

Measured Depth (ft)	Sub-Sea Incl. (ft)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-)		Eastings (+) Westings (-)		Vertical Section (ft)	FNL	FSL	FWL	FEL
SHL	0	0	0	0	0	0	0	0	5080.00	200.00	760.00	4520.00
BHL	9011	91.00	4714.20	4669.00	4669.62	-77.59	-77.59	4669.62	411.00	4869.00	682.41	4597.59
Miss Entry	4940	69.70	4676.69	600.17	600.25	-10.08	-10.08	600.25	4479.83	800.17	749.92	4530.08
Top Perf	4973	73.00	4686.60	629.52	629.62	-11.11	-11.11	629.62	4450.48	829.52	748.89	4531.11
Bottom Perf	9000	91.10	4714.44	4656.01	4656.62	-77.25	-77.25	4656.62	423.99	4856.01	682.75	4597.25

Measured Depth (ft)	Sub-Sea Incl. (ft)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-)		Eastings (+) Westings (-)		Vertical Section (ft)	FNL	FSL	FWL	FEL
0	0	0	0	0	0	0	0	0	5080.00	200.00	760.00	4520.00
255	0.20	194.50	255.00	-0.43	-0.43	-0.11	-0.11	-0.43	5080.43	199.57	759.89	4520.11
504	0.50	194.50	503.99	-1.90	-1.90	-0.49	-0.49	-1.90	5081.90	198.10	759.51	4520.49
746	0.40	194.50	745.99	-3.74	-3.74	-0.97	-0.97	-3.73	5083.74	196.26	759.03	4520.97
799	0.40	194.50	798.99	-4.10	-4.10	-1.06	-1.06	-4.09	5084.10	195.90	758.94	4521.06
1012	0.50	228.40	1011.98	-5.44	-5.44	-1.94	-1.94	-5.41	5085.44	194.56	758.06	4521.94
1517	0.70	190.40	1516.95	-9.94	-9.94	-4.15	-4.15	-9.88	5089.94	190.06	755.85	4524.15
2023	0.70	189.20	2022.92	-16.03	-16.03	-5.20	-5.20	-15.96	5096.03	183.97	754.80	4525.20
2497	0.60	114.80	2496.89	-19.93	-19.93	-3.41	-3.41	-19.88	5099.93	180.07	756.59	4523.41
2942	0.80	131.40	2941.86	-22.96	-22.96	1.04	1.04	-22.97	5102.96	177.04	761.04	4518.96
3417	1.80	112.20	3416.73	-27.97	-27.97	10.43	10.43	-28.10	5107.97	172.03	770.43	4509.57
3670	0.40	283.00	3669.70	-29.27	-29.27	13.25	13.25	-29.44	5109.27	170.73	773.25	4506.75
3702	0.60	284.00	3701.70	-29.21	-29.21	12.98	12.98	-29.37	5109.21	170.79	772.98	4507.02
3734	1.40	357.40	3733.69	-28.78	-28.78	12.80	12.80	-28.94	5108.78	171.22	772.80	4507.20
3766	3.10	11.90	3765.67	-27.54	-27.54	12.96	12.96	-27.71	5107.54	172.46	772.96	4507.04
3797	5.00	17.60	3796.59	-25.43	-25.43	13.54	13.54	-25.61	5105.43	174.57	773.54	4506.46
3829	6.70	18.90	3828.42	-22.33	-22.33	14.57	14.57	-22.52	5102.33	177.67	774.57	4505.43
3861	7.70	20.10	3860.17	-18.56	-18.56	15.91	15.91	-18.76	5098.56	181.44	775.91	4504.09
3892	9.10	22.40	3890.84	-14.34	-14.34	17.56	17.56	-14.57	5094.34	185.66	777.56	4502.44
3923	10.70	26.40	3921.37	-9.49	-9.49	19.77	19.77	-9.75	5089.49	190.51	779.77	4500.23
3955	12.50	28.20	3952.72	-3.78	-3.78	22.73	22.73	-4.08	5083.78	196.22	782.73	4497.27
