	3.9	5.8	3	silty	CLAY	to	CLAY	CLAY	115	1.5	10	24	5	-	-	-	-	2.3	4.4	63	0.005	3.07	15
67.92	43.8	18.8	-	44.0	1.7	6.8	4.2	3	silty	CLAY	to	CLAY	CLAY	115	1.5	13	29	6	-	-	-	-	2.9	5.6	52	0.005	2.90	15
68.08	40.1	17.2	-	40.2	1.6	6.3	4.4	3	silty	CLAY	to	CLAY	CLAY	115	1.5	11	27	5	-	-	-	-	2.7	5.1	55	0.005	2.95	15
68.24	30.9	13.2	-	31.0	1.3	6.6	4.9	3	silty	CLAY	to	CLAY	CLAY	115	1.5	9	21	4	-	-	-	-	2.0	3.8	64	0.005	3.08	15
68.41	29.8	12.7	-	29.9	1.2	7.5	4.7	3	silty	CLAY	to	CLAY	CLAY	115	1.5	8	20	4	-	-	-	-	1.9	3.6	64	0.005	3.08	15
68.57	31.5	13.4	-	31.7	1.3	9.7	4.7	3	silty	CLAY	to	CLAY	CLAY	115	1.5	9	21	4	-	-	-	-	2.1	3.8	63	0.005	3.06	15
68.74	26.6	11.3	-	26.8	1.6	11.1	7.2	3	silty	CLAY	to	CLAY	CLAY	115	1.5	8	18	4	-	-	-	-	1.7	3.1	76	0.005	3.24	15
68.90	33.7	14.3	-	33.9	1.8	12.8	6.1	3	silty	CLAY	to	CLAY	CLAY	115	1.5	10	22	5	-	-	-	-	2.2	4.1	66	0.005	3.11	15
69.07	48.5	20.5	-	48.7	1.9	11.9	4.4	3	silty	CLAY	to	CLAY	CLAY	115	1.5	14	32	6	-	-	-	-	3.3	6.2	51	0.005	2.88	15
69.23	56.7	24.0	-	56.9	2.2	11.1	4.3	3	silty	CLAY	to	CLAY	CLAY	115	1.5	16	38	7	-	-	-	-	3.8	7.3	47	0.005	2.82	15
69.39	60.5	25.5	-	60.7	2.1	10.1	3.8	4	clay	SILT	to	silty	CLAY	115	2.0	13	30	7	-	-	-	-	4.1	7.8	44	0.070	2.76	15
69.56	67.6	28.5	-	67.8	2.0	7.7	3.2	4	clay	SILT	to	silty	CLAY	115	2.0	14	34	8	-	-	-	-	4.6	8.8	39	0.070	2.68	15
69.72	64.8	27.2	-	64.8	2.0	2.7	3.3	4	clay	SILT	to	silty	CLAY	115	2.0	14	32	7	-	-	-	-	4.4	8.4	40	0.070	2.70	15
69.89	50.3	21.1	-	50.3	2.1	1.4	4.6	3	silty	CLAY	to	CLAY	CLAY	115	1.5	14	34	6	-	-	-	-	3.4	6.4	51	0.005	2.88	15
70.05	40.6	17.0	-	40.6	2.0	1.4	5.5	3	silty	CLAY	to	CLAY	CLAY	115	1.5	11	27	5	-	-	-	-	2.7	5.0	59	0.005	3.01	15
70.21	40.8	17.0	-	40.8	1.5	1.0	4.2	3	silty	CLAY	to	CLAY	CLAY	115	1.5	11	27	5	-	-	-	-	2.7	5.0	54	0.005	2.94	15
70.38	34.6	14.4	-	34.6	1.5	1.5	4.9	3	silty	CLAY	to	CLAY	CLAY	115	1.5	10	23	5	-	-	-	-	2.3	4.2	61	0.005	3.04	15
70.54	34.1	14.2	-	34.2	1.5	2.1	5.2	3	silty	CLAY	to	CLAY	CLAY	115	1.5	9	23	5	-	-	-	-	2.2	4.1	63	0.005	3.06	15
70.71	37.0	15.4	-	37.0	1.7	2.5	5.2	3	silty	CLAY	to	CLAY	CLAY	115	1.5	10	25	5	-	-	-	-	2.4	4.5	61	0.005	3.04	15
70.87	39.5	16.4	-	39.6	2.0	2.5	5.8	3	silty	CLAY	to	CLAY	CLAY	115	1.5	11	26	5										

