

	Measured Depth (ft)	Sub-Sea Incl. (ft)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	DLS (deg/100')	FNL	FSL	FWL	FEL
SHL	0	0.00	0.00	0.00	0.00	0.00	0.00	-10335.00	-5055.00	2310.00	3157.00
BHL	11024	93.06	2.85	4723.95	6749.41	-120.55	0.00	3585.59	1694.41	2189.45	3277.55
Miss Entry	5030	71.49	1.30	4734.21	766.39	2.44	6.86	-9568.61	-4288.61	2312.44	3154.56
Top Perf	5050	73.09	1.24	4740.32	785.42	2.88	7.85	-9549.58	-4269.58	2312.88	3154.12
Bottom Perf	10912	91.98	8.44	4729.20	6637.63	-124.84	3.05	3697.37	1582.63	2185.16	3281.84

	Measured Depth (ft)	Sub-Sea Incl. (ft)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	DLS (deg/100')	FNL	FSL	FWL	FEL
	0	0.0	0	0	0	0	0	-10335.00	-5055.00	2310.00	3157.00
	21	0.00	359.45	21.00	0.00	0.00	0.00	-10335.00	-5055.00	2310.00	3157.00
	1246	0.70	14.21	1245.97	7.25	1.84	0.06	-10327.75	-5047.75	2311.84	3155.16
	1720	1.29	3.61	1719.90	15.39	2.88	0.13	-10319.61	-5039.61	2312.88	3154.12
	2199	2.00	3.04	2198.70	29.11	3.67	0.15	-10305.89	-5025.89	2313.67	3153.33
	2678	1.93	343.60	2677.42	45.20	1.83	0.14	-10289.80	-5009.80	2311.83	3155.17
	2870	1.58	355.00	2869.33	50.94	0.69	0.26	-10284.06	-5004.06	2310.69	3156.31
	2967	1.69	356.93	2966.29	53.70	0.50	0.13	-10281.30	-5001.30	2310.50	3156.50
	3445	2.42	339.23	3443.98	70.17	-3.46	0.20	-10264.83	-4984.83	2306.54	3160.46
	3733	1.74	356.33	3731.80	80.22	-5.90	0.32	-10254.78	-4974.78	2304.10	3162.90
	3829	1.54	348.96	3827.76	82.94	-6.24	0.30	-10252.06	-4972.06	2303.76	3163.24
	3861	3.24	358.85	3859.73	84.27	-6.34	5.45	-10250.73	-4970.73	2303.66	3163.34
	3893	5.98	3.39	3891.62	86.84	-6.26	8.63	-10248.16	-4968.16	2303.74	3163.26
	3925	8.53	3.63	3923.36	90.87	-6.01	7.97	-10244.13	-4964.13	2303.99	3163.01
	3957	10.35	4.35	3954.93	96.10	-5.64	5.70	-10238.90	-4958.90	2304.36	3162.64
	3989	11.85	4.08	3986.33	102.25	-5.19	4.69	-10232.75	-4952.75	2304.81	3162.19
	4021	13.13	4.62	4017.57	109.15	-4.66	4.02	-10225.85	-4945.85	2305.34	3161.66
	4053	15.59	3.77	4048.57	117.06	-4.09	7.72	-10217.94	-4937.94	2305.91	3161.09
	4085	18.23	2.07	4079.18	126.36	-3.62	8.39	-10208.64	-4928.64	2306.38	3160.62
	4117	20.04	0.23	4109.41	136.84	-3.42	5.96	-10198.16	-4918.16	2306.58	3160.42
	4149	21.51	359.00	4139.33	148.19	-3.50	4.79	-10186.81	-4906.81	2306.50	3160.50

4181	22.58	358.01	4168.99	160.20	-3.82	3.54	-10174.80	-4894.80	2306.18	3160.82
4214	24.37	358.28	4199.26	173.34	-4.24	5.43	-10161.66	-4881.66	2305.76	3161.24
4246	26.72	359.30	4228.13	187.13	-4.53	7.47	-10147.87	-4867.87	2305.47	3161.53