3986	14.10	28.40	3982.89	2.50	2.50	26.11	26.11	2.15	5077.50	202.50	786.11	4493.89
4018	15.80	29.10	4013.80	9.73	9.73	30.08	30.08	9.34	5070.27	209.73	790.08	4489.92
4049	18.00	29.30	4043.46	17.60	17.60	34.48	34.48	17.14	5062.40	217.60	794.48	4485.52
4081	19.80	21.90	4073.74	26.94	26.94	38.92	38.92	26.43	5053.06	226.94	798.92	4481.08
4113	22.20	11.20	4103.62	37.91	37.91	42.12	42.12	37.35	5042.09	237.91	802.12	4477.88
4144	24.30	4.30	4132.11	50.02	50.02	43.74	43.74	49.44	5029.98	250.02	803.74	4476.26

4176	26.30	358.90	4161.04	63.67	44.09	63.09	5016.33	263.67	804.09	4475.91
4208	28.10	355.40	4189.50	78.27	43.35	77.70	5001.73	278.27	803.35	4476.65
4239	30.00	352.50	4216.60	93.24	41.75	92.68	4986.76	293.24	801.75	4478.25
4271	32.40	351.20	4243.97	109.64	39.40	109.12	4970.36	309.64	799.40	4480.60
4303	34.70	350.30	4270.64	127.10	36.55	126.61	4952.90	327.10	796.55	4483.45
4334	36.60	349.30	4295.83	144.88	33.35	144.43	4935.12	344.88	793.35	4486.65
4366	38.00	349.30	4321.29	163.93	29.75	163.53	4916.07	363.93	789.75	4490.25
4398	39.70	350.60	4346.21	183.70	26.25	183.33	4896.30	383.70	786.25	4493.75
4430	41.80	351.90	4370.45	204.34	23.08	204.02	4875.66	404.34	783.08	4496.92
4461	44.00	352.90	4393.15	225.25	20.29	224.97	4854.75	425.25	780.29	4499.71
4493	46.00	354.20	4415.78	247.74	17.75	247.48	4832.26	447.74	777.75	4502.25
4525	48.40	354.40	4437.52	271.10	15.42	270.87	4808.90	471.10	775.42	4504.58
4556	50.20	354.40	4457.74	294.49	13.13	294.29	4785.51	494.49	773.13	4506.87
4587	50.20	354.40	4477.58	318.19	10.81	318.02	4761.81	518.19	770.81	4509.19
4619	50.10	354.50	4498.08	342.64	8.43	342.50	4737.36	542.64	768.43	4511.57
4650	49.80	354.40	4518.03	366.26	6.13	366.15	4713.74	566.26	766.13	4513.87
4681	49.50	354.60	4538.10	389.78	3.87	389.69	4690.22	589.78	763.87	4516.13
4713	50.00	355.10	4558.78	414.10	1.68	414.05	4665.90	614.10	761.68	4518.32
4745	49.80	355.10	4579.39	438.49	-0.41	438.46	4641.51	638.49	759.59	4520.41
4776	51.70	355.30	4599.00	462.41	-2.42	462.40	4617.59	662.41	757.58	4522.42
4808	55.50	355.80	4617.99	488.09	-4.42	488.10	4591.91	688.09	755.58	4524.42
4840	58.60	356.50	4635.39	514.87	-6.22	514.91	4565.13	714.87	753.78	4526.22
4871	62.30	357.20	4650.68	541.80	-7.69	541.85	4538.20	741.80	752.31	4527.69
4903	66.00	357.70	4664.63	570.56	-8.97	570.63	4509.44	770.56	751.03	4528.97
4935	69.70	358.00	4676.69	600.17	-10.08	600.25	4479.83	800.17	749.92	4530.08
4966	73.00	358.00	4686.60	629.52	-11.11	629.62	4450.48	829.52	748.89	4531.11
