



CENTOFANTE ENGENHARIA LTDA
CIVIL – FLORESTAL – SEGURANÇA DO TRABALHO
CNPJ: 47.898.177/0001-10

TABELA DE VOLUMES - PROJETO GEOMÉTRICO - RODOVIA INTEGRAÇÃO DO MERCOSUL

KM	Área de Corte (m²)	Volume de Corte (m³)	Volume reutilizável (m³)	Área de Aterro (m²)	Volume de Aterro (m³)	Volume acumulado de corte (m³)	Volume reutilizável acumulado (m³)	Volume acumulado de aterro (m³)	Volume líquido acumulado (m³)
0+000.000	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0+020.000	6.57	66.16	66.16	0.00	0.00	66.16	66.16	0.00	66.16
0+040.000	2.02	85.86	85.86	0.10	1.03	152.02	152.02	1.03	150.99
0+060.000	1.16	31.72	31.72	4.02	41.25	183.74	183.74	42.28	141.47
0+080.000	1.08	22.40	22.40	5.91	99.28	206.14	206.14	141.55	64.59
0+100.000	0.10	11.82	11.82	4.75	106.58	217.96	217.96	248.13	-30.17
0+109.822	0.01	0.55	0.55	6.20	53.78	218.51	218.51	301.92	-83.40
0+120.000	1.62	8.29	8.29	2.88	46.19	226.81	226.81	348.10	-121.29
0+140.000	20.05	216.62	216.62	0.93	38.03	443.42	443.42	386.13	57.29
0+160.000	46.09	661.36	661.36	1.16	20.87	1104.78	1104.78	407.00	697.78
0+180.000	43.69	897.76	897.76	0.00	11.60	2002.54	2002.54	418.60	1583.94
0+200.000	42.62	863.09	863.09	0.00	0.00	2865.63	2865.63	418.60	2447.02
0+219.644	10.73	524.05	524.05	0.71	6.98	3389.67	3389.67	425.59	2964.09
0+220.000	9.25	3.55	3.55	0.73	0.26	3393.22	3393.22	425.84	2967.38
0+240.000	0.31	95.68	95.68	4.90	56.32	3488.91	3488.91	482.16	3006.75
0+260.000	0.08	3.91	3.91	6.84	117.42	3492.81	3492.81	599.58	2893.23
0+280.000	0.27	3.47	3.47	5.96	128.02	3496.29	3496.29	727.60	2768.68
0+300.000	1.27	15.46	15.46	3.21	91.67	3511.74	3511.74	819.27	2692.47
0+320.000	1.76	30.39	30.39	1.58	47.91	3542.13	3542.13	867.18	2674.95
0+340.000	10.54	123.09	123.09	1.83	34.12	3665.22	3665.22	901.30	2763.92
0+360.000	9.65	201.94	201.94	1.41	32.40	3867.16	3867.16	933.70	2933.46
0+380.000	16.21	258.59	258.59	0.71	21.16	4125.75	4125.75	954.86	3170.89
0+400.000	6.80	230.08	230.08	1.42	21.24	4355.83	4355.83	976.11	3379.72
0+420.000	9.47	162.66	162.66	1.47	28.87	4518.49	4518.49	1004.98	3513.51
0+440.000	6.79	162.54	162.54	3.70	51.68	4681.03	4681.03	1056.66	3624.37

0+460.000	8.84	156.21	156.21	7.13	108.26	4837.24	4837.24	1164.92	3672.32
0+480.000	9.66	184.95	184.95	10.46	175.90	5022.19	5022.19	1340.81	3681.38
0+500.000	13.64	233.03	233.03	8.40	188.61	5255.22	5255.22	1529.42	3725.80
0+500.820	13.77	11.24	11.24	8.29	6.84	5266.46	5266.46	1536.27	3730.20
0+520.000	10.39	231.56	231.56	8.59	160.39	5498.03	5498.03	1696.66	3801.37
0+540.000	0.71	110.93	110.93	12.09	205.07	5608.96	5608.96	1901.73	3707.23
0+544.226	3.97	9.89	9.89	10.14	46.97	5618.85	5618.85	1948.70	3670.15
0+560.000	6.11	79.63	79.63	8.65	146.70	5698.49	5698.49	2095.40	3603.08
0+580.000	7.33	134.58	134.58	5.12	136.24	5833.07	5833.07	2231.64	3601.43
0+587.631	7.01	54.69	54.69	4.39	36.29	5887.76	5887.76	2267.93	3619.83
0+600.000	7.65	90.63	90.63	3.21	47.01	5978.39	5978.39	2314.94	3663.45
0+620.000	12.38	200.31	200.31	1.75	49.59	6178.69	6178.69	2364.53	3814.17
0+640.000	5.25	176.31	176.31	2.58	43.34	6355.00	6355.00	2407.87	3947.13
0+660.000	7.11	123.60	123.60	2.35	49.37	6478.60	6478.60	2457.24	4021.37
0+680.000	5.73	128.41	128.41	1.51	38.66	6607.01	6607.01	2495.90	4111.11
0+700.000	0.61	63.35	63.35	5.75	72.59	6670.36	6670.36	2568.49	4101.87
0+720.000	0.00	6.06	6.06	5.44	111.86	6676.42	6676.42	2680.35	3996.07
0+740.000	0.00	0.03	0.03	3.54	89.82	6676.45	6676.45	2770.18	3906.27
0+760.000	1.30	13.05	13.05	1.27	48.17	6689.50	6689.50	2818.35	3871.16
0+780.000	0.74	20.41	20.41	3.34	46.18	6709.91	6709.91	2864.53	3845.38
0+800.000	0.66	13.97	13.97	5.02	83.61	6723.88	6723.88	2948.14	3775.74
0+820.000	4.69	53.49	53.49	1.79	68.06	6777.37	6777.37	3016.20	3761.17
0+824.124	4.70	19.37	19.37	1.87	7.55	6796.74	6796.74	3023.75	3773.00
0+840.000	6.09	85.58	85.58	1.32	24.58	6882.32	6882.32	3048.33	3833.99
0+860.000	4.97	110.42	110.42	1.14	23.80	6992.74	6992.74	3072.12	3920.62
0+880.000	6.33	112.78	112.78	0.55	16.30	7105.52	7105.52	3088.42	4017.10
0+900.000	8.29	146.16	146.16	1.17	16.54	7251.68	7251.68	3104.96	4146.72
0+920.000	5.54	138.49	138.49	2.76	37.96	7390.17	7390.17	3142.92	4247.25
0+926.828	4.95	35.93	35.93	2.53	17.47	7426.10	7426.10	3160.39	4265.71
0+940.000	3.38	55.07	55.07	2.17	29.94	7481.17	7481.17	3190.33	4290.85
0+960.000	4.24	76.82	76.82	2.85	48.62	7557.99	7557.99	3238.94	4319.05
0+980.000	2.42	67.35	67.35	4.76	73.66	7625.34	7625.34	3312.60	4312.74
1+000.000	2.45	48.79	48.79	8.71	131.11	7674.13	7674.13	3443.71	4230.42
1+020.000	7.89	103.42	103.42	3.54	119.32	7777.55	7777.55	3563.03	4214.53
1+029.532	12.57	97.56	97.56	0.63	19.23	7875.12	7875.12	3582.26	4292.86
1+040.000	3.31	83.22	83.22	0.73	7.25	7958.34	7958.34	3589.51	4368.83
1+060.000	7.04	103.44	103.44	0.85	15.71	8061.78	8061.78	3605.22	4456.56
1+080.000	7.74	147.76	147.76	0.77	16.20	8209.54	8209.54	3621.41	4588.13

1+100.000	10.98	187.14	187.14	0.18	9.56	8396.68	8396.68	3630.97	4765.71
1+106.531	13.74	80.70	80.70	0.12	1.00	8477.38	8477.38	3631.97	4845.42
1+120.000	22.85	245.54	245.54	0.00	0.89	8722.92	8722.92	3632.85	5090.06
1+140.000	20.34	434.43	434.43	1.59	14.67	9157.35	9157.35	3647.52	5509.83
1+158.913	19.82	381.98	381.98	0.02	14.03	9539.33	9539.33	3661.55	5877.78
1+160.000	20.77	22.05	22.05	0.00	0.01	9561.38	9561.38	3661.56	5899.82
1+180.000	41.90	632.39	632.39	0.00	0.00	10193.77	10193.77	3661.56	6532.21
1+200.000	17.42	601.56	601.56	0.02	0.15	10795.33	10795.33	3661.71	7133.63
1+211.295	2.74	114.07	114.07	4.86	29.61	10909.41	10909.41	3691.32	7218.09
1+220.000	3.66	29.70	29.70	9.00	57.40	10939.10	10939.10	3748.71	7190.39
1+240.000	9.24	129.02	129.02	1.07	100.75	11068.12	11068.12	3849.46	7218.66
1+260.000	19.37	286.08	286.08	0.00	10.70	11354.20	11354.20	3860.16	7494.04
1+280.000	11.34	307.10	307.10	1.88	18.78	11661.30	11661.30	3878.94	7782.36
1+300.000	9.04	203.77	203.77	0.02	18.95	11865.07	11865.07	3897.89	7967.18
1+320.000	2.45	114.92	114.92	10.79	108.03	11979.99	11979.99	4005.92	7974.07
1+340.000	1.30	37.54	37.54	18.97	297.54	12017.53	12017.53	4303.46	7714.07
1+360.000	0.70	20.00	20.00	22.70	416.66	12037.53	12037.53	4720.13	7317.40
1+380.000	0.00	7.00	7.00	23.75	464.50	12044.53	12044.53	5184.63	6859.90
1+400.000	0.02	0.17	0.17	21.87	456.18	12044.70	12044.70	5640.82	6403.88
1+420.000	0.25	2.70	2.70	11.54	334.05	12047.40	12047.40	5974.87	6072.53
1+440.000	0.83	10.81	10.81	5.77	173.05	12058.20	12058.20	6147.92	5910.29
1+460.000	5.00	58.23	58.23	3.13	88.94	12116.44	12116.44	6236.85	5879.58
1+480.000	9.18	141.80	141.80	5.02	81.51	12258.24	12258.24	6318.36	5939.88
1+500.000	28.95	381.32	381.32	0.00	50.24	12639.56	12639.56	6368.60	6270.96
1+520.000	10.03	389.73	389.73	4.04	40.37	13029.29	13029.29	6408.96	6620.33
1+540.000	12.04	220.63	220.63	0.68	47.17	13249.92	13249.92	6456.13	6793.79
1+560.000	10.21	222.46	222.46	1.22	19.01	13472.39	13472.39	6475.14	6997.25
1+564.331	8.04	39.52	39.52	1.57	6.05	13511.90	13511.90	6481.19	7030.72
1+580.000	1.49	73.32	73.32	2.46	36.09	13585.22	13585.22	6517.28	7067.95
1+582.248	1.21	2.76	2.76	2.35	5.69	13587.98	13587.98	6522.97	7065.01
1+600.000	1.06	19.59	19.59	5.71	72.57	13607.57	13607.57	6595.54	7012.03
1+600.166	1.10	0.18	0.18	5.78	0.95	13607.75	13607.75	6596.50	7011.25
1+620.000	1.72	28.47	28.47	7.00	126.80	13636.23	13636.23	6723.30	6912.93
1+623.549	1.26	6.25	6.25	6.20	23.39	13642.48	13642.48	6746.69	6895.79
1+640.000	4.55	51.35	51.35	0.25	52.78	13693.83	13693.83	6799.47	6894.36
1+646.931	5.34	36.48	36.48	0.49	2.27	13730.30	13730.30	6801.74	6928.57
1+660.000	1.57	46.41	46.41	2.39	18.37	13776.71	13776.71	6820.11	6956.60
1+680.000	0.00	15.73	15.73	9.99	123.74	13792.44	13792.44	6943.86	6848.58

1+700.000	1.78	17.75	17.75	7.35	173.36	13810.19	13810.19	7117.21	6692.98
1+720.000	4.25	60.22	60.22	2.35	97.00	13870.41	13870.41	7214.21	6656.19
1+728.281	2.88	29.52	29.52	4.61	28.80	13899.93	13899.93	7243.01	6656.92
1+740.000	10.20	77.13	77.13	0.12	28.35	13977.06	13977.06	7271.36	6705.69
1+760.000	8.77	191.19	191.19	1.03	10.80	14168.25	14168.25	7282.16	6886.08
1+780.000	0.58	94.27	94.27	8.91	98.79	14262.52	14262.52	7380.96	6881.56
1+781.302	0.55	0.74	0.74	9.31	11.85	14263.25	14263.25	7392.81	6870.44
1+800.000	4.87	50.47	50.47	0.67	93.32	14313.72	14313.72	7486.13	6827.59
1+820.000	7.01	119.26	119.26	0.41	10.31	14432.98	14432.98	7496.44	6936.54
1+834.322	8.72	113.03	113.03	0.96	9.44	14546.02	14546.02	7505.88	7040.14
1+840.000	9.37	51.29	51.29	0.36	3.72	14597.31	14597.31	7509.60	7087.70
1+860.000	9.03	183.95	183.95	2.30	26.54	14781.25	14781.25	7536.14	7245.11
1+880.000	3.28	123.11	123.11	6.04	83.34	14904.37	14904.37	7619.48	7284.89
1+900.000	3.70	69.87	69.87	2.86	89.02	14974.24	14974.24	7708.50	7265.74
1+920.000	3.56	72.66	72.66	8.18	110.46	15046.90	15046.90	7818.96	7227.94
1+940.000	0.61	41.71	41.71	5.81	139.89	15088.60	15088.60	7958.85	7129.75
1+960.000	2.22	28.35	28.35	3.23	90.42	15116.95	15116.95	8049.27	7067.68
1+980.000	3.30	55.29	55.29	3.17	64.01	15172.24	15172.24	8113.28	7058.96
2+000.000	0.92	42.28	42.28	8.20	113.63	15214.52	15214.52	8226.91	6987.61
2+020.000	1.91	28.34	28.34	12.23	204.30	15242.86	15242.86	8431.21	6811.65
2+040.000	1.29	31.97	31.97	18.67	309.01	15274.83	15274.83	8740.22	6534.61
2+060.000	5.66	69.49	69.49	18.83	374.99	15344.32	15344.32	9115.21	6229.11
2+080.000	11.19	168.57	168.57	13.10	319.29	15512.89	15512.89	9434.50	6078.40
2+100.000	17.75	289.48	289.48	0.00	130.98	15802.37	15802.37	9565.47	6236.90
2+120.000	16.72	344.74	344.74	0.52	5.21	16147.11	16147.11	9570.68	6576.43
2+140.000	18.50	352.19	352.19	0.36	8.84	16499.30	16499.30	9579.51	6919.79
2+160.000	10.64	291.42	291.42	0.28	6.40	16790.72	16790.72	9585.92	7204.80
2+180.000	8.40	190.40	190.40	1.41	16.83	16981.12	16981.12	9602.74	7378.37
2+200.000	14.73	231.31	231.31	4.21	56.12	17212.43	17212.43	9658.86	7553.57
2+220.000	7.80	225.35	225.35	1.51	57.12	17437.78	17437.78	9715.99	7721.80
2+222.467	9.81	21.72	21.72	1.75	4.01	17459.51	17459.51	9719.99	7739.51
2+240.000	10.73	180.21	180.21	0.30	17.71	17639.72	17639.72	9737.70	7902.02
2+251.518	6.50	99.70	99.70	1.87	12.12	17739.42	17739.42	9749.82	7989.59
2+260.000	6.37	55.27	55.27	0.55	9.87	17794.68	17794.68	9759.70	8034.99
2+280.000	1.57	79.93	79.93	0.36	8.91	17874.61	17874.61	9768.61	8106.00
2+280.570	1.52	0.88	0.88	0.36	0.20	17875.49	17875.49	9768.81	8106.68
2+300.000	0.32	17.11	17.11	2.54	28.79	17892.61	17892.61	9797.61	8095.00
2+320.000	0.24	5.59	5.59	3.85	63.85	17898.20	17898.20	9861.45	8036.75