4278	29.78	0.38	4256.31	202.28	-4.56	9.69	-10132.72	-4852.72	2305.44	3161.56
4310	32.64	0.67	4283.68	218.85	-4.41	8.95	-10116.15	-4836.15	2305.59	3161.41
4342	35.08	1.09	4310.25	236.68	-4.13	7.66	-10098.32	-4818.32	2305.87	3161.13
4374	36.61	2.06	4336.19	255.41	-3.61	5.10	-10079.59	-4799.59	2306.39	3160.61
4406	38.18	1.92	4361.61	274.83	-2.94	4.91	-10060.17	-4780.17	2307.06	3159.94
4438	40.27	2.37	4386.40	295.05	-2.18	6.59	-10039.95	-4759.95	2307.82	3159.18
4470	42.64	3.12	4410.38	316.21	-1.16	7.57	-10018.79	-4738.79	2308.84	3158.16
4502	43.95	3.36	4433.67	338.12	0.08	4.13	-9996.88	-4716.88	2310.08	3156.92
4533	45.12	2.90	4455.77	359.83	1.26	3.92	-9975.17	-4695.17	2311.26	3155.74
4564	46.70	1.19	4477.34	382.08	2.05	6.46	-9952.92	-4672.92	2312.05	3154.95
4597	49.48	0.72	4499.38	406.63	2.46	8.49	-9928.37	-4648.37	2312.46	3154.54
4629	50.51	1.19	4519.95	431.14	2.87	3.41	-9903.86	-4623.86	2312.87	3154.13
4660	50.75	0.67	4539.61	455.10	3.26	1.51	-9879.90	-4599.90	2313.26	3153.74
4692	50.98	0.29	4559.81	479.92	3.47	1.17	-9855.08	-4575.08	2313.47	3153.53
4724	51.02	359.72	4579.95	504.79	3.47	1.39	-9830.21	-4550.21	2313.47	3153.53
4756	50.93	359.50	4600.10	529.65	3.30	0.60	-9805.35	-4525.35	2313.30	3153.70
4788	51.03	358.76	4620.25	554.51	2.92	1.82	-9780.49	-4500.49	2312.92	3154.08
4820	53.40	358.81	4639.85	579.79	2.39	7.41	-9755.21	-4475.21	2312.39	3154.61
4852	57.07	359.21	4658.09	606.07	1.93	11.51	-9728.93	-4448.93	2311.93	3155.07
4884	59.87	359.57	4674.83	633.34	1.65	8.80	-9701.66	-4421.66	2311.65	3155.35
4916	62.30	359.57	4690.30	661.35	1.44	7.59	-9673.65	-4393.65	2311.44	3155.56
4948	64.97	0.10	4704.51	690.02	1.35	8.47	-9644.98	-4364.98	2311.35	3155.65
4979	68.42	0.50	4716.77	718.48	1.50	11.19	-9616.52	-4336.52	2311.50	3155.50
5011	70.08	1.48	4728.11	748.40	2.02	5.93	-9586.60	-4306.60	2312.02	3154.98
5043	72.46	1.17	4738.38	778.70	2.72	7.49	-9556.30	-4276.30	2312.72	3154.28
5075	75.36	1.48	4747.25	809.43	3.43	9.11	-9525.57	-4245.57	2313.43	3153.57
5106	78.27	1.19	4754.32	839.60	4.14	9.43	-9495.40	-4215.40	2314.14	3152.86
5138	79.65	1.47	4760.45	871.00	4.87	4.40	-9464.00	-4184.00	2314.87	3152.13
5170	81.35	2.09	4765.73	902.55	5.85	5.65	-9432.45	-4152.45	2315.85	3151.15
5203	83.26	2.11	4770.15	935.23	7.05	5.79	-9399.77	-4119.77	2317.05	3149.95
5234	86.11	1.78	4773.02	966.07	8.09	9.25	-9368.93	-4088.93	2318.09	3148.91

5266	88.40	1.96	4774.55	998.01	9.14	7.18	-9336.99	-4056.99	2319.14	3147.86
5326	90.65	1.65	4775.05	1057.98	11.03	3.79	-9277.02	-3997.02	2321.03	3145.97
5387	90.74	1.07	4774.31	1118.96	12.47	0.96	-9216.04	-3936.04	2322.47	3144.53