4998	75.30	358.00	4695.34	660.29	-12.18	660.39	4419.71	860.29	747.82	4532.18
5029	77.20	357.70	4702.71	690.38	-13.31	690.49	4389.62	890.38	746.69	4533.31
5061	79.20	357.40	4709.25	721.67	-14.65	721.80	4368.33	921.67	745.35	4534.65
5093	81.80	357.30	4714.54	753.19	-16.11	753.34	4326.81	953.19	743.89	4536.11
5124	84.40	357.10	4718.26	783.93	-17.62	784.09	4296.07	983.93	742.38	4537.62
5156	86.10	357.60	4720.91	815.78	-19.09	815.97	4264.22	1015.78	740.91	4539.09
5205	88.30	358.50	4723.30	864.69	-20.75	864.89	4215.31	1064.69	739.25	4540.75
5236	88.10	358.40	4724.28	895.67	-21.59	895.87	4184.33	1095.67	738.41	4541.59
5268	88.60	359.00	4725.20	927.65	-22.32	927.86	4152.35	1127.65	737.68	4542.32
5300	88.80	359.40	4725.92	959.63	-22.76	959.85	4120.37	1159.63	737.24	4542.76
5331	88.20	358.50	4726.74	990.62	-23.33	990.84	4089.38	1190.62	736.67	4543.33
5363	88.20	359.80	4727.74	1022.60	-23.81	1022.82	4057.40	1222.60	736.19	4543.81
5394	88.40	359.80	4728.66	1053.58	-23.92	1053.81	4026.42	1253.58	736.08	4543.92
5426	88.30	0.10	4729.58	1085.57	-23.94	1085.79	3994.43	1285.57	736.06	4543.94

5458	88.30	360.00	4730.53	1117.56	-23.92	1117.77	3962.44	1317.56	736.08	4543.92
5489	89.30	0.30	4731.18	1148.55	-23.83	1148.76	3931.45	1348.55	736.17	4543.83
5521	89.30	0.40	4731.57	1180.55	-23.64	1180.76	3899.45	1380.55	736.36	4543.64
5553	89.90	0.40	4731.79	1212.54	-23.42	1212.75	3867.46	1412.54	736.58	4543.42
5585	89.50	0.30	4731.96	1244.54	-23.22	1244.74	3835.46	1444.54	736.78	4543.22
5616	89.00	0.10	4732.37	1275.54	-23.11	1275.73	3804.46	1475.54	736.89	4543.11
5648	90.00	0.10	4732.65	1307.54	-23.06	1307.73	3772.46	1507.54	736.94	4543.06
5680	92.10	0.30	4732.06	1339.53	-22.94	1339.72	3740.47	1539.53	737.06	4542.94
5711	93.00	0.60	4730.68	1370.50	-22.70	1370.68	3709.50	1570.50	737.30	4542.70
5743	93.00	0.90	4729.01	1402.45	-22.28	1402.62	3677.55	1602.45	737.72	4542.28
5775	91.10	0.90	4727.86	1434.43	-21.78	1434.59	3645.57	1634.43	738.22	4541.78
5806	90.70	0.70	4727.38	1465.42	-21.35	1465.57	3614.58	1665.42	738.65	4541.35
5838	91.20	0.30	4726.85	1497.41	-21.07	1497.56	3582.59	1697.41	738.93	4541.07
5870	90.80	359.10	4726.29	1529.41	-21.24	1529.56	3550.59	1729.41	738.76	4541.24
5901	88.70	359.20	4726.42	1560.40	-21.70	1560.55	3519.60	1760.40	738.30	4541.70
5933	88.60	359.80	4727.18	1592.39	-21.97	1592.54	3487.61	1792.39	738.03	4541.97
5965	88.50	359.50	4727.99	1624.38	-22.17	1624.53	3455.62	1824.38	737.83	4542.17
5997	90.20	359.80	4728.35	1656.38	-22.37	1656.53	3423.62	1856.38	737.63	4542.37