Jobsite Name

Project ID: Customer Name
 Data File: SDF(196)Clean Header.cpt
 CPT Date: 1/25/2023 8:06:37 AM
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 Sounding ID: CPT-01
 Project No: Jobsite Project Number
 Cone/Rig: DDG1589

Depth ft	qc PS tsf	* qc1n PS	qncs PS	* qt tsf	slv PSS	pore prss	Frct %	Mat Typ	* Material Behavior Description	Unit Wght pcf	Qc N	* SPT R-N1 60%	SPT R-N 60%	* SPT TcN1 60%	* Rel Den %	Ftn Ang deg	Und Shr tsf	OCR -	* Fin Ic %	* D50 mm	* Ic SBT Indx	* Nk -
77.27	28.3	11.0	-	28.3	1.0	0.5	4.1	3	silty CLAY to CLAY	115	1.5	7	19	4	-	-	1.8	3.0	66	0.005	3.11	15
77.43	27.1	10.5	-	27.1	0.9	0.5	3.9	3	silty CLAY to CLAY	115	1.5	7	18	4	-	-	1.7	2.9	66	0.005	3.11	15
77.60	25.8	9.9	-	25.8	0.6	0.6	3.1	3	silty CLAY to CLAY	115	1.5	7	17	3	-	-	1.6	2.7	64	0.005	3.08	15
77.76	24.3	9.4	-	24.3	0.6	0.6	3.1	3	silty CLAY to CLAY	115	1.5	6	16	3	-	-	1.5	2.5	66	0.005	3.11	15
77.92	23.6	9.1	-	23.6	0.6	0.8	3.3	3	silty CLAY to CLAY	115	1.5	6	16	3	-	-	1.5	2.4	68	0.005	3.13	15
78.09	25.5	9.8	-	25.5	0.8	1.3	3.7	3	silty CLAY to CLAY	115	1.5	7	17	3	-	-	1.6	2.6	68	0.005	3.13	15
78.25	28.4	10.9	-	28.4	1.0	1.5	4.1	3	silty CLAY to CLAY	115	1.5	7	19	4	-	-	1.8	3.0	66	0.005	3.11	15
78.42	30.5	11.7	-	30.6	1.7	1.5	6.6	3	silty CLAY to CLAY	115	1.5	8	20	4	-	-	2.0	3.3	74	0.005	3.21	15
78.58	32.5	12.4	-	32.5	2.9	1.7	9.9	3	silty CLAY to CLAY	115	1.5	8	22	5	-	-	2.1	3.5	81	0.005	3.30	15
78.74	58.1	22.2	-	58.1	3.9	2.2	7.3	3	silty CLAY to CLAY	115	1.5	15	39	7	-	-	3.9	6.7	59	0.005	3.00	15
78.91	86.0	32.8	-	86.1	4.9	2.5	6.0	3	silty CLAY to CLAY	115	1.5	22	57	9	-	-	5.9	9.9	47	0.005	2.81	15
79.07	114.4	43.5	-	114.4	5.0	2.2	4.6	4	clay SILT to silty CLAY	115	2.0	22	57	11	-	-	7.9	9.9	37	0.070	2.64	15
79.24	129.6	77.5	187.9	129.6	5.0	0.4	4.0	4	clay SILT to silty CLAY	115	2.0	39	65	18	-	-	9.0	9.9	27	0.070	2.43	15
79.40	131.4	78.6	178.1	131.4	4.6	-1.5	3.6	4	clay SILT to silty CLAY	115	2.0	39	66	18	-	-	9.1	9.9	26	0.070	2.39	15
79.56	122.2	73.0	141.7	122.2	3.0	-3.1	2.5	5	silty SAND to sandy SILT	120	3.0	24	41	16	57	36	-	-	22	0.200	2.30	16