2+340.000	0.09	3.33	3.33	7.07	109.15	17901.52	17901.52	9970.60	7930.92
2+360.000	14.41	145.03	145.03	0.24	73.08	18046.55	18046.55	10043.68	8002.87
2+380.000	17.78	321.87	321.87	0.06	3.01	18368.42	18368.42	10046.69	8321.73
2+400.000	4.29	220.68	220.68	1.68	17.46	18589.11	18589.11	10064.16	8524.95
2+412.638	1.47	36.37	36.37	6.64	52.57	18625.48	18625.48	10116.73	8508.75
2+420.000	1.46	11.00	11.00	5.54	42.86	18636.48	18636.48	10159.59	8476.89
2+440.000	1.51	29.67	29.67	7.36	129.03	18666.15	18666.15	10288.61	8377.54
2+460.000	4.54	60.51	60.51	5.05	124.06	18726.66	18726.66	10412.68	8313.99
2+480.000	8.91	134.55	134.55	0.91	59.58	18861.21	18861.21	10472.26	8388.95
2+500.000	12.17	210.80	210.80	0.48	13.95	19072.01	19072.01	10486.21	8585.81
2+520.000	13.75	259.24	259.24	0.00	4.82	19331.26	19331.26	10491.03	8840.23
2+522.591	13.68	35.54	35.54	0.00	0.00	19366.79	19366.79	10491.03	8875.76
2+540.000	16.29	260.84	260.84	0.02	0.20	19627.63	19627.63	10491.22	9136.41
2+560.000	10.79	270.77	270.77	0.62	6.47	19898.41	19898.41	10497.69	9400.71
2+580.000	13.90	246.86	246.86	0.58	12.06	20145.27	20145.27	10509.75	9635.51
2+591.361	13.98	158.36	158.36	0.00	3.30	20303.62	20303.62	10513.06	9790.57
2+600.000	13.25	118.99	118.99	0.00	0.00	20422.61	20422.61	10513.06	9909.56
2+620.000	13.71	274.31	274.31	0.73	6.99	20696.93	20696.93	10520.04	10176.88
2+626.348	14.59	91.72	91.72	0.00	2.22	20788.64	20788.64	10522.26	10266.38
2+640.000	9.54	165.56	165.56	0.00	0.00	20954.21	20954.21	10522.26	10431.94
2+660.000	5.08	142.94	142.94	3.63	38.28	21097.15	21097.15	10560.54	10536.61
2+661.336	5.08	6.79	6.79	3.48	4.75	21103.94	21103.94	10565.29	10538.65
2+680.000	4.14	90.32	90.32	3.69	62.92	21194.26	21194.26	10628.21	10566.05
2+700.000	5.65	97.86	97.86	7.55	112.43	21292.11	21292.11	10740.63	10551.48
2+720.000	4.53	101.84	101.84	4.05	116.02	21393.95	21393.95	10856.66	10537.29
2+740.000	3.15	76.86	76.86	3.79	78.35	21470.81	21470.81	10935.01	10535.81
2+760.000	7.08	102.37	102.37	1.06	48.45	21573.18	21573.18	10983.46	10589.72
2+780.000	13.72	208.00	208.00	0.23	12.86	21781.18	21781.18	10996.32	10784.86
2+800.000	19.22	329.35	329.35	0.35	5.81	22110.54	22110.54	11002.13	11108.41
2+808.151	21.30	165.14	165.14	0.00	1.45	22275.68	22275.68	11003.58	11272.10
2+820.000	22.69	260.60	260.60	0.45	2.70	22536.27	22536.27	11006.27	11530.00
2+840.000	24.48	470.64	470.64	0.26	7.34	23006.91	23006.91	11013.61	11993.30
2+860.000	15.79	401.78	401.78	0.01	2.76	23408.70	23408.70	11016.38	12392.32
2+879.609	12.89	280.29	280.29	0.00	0.05	23688.99	23688.99	11016.43	12672.56
2+880.000	12.63	4.99	4.99	0.00	0.00	23693.98	23693.98	11016.43	12677.55
2+900.000	6.69	193.00	193.00	1.35	13.19	23886.98	23886.98	11029.61	12857.37
2+920.000	4.22	109.01	109.01	2.79	41.15	23995.99	23995.99	11070.76	12925.23
2+940.000	0.54	47.31	47.31	4.86	76.17	24043.29	24043.29	11146.93	12896.36

2+951.067	0.86	7.77	7.77	6.50	62.12	24051.06	24051.06	11209.05	12842.01
2+960.000	1.69	11.41	11.41	4.05	47.11	24062.47	24062.47	11256.17	12806.31
2+980.000	5.54	72.30	72.30	0.42	44.75	24134.77	24134.77	11300.91	12833.86
2+997.766	0.60	54.50	54.50	5.11	49.14	24189.27	24189.27	11350.05	12839.22
3+000.000	0.93	1.70	1.70	5.19	11.50	24190.97	24190.97	11361.55	12829.42
3+020.000	6.26	73.15	73.15	5.07	101.88	24264.12	24264.12	11463.43	12800.69
3+040.000	10.81	173.92	173.92	4.54	92.13	24438.04	24438.04	11555.57	12882.47
3+047.426	7.19	68.17	68.17	5.79	36.73	24506.21	24506.21	11592.29	12913.92
3+060.000	12.44	125.75	125.75	1.18	41.94	24631.96	24631.96	11634.23	12997.73
3+080.000	13.51	262.80	262.80	1.13	22.14	24894.76	24894.76	11656.37	13238.39
3+097.087	13.52	232.30	232.30	3.60	39.08	25127.06	25127.06	11695.45	13431.61
3+100.000	13.53	36.27	36.27	2.33	13.65	25163.33	25163.33	11709.10	13454.23
3+120.000	10.05	235.82	235.82	4.56	68.87	25399.15	25399.15	11777.98	13621.18
3+140.000	20.81	308.59	308.59	0.26	48.23	25707.74	25707.74	11826.21	13881.53
3+160.000	44.62	654.23	654.23	3.91	41.71	26361.97	26361.97	11867.92	14494.05
3+179.031	29.41	704.43	704.43	9.99	132.22	27066.40	27066.40	12000.14	15066.26
3+180.000	27.05	27.35	27.35	10.89	10.11	27093.75	27093.75	12010.25	15083.50
3+200.000	2.86	294.05	294.05	14.06	258.10	27387.79	27387.79	12268.35	15119.44
3+220.000	0.00	27.95	27.95	12.43	270.00	27415.75	27415.75	12538.36	14877.39
3+220.586	0.00	0.00	0.00	15.05	8.05	27415.75	27415.75	12546.41	14869.34
3+240.000	4.19	40.27	40.27	15.45	299.25	27456.02	27456.02	12845.66	14610.36
3+260.000	12.12	160.68	160.68	4.51	202.77	27616.70	27616.70	13048.43	14568.27
3+262.141	13.41	27.33	27.33	3.61	8.69	27644.03	27644.03	13057.12	14586.91
3+280.000	6.64	191.79	191.79	17.40	171.78	27835.82	27835.82	13228.90	14606.92
3+300.000	11.01	178.81	178.81	2.24	193.39	28014.63	28014.63	13422.29	14592.35
3+320.000	16.81	279.47	279.47	0.00	22.08	28294.11	28294.11	13444.37	14849.74
3+325.194	15.80	84.73	84.73	0.00	0.00	28378.84	28378.84	13444.37	14934.47
3+340.000	5.01	154.28	154.28	0.87	6.37	28533.12	28533.12	13450.74	15082.38
3+360.000	0.63	56.73	56.73	3.71	44.97	28589.85	28589.85	13495.71	15094.14
3+380.000	8.99	95.41	95.41	0.86	45.17	28685.26	28685.26	13540.89	15144.37
3+388.246	10.22	78.64	78.64	0.00	3.63	28763.90	28763.90	13544.52	15219.38
3+400.000	10.90	123.35	123.35	0.49	3.13	28887.26	28887.26	13547.65	15339.61
3+420.000	9.97	208.74	208.74	1.34	18.30	29096.00	29096.00	13565.95	15530.05
3+440.000	12.64	226.14	226.14	1.67	30.11	29322.14	29322.14	13596.06	15726.07
3+452.863	12.53	161.91	161.91	3.33	32.17	29484.05	29484.05	13628.23	15855.82
3+460.000	16.66	104.17	104.17	1.59	17.54	29588.22	29588.22	13645.76	15942.45
3+480.000	9.65	262.30	262.30	1.98	35.87	29850.51	29850.51	13681.64	16168.88
3+500.000	9.33	189.05	189.05	3.57	56.17	30039.57	30039.57	13737.80	16301.76

3+520.000	8.79	179.91	179.91	1.05	46.97	30219.47	30219.47	13784.78	16434.70
3+537.340	16.17	215.17	215.17	1.57	23.01	30434.64	30434.64	13807.79	16626.85
3+540.000	15.30	41.84	41.84	1.33	3.86	30476.49	30476.49	13811.65	16664.84
3+560.000	4.58	197.99	197.99	5.01	63.46	30674.48	30674.48	13875.10	16799.37
3+580.000	3.15	76.74	76.74	4.26	93.23	30751.22	30751.22	13968.33	16782.89
3+600.000	0.85	39.61	39.61	10.81	152.03	30790.83	30790.83	14120.36	16670.46
3+620.000	4.10	49.08	49.08	8.32	193.07	30839.90	30839.90	14313.43	16526.47
3+621.817	6.64	9.75	9.75	5.97	12.98	30849.65	30849.65	14326.41	16523.24
3+640.000	1.83	76.99	76.99	9.61	141.65	30926.65	30926.65	14468.06	16458.58
3+660.000	3.42	52.58	52.58	11.45	210.69	30979.23	30979.23	14678.75	16300.47
3+680.000	2.52	59.44	59.44	13.00	244.57	31038.67	31038.67	14923.32	16115.35
3+700.000	0.20	27.23	27.23	18.18	311.79	31065.90	31065.90	15235.11	15830.79
3+720.000	0.00	2.03	2.03	13.80	319.79	31067.94	31067.94	15554.90	15513.03
3+740.000	7.34	73.36	73.36	1.94	157.39	31141.30	31141.30	15712.29	15429.00
3+760.000	10.77	181.08	181.08	2.63	45.67	31322.37	31322.37	15757.97	15564.41
3+780.000	21.27	320.42	320.42	1.93	45.59	31642.79	31642.79	15803.55	15839.24
3+788.253	20.81	173.64	173.64	2.22	17.10	31816.43	31816.43	15820.65	15995.78
3+800.000	30.35	302.35	302.35	2.38	26.21	32118.78	32118.78	15846.86	16271.92
3+820.000	29.53	602.47	602.47	3.80	59.95	32721.25	32721.25	15906.81	16814.44
3+840.000	23.16	528.80	528.80	3.59	71.81	33250.05	33250.05	15978.62	17271.43
3+848.698	14.61	163.98	163.98	7.85	48.32	33414.03	33414.03	16026.94	17387.09
3+860.000	10.65	141.85	141.85	26.79	192.33	33555.88	33555.88	16219.27	17336.61
3+880.000	14.16	247.30	247.30	6.24	324.74	33803.18	33803.18	16544.01	17259.17
3+900.000	11.47	256.56	256.56	5.71	116.12	34059.75	34059.75	16660.13	17399.61
3+909.143	8.67	92.25	92.25	2.49	36.52	34152.00	34152.00	16696.65	17455.34
3+920.000	4.75	72.97	72.97	1.61	22.35	34224.96	34224.96	16719.01	17505.96
3+940.000	2.94	76.86	76.86	1.64	32.53	34301.83	34301.83	16751.53	17550.29
3+960.000	4.92	78.57	78.57	3.05	46.90	34380.39	34380.39	16798.43	17581.96
3+980.000	9.42	143.36	143.36	1.47	45.19	34523.75	34523.75	16843.63	17680.12
4+000.000	11.29	207.04	207.04	2.77	42.39	34730.79	34730.79	16886.02	17844.77
4+020.000	15.41	266.97	266.97	0.08	28.54	34997.76	34997.76	16914.56	18083.20
4+040.000	15.12	305.34	305.34	0.01	0.90	35303.09	35303.09	16915.45	18387.64
4+060.000	20.81	359.27	359.27	0.21	2.19	35662.37	35662.37	16917.65	18744.72
4+063.966	25.04	90.92	90.92	0.40	1.21	35753.29	35753.29	16918.85	18834.43
4+080.000	13.65	311.29	311.29	5.61	48.59	36064.57	36064.57	16967.45	19097.13
4+083.732	14.65	52.80	52.80	5.22	20.21	36117.37	36117.37	16987.66	19129.72
4+100.000	19.44	277.44	277.44	1.85	57.78	36394.81	36394.81	17045.43	19349.38
4+103.499	22.22	72.88	72.88	1.75	6.30	36467.69	36467.69	17051.73	19415.96

4+120.000	29.50	425.91	425.91	2.27	33.58	36893.61	36893.61	17085.31	19808.29
4+140.000	35.66	651.62	651.62	2.68	49.45	37545.23	37545.23	17134.76	20410.47
4+160.000	25.97	616.34	616.34	4.65	73.32	38161.57	38161.57	17208.08	20953.49
4+180.000	37.02	629.92	629.92	2.48	71.33	38791.49	38791.49	17279.41	21512.08
4+200.000	46.50	835.19	835.19	4.13	66.07	39626.68	39626.68	17345.47	22281.21
4+220.000	15.65	621.53	621.53	3.51	76.43	40248.21	40248.21	17421.90	22826.30
4+240.000	8.48	241.35	241.35	2.70	62.18	40489.56	40489.56	17484.08	23005.48
4+260.000	31.06	395.42	395.42	1.31	40.15	40884.98	40884.98	17524.23	23360.75
4+280.000	8.13	391.87	391.87	2.70	40.16	41276.85	41276.85	17564.39	23712.46
4+282.841	6.20	20.35	20.35	2.82	7.85	41297.20	41297.20	17572.24	23724.97
4+297.806	1.77	62.15	62.15	2.89	32.60	41359.35	41359.35	17604.84	23754.51
4+300.000	1.70	3.87	3.87	2.03	4.22	41363.22	41363.22	17609.06	23754.16
4+312.771	3.97	34.25	34.25	0.00	10.13	41397.47	41397.47	17619.19	23778.28
4+320.000	6.56	35.57	35.57	0.02	0.03	41433.04	41433.04	17619.21	23813.83
4+340.000	5.81	123.75	123.75	0.40	4.17	41556.79	41556.79	17623.38	23933.41
4+360.000	5.92	117.32	117.32	0.50	8.99	41674.11	41674.11	17632.37	24041.74
4+380.000	4.67	105.83	105.83	0.45	9.49	41779.94	41779.94	17641.87	24138.08
4+400.000	8.06	127.22	127.22	0.00	4.47	41907.16	41907.16	17646.33	24260.83
4+420.000	3.04	111.00	111.00	0.38	3.80	42018.16	42018.16	17650.13	24368.03
4+440.000	0.96	40.02	40.02	1.34	17.18	42058.19	42058.19	17667.31	24390.88
4+460.000	0.15	11.10	11.10	4.64	59.76	42069.28	42069.28	17727.07	24342.21
4+480.000	1.00	11.49	11.49	3.95	85.91	42080.77	42080.77	17812.98	24267.79
4+500.000	2.35	33.44	33.44	5.11	90.60	42114.21	42114.21	17903.59	24210.63
4+520.000	8.87	112.20	112.20	3.40	85.11	42226.41	42226.41	17988.70	24237.71
4+540.000	19.30	281.77	281.77	1.00	44.06	42508.18	42508.18	18032.76	24475.42
4+547.705	24.17	167.47	167.47	0.81	6.99	42675.65	42675.65	18039.75	24635.90
4+560.000	25.53	303.83	303.83	0.59	9.32	42979.48	42979.48	18049.07	24930.41
4+580.000	23.86	493.10	493.10	0.65	12.81	43472.58	43472.58	18061.88	25410.70
4+600.000	23.04	467.82	467.82	0.67	13.62	43940.40	43940.40	18075.50	25864.90
4+607.433	19.60	157.82	157.82	0.73	5.42	44098.22	44098.22	18080.92	26017.30
4+620.000	15.60	220.26	220.26	0.95	11.05	44318.48	44318.48	18091.97	26226.51
4+640.000	10.96	264.30	264.30	1.19	22.38	44582.78	44582.78	18114.35	26468.42
4+660.000	7.67	185.12	185.12	1.77	30.85	44767.89	44767.89	18145.20	26622.69
4+667.161	5.64	47.33	47.33	2.28	15.11	44815.22	44815.22	18160.31	26654.91
4+680.000	5.40	69.56	69.56	2.14	32.32	44884.77	44884.77	18192.63	26692.14
4+700.000	13.13	185.37	185.37	2.08	42.15	45070.14	45070.14	18234.78	26835.36
4+720.000	9.57	227.01	227.01	2.11	41.84	45297.15	45297.15	18276.63	27020.53
4+740.000	8.71	182.77	182.77	3.32	54.21	45479.92	45479.92	18330.84	27149.08