6029	92.40	359.60	4727.62	1688.37	-22.53	1688.52	3391.63	1888.37	737.47	4542.53
6060	90.40	358.40	4726.87	1719.35	-23.07	1719.51	3360.65	1919.35	736.93	4543.07
6092	88.70	358.50	4727.12	1751.34	-23.94	1751.50	3328.66	1951.34	736.06	4543.94
6124	87.70	358.70	4728.12	1783.31	-24.72	1783.48	3296.69	1983.31	735.28	4544.72
6156	87.70	358.70	4729.41	1815.28	-25.45	1815.46	3264.72	2015.28	734.55	4545.45
6187	87.70	358.90	4730.65	1846.25	-26.10	1846.43	3233.75	2046.25	733.90	4546.10
6219	87.50	358.70	4731.99	1878.21	-26.76	1878.40	3201.79	2078.21	733.24	4546.76
6250	87.40	358.50	4733.37	1909.17	-27.52	1909.37	3170.83	2109.17	732.48	4547.52
6282	87.40	359.40	4734.82	1941.13	-28.11	1941.33	3138.87	2141.13	731.89	4548.11
6314	88.30	359.10	4736.02	1973.11	-28.53	1973.31	3106.89	2173.11	731.47	4548.53
6345	89.40	0.10	4736.64	2004.10	-28.74	2004.30	3075.90	2204.10	731.26	4548.74
6377	90.40	0.10	4736.70	2036.10	-28.69	2036.30	3043.90	2236.10	731.31	4548.69
6409	90.50	0.60	4736.45	2068.10	-28.49	2068.29	3011.90	2268.10	731.51	4548.49
6440	90.80	1.00	4736.10	2099.09	-28.06	2099.28	2980.91	2299.09	731.94	4548.06
6472	90.70	1.10	4735.68	2131.08	-27.47	2131.26	2948.92	2331.08	732.53	4547.47
6503	90.80	0.40	4735.27	2162.08	-27.07	2162.25	2917.92	2362.08	732.93	4547.07
6535	90.80	0.60	4734.82	2194.07	-26.79	2194.24	2885.93	2394.07	733.21	4546.79
6567	90.60	0.80	4734.43	2226.07	-26.40	2226.22	2853.93	2426.07	733.60	4546.40
6599	91.00	0.80	4733.99	2258.06	-25.95	2258.21	2821.94	2458.06	734.05	4545.95
6630	90.70	0.10	4733.53	2289.06	-25.71	2289.20	2790.94	2489.06	734.29	4545.71
6662	90.50	0.30	4733.19	2321.06	-25.59	2321.19	2758.94	2521.06	734.41	4545.59
6694	90.80	360.00	4732.83	2353.05	-25.51	2353.19	2726.95	2553.05	734.49	4545.51

6726	90.20	0.40	4732.55	2385.05	-25.40	2385.18	2694.95	2585.05	734.60	4545.40
6757	90.50	0.30	4732.36	2416.05	-25.21	2416.17	2663.95	2616.05	734.79	4545.21
6789	90.30	359.80	4732.14	2448.05	-25.18	2448.17	2631.95	2648.05	734.82	4545.18
6821	90.50	0.00	4731.91	2480.05	-25.24	2480.17	2599.95	2680.05	734.76	4545.24
6852	90.50	359.70	4731.64	2511.05	-25.32	2511.16	2568.95	2711.05	734.68	4545.32
6884	90.90	359.10	4731.25	2543.04	-25.65	2543.16	2536.96	2743.04	734.35	4545.65
6915	90.90	359.20	4730.77	2574.04	-26.11	2574.16	2505.96	2774.04	733.89	4546.11
6947	90.70	359.70	4730.32	2606.03	-26.42	2606.15	2473.97	2806.03	733.58	4546.42
6979	91.30	0.20	4729.76	2638.03	-26.45	2638.15	2441.97	2838.03	733.55	4546.45
7010	91.30	0.20	4729.06	2669.02	-26.34	2669.13	2410.98	2869.02	733.66	4546.34