5478	90.34	1.13	4773.45	1209.94	14.22	0.44	-9125.06	-3845.06	2324.22	3142.78
5570	88.76	359.24	4774.17	1301.93	14.52	2.68	-9033.07	-3753.07	2324.52	3142.48
5661	89.48	358.30	4775.57	1392.89	12.56	1.30	-8942.11	-3662.11	2322.56	3144.44
5753	89.94	357.78	4776.04	1484.84	9.42	0.75	-8850.16	-3570.16	2319.42	3147.58
5845	90.57	356.86	4775.63	1576.73	5.12	1.21	-8758.27	-3478.27	2315.12	3151.88
5940	90.65	359.48	4774.62	1671.67	2.08	2.76	-8663.33	-3383.33	2312.08	3154.92
6037	90.65	359.25	4773.52	1768.66	1.01	0.24	-8566.34	-3286.34	2311.01	3155.99
6132	90.87	357.70	4772.26	1863.61	-1.52	1.65	-8471.39	-3191.39	2308.48	3158.52
6228	90.00	359.66	4771.53	1959.58	-3.73	2.23	-8375.42	-3095.42	2306.27	3160.73
6324	86.52	359.94	4774.44	2055.52	-4.07	3.64	-8279.48	-2999.48	2305.93	3161.07
6421	88.12	0.21	4778.98	2152.41	-3.94	1.67	-8182.59	-2902.59	2306.06	3160.94
6517	91.02	359.48	4779.70	2248.40	-4.20	3.12	-8086.60	-2806.60	2305.80	3161.20
6612	90.74	0.51	4778.24	2343.39	-4.21	1.12	-7991.61	-2711.61	2305.79	3161.21
6709	91.86	358.60	4776.04	2440.35	-4.96	2.28	-7894.65	-2614.65	2305.04	3161.96
6804	90.62	358.25	4773.98	2535.29	-7.57	1.36	-7799.71	-2519.71	2302.43	3164.57
6900	91.14	357.56	4772.51	2631.21	-11.08	0.90	-7703.79	-2423.79	2298.92	3168.08
6996	90.06	356.08	4771.50	2727.06	-16.40	1.91	-7607.94	-2327.94	2293.60	3173.40
7092	91.33	355.52	4770.34	2822.79	-23.44	1.45	-7512.21	-2232.21	2286.56	3180.44
7188	91.64	355.44	4767.85	2918.46	-31.00	0.33	-7416.54	-2136.54	2279.00	3188.00
7282	91.67	355.60	4765.13	3012.13	-38.34	0.17	-7322.87	-2042.87	2271.66	3195.34
7378	90.83	355.34	4763.04	3107.81	-45.92	0.92	-7227.19	-1947.19	2264.08	3202.92
7473	89.63	356.42	4762.66	3202.56	-52.74	1.70	-7132.44	-1852.44	2257.26	3209.74
7568	89.37	358.11	4763.49	3297.44	-57.28	1.80	-7037.56	-1757.56	2252.72	3214.28
7632	87.56	356.01	4765.20	3361.33	-60.56	4.33	-6973.67	-1693.67	2249.44	3217.56
7693	88.85	359.61	4767.11	3422.25	-62.88	6.27	-6912.75	-1632.75	2247.12	3219.88
7753	90.37	359.52	4767.52	3482.24	-63.34	2.54	-6852.76	-1572.76	2246.66	3220.34
7814	89.22	358.65	4767.74	3543.23	-64.31	2.36	-6791.77	-1511.77	2245.69	3221.31
7875	89.94	359.75	4768.19	3604.22	-65.17	2.16	-6730.78	-1450.78	2244.83	3222.17
7936	89.44	0.57	4768.52	3665.22	-65.00	1.57	-6669.78	-1389.78	2245.00	3222.00
7997	89.15	0.83	4769.27	3726.21	-64.25	0.64	-6608.79	-1328.79	2245.75	3221.25
8059	90.56	2.03	4769.43	3788.19	-62.70	2.99	-6546.81	-1266.81	2247.30	3219.70

8150	89.66	0.22	4769.25	3879.17	-60.92	2.22	-6455.83	-1175.83	2249.08	3217.92