4+745.412	8.49	46.54	46.54	3.35	18.04	45526.46	45526.46	18348.87	27177.58
4+760.000	4.62	90.88	90.88	4.11	59.28	45617.33	45617.33	18408.15	27209.18
4+780.000	7.84	125.59	125.59	0.11	41.74	45742.93	45742.93	18449.90	27293.03
4+800.000	12.80	207.18	207.18	0.04	1.50	45950.10	45950.10	18451.39	27498.71
4+820.000	14.02	269.32	269.32	0.19	2.19	46219.42	46219.42	18453.58	27765.84
4+823.997	11.41	50.82	50.82	0.60	1.57	46270.24	46270.24	18455.16	27815.08
4+840.000	3.68	121.60	121.60	7.11	61.01	46391.84	46391.84	18516.16	27875.67
4+860.000	8.45	121.93	121.93	4.43	113.92	46513.76	46513.76	18630.08	27883.68
4+880.000	7.09	155.89	155.89	4.53	88.22	46669.65	46669.65	18718.30	27951.35
4+900.000	1.66	87.66	87.66	11.76	161.81	46757.31	46757.31	18880.11	27877.19
4+902.582	1.20	3.70	3.70	11.62	30.19	46761.00	46761.00	18910.30	27850.70
4+920.000	1.86	26.65	26.65	20.45	279.29	46787.65	46787.65	19189.59	27598.06
4+940.000	13.59	154.50	154.50	7.40	278.44	46942.15	46942.15	19468.03	27474.12
4+960.000	13.16	267.55	267.55	3.34	107.33	47209.70	47209.70	19575.36	27634.34
4+977.483	12.09	220.75	220.75	2.84	54.00	47430.45	47430.45	19629.36	27801.09
4+980.000	11.96	29.90	29.90	3.21	10.84	47460.35	47460.35	19640.20	27820.15
5+000.000	8.58	205.21	205.21	4.14	74.81	47665.56	47665.56	19715.01	27950.55
5+020.000	9.09	176.68	176.68	0.22	44.22	47842.25	47842.25	19759.23	28083.02
5+040.000	11.49	206.13	206.13	0.00	2.17	48048.37	48048.37	19761.40	28286.98
5+042.809	10.54	30.95	30.95	0.00	0.00	48079.33	48079.33	19761.40	28317.93
5+060.000	5.72	140.19	140.19	0.09	0.79	48219.52	48219.52	19762.19	28457.33
5+080.000	7.64	134.54	134.54	0.65	7.33	48354.06	48354.06	19769.52	28584.54
5+100.000	6.82	145.95	145.95	0.43	10.62	48500.01	48500.01	19780.14	28719.87
5+108.136	4.82	47.76	47.76	1.72	8.58	48547.77	48547.77	19788.72	28759.05
5+120.000	4.56	55.61	55.61	0.64	14.02	48603.38	48603.38	19802.74	28800.64
5+140.000	5.00	95.61	95.61	2.93	35.74	48698.99	48698.99	19838.48	28860.51
5+160.000	8.73	137.28	137.28	5.50	84.38	48836.27	48836.27	19922.86	28913.41
5+180.000	1.79	105.16	105.16	14.62	201.22	48941.43	48941.43	20124.08	28817.36
5+200.000	7.91	96.98	96.98	2.88	175.00	49038.42	49038.42	20299.07	28739.34
5+220.000	8.82	167.24	167.24	5.20	80.76	49205.66	49205.66	20379.84	28825.82
5+240.000	22.22	310.34	310.34	2.56	77.53	49515.99	49515.99	20457.37	29058.62
5+260.000	12.83	350.52	350.52	3.52	60.81	49866.51	49866.51	20518.18	29348.33
5+270.248	9.37	113.77	113.77	7.06	54.23	49980.29	49980.29	20572.41	29407.87
5+280.000	8.23	85.79	85.79	3.05	49.29	50066.08	50066.08	20621.70	29444.38
5+300.000	18.01	262.15	262.15	1.58	46.54	50328.23	50328.23	20668.24	29659.99
5+313.155	14.48	213.23	213.23	0.75	15.56	50541.47	50541.47	20683.80	29857.67
5+320.000	16.23	105.11	105.11	0.84	5.47	50646.57	50646.57	20689.27	29957.30
5+340.000	6.34	224.86	224.86	1.09	19.59	50871.43	50871.43	20708.86	30162.57

5+356.061	2.66	71.99	71.99	1.34	19.60	50943.42	50943.42	20728.46	30214.97
5+360.000	4.43	13.96	13.96	0.34	3.31	50957.38	50957.38	20731.77	30225.61
5+380.000	1.89	63.19	63.19	4.65	49.92	51020.58	51020.58	20781.70	30238.88
5+400.000	4.28	61.73	61.73	2.12	67.73	51082.30	51082.30	20849.42	30232.88
5+420.000	4.71	89.91	89.91	3.18	53.02	51172.21	51172.21	20902.45	30269.76
5+440.000	4.64	93.48	93.48	3.43	66.19	51265.70	51265.70	20968.64	30297.06
5+460.000	3.95	85.82	85.82	2.10	55.39	51351.52	51351.52	21024.03	30327.48
5+480.000	6.93	108.71	108.71	2.81	49.15	51460.22	51460.22	21073.18	30387.04
5+484.782	6.51	32.12	32.12	2.58	12.90	51492.34	51492.34	21086.08	30406.26
5+500.000	8.60	114.69	114.69	2.09	35.76	51607.04	51607.04	21121.84	30485.20
5+501.963	9.26	17.53	17.53	1.89	3.91	51624.57	51624.57	21125.75	30498.81
5+519.144	12.27	184.50	184.50	1.69	31.29	51809.07	51809.07	21157.05	30652.02
5+520.000	12.40	9.39	9.39	1.58	2.89	51818.46	51818.46	21159.93	30658.52
5+540.000	12.59	249.93	249.93	0.16	17.33	52068.39	52068.39	21177.27	30891.12
5+560.000	5.69	182.79	182.79	4.04	41.99	52251.18	52251.18	21219.26	31031.92
5+580.000	4.80	104.86	104.86	3.34	73.80	52356.04	52356.04	21293.05	31062.99
5+600.000	3.67	84.70	84.70	1.95	52.84	52440.74	52440.74	21345.89	31094.85
5+620.000	4.93	86.04	86.04	7.60	95.50	52526.78	52526.78	21441.39	31085.39
5+640.000	2.21	71.40	71.40	11.45	190.51	52598.18	52598.18	21631.90	30966.28
5+660.000	2.18	43.85	43.85	13.89	253.37	52642.02	52642.02	21885.27	30756.75
5+680.000	11.21	133.84	133.84	2.77	166.60	52775.87	52775.87	22051.87	30723.99
5+700.000	22.18	333.88	333.88	0.00	27.70	53109.75	53109.75	22079.58	31030.17
5+720.000	24.03	462.17	462.17	0.00	0.01	53571.91	53571.91	22079.59	31492.33
5+740.000	10.21	342.46	342.46	1.12	11.20	53914.38	53914.38	22090.79	31823.59
5+760.000	11.20	214.12	214.12	0.11	12.30	54128.50	54128.50	22103.09	32025.40
5+780.000	20.76	319.59	319.59	0.00	1.10	54448.09	54448.09	22104.20	32343.89
5+800.000	18.26	390.23	390.23	0.01	0.13	54838.32	54838.32	22104.32	32734.00
5+807.036	17.45	125.65	125.65	0.04	0.20	54963.98	54963.98	22104.52	32859.45
5+820.000	10.11	178.32	178.32	0.96	6.39	55142.30	55142.30	22110.91	33031.39
5+840.000	17.72	279.88	279.88	0.00	9.85	55422.18	55422.18	22120.75	33301.42
5+858.561	20.32	354.88	354.88	0.05	0.48	55777.05	55777.05	22121.24	33655.82
5+860.000	21.20	29.88	29.88	0.00	0.04	55806.94	55806.94	22121.27	33685.67
5+880.000	13.38	346.96	346.96	0.01	0.12	56153.90	56153.90	22121.39	34032.51
5+900.000	11.93	253.63	253.63	0.49	5.17	56407.53	56407.53	22126.56	34280.98
5+910.085	19.08	156.95	156.95	0.00	2.54	56564.49	56564.49	22129.10	34435.38
5+920.000	9.50	141.70	141.70	2.01	9.95	56706.19	56706.19	22139.06	34567.13
5+940.000	5.53	150.33	150.33	5.10	71.10	56856.51	56856.51	22210.16	34646.35
5+960.000	7.56	130.97	130.97	2.42	75.20	56987.48	56987.48	22285.36	34702.12

5+980.000	3.38	109.42	109.42	8.91	113.27	57096.91	57096.91	22398.63	34698.28
6+000.000	4.38	77.55	77.55	7.16	160.66	57174.46	57174.46	22559.29	34615.17
6+004.000	7.12	22.99	22.99	9.50	33.31	57197.45	57197.45	22592.60	34604.85
6+020.000	30.39	301.82	301.82	0.18	77.91	57499.27	57499.27	22670.51	34828.76
6+040.000	31.74	627.86	627.86	0.66	8.20	58127.13	58127.13	22678.71	35448.42
6+040.736	31.28	23.18	23.18	0.69	0.50	58150.31	58150.31	22679.21	35471.10
6+060.000	24.79	544.39	544.39	0.00	6.54	58694.70	58694.70	22685.75	36008.95
6+077.471	21.28	401.43	401.43	2.22	19.76	59096.13	59096.13	22705.52	36390.61
6+080.000	15.91	60.88	60.88	2.16	1.24	59157.01	59157.01	22706.75	36450.26
6+100.000	8.31	242.13	242.13	2.50	46.61	59399.15	59399.15	22753.36	36645.79
6+120.000	1.79	100.98	100.98	3.72	62.19	59500.13	59500.13	22815.56	36684.57
6+140.000	5.19	69.79	69.79	3.28	69.99	59569.92	59569.92	22885.54	36684.38
6+160.000	10.89	160.81	160.81	0.63	39.12	59730.73	59730.73	22924.66	36806.07
6+165.630	12.04	64.55	64.55	0.08	2.00	59795.28	59795.28	22926.66	36868.62
6+180.000	15.54	198.84	198.84	0.05	0.96	59994.12	59994.12	22927.62	37066.50
6+192.523	11.35	168.20	168.20	0.10	0.93	60162.32	60162.32	22928.55	37233.77
6+200.000	10.05	80.33	80.33	0.78	3.15	60242.65	60242.65	22931.70	37310.95
6+219.416	5.93	156.48	156.48	0.97	16.45	60399.13	60399.13	22948.15	37450.98
6+220.000	5.66	4.03	4.03	1.07	0.40	60403.16	60403.16	22948.56	37454.60
6+233.998	2.56	57.54	57.54	2.18	22.70	60460.69	60460.69	22971.26	37489.44
6+240.000	2.19	13.26	13.26	1.77	12.26	60473.96	60473.96	22983.52	37490.44
6+247.489	0.79	10.43	10.43	2.66	17.22	60484.38	60484.38	23000.74	37483.65
6+260.000	5.09	37.36	37.36	0.56	21.03	60521.74	60521.74	23021.77	37499.97
6+260.979	5.51	5.19	5.19	0.62	0.58	60526.93	60526.93	23022.35	37504.59
6+280.000	8.91	137.41	137.41	0.01	6.05	60664.34	60664.34	23028.40	37635.94
6+282.138	8.66	18.78	18.78	0.09	0.11	60683.12	60683.12	23028.51	37654.61
6+300.000	8.97	158.76	158.76	0.26	3.22	60841.88	60841.88	23031.73	37810.14
6+320.000	10.11	191.06	191.06	0.17	4.37	61032.93	61032.93	23036.10	37996.83
6+340.000	9.35	193.26	193.26	0.22	3.90	61226.19	61226.19	23040.01	38186.19
6+360.000	6.54	157.21	157.21	2.11	23.44	61383.40	61383.40	23063.45	38319.95
6+372.432	1.20	47.58	47.58	6.61	53.94	61430.98	61430.98	23117.39	38313.59
6+380.000	1.38	9.78	9.78	11.72	67.94	61440.76	61440.76	23185.32	38255.44
6+400.000	1.85	32.29	32.29	9.85	213.29	61473.05	61473.05	23398.62	38074.44
6+420.000	8.69	105.31	105.31	1.17	111.06	61578.36	61578.36	23509.67	38068.69
6+440.000	9.74	183.81	183.81	1.67	28.66	61762.17	61762.17	23538.33	38223.84
6+460.000	10.34	199.60	199.60	2.48	42.25	61961.77	61961.77	23580.58	38381.19
6+462.725	10.71	28.67	28.67	2.08	6.21	61990.44	61990.44	23586.79	38403.65
6+480.000	15.87	230.14	230.14	3.34	46.37	62220.58	62220.58	23633.16	38587.42

6+500.000	16.37	322.40	322.40	4.57	79.15	62542.99	62542.99	23712.32	38830.67
6+520.000	9.62	259.85	259.85	8.69	132.62	62802.84	62802.84	23844.94	38957.90
6+540.000	11.08	207.01	207.01	9.51	182.00	63009.84	63009.84	24026.94	38982.91
6+560.000	7.58	186.60	186.60	9.52	190.27	63196.44	63196.44	24217.21	38979.24
6+580.000	3.11	106.89	106.89	7.67	171.84	63303.34	63303.34	24389.04	38914.29
6+587.995	2.38	21.95	21.95	5.71	53.47	63325.28	63325.28	24442.51	38882.77
6+600.000	0.34	15.36	15.36	8.39	85.72	63340.65	63340.65	24528.23	38812.42
6+620.000	0.71	10.89	10.89	2.44	110.49	63351.53	63351.53	24638.72	38712.81
6+631.854	0.02	4.54	4.54	7.47	58.79	63356.08	63356.08	24697.51	38658.57
6+640.000	1.50	5.77	5.77	4.49	49.29	63361.85	63361.85	24746.80	38615.05
6+660.000	4.60	59.54	59.54	5.10	96.64	63421.39	63421.39	24843.44	38577.94
6+675.714	3.78	67.72	67.72	10.89	123.96	63489.11	63489.11	24967.41	38521.70
6+680.000	3.98	14.15	14.15	12.24	51.66	63503.26	63503.26	25019.07	38484.19
6+700.000	5.93	99.05	99.05	14.30	265.33	63602.30	63602.30	25284.40	38317.91
6+720.000	4.00	99.34	99.34	12.08	263.74	63701.65	63701.65	25548.14	38153.51
6+740.000	6.11	101.16	101.16	6.30	183.80	63802.81	63802.81	25731.94	38070.87
6+760.000	5.98	120.93	120.93	5.00	113.07	63923.73	63923.73	25845.01	38078.72
6+761.814	5.89	10.76	10.76	4.85	8.94	63934.50	63934.50	25853.95	38080.55
6+780.000	11.11	152.94	152.94	0.46	49.59	64087.43	64087.43	25903.54	38183.89
6+798.077	14.61	232.18	232.18	0.00	4.16	64319.62	64319.62	25907.70	38411.92
6+800.000	15.10	28.57	28.57	0.00	0.00	64348.19	64348.19	25907.70	38440.49
6+820.000	14.05	290.94	290.94	0.52	5.23	64639.13	64639.13	25912.93	38726.20
6+834.339	8.13	158.25	158.25	2.49	21.61	64797.38	64797.38	25934.54	38862.84
6+840.000	6.20	40.57	40.57	3.36	16.54	64837.95	64837.95	25951.08	38886.87
6+860.000	2.82	90.23	90.23	9.61	129.62	64928.19	64928.19	26080.70	38847.48
6+880.000	2.14	49.57	49.57	10.68	202.90	64977.76	64977.76	26283.60	38694.15
6+883.022	2.47	6.96	6.96	10.10	31.40	64984.72	64984.72	26315.00	38669.72
6+900.000	10.68	113.00	113.00	2.85	105.37	65097.72	65097.72	26420.37	38677.34
6+912.651	18.86	186.18	186.18	0.01	17.39	65283.90	65283.90	26437.76	38846.13
6+920.000	8.23	98.97	98.97	9.77	34.58	65382.87	65382.87	26472.34	38910.53
6+940.000	6.36	146.53	146.53	9.34	183.93	65529.40	65529.40	26656.28	38873.12
6+942.280	6.71	14.89	14.89	9.10	21.02	65544.29	65544.29	26677.30	38866.99
6+960.000	9.43	142.98	142.98	3.47	111.34	65687.27	65687.27	26788.64	38898.63
6+980.000	16.52	259.47	259.47	0.00	34.69	65946.74	65946.74	26823.33	39123.41
7+000.000	13.89	304.02	304.02	0.17	1.73	66250.76	66250.76	26825.07	39425.70
7+020.000	10.71	245.96	245.96	0.51	6.88	66496.73	66496.73	26831.94	39664.79
7+020.800	10.48	8.47	8.47	0.59	0.44	66505.20	66505.20	26832.38	39672.82
7+040.000	10.48	198.77	198.77	0.00	5.85	66703.97	66703.97	26838.23	39865.74

7+060.000	12.20	224.52	224.52	0.03	0.29	66928.49	66928.49	26838.52	40089.97
7+079.255	11.24	221.09	221.09	2.49	24.64	67149.58	67149.58	26863.16	40286.42
7+080.000	11.66	8.54	8.54	2.69	1.93	67158.12	67158.12	26865.09	40293.03
7+100.000	15.22	265.36	265.36	3.91	67.48	67423.48	67423.48	26932.57	40490.91
7+120.000	2.50	175.59	175.59	14.67	189.69	67599.07	67599.07	27122.26	40476.81
7+137.710	0.88	29.42	29.42	10.32	225.44	67628.49	67628.49	27347.70	40280.79
7+140.000	1.48	1.92	1.92	7.98	31.18	67630.40	67630.40	27378.88	40251.52
7+160.000	14.56	160.42	160.42	0.11	80.90	67790.82	67790.82	27459.78	40331.04
7+180.000	13.02	275.83	275.83	9.05	91.54	68066.66	68066.66	27551.32	40515.34
7+200.000	17.85	308.70	308.70	4.85	138.91	68375.36	68375.36	27690.24	40685.12
7+220.000	22.29	401.45	401.45	0.24	50.83	68776.81	68776.81	27741.07	41035.74
7+240.000	21.65	439.44	439.44	1.08	13.12	69216.25	69216.25	27754.19	41462.06
7+260.000	25.51	471.65	471.65	0.01	10.87	69687.91	69687.91	27765.06	41922.85
7+280.000	13.02	385.36	385.36	0.06	0.74	70073.27	70073.27	27765.80	42307.47
7+300.000	0.70	137.27	137.27	6.30	63.58	70210.54	70210.54	27829.38	42381.15
7+320.000	6.85	75.51	75.51	4.29	105.82	70286.05	70286.05	27935.20	42350.85
7+340.000	7.70	145.47	145.47	5.67	99.53	70431.52	70431.52	28034.74	42396.78
7+358.187	0.61	75.54	75.54	13.84	177.42	70507.05	70507.05	28212.16	42294.90
7+360.000	1.39	1.23	1.23	14.23	36.30	70508.28	70508.28	28248.46	42259.83
7+380.000	7.80	92.71	92.71	18.56	323.69	70600.99	70600.99	28572.15	42028.85
7+400.000	0.28	81.57	81.57	41.01	591.10	70682.57	70682.57	29163.25	41519.32
7+400.672	0.09	0.12	0.12	42.07	27.89	70682.69	70682.69	29191.14	41491.55
7+420.000	0.01	0.95	0.95	36.91	761.92	70683.65	70683.65	29953.06	40730.59
7+440.000	8.53	85.43	85.43	5.71	426.44	70769.08	70769.08	30379.50	40389.58
7+443.156	8.55	26.96	26.96	3.00	13.76	70796.03	70796.03	30393.25	40402.78
7+460.000	1.69	86.26	86.26	6.01	75.95	70882.29	70882.29	30469.20	40413.09
7+480.000	2.25	39.47	39.47	7.01	130.27	70921.76	70921.76	30599.47	40322.29
7+500.000	22.25	244.99	244.99	0.10	71.12	71166.75	71166.75	30670.59	40496.16
7+520.000	10.51	327.54	327.54	2.00	21.04	71494.29	71494.29	30691.64	40802.65
7+540.000	0.98	114.91	114.91	18.52	205.22	71609.20	71609.20	30896.85	40712.35
7+560.000	4.69	56.78	56.78	8.72	272.38	71665.98	71665.98	31169.24	40496.74
7+580.000	10.12	148.14	148.14	2.27	109.87	71814.12	71814.12	31279.11	40535.01
7+600.000	10.17	202.89	202.89	0.38	26.48	72017.01	72017.01	31305.59	40711.42
7+620.000	7.74	179.06	179.06	1.97	23.52	72196.07	72196.07	31329.11	40866.96
7+640.000	3.50	112.42	112.42	7.64	96.07	72308.48	72308.48	31425.19	40883.30
7+651.907	3.80	43.52	43.52	8.65	96.95	72352.00	72352.00	31522.13	40829.87
7+660.000	6.98	43.63	43.63	5.34	56.60	72395.63	72395.63	31578.73	40816.90
7+680.000	3.72	107.56	107.56	7.08	122.98	72503.19	72503.19	31701.71	40801.48