7042	90.00	359.20	4728.69	2701.01	-26.51	2701.13	2378.99	2901.01	733.49	4546.51
7074	89.10	359.10	4728.95	2733.01	-26.98	2733.13	2346.99	2933.01	733.02	4546.98
7106	89.10	359.90	4729.45	2765.00	-27.26	2765.12	2315.00	2965.00	732.74	4547.26
7138	89.50	359.30	4729.84	2797.00	-27.48	2797.12	2283.00	2997.00	732.52	4547.48
7169	90.20	359.20	4729.92	2828.00	-27.89	2828.12	2252.00	3028.00	732.11	4547.89
7201	91.10	359.40	4729.56	2859.99	-28.28	2860.12	2220.01	3059.99	731.72	4548.28
7233	91.60	359.50	4728.80	2891.98	-28.59	2892.11	2188.02	3091.98	731.41	4548.59
7265	91.00	358.90	4728.08	2923.97	-29.04	2924.10	2156.03	3123.97	730.96	4549.04
7297	91.10	358.80	4727.49	2955.96	-29.68	2956.09	2124.04	3155.96	730.32	4549.68
7328	90.90	358.30	4726.95	2986.94	-30.46	2987.09	2093.06	3186.94	729.54	4550.46
7360	90.70	358.60	4726.50	3018.93	-31.33	3019.08	2061.07	3218.93	728.67	4551.33
7392	90.90	358.20	4726.06	3050.91	-32.22	3051.07	2029.09	3250.91	727.78	4552.22
7423	90.90	358.40	4725.57	3081.90	-33.14	3082.07	1998.10	3281.90	726.86	4553.14
7454	90.90	358.30	4725.08	3112.88	-34.03	3113.06	1967.12	3312.88	725.97	4554.03
7486	91.00	358.30	4724.55	3144.86	-34.98	3145.05	1935.14	3344.86	725.02	4554.98
7518	91.00	358.40	4723.99	3176.84	-35.90	3177.04	1903.16	3376.84	724.10	4555.90
7550	90.20	359.00	4723.66	3208.83	-36.63	3209.04	1871.17	3408.83	723.37	4556.63
7582	89.60	359.70	4723.71	3240.83	-36.99	3241.04	1839.17	3440.83	723.01	4556.99
7614	89.50	359.90	4723.97	3272.83	-37.10	3273.03	1807.17	3472.83	722.90	4557.10
7645	89.50	359.90	4724.24	3303.83	-37.16	3304.03	1776.17	3503.83	722.84	4557.16
7677	89.50	359.60	4724.51	3335.83	-37.30	3336.03	1744.17	3535.83	722.70	4557.30
7709	89.50	359.40	4724.79	3367.82	-37.58	3368.03	1712.18	3567.82	722.42	4557.58
7740	89.50	359.50	4725.06	3398.82	-37.87	3399.03	1681.18	3598.82	722.13	4557.87
7772	89.60	359.30	4725.32	3430.82	-38.21	3431.02	1649.18	3630.82	721.79	4558.21
7803	89.70	359.20	4725.51	3461.82	-38.62	3462.02	1618.18	3661.82	721.38	4558.62
7835	89.80	358.70	4725.64	3493.81	-39.20	3494.02	1586.19	3693.81	720.80	4559.20
7867	89.00	359.00	4725.98	3525.80	-39.84	3526.02	1554.20	3725.80	720.16	4559.84
7898	89.60	359.20	4726.36	3556.79	-40.33	3557.02	1523.21	3756.79	719.67	4560.33
7930	89.70	358.70	4726.55	3588.79	-40.92	3589.02	1491.21	3788.79	719.08	4560.92
7962	89.60	359.40	4726.75	3620.78	-41.45	3621.02	1459.22	3820.78	718.55	4561.45

7993	90.00	358.80	4726.86	3651.78	-41.93	3652.01	1428.22	3851.78	718.07	4561.93
