

Measured		Sub-Sea		Vertical		Local Coordinates		UTM Coordinates		Vertical	Dogleg
Depth	Incl.	Azim.	Depth	Depth	Depth	Northings	Eastings	Northings	Eastings	Section	Rate
(ft)		(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°/100ft)		
0.00	0.000	0.000	-8176.28	0.00	0.00 N	0.00 E	1384319.286 N	3080170.022 E	0.00	0.00	0.00
100.00	0.000	0.000	-8076.28	100.00	0.00 N	0.00 E	1384319.286 N	3080170.022 E	0.00	0.00	0.00
200.00	0.000	0.000	-7976.28	200.00	0.00 N	0.00 E	1384319.286 N	3080170.022 E	0.00	0.00	0.00
300.00	0.000	0.000	-7876.28	300.00	0.00 N	0.00 E	1384319.286 N	3080170.022 E	0.00	0.00	0.00
313.60	0.000	0.000	-7862.68	313.60	0.00 N	0.00 E	1384319.286 N	3080170.022 E	0.00	0.00	0.00
400.00	0.000	0.000	-7776.28	400.00	0.00 N	0.00 E	1384319.286 N	3080170.022 E	0.00	0.00	0.00
500.00	0.000	0.000	-7676.28	500.00	0.00 N	0.00 E	1384319.286 N	3080170.022 E	0.00	0.00	0.00
600.00	0.000	0.000	-7576.28	600.00	0.00 N	0.00 E	1384319.286 N	3080170.022 E	0.00	0.00	0.00
700.00	0.000	0.000	-7476.28	700.00	0.00 N	0.00 E	1384319.286 N	3080170.022 E	0.00	0.00	0.00
800.00	0.000	0.000	-7376.28	800.00	0.00 N	0.00 E	1384319.286 N	3080170.022 E	0.00	0.00	0.00
900.00	0.000	0.000	-7276.28	900.00	0.00 N	0.00 E	1384319.286 N	3080170.022 E	0.00	0.00	0.00
976.00	0.000	0.000	-7200.28	976.00	0.00 N	0.00 E	1384319.286 N	3080170.022 E	0.00	0.00	0.00
1000.00	0.000	0.000	-7176.28	1000.00	0.00 N	0.00 E	1384319.286 N	3080170.022 E	0.00	0.00	0.00
1100.00	0.000	0.000	-7076.28	1100.00	0.00 N	0.00 E	1384319.286 N	3080170.022 E	0.00	0.00	0.00
1176.00	0.000	0.000	-7000.28	1176.00	0.00 N	0.00 E	1384319.286 N	3080170.022 E	0.00	0.00	0.00

1200.00	0.720	25.643	-6976.28	1200.00	0.14 N	0.07 E	1384319.422 N	3080170.087 E	0.15	3.00
1300.00	3.720	25.643	-6876.37	1299.91	3.63 N	1.74 E	1384322.913 N	3080171.763 E	4.02	3.00
1400.00	6.720	25.643	-6776.79	1399.49	11.83 N	5.68 E	1384331.114 N	3080175.700 E	13.12	3.00
1500.00	9.720	25.643	-6677.83	1498.45	24.72 N	11.86 E	1384344.001 N	3080181.886 E	27.41	3.00
1600.00	12.720	25.643	-6579.75	1596.53	42.26 N	20.28 E	1384361.539 N	3080190.305 E	46.86	3.00
1700.00	15.720	25.643	-6482.83	1693.45	64.40 N	30.91 E	1384383.681 N	3080200.934 E	71.42	3.00
1800.00	18.720	25.643	-6387.32	1788.96	91.08 N	43.72 E	1384410.365 N	3080213.744 E	101.01	3.00
1900.00	21.720	25.643	-6293.50	1882.78	122.24 N	58.68 E	1384441.518 N	3080228.698 E	135.57	3.00
2000.00	24.720	25.643	-6201.61	1974.67	157.78 N	75.74 E	1384477.055 N	3080245.758 E	174.98	3.00
2100.00	27.720	25.643	-6111.91	2064.37	197.60 N	94.86 E	1384516.879 N	3080264.875 E	219.15	3.00
2130.25	28.627	25.643	-6085.25	2091.03	210.48 N	101.04 E	1384529.752 N	3080271.054 E	233.42	3.00
2200.00	30.720	25.643	-6024.64	2151.64	241.61 N	115.98 E	1384560.880 N	3080285.997 E	267.95	3.00
2226.82	31.525	25.643	-6001.68	2174.60	254.11 N	121.98 E	1384573.377 N	3080291.996 E	281.81	3.00
2245.61	31.525	25.643	-5985.66	2190.62	262.96 N	126.23 E	1384582.233 N	3080296.247 E	291.63	0.00
2300.00	31.525	25.643	-5939.30	2236.98	288.60 N	138.54 E	1384607.869 N	3080308.554 E	320.06	0.00
2400.00	31.525	25.643	-5854.06	2322.22	335.74 N	161.17 E	1384655.003 N	3080331.180 E	372.34	0.00
2500.00	31.525	25.643	-5768.82	2407.46	382.87 N	183.79 E	1384702.138 N	3080353.807 E	424.61	0.00
2600.00	31.525	25.643	-5683.58	2492.70	430.01 N	206.42 E	1384749.272 N	3080376.433 E	476.89	0.00