79.73	104.9	62.6	147.7	104.8	3.1	-4.2	3.1	4	clay SILT to silty CLAY	115	2.0	31	52	15	-	-	7.2	9.9	27	0.070	2.41	15
79.89	90.6	34.2	-	90.5	3.1	-4.9	3.7	4	clay SILT to silty CLAY	115	2.0	17	45	9	-	-	6.2	9.9	38	0.070	2.65	15
80.06	77.0	29.1	-	77.0	2.1	-1.9	2.9	4	clay SILT to silty CLAY	115	2.0	15	39	8	-	-	5.3	9.0	37	0.070	2.64	15
80.22	62.2	23.5	-	62.1	1.5	-3.8	2.7	4	clay SILT to silty CLAY	115	2.0	12	31	6	-	-	4.2	7.1	40	0.070	2.70	15
80.38	43.0	16.2	-	43.0	1.5	-3.4	3.8	3	silty CLAY to CLAY	115	1.5	11	29	5	-	-	2.9	4.7	54	0.005	2.93	15
80.55	35.9	13.5	-	35.9	1.5	-2.6	4.8	3	silty CLAY to CLAY	115	1.5	9	24	4	-	-	2.3	3.8	63	0.005	3.06	15
80.71	36.6	13.8	-	36.5	1.6	-2.2	4.9	3	silty CLAY to CLAY	115	1.5	9	24	5	-	-	2.4	3.9	63	0.005	3.06	15
80.88	37.6	14.2	-	37.6	1.5	-2.0	4.6	3	silty CLAY to CLAY	115	1.5	9	25	5	-	-	2.5	4.0	61	0.005	3.03	15
81.04	63.2	23.9	-	63.2	1.7	-2.0	2.9	4	clay SILT to silty CLAY	115	2.0	12	32	6	-	-	4.3	7.2	41	0.070	2.72	15
81.20	53.6	20.2	-	53.6	1.9	-2.5	3.8	3	silty CLAY to CLAY	115	1.5	13	36	6	-	-	3.6	6.0	49	0.005	2.85	15
81.37	36.7	13.8	-	36.6	0.8	-2.5	2.6	3	silty CLAY to CLAY	115	1.5	9	24	4	-	-	2.4	3.9	52	0.005	2.90	15
81.53	31.4	11.8	-	31.3	1.2	-1.7	4.4	3	silty CLAY to CLAY	115	1.5	8	21	4	-	-	2.0	3.2	65	0.005	3.09	15
81.70	29.1	11.0	-	29.1	1.5	-1.5	6.1	3	silty CLAY to CLAY	115	1.5	7	19	4	-	-	1.9	3.0	74	0.005	3.21	15
81.86	40.0	15.1	-	40.0	2.2	-0.6	6.1	3	silty CLAY to CLAY	115	1.5	10	27	5	-	-	2.6	4.3	65	0.005	3.09	15
82.02	58.5	22.1	-	58.5	2.9	0.5	5.4	3	silty CLAY to CLAY	115	1.5	15	39	7	-	-	3.9	6.5	53	0.005	2.92	15
82.19	63.9	24.1	-	63.9	3.1	1.6	5.2	3	silty CLAY to CLAY	115	1.5	16	43	7	-	-	4.3	7.2	50	0.005	2.87	15
82.35	54.9	20.7	-	54.9	2.7	2.2	5.4	3	silty CLAY to CLAY	115	1.5	14	37	6	-	-	3.7	6.1	54	0.005	2.94	15
82.52	53.6	20.2	-	53.7	3.0	2.5	6.2	3	silty CLAY to CLAY	115	1.5	13	36	6	-	-	3.6	5.9	58	0.005	2.99	15
82.68	61.7	23.3	-	61.8	3.0	3.0	5.4	3	silty CLAY to CLAY	115	1.5	16	41	7	-	-	4.2	6.9	52	0.005	2.89	15
82.85	76.5	28.9	-	76.6	2.1	2.3	3.0	4	clay SILT to silty CLAY	115	2.0	14	38	8	-	-	5.2	8.6	38	0.070	2.65	15
83.01	90.1	53.0	106.9	90.1	1.6	0.0	1.9	5	silty SAND to sandy SILT	120	3.0	18	30	12	46	34	-	-	23	0.200	2.32	16