7+700.000	2.98	67.08	67.08	3.07	101.06	72570.27	72570.27	31802.77	40767.50
7+720.000	5.12	81.37	81.37	5.77	87.77	72651.64	72651.64	31890.55	40761.10
7+740.000	1.27	64.36	64.36	7.43	130.76	72716.00	72716.00	32021.31	40694.69
7+758.750	1.62	27.23	27.23	13.08	190.64	72743.24	72743.24	32211.94	40531.29
7+760.000	2.32	2.46	2.46	12.08	15.72	72745.69	72745.69	32227.67	40518.03
7+780.000	8.96	113.46	113.46	11.98	237.90	72859.16	72859.16	32465.57	40393.58
7+800.000	15.94	250.24	250.24	7.65	193.49	73109.40	73109.40	32659.06	40450.33
7+820.000	19.26	353.64	353.64	2.10	96.07	73463.04	73463.04	32755.14	40707.90
7+840.000	20.59	400.50	400.50	1.38	34.28	73863.54	73863.54	32789.42	41074.12
7+860.000	12.28	330.46	330.46	1.02	23.59	74194.00	74194.00	32813.01	41380.99
7+865.593	11.17	65.58	65.58	0.87	5.27	74259.58	74259.58	32818.28	41441.30
7+880.000	9.34	142.25	142.25	0.80	12.76	74401.82	74401.82	32831.04	41570.79
7+900.000	6.54	158.87	158.87	3.32	41.28	74560.69	74560.69	32872.32	41688.37
7+920.000	13.64	201.78	201.78	0.11	34.38	74762.47	74762.47	32906.69	41855.78
7+940.000	16.97	306.07	306.07	0.76	8.69	75068.54	75068.54	32915.39	42153.15
7+960.000	10.90	278.77	278.77	1.87	26.28	75347.31	75347.31	32941.66	42405.65
7+980.000	9.99	208.97	208.97	1.36	32.32	75556.27	75556.27	32973.98	42582.29
8+000.000	11.97	219.59	219.59	0.33	16.94	75775.86	75775.86	32990.92	42784.94
8+020.000	17.79	297.56	297.56	0.00	3.34	76073.42	76073.42	32994.26	43079.16
8+040.000	21.14	389.26	389.26	0.00	0.00	76462.68	76462.68	32994.26	43468.42
8+060.000	20.26	413.95	413.95	0.47	4.74	76876.63	76876.63	32999.01	43877.62
8+080.000	13.85	341.11	341.11	0.14	6.12	77217.74	77217.74	33005.13	44212.61
8+080.150	13.64	2.06	2.06	0.13	0.02	77219.80	77219.80	33005.15	44214.65
8+100.000	6.42	197.44	197.44	4.68	48.60	77417.24	77417.24	33053.75	44363.49
8+120.000	11.50	178.65	178.65	2.21	69.07	77595.89	77595.89	33122.82	44473.07
8+140.000	11.11	225.49	225.49	1.43	36.29	77821.38	77821.38	33159.12	44662.26
8+160.000	13.06	240.90	240.90	0.48	19.19	78062.28	78062.28	33178.31	44883.97
8+180.000	11.05	240.22	240.22	0.52	10.20	78302.50	78302.50	33188.51	45113.99
8+186.752	10.65	73.23	73.23	0.54	3.58	78375.73	78375.73	33192.08	45183.65
8+200.000	11.76	147.89	147.89	0.56	7.45	78523.61	78523.61	33199.54	45324.08
8+220.000	11.93	236.02	236.02	0.52	11.09	78759.63	78759.63	33210.63	45549.01
8+240.000	4.53	164.08	164.08	3.04	35.69	78923.71	78923.71	33246.32	45677.39
8+260.000	5.46	99.67	99.67	3.84	68.43	79023.38	79023.38	33314.75	45708.64
8+280.000	9.62	150.33	150.33	2.94	67.51	79173.71	79173.71	33382.26	45791.45
8+293.353	14.54	160.91	160.91	1.69	31.03	79334.62	79334.62	33413.29	45921.33
8+300.000	17.18	105.42	105.42	1.22	9.66	79440.03	79440.03	33422.95	46017.09
8+320.000	15.44	326.11	326.11	2.56	37.76	79766.14	79766.14	33460.71	46305.43
8+340.000	19.84	352.76	352.76	0.04	25.94	80118.90	80118.90	33486.65	46632.25

8+360.000	9.10	289.44	289.44	3.75	37.87	80408.34	80408.34	33524.52	46883.81
8+380.000	2.66	117.69	117.69	8.70	124.47	80526.02	80526.02	33648.99	46877.03
8+400.000	6.17	88.33	88.33	6.89	155.86	80614.36	80614.36	33804.85	46809.51
8+420.000	0.79	69.60	69.60	14.23	211.22	80683.95	80683.95	34016.07	46667.88
8+432.426	0.25	6.48	6.48	18.26	201.86	80690.43	80690.43	34217.93	46472.51
8+440.000	0.18	1.58	1.58	17.90	137.69	80692.02	80692.02	34355.62	46336.40
8+454.330	5.85	42.05	42.05	9.00	194.78	80734.07	80734.07	34550.39	46183.68
8+460.000	10.99	46.53	46.53	8.10	49.58	80780.60	80780.60	34599.97	46180.63
8+476.234	1.95	102.34	102.34	12.83	173.97	80882.94	80882.94	34773.93	46109.00
8+480.000	1.12	3.19	3.19	16.55	77.17	80886.12	80886.12	34851.10	46035.02
8+500.000	0.02	11.46	11.46	15.44	319.87	80897.58	80897.58	35170.97	45726.61
8+520.000	1.94	19.62	19.62	6.44	218.79	80917.21	80917.21	35389.76	45527.44
8+540.000	11.36	132.98	132.98	4.44	108.83	81050.19	81050.19	35498.59	45551.60
8+560.000	8.66	200.16	200.16	2.74	71.79	81250.35	81250.35	35570.39	45679.96
8+564.888	8.32	41.48	41.48	2.32	12.36	81291.83	81291.83	35582.74	45709.08
8+580.000	3.26	88.41	88.41	1.06	25.02	81380.24	81380.24	35607.76	45772.48
8+600.000	5.58	88.85	88.85	0.00	10.62	81469.09	81469.09	35618.38	45850.71
8+620.000	10.52	161.98	161.98	0.00	0.04	81631.07	81631.07	35618.43	46012.65
8+640.000	6.02	166.76	166.76	1.28	12.52	81797.83	81797.83	35630.95	46166.88
8+646.394	3.29	30.04	30.04	0.50	5.56	81827.87	81827.87	35636.51	46191.36
8+660.000	0.02	22.68	22.68	2.04	17.11	81850.55	81850.55	35653.62	46196.93
8+680.000	0.71	7.17	7.17	4.52	66.19	81857.73	81857.73	35719.81	46137.92
8+700.000	0.04	7.33	7.33	3.54	81.41	81865.06	81865.06	35801.22	46063.84
8+720.000	0.36	4.00	4.00	10.53	142.13	81869.05	81869.05	35943.35	45925.71
8+727.900	0.15	2.01	2.01	12.79	93.23	81871.07	81871.07	36036.57	45834.50
8+740.000	0.25	2.39	2.39	14.44	163.70	81873.46	81873.46	36200.27	45673.19
8+760.000	0.44	6.84	6.84	11.71	261.43	81880.30	81880.30	36461.70	45418.60
8+780.000	7.24	76.80	76.80	4.24	159.51	81957.10	81957.10	36621.21	45335.89
8+800.000	16.64	238.81	238.81	1.94	61.85	82195.91	82195.91	36683.05	45512.86
8+820.000	10.69	273.24	273.24	2.05	39.86	82469.15	82469.15	36722.91	45746.24
8+840.000	10.98	216.68	216.68	0.86	29.02	82685.83	82685.83	36751.94	45933.89
8+860.000	9.87	208.51	208.51	0.46	13.14	82894.34	82894.34	36765.07	46129.27
8+880.000	3.99	138.55	138.55	3.16	36.17	83032.89	83032.89	36801.24	46231.65
8+900.000	4.89	88.79	88.79	4.55	77.09	83121.68	83121.68	36878.33	46243.35
8+920.000	10.39	152.83	152.83	3.56	81.13	83274.51	83274.51	36959.46	46315.05
8+940.000	7.72	181.08	181.08	2.69	62.55	83455.59	83455.59	37022.01	46433.57
8+960.000	10.51	182.28	182.28	2.18	48.68	83637.87	83637.87	37070.70	46567.18
8+972.083	8.27	113.47	113.47	3.09	31.80	83751.34	83751.34	37102.50	46648.85

8+980.000	8.30	65.51	65.51	3.26	23.39	83816.86	83816.86	37125.88	46690.97
9+000.000	11.26	195.67	195.67	1.38	45.70	84012.53	84012.53	37171.59	46840.95
9+020.000	3.56	148.89	148.89	7.27	85.13	84161.42	84161.42	37256.72	46904.70
9+040.000	8.93	124.77	124.77	0.35	75.12	84286.19	84286.19	37331.84	46954.35
9+060.000	14.39	230.55	230.55	0.00	3.50	84516.74	84516.74	37335.34	47181.40
9+060.330	14.22	4.71	4.71	0.00	0.00	84521.46	84521.46	37335.34	47186.11
9+080.000	9.27	227.36	227.36	0.10	1.01	84748.81	84748.81	37336.35	47412.46
9+100.000	1.79	108.54	108.54	1.50	15.96	84857.35	84857.35	37352.31	47505.04
9+120.000	3.54	53.00	53.00	0.73	22.05	84910.35	84910.35	37374.36	47535.99
9+140.000	6.46	99.99	99.99	0.59	12.91	85010.34	85010.34	37387.27	47623.06
9+148.576	7.53	60.08	60.08	2.36	12.42	85070.42	85070.42	37399.70	47670.72
9+160.000	14.40	124.71	124.71	2.45	29.18	85195.13	85195.13	37428.88	47766.25
9+180.000	12.56	269.66	269.66	12.97	154.20	85464.79	85464.79	37583.08	47881.71
9+200.000	6.39	189.54	189.54	11.67	246.43	85654.33	85654.33	37829.51	47824.82
9+220.000	14.62	210.12	210.12	0.40	120.69	85864.45	85864.45	37950.20	47914.25
9+240.000	8.81	234.35	234.35	1.33	17.27	86098.81	86098.81	37967.47	48131.34
9+241.671	9.25	15.09	15.09	1.42	2.30	86113.89	86113.89	37969.77	48144.13
9+260.000	13.18	205.81	205.81	2.89	39.77	86319.70	86319.70	38009.54	48310.16
9+280.000	11.91	254.14	254.14	0.23	31.35	86573.84	86573.84	38040.89	48532.95
9+287.170	7.49	70.89	70.89	1.91	7.68	86644.72	86644.72	38048.56	48596.16
9+300.000	7.46	98.18	98.18	1.89	24.37	86742.90	86742.90	38072.94	48669.96
9+320.000	14.22	222.78	222.78	1.47	33.10	86965.68	86965.68	38106.04	48859.64
9+332.668	20.57	225.20	225.20	0.46	11.82	87190.89	87190.89	38117.86	49073.03
9+340.000	19.51	146.94	146.94	0.02	1.76	87337.82	87337.82	38119.62	49218.20
9+360.000	12.90	324.11	324.11	0.03	0.54	87661.94	87661.94	38120.16	49541.78
9+380.000	7.79	206.91	206.91	2.74	27.68	87868.85	87868.85	38147.84	49721.01
9+400.000	2.91	107.02	107.02	0.85	35.90	87975.87	87975.87	38183.74	49792.13
9+420.000	3.69	65.94	65.94	2.80	36.55	88041.81	88041.81	38220.29	49821.52
9+425.372	2.99	17.94	17.94	5.19	21.48	88059.75	88059.75	38241.77	49817.97
9+440.000	3.52	48.55	48.55	7.05	87.18	88108.30	88108.30	38328.96	49779.35
9+460.000	10.37	140.09	140.09	0.09	69.13	88248.39	88248.39	38398.09	49850.30
9+473.152	8.81	126.04	126.04	0.25	2.23	88374.43	88374.43	38400.32	49974.12
9+480.000	7.80	56.88	56.88	0.04	1.01	88431.31	88431.31	38401.33	50029.99
9+500.000	7.72	155.12	155.12	0.26	3.09	88586.43	88586.43	38404.41	50182.02
9+520.000	10.40	181.12	181.12	0.18	4.53	88767.55	88767.55	38408.95	50358.60
9+520.931	10.15	9.57	9.57	0.57	0.35	88777.11	88777.11	38409.30	50367.81
9+540.000	7.37	168.26	168.26	2.16	25.84	88945.37	88945.37	38435.15	50510.23
9+560.000	16.60	239.77	239.77	0.00	21.56	89185.15	89185.15	38456.70	50728.44

9+571.820	4.35	123.85	123.85	4.81	28.42	89309.00	89309.00	38485.12	50823.88
9+580.000	4.07	32.81	32.81	8.62	59.48	89341.81	89341.81	38544.60	50797.21
9+600.000	9.82	137.61	137.61	0.22	91.75	89479.42	89479.42	38636.36	50843.07
9+609.644	5.95	75.24	75.24	0.44	3.18	89554.66	89554.66	38639.54	50915.12
9+620.000	9.49	79.04	79.04	0.01	2.41	89633.70	89633.70	38641.95	50991.75
9+640.000	8.61	179.90	179.90	0.02	0.28	89813.60	89813.60	38642.24	51171.36
9+647.467	6.69	56.88	56.88	1.03	3.74	89870.48	89870.48	38645.98	51224.50
9+660.000	4.72	71.37	71.37	1.90	18.96	89941.85	89941.85	38664.94	51276.91
9+680.000	11.66	163.75	163.75	2.67	45.70	90105.60	90105.60	38710.63	51394.97
9+700.000	7.32	189.75	189.75	7.88	105.51	90295.35	90295.35	38816.14	51479.21
9+720.000	7.07	143.87	143.87	7.36	152.38	90439.22	90439.22	38968.53	51470.69
9+740.000	5.56	126.36	126.36	8.33	156.84	90565.58	90565.58	39125.36	51440.22
9+760.000	4.39	99.57	99.57	7.65	159.72	90665.15	90665.15	39285.08	51380.07
9+780.000	3.87	82.57	82.57	8.50	161.47	90747.72	90747.72	39446.55	51301.16
9+800.000	3.05	69.18	69.18	8.36	168.64	90816.90	90816.90	39615.20	51201.70
9+820.000	3.03	60.83	60.83	8.45	168.14	90877.72	90877.72	39783.34	51094.39
9+840.000	6.87	99.05	99.05	6.91	153.63	90976.77	90976.77	39936.97	51039.80
9+860.000	5.40	122.73	122.73	9.79	167.06	91099.50	91099.50	40104.03	50995.47
9+880.000	8.04	134.39	134.39	7.31	170.99	91233.88	91233.88	40275.02	50958.86
9+900.000	0.77	88.10	88.10	11.36	186.67	91321.98	91321.98	40461.69	50860.29
9+920.000	5.57	63.37	63.37	9.55	209.13	91385.35	91385.35	40670.82	50714.53
9+924.787	5.37	26.17	26.17	9.75	46.21	91411.51	91411.51	40717.03	50694.49
9+940.000	6.14	87.54	87.54	10.59	154.72	91499.05	91499.05	40871.75	50627.30
9+960.000	1.94	80.89	80.89	9.15	197.72	91579.94	91579.94	41069.46	50510.48
9+980.000	17.75	197.77	197.77	4.90	140.02	91777.71	91777.71	41209.48	50568.23
10+000.000	28.35	463.18	463.18	3.39	82.16	92240.90	92240.90	41291.65	50949.25
10+020.000	19.10	476.69	476.69	1.25	46.04	92717.58	92717.58	41337.69	51379.90
10+040.000	32.66	519.57	519.57	0.73	19.69	93237.16	93237.16	41357.38	51879.77
10+045.511	15.02	131.37	131.37	2.42	8.70	93368.53	93368.53	41366.08	52002.45
10+060.000	8.94	173.57	173.57	8.43	78.59	93542.09	93542.09	41444.67	52097.42
10+080.000	5.20	141.96	141.96	3.55	119.16	93684.05	93684.05	41563.83	52120.22
10+100.000	30.50	358.11	358.11	0.03	35.70	94042.16	94042.16	41599.53	52442.63
10+120.000	26.44	571.16	571.16	0.24	2.67	94613.32	94613.32	41602.20	53011.12
10+140.000	2.02	285.30	285.30	8.46	87.31	94898.61	94898.61	41689.51	53209.11
10+160.000	3.03	50.59	50.59	16.05	245.25	94949.21	94949.21	41934.76	53014.45
10+166.235	5.42	26.35	26.35	16.41	101.18	94975.56	94975.56	42035.94	52939.62
10+180.000	10.26	106.55	106.55	11.66	196.83	95082.10	95082.10	42232.77	52849.34
10+200.000	14.24	245.00	245.00	1.51	131.78	95327.10	95327.10	42364.54	52962.56