2700.00	31.525	25.643	-5598.34	2577.94	477.15 N	229.05 E	1384796.406 N	3080399.059 E	529.17	0.00
2800.00	31.525	25.643	-5513.09	2663.19	524.28 N	251.68 E	1384843.541 N	3080421.686 E	581.44	0.00
2895.55	31.525	25.643	-5431.65	2744.63	569.32 N	273.30 E	1384888.578 N	3080443.305 E	631.39	0.00
2900.00	31.525	25.643	-5427.85	2748.43	571.42 N	274.30 E	1384890.675 N	3080444.312 E	633.72	0.00
2973.55	31.525	25.643	-5365.16	2811.12	606.09 N	290.95 E	1384925.340 N	3080460.953 E	672.16	0.00
3000.00	31.525	25.643	-5342.61	2833.67	618.56 N	296.93 E	1384937.809 N	3080466.939 E	685.99	0.00
3045.73	31.525	25.643	-5303.63	2872.65	640.11 N	307.28 E	1384959.362 N	3080477.285 E	709.90	0.00
3100.00	31.525	25.643	-5257.37	2918.91	665.69 N	319.56 E	1384984.944 N	3080489.565 E	738.27	0.00
3200.00	31.525	25.643	-5172.13	3004.15	712.83 N	342.19 E	1385032.078 N	3080512.191 E	790.54	0.00
3295.45	31.525	25.643	-5090.76	3085.52	757.82 N	363.79 E	1385077.069 N	3080533.789 E	840.44	0.00
3300.00	31.525	25.643	-5086.89	3089.39	759.97 N	364.82 E	1385079.212 N	3080534.818 E	842.82	0.00
3400.00	31.525	25.643	-5001.65	3174.63	807.10 N	387.44 E	1385126.347 N	3080557.444 E	895.10	0.00
3451.44	31.525	25.643	-4957.80	3218.48	831.35 N	399.08 E	1385150.593 N	3080569.084 E	921.99	0.00
3500.00	31.525	25.643	-4916.40	3259.88	854.24 N	410.07 E	1385173.481 N	3080580.071 E	947.37	0.00
3543.12	31.525	25.643	-4879.65	3296.63	874.57 N	419.83 E	1385193.806 N	3080589.827 E	969.91	0.00
3600.00	31.525	25.643	-4831.16	3345.12	901.38 N	432.70 E	1385220.615 N	3080602.697 E	999.65	0.00
3700.00	31.525	25.643	-4745.92	3430.36	948.51 N	455.33 E	1385267.750 N	3080625.323 E	1051.92	0.00
3800.00	31.525	25.643	-4660.68	3515.60	995.65 N	477.95 E	1385314.884 N	3080647.950 E	1104.20	0.00