83.17	102.7	60.3	137.2	102.7	2.7	-0.3	2.8	5	clay SAND to sandy SILT	120	3.0	20	34	14	50	35	-	-	26	0.200	2.39	16
83.34	117.4	68.8	166.7	117.4	4.1	-0.2	3.6	4	clay SILT to silty CLAY	115	2.0	34	59	16	-	-	8.1	9.9	27	0.070	2.43	15
83.50	132.5	77.6	189.4	132.5	5.2	0.0	4.1	4	clay SILT to silty CLAY	115	2.0	39	66	18	-	-	9.2	9.9	28	0.070	2.43	15
83.67	129.7	48.9	-	129.7	6.3	1.6	5.1	4	clay SILT to silty CLAY	115	2.0	24	65	13	-	-	9.0	9.9	37	0.070	2.63	15
83.83	113.1	42.7	-	113.1	6.7	3.6	6.2	3	silty CLAY to CLAY	115	1.5	28	75	12	-	-	7.8	9.9	43	0.005	2.74	15
83.99	109.6	41.3	-	109.6	7.3	3.4	7.0	3	silty CLAY to CLAY	115	1.5	28	73	12	-	-	7.5	9.9	45	0.005	2.79	15
84.16	146.9	55.5	-	147.3	7.9	17.3	5.6	4	clay SILT to silty CLAY	115	2.0	28	73	14	-	-	10.2	9.9	37	0.070	2.63	15
84.32	197.4	115.2	224.2	197.5	7.5	5.7	3.9	8	stiff SAND to clay SAND	115	5.0	23	39	26	72	39	-	-	22	0.250	2.30	16
84.49	197.9	115.5	191.4	198.0	5.5	3.8	2.9	5	silty SAND to sandy SILT	120	3.0	38	66	25	72	39	-	-	19	0.200	2.20	16
84.65	167.4	97.5	139.0	167.4	2.8	2.7	1.7	5	silty SAND to sandy SILT	120	3.0	33	56	20	66	38	-	-	15	0.200	2.08	16
84.81	154.3	89.8	143.8	154.3	3.1	0.7	2.1	5	silty SAND to sandy SILT	120	3.0	30	51	19	63	37	-	-	18	0.200	2.17	16
84.98	141.3	82.2	153.8	141.3	3.6	-0.8	2.7	5	silty SAND to sandy SILT	120	3.0	27	47	18	61	37	-	-	22	0.200	2.27	16
85.14	135.9	79.0	149.0	136.0	3.4	4.9	2.6	5	silty SAND to sandy SILT	120	3.0	26	45	17	59	36	-	-	22	0.200	2.28	16
85.31	160.5	93.2	125.7	160.6	2.7	2.3	1.7	5	silty SAND to sandy SILT	120	3.0	31	54	19	65	37	-	-	16	0.200	2.10	16
85.47	178.5	103.6	136.9	178.5	1.9	1.9	1.1	6	clean SAND to silty SAND	125	5.0	21	36	20	68	38	-	-	11	0.350	1.94	16
85.63	169.2	98.1	115.7	169.2	1.4	2.1	0.9	6	clean SAND to silty SAND	125	5.0	20	34	18	66	38	-	-	10	0.350	1.89	16
85.80	144.6	83.7	116.0	144.6	1.8	1.5	1.3	5	silty SAND to sandy SILT	120	3.0	28	48	17	61	37	-	-	15	0.200	2.06	16
85.96	127.9	74.0	118.3	127.9	2.1	1.4	1.7	5	silty SAND to sandy SILT	120	3.0	25	43	16	57	36	-	-	18	0.200	2.17	16
86.13	119.0	68.8	122.3	119.1	2.3	1.2	2.0	5	silty SAND to sandy SILT	120	3.0	23	40	15	55	36	-	-	20	0.200	2.24	16