10+212.213	11.21	155.44	155.44	1.05	15.67	95482.54	95482.54	42380.22	53102.32
10+220.000	14.93	100.81	100.81	0.02	4.23	95583.35	95583.35	42384.45	53198.90
10+240.000	16.36	310.16	310.16	0.00	0.22	95893.51	95893.51	42384.67	53508.83
10+260.000	12.29	284.18	284.18	0.00	0.00	96177.69	96177.69	42384.67	53793.02
10+261.429	10.51	16.29	16.29	0.58	0.42	96193.98	96193.98	42385.09	53808.89
10+280.000	6.75	159.38	159.38	0.70	11.70	96353.36	96353.36	42396.79	53956.57
10+300.000	8.13	147.89	147.89	2.90	35.18	96501.25	96501.25	42431.97	54069.28
10+310.646	11.14	101.82	101.82	0.23	16.29	96603.07	96603.07	42448.26	54154.81
10+320.000	6.35	81.81	81.81	4.29	21.15	96684.88	96684.88	42469.41	54215.47
10+340.000	11.10	174.49	174.49	0.56	48.49	96859.36	96859.36	42517.90	54341.47
10+360.000	15.34	264.38	264.38	0.00	5.60	97123.74	97123.74	42523.50	54600.24
10+380.000	9.47	248.09	248.09	4.23	42.26	97371.83	97371.83	42565.75	54806.08
10+400.000	9.33	188.00	188.00	2.68	69.10	97559.83	97559.83	42634.85	54924.99
10+420.000	12.34	216.64	216.64	2.33	50.15	97776.48	97776.48	42685.00	55091.48
10+440.000	13.58	259.18	259.18	1.26	35.89	98035.66	98035.66	42720.89	55314.76
10+460.000	23.35	369.32	369.32	0.00	12.59	98404.97	98404.97	42733.48	55671.50
10+480.000	22.63	459.79	459.79	0.05	0.53	98864.77	98864.77	42734.01	56130.76
10+500.000	26.47	491.00	491.00	0.66	7.09	99355.76	99355.76	42741.10	56614.66
10+520.000	24.22	506.92	506.92	1.44	21.01	99862.68	99862.68	42762.12	57100.57
10+529.099	29.53	244.56	244.56	1.86	15.04	100107.24	100107.24	42777.16	57330.08
10+540.000	21.66	277.97	277.97	3.97	32.04	100385.21	100385.21	42809.20	57576.01
10+560.000	12.67	343.27	343.27	11.35	153.22	100728.48	100728.48	42962.41	57766.07
10+580.000	5.57	182.39	182.39	23.10	344.51	100910.87	100910.87	43306.93	57603.95
10+581.970	3.93	9.36	9.36	25.45	47.82	100920.24	100920.24	43354.75	57565.49
10+600.000	0.01	35.55	35.55	36.89	561.92	100955.79	100955.79	43916.66	57039.13
10+620.000	0.95	9.56	9.56	23.57	604.60	100965.35	100965.35	44521.26	56444.08
10+634.841	9.20	75.26	75.26	14.73	284.21	101040.61	101040.61	44805.48	56235.13
10+640.000	12.12	54.99	54.99	12.80	71.00	101095.60	101095.60	44876.47	56219.13
10+660.000	17.44	295.58	295.58	6.15	189.44	101391.18	101391.18	45065.91	56325.27
10+680.000	10.96	283.94	283.94	2.66	88.06	101675.11	101675.11	45153.97	56521.15
10+700.000	3.81	147.69	147.69	3.26	59.15	101822.80	101822.80	45213.12	56609.68
10+720.000	13.37	171.84	171.84	0.31	35.66	101994.64	101994.64	45248.78	56745.86
10+740.000	3.32	166.96	166.96	1.79	21.02	102161.60	102161.60	45269.81	56891.80
10+760.000	12.87	161.95	161.95	0.09	18.80	102323.56	102323.56	45288.61	57034.95
10+780.000	8.27	211.47	211.47	3.87	39.51	102535.02	102535.02	45328.12	57206.91
10+800.000	15.20	234.76	234.76	0.35	42.19	102769.78	102769.78	45370.31	57399.47
10+816.436	7.12	183.44	183.44	4.05	36.21	102953.22	102953.22	45406.52	57546.70
10+820.000	7.57	27.68	27.68	2.74	16.86	102980.90	102980.90	45423.38	57557.52

10+840.000	6.82	141.79	141.79	2.58	51.58	103122.69	103122.69	45474.96	57647.73
10+857.827	10.33	149.66	149.66	2.41	44.34	103272.35	103272.35	45519.29	57753.06
10+860.000	10.11	22.20	22.20	2.51	5.35	103294.56	103294.56	45524.65	57769.91
10+880.000	25.31	348.34	348.34	0.09	26.39	103642.90	103642.90	45551.03	58091.87
10+899.219	0.05	240.27	240.27	7.31	69.87	103883.17	103883.17	45620.90	58262.27
10+900.000	0.29	0.13	0.13	6.87	5.54	103883.30	103883.30	45626.44	58256.86
10+920.000	8.39	86.80	86.80	1.20	80.77	103970.11	103970.11	45707.20	58262.90
10+940.000	8.05	164.40	164.40	5.01	62.14	104134.50	104134.50	45769.34	58365.16
10+960.000	6.70	147.45	147.45	8.80	138.11	104281.95	104281.95	45907.45	58374.50
10+980.000	31.00	376.99	376.99	1.63	104.24	104658.94	104658.94	46011.70	58647.25
10+991.427	31.24	355.62	355.62	0.36	11.33	105014.56	105014.56	46023.03	58991.54
11+000.000	25.49	243.21	243.21	1.91	9.72	105257.78	105257.78	46032.75	59225.03
11+006.566	24.08	162.74	162.74	1.93	12.60	105420.51	105420.51	46045.35	59375.17
11+020.000	29.88	360.88	360.88	0.36	15.36	105781.39	105781.39	46060.70	59720.69
11+021.705	30.30	51.29	51.29	0.26	0.53	105832.69	105832.69	46061.24	59771.45
11+040.000	29.54	547.35	547.35	0.29	5.08	106380.03	106380.03	46066.32	60313.72
11+060.000	37.25	667.86	667.86	0.00	2.92	107047.90	107047.90	46069.23	60978.66
11+080.000	25.16	624.10	624.10	0.56	5.57	107672.00	107672.00	46074.81	61597.19
11+100.000	12.87	380.25	380.25	3.47	40.24	108052.25	108052.25	46115.05	61937.20
11+120.000	10.92	237.88	237.88	4.84	83.07	108290.14	108290.14	46198.12	62092.01
11+140.000	11.48	224.08	224.08	2.61	74.54	108514.22	108514.22	46272.66	62241.55
11+160.000	16.67	281.57	281.57	2.56	51.75	108795.78	108795.78	46324.41	62471.37
11+180.000	14.90	315.73	315.73	3.03	55.91	109111.51	109111.51	46380.32	62731.19
11+200.000	13.55	284.49	284.49	3.73	67.59	109396.00	109396.00	46447.92	62948.09
11+220.000	15.70	292.51	292.51	3.26	69.86	109688.52	109688.52	46517.78	63170.74
11+240.000	16.35	320.51	320.51	0.82	40.76	110009.03	110009.03	46558.54	63450.49
11+260.000	16.28	326.30	326.30	0.08	9.01	110335.33	110335.33	46567.54	63767.79
11+280.000	8.46	247.41	247.41	1.94	20.18	110582.74	110582.74	46587.73	63995.01
11+300.000	8.02	164.75	164.75	2.89	48.28	110747.49	110747.49	46636.01	64111.47
11+320.000	6.80	148.20	148.20	4.75	76.40	110895.68	110895.68	46712.41	64183.27
11+340.000	11.40	182.04	182.04	4.42	91.72	111077.72	111077.72	46804.13	64273.60
11+360.000	9.01	204.16	204.16	5.10	95.25	111281.88	111281.88	46899.38	64382.50
11+380.000	9.01	180.20	180.20	4.48	95.85	111462.08	111462.08	46995.23	64466.85
11+400.000	7.42	164.24	164.24	4.24	87.23	111626.32	111626.32	47082.46	64543.86
11+420.000	6.55	139.66	139.66	2.65	68.94	111765.98	111765.98	47151.40	64614.58
11+440.000	13.01	195.53	195.53	0.30	29.58	111961.51	111961.51	47180.98	64780.53
11+460.000	10.51	235.19	235.19	0.34	6.42	112196.70	112196.70	47187.40	65009.30
11+480.000	5.07	155.89	155.89	1.19	15.28	112352.59	112352.59	47202.68	65149.91

11+500.000	3.17	82.44	82.44	3.76	49.48	112435.04	112435.04	47252.17	65182.87
11+507.739	3.70	26.57	26.57	3.56	28.33	112461.61	112461.61	47280.49	65181.12
11+520.000	2.94	40.12	40.12	2.28	35.98	112501.73	112501.73	47316.47	65185.26
11+540.000	7.81	107.73	107.73	0.43	27.32	112609.46	112609.46	47343.79	65265.67
11+552.119	16.71	148.88	148.88	0.01	2.75	112758.34	112758.34	47346.54	65411.80
11+560.000	14.79	124.13	124.13	0.57	2.29	112882.47	112882.47	47348.83	65533.64
11+580.000	4.20	190.31	190.31	6.48	70.55	113072.78	113072.78	47419.38	65653.40
11+596.499	3.51	63.52	63.52	8.97	128.00	113136.30	113136.30	47547.38	65588.92
11+600.000	1.88	9.42	9.42	14.58	41.23	113145.72	113145.72	47588.61	65557.11
11+620.000	9.56	114.32	114.32	3.35	179.28	113260.04	113260.04	47767.88	65492.16
11+640.000	14.86	244.14	244.14	0.38	37.26	113504.18	113504.18	47805.15	65699.03
11+660.000	12.92	277.73	277.73	0.00	3.81	113781.91	113781.91	47808.95	65972.95
11+676.503	4.92	147.13	147.13	0.73	6.02	113929.04	113929.04	47814.98	66114.06
11+680.000	4.49	16.71	16.71	0.95	2.97	113945.75	113945.75	47817.95	66127.80
11+700.000	11.85	161.21	161.21	1.28	22.81	114106.95	114106.95	47840.76	66266.19
11+720.000	3.87	156.35	156.35	1.39	26.75	114263.30	114263.30	47867.50	66395.80
11+728.807	24.83	127.63	127.63	0.02	6.00	114390.93	114390.93	47873.50	66517.43
11+740.000	13.76	217.84	217.84	0.03	0.26	114608.77	114608.77	47873.76	66735.01
11+760.000	2.58	164.59	164.59	8.97	90.83	114773.37	114773.37	47964.58	66808.78
11+780.000	1.48	40.44	40.44	7.31	161.65	114813.80	114813.80	48126.24	66687.57
11+781.110	1.67	1.75	1.75	7.97	8.48	114815.55	114815.55	48134.71	66680.84
11+800.000	4.59	59.20	59.20	1.57	90.04	114874.75	114874.75	48224.75	66650.00
11+820.000	7.00	115.93	115.93	7.04	86.10	114990.67	114990.67	48310.85	66679.83
11+840.000	8.86	158.58	158.58	8.29	153.32	115149.25	115149.25	48464.17	66685.08
11+860.000	15.74	246.01	246.01	8.64	169.31	115395.27	115395.27	48633.48	66761.78
11+880.000	13.84	295.81	295.81	4.98	136.20	115691.08	115691.08	48769.68	66921.40
11+900.000	21.00	348.43	348.43	4.36	93.39	116039.51	116039.51	48863.07	67176.45
11+904.913	24.70	112.25	112.25	2.99	18.07	116151.77	116151.77	48881.13	67270.64
11+920.000	15.08	300.04	300.04	8.35	85.57	116451.80	116451.80	48966.70	67485.10
11+924.141	6.83	45.35	45.35	8.45	34.78	116497.15	116497.15	49001.48	67495.67
11+940.000	11.94	147.44	147.44	2.60	89.03	116644.59	116644.59	49090.51	67554.08
11+943.369	14.40	44.38	44.38	4.48	11.93	116688.97	116688.97	49102.44	67586.53
11+960.000	5.18	162.83	162.83	6.23	89.00	116851.80	116851.80	49191.45	67660.35
11+980.000	12.68	178.54	178.54	3.62	98.45	117030.34	117030.34	49289.89	67740.45
12+000.000	14.40	270.75	270.75	1.28	49.00	117301.09	117301.09	49338.89	67962.20
12+018.747	6.95	200.09	200.09	3.76	47.29	117501.18	117501.18	49386.18	68115.01
12+020.000	3.34	8.61	8.61	4.43	1.00	117509.80	117509.80	49387.18	68122.62
12+037.546	0.00	29.39	29.39	9.51	120.37	117539.19	117539.19	49507.55	68031.64

12+040.000	0.00	0.00	0.00	9.30	23.08	117539.19	117539.19	49530.63	68008.56
12+056.346	0.12	0.94	0.94	5.66	122.19	117540.13	117540.13	49652.82	67887.31
12+060.000	0.84	2.56	2.56	4.42	17.57	117542.69	117542.69	49670.39	67872.30
12+080.000	4.35	51.84	51.84	1.63	60.51	117594.53	117594.53	49730.90	67863.63
12+100.000	6.19	105.37	105.37	2.35	39.87	117699.90	117699.90	49770.77	67929.13
12+120.000	15.57	217.62	217.62	1.01	33.62	117917.52	117917.52	49804.39	68113.13
12+123.923	17.01	63.92	63.92	0.23	2.44	117981.43	117981.43	49806.82	68174.61
12+132.937	14.43	141.13	141.13	0.89	3.82	118122.57	118122.57	49810.64	68311.93
12+140.000	11.55	95.24	95.24	0.84	3.57	118217.81	118217.81	49814.21	68403.60
12+141.950	10.29	22.04	22.04	0.79	0.93	118239.85	118239.85	49815.14	68424.71
12+160.000	8.42	168.84	168.84	2.37	28.50	118408.69	118408.69	49843.64	68565.05
12+180.000	4.73	131.46	131.46	7.72	100.93	118540.14	118540.14	49944.57	68595.58
12+191.704	3.19	46.32	46.32	9.24	99.24	118586.47	118586.47	50043.80	68542.67
12+200.000	0.96	16.72	16.72	11.42	89.17	118603.19	118603.19	50132.97	68470.22
12+220.000	0.03	10.19	10.19	10.25	210.91	118613.38	118613.38	50343.88	68269.50
12+221.342	0.09	0.08	0.08	10.70	14.06	118613.46	118613.46	50357.94	68255.52
12+240.000	2.61	25.11	25.11	9.15	181.12	118638.58	118638.58	50539.06	68099.52
12+250.980	3.14	31.60	31.60	10.26	103.63	118670.18	118670.18	50642.68	68027.49
12+260.000	4.11	32.61	32.61	8.15	84.79	118702.78	118702.78	50727.47	67975.31
12+280.000	5.44	95.52	95.52	4.63	127.82	118798.30	118798.30	50855.30	67943.01
12+297.248	7.24	109.32	109.32	0.90	47.67	118907.63	118907.63	50902.96	68004.67
12+300.000	7.56	22.33	22.33	0.98	0.84	118929.96	118929.96	50903.80	68026.16
12+320.000	11.11	186.81	186.81	1.12	20.98	119116.77	119116.77	50924.78	68191.99
12+323.620	9.17	36.51	36.51	2.46	6.71	119153.28	119153.28	50931.49	68221.79
12+340.000	4.91	114.19	114.19	0.29	23.26	119267.47	119267.47	50954.75	68312.73
12+349.992	11.45	82.53	82.53	0.34	3.14	119350.01	119350.01	50957.88	68392.12
12+360.000	6.00	89.02	89.02	0.04	1.89	119439.03	119439.03	50959.78	68479.25
12+380.000	9.01	150.06	150.06	0.00	0.45	119589.09	119589.09	50960.22	68628.86
12+400.000	6.88	158.92	158.92	0.01	0.10	119748.00	119748.00	50960.32	68787.68
12+420.000	5.49	123.68	123.68	1.03	10.39	119871.69	119871.69	50970.72	68900.97
12+440.000	10.87	163.58	163.58	1.88	29.10	120035.27	120035.27	50999.82	69035.45
12+460.000	11.89	227.66	227.66	2.02	38.98	120262.93	120262.93	51038.80	69224.14
12+480.000	11.04	229.35	229.35	0.00	20.18	120492.28	120492.28	51058.97	69433.31
12+500.000	5.72	167.65	167.65	0.08	0.84	120659.94	120659.94	51059.81	69600.12
12+506.060	3.64	28.38	28.38	0.44	1.60	120688.31	120688.31	51061.41	69626.90
12+520.000	4.90	54.51	54.51	1.32	13.65	120742.82	120742.82	51075.06	69667.76
12+522.094	3.80	8.56	8.56	1.99	3.74	120751.38	120751.38	51078.81	69672.57
12+538.128	1.13	37.11	37.11	6.24	71.25	120788.49	120788.49	51150.06	69638.44