3896.15	31.525	25.643	-4578.72	3597.56	1040.97 N	499.71 E	1385360.206 N	3080669.706 E	1154.47	0.00
3900.00	31.525	25.643	-4575.44	3600.84	1042.79 N	500.58 E	1385362.018 N	3080670.576 E	1156.48	0.00
4000.00	31.525	25.643	-4490.20	3686.08	1089.92 N	523.21 E	1385409.153 N	3080693.203 E	1208.75	0.00
4100.00	31.525	25.643	-4404.96	3771.32	1137.06 N	545.84 E	1385456.287 N	3080715.829 E	1261.03	0.00
4200.00	31.525	25.643	-4319.71	3856.57	1184.20 N	568.46 E	1385503.421 N	3080738.455 E	1313.30	0.00
4300.00	31.525	25.643	-4234.47	3941.81	1231.33 N	591.09 E	1385550.556 N	3080761.082 E	1365.58	0.00
4313.50	31.525	25.643	-4222.97	3953.31	1237.70 N	594.15 E	1385556.917 N	3080764.136 E	1372.63	0.00
4400.00	31.525	25.643	-4149.23	4027.05	1278.47 N	613.72 E	1385597.690 N	3080783.708 E	1417.85	0.00
4500.00	31.525	25.643	-4063.99	4112.29	1325.61 N	636.35 E	1385644.824 N	3080806.335 E	1470.13	0.00
4551.60	31.525	25.643	-4020.01	4156.27	1349.93 N	648.02 E	1385669.144 N	3080818.009 E	1497.10	0.00
4600.00	31.525	25.643	-3978.75	4197.53	1372.75 N	658.97 E	1385691.959 N	3080828.961 E	1522.41	0.00
4700.00	31.525	25.643	-3893.51	4282.77	1419.88 N	681.60 E	1385739.093 N	3080851.587 E	1574.68	0.00
4800.00	31.525	25.643	-3808.26	4368.02	1467.02 N	704.23 E	1385786.227 N	3080874.214 E	1626.96	0.00
4900.00	31.525	25.643	-3723.02	4453.26	1514.16 N	726.86 E	1385833.361 N	3080896.840 E	1679.23	0.00
4968.00	31.525	25.643	-3665.06	4511.22	1546.21 N	742.24 E	1385865.413 N	3080912.226 E	1714.78	0.00
4968.07	31.525	25.643	-3665.00	4511.28	1546.24 N	742.26 E	1385865.446 N	3080912.242 E	1714.82	0.00
5000.00	31.398	25.619	-3637.76	4538.52	1561.27 N	749.47 E	1385880.470 N	3080919.451 E	1731.48	0.40
5100.00	31.002	25.543	-3552.23	4624.05	1607.99 N	771.84 E	1385927.193 N	3080941.817 E	1783.27	0.40

5200.00	30.606	25.466	-3466.34	4709.94	1654.21 N	793.89 E	1385973.410 N	3080963.867 E	1834.48	0.40
5300.00	30.210	25.386	-3380.09	4796.19	1699.92 N	815.62 E	1386019.121 N	3080985.597 E	1885.08	0.40
5400.00	29.814	25.305	-3293.50	4882.78	1745.13 N	837.03 E	1386064.322 N	3081007.008 E	1935.10	0.40
5500.00	29.419	25.221	-3206.56	4969.72	1789.82 N	858.12 E	1386109.012 N	3081028.098 E	1984.51	0.40
5600.00	29.023	25.136	-3119.29	5056.99	1834.00 N	878.89 E	1386153.189 N	3081048.866 E	2033.33	0.40
5700.00	28.627	25.048	-3031.68	5144.60	1877.66 N	899.34 E	1386196.850 N	3081069.311 E	2081.54	0.40
5800.00	28.231	24.959	-2943.74	5232.54	1920.81 N	919.46 E	1386239.993 N	3081089.432 E	2129.14	0.40
5900.00	27.836	24.866	-2855.47	5320.81	1963.43 N	939.26 E	1386282.616 N	3081109.229 E	2176.14	0.40
6000.00	27.440	24.772	-2766.88	5409.40	2005.54 N	958.73 E	1386324.718 N	3081128.700 E	2222.53	0.40
6100.00	27.045	24.675	-2677.98	5498.30	2047.12 N	977.87 E	1386366.295 N	3081147.844 E	2268.30	0.40
6200.00	26.649	24.575	-2588.75	5587.53	2088.17 N	996.69 E	1386407.347 N	3081166.661 E	2313.46	0.40
6300.00	26.254	24.472	-2499.22	5677.06	2128.70 N	1015.18 E	1386447.870 N	3081185.149 E	2358.01	0.40
6400.00	25.859	24.367	-2409.39	5766.89	2168.69 N	1033.34 E	1386487.864 N	3081203.307 E	2401.93	0.40
6500.00	25.464	24.258	-2319.25	5857.03	2208.16 N	1051.17 E	1386527.326 N	3081221.136 E	2445.24	0.40
6600.00	25.068	24.146	-2228.82	5947.46	2247.09 N	1068.67 E	1386566.254 N	3081238.633 E	2487.92	0.40
6700.00	24.673	24.031	-2138.09	6038.19	2285.48 N	1085.83 E	1386604.647 N	3081255.798 E	2529.97	0.40
6800.00	24.278	23.913	-2047.08	6129.20	2323.34 N	1102.67 E	1386642.502 N	3081272.630 E	2571.40	0.40
6900.00	23.884	23.790	-1955.78	6220.50	2360.66 N	1119.17 E	1386679.818 N	3081289.129 E	2612.20	0.40