86.29	103.1	59.6	130.2	103.1	2.5	1.3	2.6	5	silty SAND to sandy SILT	120	3.0	20	34	14	50	35	-	-	25	0.200	2.37	16
86.45	65.9	24.9	-	65.9	2.8	1.4	4.6	3	silty CLAY to CLAY	115	1.5	17	44	7	-	-	4.5	7.1	48	0.005	2.83	15
86.62	43.6	16.5	-	43.7	2.8	2.0	7.4	3	silty CLAY to CLAY	115	1.5	11	29	6	-	-	2.9	4.5	66	0.005	3.11	15
86.78	47.4	17.9	-	48.3	3.9	46.1	9.3	3	silty CLAY to CLAY	115	1.5	12	32	6	-	-	3.1	4.9	69	0.005	3.15	15
86.95	60.0	22.7	-	62.0	6.2	97.2	9.9	3	silty CLAY to CLAY	115	1.5	15	40	8	-	-	4.0	6.4	65	0.005	3.09	15
87.11	154.5	88.9	237.5	155.8	8.0	66.3	5.3	9	very stiff fine SOIL	120	1.0	89	100	21	-	-	5.4	9.9	30	0.250	2.48	30
87.27	238.3	137.1	238.6	238.3	8.4	-0.3	3.6	8	stiff SAND to clay SAND	115	5.0	27	48	30	77	40	-	-	20	0		

Jobsite Name

Project ID: Customer Name
 Data File: SDF(196)Clean Header.cpt
 CPT Date: 1/25/2023 8:06:37 AM
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 Sounding ID: CPT-01
 Project No: Jobsite Project Number
 Cone/Rig: DDG1589

Depth ft	qc PS tsf	qcln PS -	qlncls PS -	qt PS tsf	Slv Stss tsf (psi)	pore prss -	Frct Rato %	Mat Typ Zon	Material Behavior Description	Unit Wght pcf	Qc to N	SPT R-N1 60%	SPT R-N 60%	SPT IcN1 60%	Rel Den %	Ftn Ang deg	Und Shr tsf	OCR -	Fin Ic %	D50 -	Ic SBT mm	Nk -	Indx -
92.69	113.9	43.0	-	114.0	7.7	3.0	7.1	3	silty CLAY to CLAY	115	1.5	29	76	12	-	-	7.8	9.9	45	0.005	2.78	15	
92.85	98.3	37.1	-	98.4	6.5	3.6	7.0	3	silty CLAY to CLAY	115	1.5	25	66	11	-	-	6.7	9.9	47	0.005	2.82	15	
93.02	82.5	31.1	-	82.6	4.9	4.8	6.4	3	silty CLAY to CLAY	115	1.5	21	55	9	-	-	5.6	8.4	49	0.005	2.85	15	
93.18	68.4	25.8	-	68.5	3.4	4.9	5.3	3	silty CLAY to CLAY	115	1.5	17	46	8	-	-	4.6	6.9	50	0.005	2.86	15	
93.34	58.0	21.9	-	58.1	2.7	5.9	5.2	3	silty CLAY to CLAY	115	1.5	15	39	7	-	-	3.9	5.7	53	0.005	2.91	15	
93.51	55.3	20.9	-	55.5	2.6	6.7	5.3	3	silty CLAY to CLAY	115	1.5	14	37	6	-	-	3.7	5.4	54	0.005	2.94	15	
93.67	53.6	20.2	-	53.7	2.5	7.5	5.1	3	silty CLAY to CLAY	115	1.5	13	36	6	-	-	3.6	5.2	54	0.005	2.94	15	
93.84	50.7	19.1	-	50.9	2.1	7.6	4.7	3	silty CLAY to CLAY	115	1.5	13	34	6	-	-	3.4	4.9	54	0.005	2.93	15	