8241	92.04	1.84	4767.90	3970.13	-59.28	3.16	-6364.87	-1084.87	2250.72	3216.28
8333	91.73	1.45	4764.87	4062.04	-56.64	0.54	-6272.96	-992.96	2253.36	3213.64
8426	91.69	2.04	4762.10	4154.96	-53.81	0.64	-6180.04	-900.04	2256.19	3210.81
8518	91.82	1.90	4759.28	4246.86	-50.65	0.21	-6088.14	-808.14	2259.35	3207.65
8609	91.82	1.45	4756.39	4337.78	-47.99	0.49	-5997.22	-717.22	2262.01	3204.99
8699	91.66	0.53	4753.66	4427.72	-46.44	1.04	-5907.28	-627.28	2263.56	3203.44
8790	90.59	1.18	4751.87	4518.69	-45.08	1.38	-5816.31	-536.31	2264.92	3202.08
8886	88.85	359.62	4752.34	4614.68	-44.41	2.43	-5720.32	-440.32	2265.59	3201.41
8981	89.38	0.21	4753.81	4709.67	-44.55	0.83	-5625.33	-345.33	2265.45	3201.55
9076	91.12	357.57	4753.39	4804.64	-46.39	3.33	-5530.36	-250.36	2263.61	3203.39
9172	90.44	358.74	4752.09	4900.58	-49.48	1.41	-5434.42	-154.42	2260.52	3206.48
9260	90.76	358.44	4751.17	4988.55	-51.65	0.50	-5346.45	-66.45	2258.35	3208.65
9324	90.95	357.82	4750.21	5052.50	-53.73	1.01	-5282.50	-2.50	2256.27	3210.73
9387	90.83	358.65	4749.23	5115.47	-55.67	1.33	5219.53	60.47	2254.33	3212.67
9482	91.51	358.45	4747.29	5210.42	-58.08	0.75	5124.58	155.42	2251.92	3215.08
9577	90.75	357.34	4745.42	5305.33	-61.57	1.42	5029.67	250.33	2248.43	3218.57
9672	90.52	355.22	4744.37	5400.12	-67.73	2.24	4934.88	345.12	2242.27	3224.73
9768	89.10	356.38	4744.68	5495.86	-74.76	1.91	4839.14	440.86	2235.24	3231.76
9863	88.64	356.44	4746.56	5590.65	-80.71	0.49	4744.35	535.65	2229.29	3237.71
9958	88.29	355.34	4749.10	5685.37	-87.51	1.21	4649.63	630.37	2222.49	3244.51
10051	90.37	354.75	4750.19	5778.01	-95.55	2.32	4556.99	723.01	2214.45	3252.55
10146	90.96	356.91	4749.09	5872.75	-102.45	2.36	4462.25	817.75	2207.55	3259.45
10241	91.48	356.77	4747.06	5967.58	-107.69	0.57	4367.42	912.58	2202.31	3264.69
10339	92.77	358.15	4743.43	6065.41	-112.03	1.93	4269.59	1010.41	2197.97	3269.03
10435	94.49	358.56	4737.35	6161.18	-114.78	1.84	4173.82	1106.18	2195.22	3271.78
10531	94.37	358.54	4729.94	6256.86	-117.20	0.13	4078.14	1201.86	2192.80	3274.20
10626	88.55	358.10	4727.52	6351.75	-119.98	6.14	3983.25	1296.75	2190.02	3276.98
10722	88.82	358.67	4729.72	6447.68	-122.69	0.66	3887.32	1392.68	2187.31	3279.69
10818	89.91	358.89	4730.79	6543.65	-124.73	1.16	3791.35	1488.65	2185.27	3281.73
10914	92.02	0.98	4729.17	6639.63	-124.84	3.09	3695.37	1584.63	2185.16	3281.84
10986	93.06	2.85	4725.98	6711.52	-122.44	2.97	3623.48	1656.52	2187.56	3279.44
11024	93.06	2.85	4723.95	6749.41	-120.55	0.00	3585.59	1694.41	2189.45	3277.55