7000.00	23.489	23.664	-1864.21	6312.07	2397.43 N	1135.33 E	1386716.593 N	3081305.293 E	2652.37	0.40
7100.00	23.094	23.534	-1772.36	6403.92	2433.67 N	1151.16 E	1386752.825 N	3081321.123 E	2691.91	0.40
7200.00	22.700	23.400	-1680.24	6496.04	2469.36 N	1166.66 E	1386788.512 N	3081336.616 E	2730.81	0.40
7300.00	22.305	23.261	-1587.85	6588.43	2504.50 N	1181.81 E	1386823.654 N	3081351.772 E	2769.07	0.40
7400.00	21.911	23.117	-1495.20	6681.08	2539.09 N	1196.63 E	1386858.247 N	3081366.591 E	2806.70	0.40
7500.00	21.517	22.968	-1402.30	6773.98	2573.14 N	1211.11 E	1386892.290 N	3081381.072 E	2843.69	0.40
7600.00	21.123	22.814	-1309.14	6867.14	2606.63 N	1225.26 E	1386925.782 N	3081395.214 E	2880.03	0.40
7700.00	20.729	22.654	-1215.74	6960.54	2639.58 N	1239.06 E	1386958.722 N	3081409.016 E	2915.73	0.40
7800.00	20.335	22.489	-1122.09	7054.19	2671.96 N	1252.52 E	1386991.106 N	3081422.479 E	2950.78	0.40
7900.00	19.942	22.317	-1028.20	7148.08	2703.79 N	1265.64 E	1387022.935 N	3081435.600 E	2985.19	0.40
8000.00	19.548	22.139	-934.08	7242.20	2735.06 N	1278.43 E	1387054.206 N	3081448.380 E	3018.95	0.40
8100.00	19.155	21.953	-839.73	7336.55	2765.78 N	1290.86 E	1387084.918 N	3081460.817 E	3052.05	0.40
8200.00	18.762	21.761	-745.16	7431.12	2795.93 N	1302.96 E	1387115.069 N	3081472.912 E	3084.51	0.40
8300.00	18.369	21.560	-650.36	7525.92	2825.52 N	1314.71 E	1387144.658 N	3081484.664 E	3116.31	0.40
8400.00	17.977	21.350	-555.35	7620.93	2854.55 N	1326.12 E	1387173.684 N	3081496.072 E	3147.45	0.40
8500.00	17.584	21.132	-460.13	7716.15	2883.01 N	1337.18 E	1387202.145 N	3081507.136 E	3177.94	0.40
8600.00	17.192	20.904	-364.70	7811.58	2910.91 N	1347.90 E	1387230.040 N	3081517.854 E	3207.77	0.40
8667.67	16.927	20.744	-300.00	7876.28	2929.46 N	1354.96 E	1387248.595 N	3081524.912 E	3227.59	0.40

8700.00	16.927	20.744	-269.08	7907.20	2938.27 N	1358.29 E	1387257.396 N	3081528.245 E	3236.98	0.00
8800.00	16.927	20.744	-173.41	8002.87	2965.49 N	1368.61 E	1387284.623 N	3081538.557 E	3266.03	0.00
8900.00	16.927	20.744	-77.74	8098.54	2992.72 N	1378.92 E	1387311.849 N	3081548.869 E	3295.08	0.00
9000.00	16.927	20.744	17.93	8194.21	3019.95 N	1389.23 E	1387339.076 N	3081559.181 E	3324.14	0.00
9100.00	16.927	20.744	113.59	8289.87	3047.18 N	1399.54 E	1387366.303 N	3081569.493 E	3353.19	0.00
9200.00	16.927	20.744	209.26	8385.54	3074.41 N	1409.86 E	1387393.529 N	3081579.805 E	3382.25	0.00
9300.00	16.927	20.744	304.93	8481.21	3101.63 N	1420.17 E	1387420.756 N	3081590.117 E	3411.30	0.00
9400.00	16.927	20.744	400.60	8576.88	3128.86 N	1430.48 E	1387447.982 N	3081600.429 E	3440.35	0.00
9500.00	16.927	20.744	496.26	8672.54	3156.09 N	1440.79 E	1387475.209 N	3081610.741 E	3469.41	0.00
9600.00	16.927	20.744	591.93	8768.21	3183.32 N	1451.11 E	1387502.435 N	3081621.053 E	3498.46	0.00
9681.31	16.927	20.744	669.72	8846.00	3205.46 N	1459.49 E	1387524.574 N	3081629.437 E	3522.08	0.00
9681.60	16.927	20.744	670.00	8846.28	3205.54 N	1459.52 E	1387524.653 N	3081629.468 E	3522.17	0.00