94.00	40.3	15.2	-	40.4	1.5	7.1	4.4	3	silty CLAY to CLAY	115	1.5	10	27	5	-	-	2.6	3.8	59	0.005	3.00	15	
94.16	30.9	11.7	-	31.1	1.3	6.6	5.2	3	silty CLAY to CLAY	115	1.5	8	21	4	-	-	2.0	2.7	70	0.005	3.16	15	
94.33	26.7	10.1	-	26.9	1.2	6.3	5.8	3	silty CLAY to CLAY	115	1.5	7	18	4	-	-	1.7	2.3	77	0.005	3.25	15	
94.49	32.8	12.4	-	32.9	1.2	6.4	4.4	3	silty CLAY to CLAY	115	1.5	8	22	4	-	-	2.1	2.9	64	0.005	3.08	15	
94.66	34.6	13.1	-	34.7	1.4	6.5	4.7	3	silty CLAY to CLAY	115	1.5	9	23	4	-	-	2.2	3.1	64	0.005	3.08	15	
94.82	33.5	12.6	-	33.6	1.4	6.8	5.2	3	silty CLAY to CLAY	115	1.5	8	22	4	-	-	2.1	3.0	67	0.005	3.12	15	
94.98	31.2	11.8	-	31.3	1.6	7.4	6.3	3	silty CLAY to CLAY	115	1.5	8	21	4	-	-	2.0	2.7	73	0.005	3.20	15	
95.15	43.7	16.5	-	43.9	1.7	9.3	4.5	3	silty CLAY to CLAY	115	1.5	11	29	5	-	-	2.9	4.1	57	0.005	2.98	15	
95.31	41.5	15.6	-	41.7	1.9	9.5	5.2	3	silty CLAY to CLAY	115	1.5	10	28	5	-	-	2.7	3.8	61	0.005	3.04	15	
95.48	41.2	15.6	-	41.4	1.7	9.8	4.9	3	silty CLAY to CLAY	115	1.5	10	27	5	-	-	2.7	3.8	60	0.005	3.02	15	
95.64	42.9	16.2	-	43.1	1.9	9.7	5.2	3	silty CLAY to CLAY	115	1.5	11	29	5	-	-	2.8	4.0	60	0.005	3.03	15	
95.81	47.3	17.9	-	47.5	3.5	10.7	8.5	3	silty CLAY to CLAY	115	1.5	12	32	6	-	-	3.1	4.5	68	0.005	3.13	15	
95.97	76.9	29.0	-	77.2	4.5	12.2	6.3	3	silty CLAY to CLAY	115	1.5	19	51	9	-	-	5.2	7.6	50	0.005	2.87	15	
96.13	98.2	37.0	-	98.3	6.0	6.1	6.5	3	silty CLAY to CLAY	115	1.5	25	65	11	-	-	6.7	9.9	46	0.005	2.80	15	
96.30	116.1	43.8	-	116.3	7.1	10.9	6.4	3	silty CLAY to CLAY	115	1.5	29	77	12	-	-	8.0	9.9	43	0.005	2.74	15	
96.46	157.2	86.7	218.5	157.3	7.2	7.1	4.7	4	clay SILT to silty CLAY	115	2.0	43	79	21	-	-	10.9	9.9	28	0.070	2.45	15	
96.63	138.5	52.3	-	138.6	6.9	6.7	5.2	4	clay SILT to silty CLAY	115	2.0	26	69	13	-	-	9.6	9.9	36	0.070	2.62	15	
96.79	98.7	37.2	-	98.8	5.8	4.9	6.2	3	silty CLAY to CLAY	115	1.5	25	66	10	-	-	6.8	9.9	45	0.005	2.79	15	
96.95	74.6	28.1	-	74.6	4.9	3.6	7.1	3	silty CLAY to CLAY	115	1.5	19	50	9	-	-	5.0	7.3	53	0.005	2.92	15	
97.12	61.6	23.3	-	61.8	3.6	6.4	6.5	3	silty CLAY to CLAY	115	1.5	16	41	7	-	-	4.1	5.9	55	0.005	2.95	15	