8025	89.80	358.60	4726.91	3683.77	-42.66	3684.01	1396.23	3883.77	717.34	4562.66
8056	89.40	358.70	4727.13	3714.76	-43.39	3715.01	1365.24	3914.76	716.61	4563.39
8088	90.50	358.00	4727.16	3746.75	-44.31	3747.01	1333.25	3946.75	715.69	4564.31
8120	90.30	358.20	4726.93	3778.73	-45.37	3779.00	1301.27	3978.73	714.63	4565.37
8151	90.10	357.70	4726.83	3809.71	-46.48	3809.99	1270.29	4009.71	713.52	4566.48
8183	90.90	358.10	4726.55	3841.69	-47.65	3841.98	1238.31	4041.69	712.35	4567.65
8215	90.60	357.70	4726.13	3873.66	-48.83	3873.97	1206.34	4073.66	711.17	4568.83
8246	90.50	358.20	4725.83	3904.64	-49.94	3904.96	1175.36	4104.64	710.06	4569.94
8271	90.10	358.00	4725.70	3929.63	-50.76	3929.95	1150.37	4129.63	709.24	4570.76
8303	89.80	358.00	4725.73	3961.61	-51.88	3961.95	1118.39	4161.61	708.12	4571.88
8335	90.00	358.10	4725.78	3993.59	-52.97	3993.94	1086.41	4193.59	707.03	4572.97
8366	91.30	357.40	4725.43	4024.56	-54.19	4024.93	1055.44	4224.56	705.81	4574.19
8398	91.20	357.10	4724.73	4056.52	-55.72	4056.90	1023.48	4256.52	704.28	4575.72
8429	90.70	357.30	4724.22	4087.48	-57.24	4087.87	992.52	4287.48	702.76	4577.24
8493	91.40	357.40	4723.05	4151.40	-60.19	4151.83	928.60	4351.40	699.81	4580.19
8524	90.50	358.20	4722.53	4182.37	-61.38	4182.81	897.63	4382.37	698.62	4581.38
8556	90.60	357.80	4722.23	4214.35	-62.50	4214.80	865.65	4414.35	697.50	4582.50
8588	90.40	357.90	4721.95	4246.32	-63.70	4246.79	833.68	4446.32	696.30	4583.70
8619	90.20	357.90	4721.78	4277.30	-64.84	4277.78	802.70	4477.30	695.16	4584.84
8651	89.90	357.50	4721.76	4309.28	-66.12	4309.77	770.72	4509.28	693.88	4586.12
8683	91.60	357.90	4721.34	4341.25	-67.41	4341.76	738.75	4541.25	692.59	4587.41
8714	92.10	358.00	4720.34	4372.21	-68.51	4372.73	707.79	4572.21	691.49	4588.51
8746	91.90	358.10	4719.22	4404.17	-69.60	4404.71	675.83	4604.17	690.40	4589.60
8778	91.30	358.40	4718.33	4436.14	-70.58	4436.69	643.86	4636.14	689.42	4590.58
8809	91.00	358.00	4717.70	4467.12	-71.55	4467.68	612.88	4667.12	688.45	4591.55
8841	90.90	358.60	4717.17	4499.10	-72.50	4499.67	580.90	4699.10	687.50	4592.50
8872	91.00	358.00	4716.66	4530.09	-73.42	4530.66	549.91	4730.09	686.58	4593.42
8904	90.90	357.90	4716.13	4562.06	-74.57	4562.65	517.94	4762.06	685.43	4594.57
8936	91.00	358.40	4715.60	4594.04	-75.60	4594.64	485.96	4794.04	684.40	4595.60
8967	91.10	358.50	4715.03	4625.02	-76.44	4625.63	454.98	4825.02	683.56	4596.44
8998	91.10	358.50	4714.44	4656.01	-77.25	4656.62	423.99	4856.01	682.75	4597.25
9011	91.00	358.50	4714.20	4669.00	-77.59	4669.62	411.00	4869.00	682.41	4597.59