12+540.000	1.08	2.07	2.07	6.26	11.70	120790.56	120790.56	51161.76	69628.80
12+560.000	0.94	20.21	20.21	7.63	138.98	120810.77	120810.77	51300.74	69510.03
12+580.000	0.00	9.40	9.40	6.96	145.91	120820.17	120820.17	51446.65	69373.52
12+600.000	0.26	2.61	2.61	6.03	129.89	120822.78	120822.78	51576.53	69246.24
12+620.000	2.41	26.70	26.70	3.17	92.05	120849.47	120849.47	51668.58	69180.89
12+640.000	4.96	73.67	73.67	1.71	48.80	120923.15	120923.15	51717.38	69205.76
12+660.000	6.59	115.45	115.45	0.39	20.96	121038.60	121038.60	51738.34	69300.25
12+680.000	5.66	122.46	122.46	1.55	19.35	121161.06	121161.06	51757.69	69403.37
12+700.000	3.24	88.97	88.97	0.60	21.48	121250.03	121250.03	51779.17	69470.85
12+720.000	1.83	50.68	50.68	1.53	21.35	121300.70	121300.70	51800.53	69500.18
12+740.000	2.58	44.13	44.13	0.81	23.45	121344.84	121344.84	51823.98	69520.86
12+760.000	6.01	85.90	85.90	0.14	9.55	121430.73	121430.73	51833.53	69597.20
12+761.918	7.53	12.99	12.99	0.05	0.19	121443.72	121443.72	51833.72	69610.00
12+780.000	11.07	168.05	168.05	0.00	0.46	121611.77	121611.77	51834.18	69777.59
12+800.000	13.27	243.28	243.28	0.00	0.00	121855.05	121855.05	51834.18	70020.87
12+820.000	9.03	222.58	222.58	0.26	2.64	122077.63	122077.63	51836.82	70240.81
12+838.357	7.10	147.71	147.71	0.13	3.66	122225.34	122225.34	51840.48	70384.86
12+840.000	7.07	11.64	11.64	0.41	0.45	122236.98	122236.98	51840.93	70396.05
12+860.000	8.86	158.63	158.63	1.77	22.05	122395.61	122395.61	51862.97	70532.64
12+880.000	11.40	201.79	201.79	1.17	29.74	122597.41	122597.41	51892.72	70704.69
12+900.000	15.65	270.21	270.21	0.70	18.97	122867.62	122867.62	51911.69	70955.93
12+914.796	13.30	213.95	213.95	2.33	22.67	123081.57	123081.57	51934.36	71147.21
12+920.000	11.93	65.63	65.63	3.98	16.40	123147.19	123147.19	51950.76	71196.44
12+940.000	9.70	216.30	216.30	8.26	122.41	123363.49	123363.49	52073.17	71290.32
12+960.000	12.21	219.13	219.13	5.62	138.87	123582.62	123582.62	52212.04	71370.59
12+980.000	8.80	210.07	210.07	2.83	84.50	123792.69	123792.69	52296.54	71496.15
13+000.000	10.97	197.66	197.66	0.84	36.71	123990.35	123990.35	52333.25	71657.11
13+020.000	5.97	169.41	169.41	9.72	105.62	124159.77	124159.77	52438.87	71720.90
13+025.968	4.58	31.49	31.49	10.99	61.79	124191.26	124191.26	52500.66	71690.59
13+040.000	2.52	49.67	49.67	11.51	157.44	124240.93	124240.93	52658.11	71582.82
13+060.000	0.79	33.15	33.15	10.82	223.30	124274.08	124274.08	52881.41	71392.67
13+080.000	0.10	8.88	8.88	8.79	196.08	124282.96	124282.96	53077.49	71205.47
13+100.000	0.46	5.54	5.54	13.76	225.51	124288.50	124288.50	53303.00	70985.50
13+114.219	10.10	75.08	75.08	11.02	176.14	124363.58	124363.58	53479.15	70884.43
13+120.000	26.31	105.27	105.27	6.73	51.29	124468.85	124468.85	53530.44	70938.41
13+140.000	6.81	331.28	331.28	12.20	189.22	124800.13	124800.13	53719.66	71080.46
13+160.000	31.31	381.26	381.26	8.77	209.62	125181.39	125181.39	53929.28	71252.11
13+180.000	26.71	580.24	580.24	6.12	148.81	125761.63	125761.63	54078.09	71683.54

13+200.000	24.66	513.73	513.73	4.04	101.60	126275.36	126275.36	54179.69	72095.67
13+202.469	23.95	60.01	60.01	4.28	10.28	126335.37	126335.37	54189.97	72145.39
13+220.000	4.64	249.21	249.21	6.23	93.00	126584.58	126584.58	54282.97	72301.61
13+240.000	1.91	65.49	65.49	10.45	166.80	126650.07	126650.07	54449.77	72200.30
13+255.191	1.82	28.28	28.28	7.28	134.70	126678.35	126678.35	54584.47	72093.89
13+260.000	1.02	6.92	6.92	9.27	39.17	126685.27	126685.27	54623.63	72061.64
13+280.000	1.41	24.11	24.11	13.46	229.32	126709.37	126709.37	54852.95	71856.43
13+300.000	3.73	51.10	51.10	16.78	305.58	126760.48	126760.48	55158.53	71601.95
13+320.000	8.01	117.13	117.13	2.24	192.18	126877.61	126877.61	55350.71	71526.90
13+340.000	11.67	196.48	196.48	6.53	87.95	127074.09	127074.09	55438.66	71635.43
13+360.000	17.34	289.77	289.77	0.45	69.99	127363.86	127363.86	55508.65	71855.22
13+371.319	21.72	220.24	220.24	0.00	2.55	127584.10	127584.10	55511.20	72072.90
13+380.000	7.85	127.59	127.59	4.43	19.00	127711.70	127711.70	55530.19	72181.50
13+400.000	10.16	179.23	179.23	0.15	45.27	127890.93	127890.93	55575.47	72315.46
13+420.000	7.40	175.39	175.39	0.56	7.02	128066.31	128066.31	55582.49	72483.82
13+440.000	11.42	189.07	189.07	0.01	5.63	128255.38	128255.38	55588.12	72667.25
13+460.000	12.42	239.63	239.63	0.12	1.31	128495.01	128495.01	55589.43	72905.58
13+480.000	12.12	246.11	246.11	0.11	2.32	128741.13	128741.13	55591.75	73149.37
13+487.446	11.12	86.49	86.49	1.20	5.00	128827.62	128827.62	55596.75	73230.87
13+500.000	10.84	136.80	136.80	3.73	31.94	128964.42	128964.42	55628.70	73335.72
13+520.000	15.59	264.27	264.27	0.00	37.30	129228.69	129228.69	55665.99	73562.70
13+540.000	13.19	287.76	287.76	0.00	0.01	129516.45	129516.45	55666.00	73850.45
13+560.000	2.33	155.16	155.16	2.54	25.41	129671.62	129671.62	55691.41	73980.21
13+580.000	3.45	57.78	57.78	5.75	82.90	129729.39	129729.39	55774.31	73955.09
13+600.000	7.12	105.70	105.70	0.12	58.70	129835.09	129835.09	55833.00	74002.09
13+620.000	3.20	103.22	103.22	3.43	35.46	129938.31	129938.31	55868.46	74069.85
13+640.000	10.21	134.11	134.11	0.14	35.69	130072.42	130072.42	55904.15	74168.27
13+656.265	11.29	174.89	174.89	0.00	1.16	130247.31	130247.31	55905.31	74342.00
13+660.000	11.58	42.26	42.26	0.00	0.00	130289.57	130289.57	55905.31	74384.25
13+680.000	8.73	203.11	203.11	0.02	0.15	130492.67	130492.67	55905.46	74587.21
13+682.480	6.79	19.48	19.48	0.13	0.17	130512.15	130512.15	55905.63	74606.52
13+700.000	3.87	96.30	96.30	1.77	15.11	130608.45	130608.45	55920.74	74687.72
13+708.695	7.04	50.29	50.29	2.50	16.88	130658.74	130658.74	55937.62	74721.12
13+720.000	7.67	83.76	83.76	0.67	17.55	130742.50	130742.50	55955.17	74787.32
13+740.000	11.60	192.63	192.63	0.92	15.90	130935.12	130935.12	55971.08	74964.05
13+760.000	8.04	196.32	196.32	0.83	17.53	131131.45	131131.45	55988.61	75142.84
13+761.600	7.66	12.55	12.55	0.79	1.30	131144.00	131144.00	55989.91	75154.09
13+780.000	8.98	154.66	154.66	0.48	11.03	131298.66	131298.66	56000.94	75297.72

13+789.040	6.38	69.69	69.69	2.08	11.60	131368.34	131368.34	56012.54	75355.80
13+800.000	13.66	110.64	110.64	2.13	22.59	131478.98	131478.98	56035.13	75443.85
13+816.480	6.43	167.37	167.37	1.58	28.76	131646.35	131646.35	56063.89	75582.46
13+820.000	5.11	20.07	20.07	3.68	10.20	131666.42	131666.42	56074.09	75592.33
13+840.000	7.07	121.83	121.83	2.79	64.70	131788.25	131788.25	56138.80	75649.45
13+860.000	5.79	128.61	128.61	1.18	39.69	131916.86	131916.86	56178.49	75738.37
13+870.062	5.83	58.46	58.46	1.27	12.33	131975.31	131975.31	56190.82	75784.49
13+880.000	6.81	64.10	64.10	1.28	11.77	132039.41	132039.41	56202.60	75836.82
13+900.000	4.39	114.60	114.60	2.61	36.81	132154.02	132154.02	56239.40	75914.61
13+911.467	7.11	67.98	67.98	2.03	25.15	132222.00	132222.00	56264.56	75957.44
13+920.000	5.83	56.96	56.96	2.01	16.26	132278.96	132278.96	56280.82	75998.14
13+940.000	4.80	110.02	110.02	1.30	31.20	132388.98	132388.98	56312.02	76076.96
13+952.871	1.97	45.45	45.45	3.32	28.48	132434.43	132434.43	56340.50	76093.94
13+960.000	0.58	8.42	8.42	5.16	31.34	132442.85	132442.85	56371.84	76071.01
13+972.946	3.94	29.29	29.29	4.27	61.09	132472.14	132472.14	56432.92	76039.22
13+980.000	2.98	23.71	23.71	4.10	30.45	132495.85	132495.85	56463.38	76032.48
14+000.000	1.13	40.05	40.05	1.36	56.07	132535.90	132535.90	56519.45	76016.46
14+020.000	7.07	81.39	81.39	0.22	15.97	132617.29	132617.29	56535.42	76081.88
14+040.000	2.58	95.89	95.89	1.23	14.59	132713.18	132713.18	56550.00	76163.18
14+060.000	9.70	121.43	121.43	1.61	29.12	132834.62	132834.62	56579.12	76255.50
14+080.000	6.80	163.01	163.01	2.57	42.61	132997.63	132997.63	56621.73	76375.90
14+100.000	10.43	170.27	170.27	0.84	34.71	133167.90	133167.90	56656.44	76511.46
14+110.496	9.51	103.49	103.49	0.75	8.62	133271.38	133271.38	56665.06	76606.33
14+120.000	9.19	87.85	87.85	0.44	5.79	133359.23	133359.23	56670.85	76688.38
14+140.000	5.41	144.26	144.26	1.08	15.57	133503.49	133503.49	56686.42	76817.07
14+160.000	2.88	81.98	81.98	1.18	23.05	133585.47	133585.47	56709.47	76876.00
14+180.000	4.45	72.50	72.50	1.81	30.77	133657.97	133657.97	56740.24	76917.73
14+200.000	0.20	46.01	46.01	4.10	59.74	133703.98	133703.98	56799.98	76904.00
14+220.000	4.66	47.25	47.25	2.24	63.94	133751.23	133751.23	56863.92	76887.31
14+240.000	4.27	89.72	89.72	3.37	56.01	133840.95	133840.95	56919.94	76921.02
14+248.046	0.60	20.38	20.38	5.18	33.90	133861.33	133861.33	56953.84	76907.49
14+260.000	1.16	10.49	10.49	3.99	54.85	133871.82	133871.82	57008.69	76863.13
14+280.000	5.86	70.22	70.22	2.82	68.17	133942.04	133942.04	57076.86	76865.18
14+300.000	4.96	108.18	108.18	1.56	43.81	134050.22	134050.22	57120.67	76929.55
14+320.000	13.85	188.02	188.02	0.65	22.05	134238.24	134238.24	57142.72	77095.52
14+340.000	14.31	281.53	281.53	0.02	6.63	134519.76	134519.76	57149.35	77370.42
14+360.000	12.73	270.33	270.33	0.36	3.75	134790.09	134790.09	57153.10	77636.99
14+380.000	7.47	201.94	201.94	1.94	22.98	134992.03	134992.03	57176.08	77815.96

14+396.992	10.35	151.39	151.39	0.12	17.52	135143.42	135143.42	57193.60	77949.82
14+400.000	10.38	34.83	34.83	0.20	0.15	135178.26	135178.26	57193.75	77984.50
14+420.000	12.02	226.77	226.77	0.43	5.84	135405.03	135405.03	57199.59	78205.44
14+438.077	11.12	209.75	209.75	0.38	7.18	135614.78	135614.78	57206.77	78408.01
14+440.000	12.22	22.44	22.44	0.10	0.46	135637.22	135637.22	57207.23	78429.99
14+460.000	8.25	207.56	207.56	1.26	12.76	135844.77	135844.77	57219.99	78624.78
14+479.162	4.34	123.10	123.10	0.41	15.27	135967.88	135967.88	57235.26	78732.62
14+480.000	4.40	3.59	3.59	0.47	0.39	135971.46	135971.46	57235.65	78735.81
14+500.000	4.45	88.51	88.51	2.19	26.67	136059.97	136059.97	57262.32	78797.65
14+520.000	9.51	139.63	139.63	2.69	48.81	136199.60	136199.60	57311.14	78888.46
14+538.835	9.37	177.79	177.79	1.18	36.43	136377.39	136377.39	57347.57	79029.82
14+540.000	9.26	10.32	10.32	0.87	1.51	136387.71	136387.71	57349.08	79038.63
14+560.000	5.43	146.62	146.62	1.56	24.58	136534.33	136534.33	57373.66	79160.66
14+577.727	2.97	74.25	74.25	2.25	34.06	136608.58	136608.58	57407.72	79200.86
14+580.000	1.32	4.88	4.88	2.77	5.71	136613.46	136613.46	57413.43	79200.03
14+600.000	0.01	13.37	13.37	9.31	121.63	136626.84	136626.84	57535.06	79091.78
14+616.619	0.36	3.12	3.12	4.96	119.49	136629.96	136629.96	57654.55	78975.41
14+620.000	0.77	1.94	1.94	4.92	17.21	136631.91	136631.91	57671.76	78960.15
14+640.000	6.54	73.06	73.06	3.07	79.90	136704.97	136704.97	57751.66	78953.31
14+660.000	9.19	157.29	157.29	3.71	67.79	136862.26	136862.26	57819.45	79042.81
14+680.000	8.13	173.22	173.22	5.21	89.22	137035.48	137035.48	57908.67	79126.81
14+688.513	8.89	72.43	72.43	8.45	58.15	137107.91	137107.91	57966.82	79141.09
14+700.000	8.70	100.33	100.33	5.99	85.75	137208.24	137208.24	58052.57	79155.67
14+715.137	11.36	151.34	151.34	5.96	91.67	137359.58	137359.58	58144.24	79215.34
14+720.000	11.36	55.24	55.24	7.42	32.51	137414.83	137414.83	58176.75	79238.07
14+740.000	9.37	207.19	207.19	4.29	118.03	137622.01	137622.01	58294.78	79327.23
14+741.761	9.27	16.42	16.42	4.15	7.44	137638.44	137638.44	58302.22	79336.21
14+760.000	9.45	170.78	170.78	3.92	73.61	137809.22	137809.22	58375.83	79433.39
14+780.000	4.68	141.39	141.39	6.34	102.54	137950.60	137950.60	58478.37	79472.24
14+784.415	4.96	21.29	21.29	5.23	25.54	137971.89	137971.89	58503.91	79467.99
14+800.000	6.43	88.58	88.58	2.50	58.18	138060.47	138060.47	58562.09	79498.39
14+820.000	4.85	111.83	111.83	3.53	59.23	138172.30	138172.30	58621.32	79550.99
14+829.369	7.63	58.94	58.94	2.46	27.53	138231.24	138231.24	58648.84	79582.40
14+840.000	7.62	83.30	83.30	4.05	32.87	138314.54	138314.54	58681.71	79632.83
14+860.000	8.57	165.90	165.90	4.67	82.97	138480.43	138480.43	58764.69	79715.75
14+874.323	9.28	129.35	129.35	4.49	62.71	138609.78	138609.78	58827.39	79782.39
14+880.000	11.07	57.18	57.18	4.47	27.61	138666.96	138666.96	58855.00	79811.96
14+900.000	15.82	268.90	268.90	2.00	64.68	138935.86	138935.86	58919.68	80016.17