97.28	51.1	19.3	-	51.2	2.8	6.4	6.1	3	silty CLAY to CLAY	115	1.5	13	34	6	-	-	3.4	4.8	59	0.005	3.00	15	
97.45	43.0	16.2	-	43.3	2.2	10.9	6.0	3	silty CLAY to CLAY	115	1.5	11	29	5	-	-	2.8	3.9	63	0.005	3.06	15	
97.61	43.5	16.4	-	43.8	2.3	14.7	6.1	3	silty CLAY to CLAY	115	1.5	11	29	5	-	-	2.9	4.0	63	0.005	3.06	15	
97.77	47.4	17.9	-	47.7	2.5	15.6	6.0	3	silty CLAY to CLAY	115	1.5	12	32	6	-	-	3.1	4.4	60	0.005	3.03	15	
97.94	46.5	17.5	-	46.8	2.3	16.2	5.7	3	silty CLAY to CLAY	115	1.5	12	31	6	-	-	3.1	4.3	60	0.005	3.02	15	
98.10	41.3	15.6	-	41.5	1.7	14.3	4.9	3	silty CLAY to CLAY	115	1.5	10	28	5	-	-	2.7	3.7	60	0.005	3.02	15	
98.27	36.0	13.6	-	36.3	1.4	15.2	4.6	3	silty CLAY to CLAY	115	1.5	9	24	5	-	-	2.3	3.2	63	0.005	3.06	15	
98.43	36.9	13.9	-	37.2	1.6	16.6	5.0	3	silty CLAY to CLAY	115	1.5	9	25	5	-	-	2.4	3.2	64	0.005	3.08	15	
98.59	40.0	15.1	-	40.4	1.5	17.0	4.4	3	silty CLAY to CLAY	115	1.5	10	27	5	-	-	2.6	3.6	59	0.005	3.01	15	
98.76	41.5	15.7	-	41.9	3.3	17.4	9.3	3	silty CLAY to CLAY	115	1.5	10	28	6	-	-	2.7	3.7	73	0.005	3.20	15	
98.92	92.2	34.8	-	92.5	4.9	18.0	5.7	3	silty CLAY to CLAY	115	1.5	23	61	10	-	-	6.3	9.0	45	0.005	2.78	15	
99.09	151.2	82.5	185.1	151.4	5.4	11.1	3.7	4	clay SILT to silty CLAY	115	2.0	41	76	19	-	-	10.5	9.9	26	0.070	2.38	15	
99.25	106.8	40.3	-	106.9	5.1	5.1	5.1	3	silty CLAY to CLAY	115	1.5	27	71	11	-	-	7.3	9.9	40	0.005	2.70	15	
99.41	87.7	33.1	-	87.7	6.1	2.9	7.4	3	silty CLAY to CLAY	115	1.5	22	58	10	-	-	6.0	8.5	51	0.005	2.88	15	
99.58	99.0	37.4	-	99.1	5.8	7.8	6.2	3	silty CLAY to CLAY	115	1.5	25	66	11	-	-	6.8	9.7	45	0.005	2.78	15	
99.74	178.7	97.3	197.9	178.9	6.3	8.5	3.6	5	silty SAND to sandy SILT	120	3.0	32	60	22	66	37	-	-	23	0.200	2.33	16	
99.91	229.1	124.6	203.7	229.3	6.6	5.9	3.0	5	silty SAND to sandy SILT	120	3.0	42	76	26	74	39	-	-	19	0.200	2.19	16	
100.07	278.2	151.2	219.8	278.2	7.3	3.4	2.7	5	silty SAND to sandy SILT	120	3.0	50	93	31	81	40	-	-	16	0.200	2.10	16	

* Indicates the parameter was calculated using the normalized point stress.
 The parameters listed above were determined using empirical correlations.
 A Professional Engineer must determine their suitability for analysis and design.

Middle Earth Geo Testing