14+920.000	8.72	245.38	245.38	3.29	52.95	139181.24	139181.24	58972.64	80208.60
14+940.000	8.26	169.76	169.76	2.82	61.15	139351.00	139351.00	59033.79	80317.21
14+945.554	8.03	45.24	45.24	3.30	16.99	139396.24	139396.24	59050.79	80345.45
14+960.000	3.91	84.53	84.53	6.49	72.33	139480.77	139480.77	59123.12	80357.65
14+980.000	6.72	104.89	104.89	3.46	100.79	139585.66	139585.66	59223.90	80361.76
15+000.000	11.43	179.74	179.74	0.59	41.08	139765.40	139765.40	59264.99	80500.41
15+001.886	11.53	21.66	21.66	0.63	1.15	139787.06	139787.06	59266.14	80520.92
15+020.000	3.14	131.64	131.64	4.64	48.35	139918.70	139918.70	59314.49	80604.22
15+040.000	3.72	67.75	67.75	10.07	149.06	139986.45	139986.45	59463.54	80522.91
15+058.219	8.02	106.24	106.24	2.48	115.91	140092.69	140092.69	59579.46	80513.23
15+060.000	7.39	13.73	13.73	2.15	4.12	140106.42	140106.42	59583.57	80522.85
15+080.000	15.03	224.23	224.23	0.00	21.45	140330.65	140330.65	59605.03	80725.62
15+090.423	7.82	119.08	119.08	0.07	0.37	140449.73	140449.73	59605.40	80844.33
15+100.000	4.20	57.51	57.51	0.57	3.01	140507.24	140507.24	59608.41	80898.83
15+120.000	9.96	142.05	142.05	0.68	12.29	140649.30	140649.30	59620.70	81028.59
15+131.701	8.86	110.55	110.55	2.28	17.02	140759.85	140759.85	59637.72	81122.13
15+140.000	6.61	64.21	64.21	5.36	31.69	140824.06	140824.06	59669.41	81154.65
15+160.000	4.95	116.15	116.15	6.81	119.58	140940.21	140940.21	59788.99	81151.22
15+172.978	6.19	72.62	72.62	5.84	80.70	141012.83	141012.83	59869.69	81143.13
15+180.000	4.40	37.19	37.19	7.36	46.35	141050.02	141050.02	59916.04	81133.97
15+200.000	5.54	99.43	99.43	7.98	153.39	141149.44	141149.44	60069.43	81080.01
15+220.000	6.73	122.71	122.71	5.85	138.32	141272.16	141272.16	60207.75	81064.40
15+240.000	20.09	268.15	268.15	0.67	65.20	141540.30	141540.30	60272.96	81267.35
15+241.641	21.09	33.78	33.78	0.23	0.74	141574.08	141574.08	60273.69	81300.39
15+260.000	19.15	367.80	367.80	0.08	2.94	141941.88	141941.88	60276.63	81665.25
15+280.000	16.76	357.70	357.70	0.00	0.76	142299.59	142299.59	60277.39	82022.20
15+300.000	11.01	278.50	278.50	0.15	1.44	142578.08	142578.08	60278.83	82299.25
15+315.262	11.38	171.74	171.74	0.02	1.25	142749.82	142749.82	60280.08	82469.74
15+320.000	14.62	61.24	61.24	0.00	0.05	142811.06	142811.06	60280.13	82530.93
15+340.000	11.90	265.08	265.08	0.48	4.62	143076.14	143076.14	60284.74	82791.39
15+360.000	8.22	201.61	201.61	0.14	6.01	143277.75	143277.75	60290.75	82987.00
15+380.000	3.06	112.17	112.17	1.45	15.33	143389.92	143389.92	60306.08	83083.84
15+388.883	1.65	20.74	20.74	0.79	9.57	143410.67	143410.67	60315.65	83095.01
15+400.000	11.65	71.86	71.86	0.10	4.67	143482.53	143482.53	60320.33	83162.20
15+420.000	2.24	138.95	138.95	1.43	15.30	143621.48	143621.48	60335.62	83285.86
15+440.000	11.11	133.51	133.51	0.06	14.88	143754.99	143754.99	60350.50	83404.48
15+460.000	0.23	113.32	113.32	3.17	32.33	143868.31	143868.31	60382.83	83485.48
15+480.000	11.27	115.00	115.00	0.00	31.71	143983.31	143983.31	60414.54	83568.78

15+500.000	11.63	229.03	229.03	0.00	0.00	144212.34	144212.34	60414.54	83797.81
15+520.000	3.90	155.28	155.28	0.02	0.24	144367.63	144367.63	60414.78	83952.85
15+540.000	1.43	53.25	53.25	1.72	17.40	144420.88	144420.88	60432.18	83988.70
15+560.000	7.53	89.56	89.56	0.23	19.48	144510.43	144510.43	60451.65	84058.78
15+580.000	5.35	128.81	128.81	0.13	3.58	144639.24	144639.24	60455.24	84184.01
15+592.115	3.54	53.86	53.86	0.32	2.72	144693.11	144693.11	60457.96	84235.15
15+600.000	3.11	26.23	26.23	1.28	6.32	144719.34	144719.34	60464.28	84255.06
15+620.000	10.25	131.09	131.09	0.00	11.81	144850.43	144850.43	60476.10	84374.33
15+634.436	19.61	209.13	209.13	0.00	0.00	145059.55	145059.55	60476.10	84583.46
15+640.000	18.60	102.83	102.83	0.03	0.09	145162.38	145162.38	60476.18	84686.20
15+660.000	12.74	305.84	305.84	3.54	38.80	145468.22	145468.22	60514.98	84953.25
15+676.758	7.74	170.59	170.59	4.32	68.86	145638.81	145638.81	60583.84	85054.97
15+680.000	8.96	27.10	27.10	1.05	9.17	145665.92	145665.92	60593.01	85072.91
15+700.000	6.88	158.43	158.43	2.74	37.90	145824.34	145824.34	60630.91	85193.43
15+720.000	3.60	104.80	104.80	2.93	56.66	145929.14	145929.14	60687.57	85241.57
15+737.773	8.22	105.03	105.03	1.10	35.85	146034.17	146034.17	60723.42	85310.75
15+740.000	7.24	18.18	18.18	0.84	1.88	146052.35	146052.35	60725.30	85327.05
15+760.000	8.82	164.38	164.38	0.25	9.63	146216.73	146216.73	60734.93	85481.80
15+768.082	12.50	87.96	87.96	1.22	5.25	146304.69	146304.69	60740.18	85564.51
15+780.000	7.24	121.21	121.21	1.27	12.97	146425.90	146425.90	60753.16	85672.74
15+798.392	0.43	72.30	72.30	5.11	55.93	146498.20	146498.20	60809.08	85689.11
15+800.000	0.33	0.39	0.39	5.74	10.16	146498.59	146498.59	60819.24	85679.34
15+820.000	3.09	34.19	34.19	2.25	79.95	146532.78	146532.78	60899.19	85633.59
15+840.000	9.28	123.68	123.68	0.99	32.41	146656.46	146656.46	60931.60	85724.86
15+860.000	10.32	195.97	195.97	1.84	28.32	146852.43	146852.43	60959.92	85892.51
15+869.817	10.45	101.94	101.94	1.32	15.56	146954.37	146954.37	60975.48	85978.89
15+880.000	7.35	91.28	91.28	0.69	9.76	147045.65	147045.65	60985.24	86060.41
15+900.000	4.85	123.90	123.90	1.06	17.10	147169.55	147169.55	61002.34	86167.21
15+902.755	5.05	13.63	13.63	1.43	3.44	147183.18	147183.18	61005.78	86177.40
15+920.000	4.60	86.00	86.00	1.69	26.16	147269.18	147269.18	61031.94	86237.24
15+935.692	11.86	131.28	131.28	1.88	26.81	147400.46	147400.46	61058.75	86341.71
15+940.000	8.19	43.19	43.19	1.60	7.49	147443.65	147443.65	61066.24	86377.41
15+960.000	14.11	223.04	223.04	0.07	16.67	147666.69	147666.69	61082.91	86583.78
15+975.945	14.29	226.44	226.44	0.35	3.35	147893.13	147893.13	61086.26	86806.87
15+980.000	10.76	46.27	46.27	0.50	2.05	147939.40	147939.40	61088.31	86851.09
16+000.000	16.74	274.31	274.31	0.00	5.07	148213.72	148213.72	61093.38	87120.33
16+020.000	5.58	223.23	223.23	6.96	68.61	148436.95	148436.95	61161.99	87274.95
16+040.000	11.42	170.57	170.57	2.31	91.41	148607.52	148607.52	61253.40	87354.12

16+060.000	13.92	253.81	253.81	0.76	30.30	148861.32	148861.32	61283.70	87577.62
16+080.000	7.66	215.67	215.67	0.53	12.70	149076.99	149076.99	61296.40	87780.59
16+100.000	5.08	126.95	126.95	3.31	37.80	149203.94	149203.94	61334.20	87869.74
16+114.863	4.57	71.48	71.48	3.45	49.51	149275.41	149275.41	61383.71	87891.70
16+120.000	3.58	20.94	20.94	3.73	18.45	149296.35	149296.35	61402.15	87894.20
16+140.000	3.62	71.92	71.92	3.62	72.46	149368.27	149368.27	61474.62	87893.65
16+160.000	4.25	78.72	78.72	4.96	84.75	149446.99	149446.99	61559.37	87887.62
16+180.000	4.45	86.92	86.92	4.35	92.49	149533.91	149533.91	61651.85	87882.05
16+200.000	3.67	80.97	80.97	13.55	179.48	149614.88	149614.88	61831.33	87783.55
16+220.000	4.97	86.43	86.43	3.31	168.89	149701.31	149701.31	62000.22	87701.09
16+240.000	8.49	135.30	135.30	2.38	56.23	149836.62	149836.62	62056.45	87780.17
16+253.781	11.21	136.43	136.43	0.41	18.95	149973.05	149973.05	62075.40	87897.65
16+260.000	9.85	67.89	67.89	0.33	1.96	150040.94	150040.94	62077.37	87963.57
16+280.000	6.81	166.65	166.65	0.60	9.34	150207.58	150207.58	62086.71	88120.87
16+300.000	3.09	98.96	98.96	1.41	20.08	150306.55	150306.55	62106.79	88199.75
16+320.000	6.52	96.02	96.02	0.04	14.51	150402.56	150402.56	62121.30	88281.26
16+340.000	4.34	108.60	108.60	0.01	0.58	150511.17	150511.17	62121.87	88389.29
16+360.000	1.14	54.87	54.87	3.08	30.98	150566.03	150566.03	62152.86	88413.17
16+380.000	4.61	57.55	57.55	0.07	31.56	150623.58	150623.58	62184.42	88439.16
16+400.000	8.49	131.07	131.07	0.23	2.97	150754.65	150754.65	62187.39	88567.26
16+408.606	11.85	87.55	87.55	0.45	2.91	150842.20	150842.20	62190.30	88651.90
16+420.000	13.06	139.96	139.96	5.05	32.50	150982.16	150982.16	62222.80	88759.36
16+434.255	11.10	170.46	170.46	0.47	40.66	151152.62	151152.62	62263.45	88889.17
16+440.000	12.09	66.17	66.17	0.85	3.87	151218.79	151218.79	62267.33	88951.46
16+459.905	8.72	205.12	205.12	2.19	31.39	151423.91	151423.91	62298.72	89125.19
16+460.000	8.69	0.83	0.83	2.19	0.21	151424.74	151424.74	62298.92	89125.81
16+480.000	6.63	153.21	153.21	4.80	69.92	151577.95	151577.95	62368.84	89209.11
16+496.409	7.82	118.62	118.62	0.42	42.80	151696.57	151696.57	62411.64	89284.93
16+500.000	6.08	23.96	23.96	1.10	2.71	151720.54	151720.54	62414.35	89306.19
16+520.000	11.94	180.09	180.09	6.01	70.36	151900.63	151900.63	62484.71	89415.92
16+522.899	12.26	35.07	35.07	5.73	17.01	151935.70	151935.70	62501.72	89433.97
16+540.000	23.15	303.28	303.28	0.07	49.19	152238.97	152238.97	62550.91	89688.06
16+549.389	21.17	209.05	209.05	1.94	9.23	152448.02	152448.02	62560.14	89887.88
16+560.000	14.94	191.57	191.57	0.62	13.57	152639.59	152639.59	62573.71	90065.88
16+570.596	5.06	105.91	105.91	4.84	28.92	152745.51	152745.51	62602.63	90142.88
16+580.000	5.03	47.62	47.62	2.70	35.05	152793.13	152793.13	62637.68	90155.45
16+588.225	4.75	40.25	40.25	4.29	28.78	152833.37	152833.37	62666.46	90166.92
16+600.000	4.73	55.84	55.84	2.91	42.08	152889.21	152889.21	62708.54	90180.67

16+605.855	2.76	21.94	21.94	6.07	26.27	152911.15	152911.15	62734.81	90176.34
16+620.000	4.02	47.99	47.99	7.36	94.96	152959.14	152959.14	62829.77	90129.36
16+640.000	2.28	63.09	63.09	5.82	131.79	153022.22	153022.22	62961.56	90060.66
16+657.274	15.39	152.67	152.67	1.57	63.80	153174.89	153174.89	63025.36	90149.53
16+660.000	14.49	40.74	40.74	3.03	6.27	153215.63	153215.63	63031.63	90184.00
16+673.528	4.31	128.16	128.16	5.06	56.40	153343.79	153343.79	63088.02	90255.77
16+680.000	12.10	53.85	53.85	2.55	24.78	153397.64	153397.64	63112.81	90284.83
16+689.783	4.94	84.19	84.19	1.05	17.34	153481.83	153481.83	63130.15	90351.68
16+700.000	17.06	112.37	112.37	0.05	5.59	153594.20	153594.20	63135.74	90458.46
16+720.000	7.73	247.81	247.81	0.96	10.02	153842.02	153842.02	63145.76	90696.25
16+740.000	5.71	134.33	134.33	0.42	13.74	153976.34	153976.34	63159.50	90816.84
16+747.763	10.22	61.82	61.82	0.00	1.62	154038.16	154038.16	63161.12	90877.04
16+760.000	5.08	93.16	93.16	0.19	1.26	154131.31	154131.31	63162.38	90968.94
16+780.000	8.60	137.30	137.30	0.14	3.31	154268.61	154268.61	63165.68	91102.93
16+790.831	5.99	79.37	79.37	1.25	7.41	154347.98	154347.98	63173.09	91174.89
16+800.000	3.07	41.69	41.69	2.80	18.34	154389.67	154389.67	63191.43	91198.24
16+820.000	4.43	75.12	75.12	1.80	45.97	154464.79	154464.79	63237.40	91227.39
16+833.899	2.89	50.89	50.89	3.04	33.81	154515.68	154515.68	63271.21	91244.47
16+840.000	2.01	14.94	14.94	3.70	20.57	154530.62	154530.62	63291.78	91238.83
16+860.000	5.35	73.53	73.53	1.41	51.08	154604.15	154604.15	63342.87	91261.28
16+880.000	3.26	86.10	86.10	3.46	48.71	154690.25	154690.25	63391.57	91298.68
16+886.694	3.90	23.96	23.96	1.66	17.14	154714.22	154714.22	63408.71	91305.50
16+900.000	9.51	88.77	88.77	0.19	12.05	154802.99	154802.99	63420.77	91382.22
16+920.000	6.76	163.42	163.42	0.09	2.74	154966.40	154966.40	63423.50	91542.90
16+940.000	10.53	173.48	173.48	1.30	13.56	155139.88	155139.88	63437.06	91702.82
16+960.000	11.98	225.81	225.81	5.20	64.61	155365.69	155365.69	63501.68	91864.02
16+960.806	12.21	9.75	9.75	4.89	4.07	155375.44	155375.44	63505.74	91869.70
16+980.000	12.00	233.20	233.20	3.24	77.38	155608.64	155608.64	63583.12	92025.52
17+000.000	5.12	171.79	171.79	6.64	97.19	155780.43	155780.43	63680.31	92100.11
17+020.000	5.54	106.84	106.84	0.23	67.48	155887.27	155887.27	63747.80	92139.47
17+034.917	9.17	109.71	109.71	0.45	5.01	155996.98	155996.98	63752.81	92244.17
17+040.000	12.17	54.21	54.21	0.00	1.18	156051.19	156051.19	63753.99	92297.20
17+060.000	11.87	240.34	240.34	0.09	0.92	156291.54	156291.54	63754.91	92536.63
17+068.110	8.55	82.81	82.81	0.61	2.84	156374.35	156374.35	63757.75	92616.60
17+080.000	5.33	83.01	83.01	0.77	8.04	156457.35	156457.35	63765.78	92691.57
17+082.631	4.56	13.02	13.02	0.82	2.09	156470.37	156470.37	63767.88	92702.50
17+097.152	3.68	60.00	60.00	0.55	9.82	156530.37	156530.37	63777.69	92752.68
17+100.000	4.09	11.07	11.07	0.41	1.36	156541.45	156541.45	63779.05	92762.40

17+120.000	4.67	87.64	87.64	0.93	13.36	156629.09	156629.09	63792.41	92836.68
17+121.577	4.71	7.40	7.40	0.92	1.46	156636.48	156636.48	63793.87	92842.61
17+135.020	9.57	96.13	96.13	0.00	5.97	156732.61	156732.61	63799.85	92932.77
17+140.000	8.42	45.10	45.10	0.68	1.61	156777.72	156777.72	63801.46	92976.26
17+148.464	9.98	78.84	78.84	0.50	4.75	156856.56	156856.56	63806.21	93050.35
17+160.000	10.06	115.59	115.59	0.00	2.87	156972.15	156972.15	63809.08	93163.07
17+180.000	6.76	168.20	168.20	0.14	1.46	157140.35	157140.35	63810.54	93329.81
17+185.683	5.99	36.22	36.22	0.77	2.59	157176.57	157176.57	63813.13	93363.44
17+200.000	6.07	85.73	85.73	0.80	11.84	157262.30	157262.30	63824.97	93437.33
17+220.000	5.86	118.96	118.96	0.98	18.32	157381.27	157381.27	63843.29	93537.98
17+226.464	6.48	40.00	40.00	0.81	5.67	157421.27	157421.27	63848.96	93572.31
17+240.000	6.52	88.65	88.65	1.52	14.92	157509.92	157509.92	63863.88	93646.04
17+260.000	5.44	120.23	120.23	2.08	34.33	157630.14	157630.14	63898.20	93731.94
17+267.245	5.20	38.56	38.56	2.82	17.22	157668.70	157668.70	63915.42	93753.28
17+280.000	7.29	79.53	79.53	1.74	28.88	157748.23	157748.23	63944.30	93803.93
17+300.000	8.03	153.21	153.21	0.39	21.29	157901.44	157901.44	63965.60	93935.84
17+320.000	6.64	146.68	146.68	0.41	7.92	158048.12	158048.12	63973.52	94074.60
17+340.000	7.80	144.33	144.33	0.64	10.49	158192.45	158192.45	63984.01	94208.44
17+346.049	6.18	42.28	42.28	0.01	1.98	158234.73	158234.73	63985.99	94248.74
17+360.000	9.09	106.92	106.92	0.00	0.09	158341.65	158341.65	63986.08	94355.56
17+379.996	4.20	133.80	133.80	3.75	36.57	158475.45	158475.45	64022.65	94452.79
17+380.000	4.20	0.02	0.02	3.75	0.02	158475.47	158475.47	64022.67	94452.80
17+400.000	7.79	119.78	119.78	1.58	52.21	158595.24	158595.24	64074.88	94520.37
17+413.943	7.13	103.81	103.81	2.32	27.00	158699.06	158699.06	64101.88	94597.18
17+420.000	6.72	41.80	41.80	1.66	11.89	158740.86	158740.86	64113.77	94627.09
17+440.000	7.04	137.64	137.64	1.95	36.11	158878.49	158878.49	64149.88	94728.62
17+460.000	9.77	168.12	168.12	0.00	19.49	159046.62	159046.62	64169.37	94877.25
17+480.000	6.63	163.99	163.99	0.03	0.34	159210.60	159210.60	64169.71	95040.90
17+493.508	6.98	91.91	91.91	0.25	1.94	159302.52	159302.52	64171.65	95130.87
17+500.000	7.42	42.92	42.92	0.57	3.98	159345.43	159345.43	64175.63	95169.81
17+503.624	8.53	27.76	27.76	0.11	1.85	159373.19	159373.19	64177.48	95195.72
17+513.740	8.81	84.89	84.89	0.96	8.26	159458.08	159458.08	64185.74	95272.34
17+520.000	9.02	56.83	56.83	1.13	5.29	159514.91	159514.91	64191.03	95323.88
17+540.000	7.81	168.26	168.26	2.44	35.77	159683.17	159683.17	64226.80	95456.37
17+560.000	6.40	142.10	142.10	11.98	144.21	159825.27	159825.27	64371.02	95454.25
17+580.000	6.42	128.22	128.22	5.33	173.11	159953.49	159953.49	64544.13	95409.36
17+600.000	6.84	132.60	132.60	4.77	101.07	160086.09	160086.09	64645.20	95440.90
17+620.000	9.76	166.02	166.02	1.30	60.75	160252.11	160252.11	64705.94	95546.17

17+640.000	6.39	161.48	161.48	2.51	38.08	160413.59	160413.59	64744.02	95669.57
17+660.000	7.40	137.82	137.82	4.16	66.71	160551.40	160551.40	64810.73	95740.67
17+680.000	10.38	177.72	177.72	2.83	69.92	160729.12	160729.12	64880.65	95848.47
17+700.000	9.63	200.02	200.02	0.17	29.98	160929.14	160929.14	64910.63	96018.51
17+720.000	7.94	175.69	175.69	0.56	7.29	161104.83	161104.83	64917.92	96186.91
17+740.000	7.81	157.49	157.49	0.74	12.98	161262.32	161262.32	64930.90	96331.42
17+760.000	3.03	108.36	108.36	3.71	44.55	161370.68	161370.68	64975.45	96395.23
17+780.000	6.73	97.64	97.64	1.53	52.45	161468.32	161468.32	65027.90	96440.41
17+800.000	6.78	135.14	135.14	1.89	34.16	161603.45	161603.45	65062.07	96541.39
17+820.000	11.22	179.95	179.95	0.88	27.61	161783.41	161783.41	65089.68	96693.73
17+840.000	14.15	253.64	253.64	1.20	20.75	162037.05	162037.05	65110.43	96926.62
17+860.000	6.01	201.56	201.56	0.48	16.77	162238.62	162238.62	65127.20	97111.42
17+880.000	6.89	128.97	128.97	0.14	6.18	162367.58	162367.58	65133.38	97234.20
17+900.000	6.09	129.84	129.84	0.14	2.78	162497.42	162497.42	65136.16	97361.25
17+920.000	4.07	101.60	101.60	0.65	7.83	162599.02	162599.02	65143.99	97455.03
17+940.000	5.88	99.47	99.47	0.74	13.85	162698.49	162698.49	65157.84	97540.65
17+960.000	7.82	137.06	137.06	0.86	16.01	162835.55	162835.55	65173.85	97661.70
17+980.000	2.04	98.64	98.64	1.65	25.14	162934.20	162934.20	65198.99	97735.20
18+000.000	5.13	71.65	71.65	0.38	20.31	163005.85	163005.85	65219.30	97786.54
18+020.000	2.85	79.73	79.73	2.91	32.89	163085.57	163085.57	65252.20	97833.38
18+040.000	4.87	77.16	77.16	2.07	49.82	163162.73	163162.73	65302.02	97860.71
18+060.000	12.46	173.24	173.24	0.00	20.71	163335.97	163335.97	65322.72	98013.25
18+080.000	9.79	222.49	222.49	0.00	0.00	163558.46	163558.46	65322.72	98235.74
18+100.000	1.85	116.46	116.46	2.09	20.90	163674.92	163674.92	65343.62	98331.30
18+120.000	2.27	41.27	41.27	1.01	30.98	163716.19	163716.19	65374.60	98341.59
18+129.951	2.42	23.34	23.34	2.71	18.52	163739.53	163739.53	65393.12	98346.41
18+140.000	3.45	29.22	29.22	1.02	19.05	163768.75	163768.75	65412.18	98356.58
18+160.000	5.12	85.17	85.17	1.43	25.00	163853.92	163853.92	65437.18	98416.74
18+180.000	12.24	173.39	173.39	0.00	14.60	164027.32	164027.32	65451.78	98575.54
18+200.000	4.03	162.53	162.53	2.98	29.83	164189.85	164189.85	65481.61	98708.24
18+220.000	12.93	169.30	169.30	0.96	39.24	164359.16	164359.16	65520.84	98838.31
18+236.455	6.35	158.77	158.77	2.83	30.50	164517.92	164517.92	65551.34	98966.58
18+240.000	7.47	24.50	24.50	2.57	9.57	164542.42	164542.42	65560.91	98981.50
18+260.000	10.16	177.38	177.38	2.34	48.08	164719.80	164719.80	65609.00	99110.80
18+280.000	4.55	147.84	147.84	5.84	80.61	164867.64	164867.64	65689.61	99178.03
18+300.000	0.67	52.07	52.07	12.17	179.87	164919.71	164919.71	65869.48	99050.23
18+320.000	2.99	36.38	36.38	9.95	222.56	164956.09	164956.09	66092.04	98864.05
18+340.000	7.65	106.13	106.13	6.77	168.54	165062.22	165062.22	66260.58	98801.64

18+342.960	9.13	24.83	24.83	5.35	17.94	165087.06	165087.06	66278.52	98808.54
18+360.000	9.21	156.49	156.49	0.00	45.26	165243.55	165243.55	66323.78	98919.77
18+380.000	3.69	129.03	129.03	0.95	9.48	165372.57	165372.57	66333.25	99039.32
18+400.000	6.76	104.56	104.56	3.31	42.54	165477.14	165477.14	66375.80	99101.34
18+420.000	8.20	149.65	149.65	0.92	42.28	165626.78	165626.78	66418.08	99208.70
18+440.000	5.76	139.58	139.58	2.16	30.84	165766.36	165766.36	66448.92	99317.44
18+460.000	4.80	105.58	105.58	4.76	69.18	165871.94	165871.94	66518.10	99353.84
18+480.000	0.61	54.17	54.17	12.63	173.87	165926.11	165926.11	66691.97	99234.14
18+500.000	0.00	6.15	6.15	14.84	274.70	165932.26	165932.26	66966.67	98965.59
18+520.000	2.27	22.73	22.73	5.65	204.84	165954.99	165954.99	67171.51	98783.48
18+540.000	11.80	140.68	140.68	0.24	58.83	166095.68	166095.68	67230.34	98865.34
18+560.000	9.04	208.31	208.31	1.63	18.68	166303.99	166303.99	67249.02	99054.97
18+580.000	13.85	228.86	228.86	0.03	16.57	166532.86	166532.86	67265.59	99267.27
18+600.000	12.30	261.55	261.55	0.78	8.05	166794.40	166794.40	67273.64	99520.77
18+620.000	13.72	260.23	260.23	0.02	7.98	167054.63	167054.63	67281.62	99773.01
18+640.000	21.35	350.69	350.69	0.00	0.19	167405.32	167405.32	67281.81	100123.51
18+660.000	16.13	374.82	374.82	0.02	0.18	167780.14	167780.14	67281.99	100498.15
18+680.000	13.44	295.67	295.67	0.23	2.53	168075.81	168075.81	67284.52	100791.29
18+700.000	17.92	313.61	313.61	0.00	2.35	168389.42	168389.42	67286.87	101102.55
18+720.000	20.52	384.46	384.46	0.07	0.67	168773.88	168773.88	67287.54	101486.34
18+740.000	11.25	317.66	317.66	2.81	28.81	169091.54	169091.54	67316.35	101775.19
18+760.000	7.68	189.21	189.21	1.74	45.54	169280.75	169280.75	67361.89	101918.87
18+780.000	3.88	115.52	115.52	7.60	93.36	169396.27	169396.27	67455.25	101941.03
18+800.000	3.87	77.47	77.47	3.76	113.60	169473.75	169473.75	67568.84	101904.90
18+820.000	6.38	102.53	102.53	1.01	47.72	169576.27	169576.27	67616.57	101959.70
18+840.000	9.04	154.25	154.25	2.40	34.08	169730.52	169730.52	67650.65	102079.87
18+860.000	9.02	180.58	180.58	3.31	57.05	169911.10	169911.10	67707.70	102203.40
18+880.000	11.98	210.00	210.00	1.58	48.88	170121.09	170121.09	67756.58	102364.52
18+900.000	11.53	235.11	235.11	3.13	47.16	170356.21	170356.21	67803.73	102552.47
18+920.000	7.39	189.13	189.13	4.21	73.40	170545.34	170545.34	67877.13	102668.21
18+940.000	5.39	127.73	127.73	7.16	113.69	170673.07	170673.07	67990.82	102682.25
18+960.000	1.60	69.87	69.87	12.01	191.72	170742.94	170742.94	68182.55	102560.40
18+980.000	2.72	43.17	43.17	8.97	209.79	170786.11	170786.11	68392.34	102393.78
19+000.000	0.39	31.09	31.09	10.36	193.25	170817.20	170817.20	68585.59	102231.62
19+020.000	1.70	20.89	20.89	10.71	210.66	170838.09	170838.09	68796.24	102041.85
19+040.000	4.51	62.08	62.08	8.27	189.81	170900.17	170900.17	68986.06	101914.12
19+060.000	6.95	114.63	114.63	7.34	156.08	171014.80	171014.80	69142.13	101872.67
19+080.000	8.02	149.67	149.67	7.82	151.56	171164.47	171164.47	69293.69	101870.78

19+100.000	8.28	162.91	162.91	8.26	160.74	171327.39	171327.39	69454.43	101872.95
19+120.000	5.52	137.92	137.92	12.36	206.12	171465.30	171465.30	69660.55	101804.75
19+140.000	6.21	117.27	117.27	11.46	238.19	171582.58	171582.58	69898.74	101683.84
19+160.000	3.31	95.23	95.23	13.20	246.65	171677.80	171677.80	70145.38	101532.42
19+180.000	3.58	68.95	68.95	13.09	262.92	171746.75	171746.75	70408.30	101338.45
19+200.000	2.59	61.69	61.69	14.19	272.84	171808.43	171808.43	70681.14	101127.29
19+220.000	5.93	85.16	85.16	11.32	255.16	171893.60	171893.60	70936.30	100957.29
19+240.000	2.04	79.72	79.72	10.81	221.28	171973.32	171973.32	71157.58	100815.74
19+260.000	2.80	48.45	48.45	6.79	175.92	172021.77	172021.77	71333.50	100688.27
19+280.000	2.48	52.79	52.79	5.47	122.53	172074.56	172074.56	71456.02	100618.53
19+300.000	5.17	76.50	76.50	3.71	91.73	172151.06	172151.06	71547.75	100603.30
19+316.150	3.63	71.06	71.06	4.07	62.79	172222.12	172222.12	71610.55	100611.57
19+320.000	2.11	11.97	11.97	4.95	16.84	172234.09	172234.09	71627.39	100606.70
19+340.000	0.00	20.75	20.75	9.46	144.29	172254.84	172254.84	71771.68	100483.16
19+360.000	0.83	8.15	8.15	5.26	147.25	172262.99	172262.99	71918.93	100344.06
19+380.000	0.24	10.55	10.55	2.85	81.21	172273.54	172273.54	72000.14	100273.41
19+400.000	6.94	71.43	71.43	0.12	29.61	172344.98	172344.98	72029.75	100315.23
19+401.601	8.92	12.69	12.69	0.01	0.10	172357.67	172357.67	72029.85	100327.82
19+420.000	21.29	276.29	276.29	0.00	0.07	172633.96	172633.96	72029.92	100604.04
19+440.000	24.56	456.04	456.04	0.00	0.00	173090.00	173090.00	72029.92	101060.08
19+460.000	21.53	458.58	458.58	0.90	9.15	173548.58	173548.58	72039.07	101509.51
19+480.000	10.37	317.49	317.49	3.58	45.58	173866.07	173866.07	72084.65	101781.42
19+487.053	6.82	60.62	60.62	5.65	32.55	173926.69	173926.69	72117.20	101809.49
19+500.000	5.97	82.44	82.44	4.40	66.29	174009.13	174009.13	72183.49	101825.63
19+520.000	6.32	122.87	122.87	2.14	65.42	174131.99	174131.99	72248.92	101883.08
19+535.305	6.88	100.99	100.99	2.60	36.27	174232.98	174232.98	72285.18	101947.80
19+540.000	7.97	31.59	31.59	2.35	15.12	174264.57	174264.57	72300.30	101964.26
19+560.000	14.04	218.29	218.29	5.13	76.92	174482.86	174482.86	72377.22	102105.63
19+578.253	15.88	270.79	270.79	8.14	124.56	174753.64	174753.64	72501.78	102251.86
19+580.000	13.87	25.99	25.99	8.12	14.19	174779.63	174779.63	72515.97	102263.65
19+600.000	5.69	193.94	193.94	8.96	175.21	174973.57	174973.57	72691.18	102282.39
19+620.000	5.77	113.67	113.67	0.50	96.89	175087.23	175087.23	72788.07	102299.16
19+621.202	5.20	6.59	6.59	0.61	0.66	175093.82	175093.82	72788.74	102305.09
19+640.000	0.95	58.79	58.79	12.10	106.94	175152.61	175152.61	72895.68	102256.94
19+647.941	0.32	5.05	5.05	8.00	79.81	175157.67	175157.67	72975.49	102182.18
19+656.369	2.56	12.44	12.44	7.10	62.56	175170.11	175170.11	73038.05	102132.06
19+660.000	2.72	9.72	9.72	6.03	23.24	175179.83	175179.83	73061.29	102118.54
19+664.796	5.76	20.34	20.34	3.89	23.12	175200.17	175200.17	73084.41	102115.76

19+680.000	16.33	167.95	167.95	4.95	67.18	175368.12	175368.12	73151.59	102216.52
19+700.000	25.91	422.34	422.34	0.94	58.81	175790.46	175790.46	73210.41	102580.06
19+711.141	30.95	316.73	316.73	1.91	15.86	176107.19	176107.19	73226.26	102880.93
19+720.000	28.27	252.00	252.00	2.35	21.82	176359.19	176359.19	73248.09	103111.10
19+726.031	21.66	144.79	144.79	3.05	18.80	176503.98	176503.98	73266.88	103237.09
19+740.000	19.85	281.91	281.91	3.08	49.34	176785.89	176785.89	73316.22	103469.67
19+740.921	18.37	17.61	17.61	3.56	3.06	176803.49	176803.49	73319.28	103484.21
19+760.000	10.42	274.05	274.05	4.71	79.56	177077.55	177077.55	73398.84	103678.71
19+780.000	12.29	227.12	227.12	5.64	103.42	177304.67	177304.67	73502.26	103802.41
19+800.000	27.92	402.10	402.10	4.24	98.79	177706.77	177706.77	73601.05	104105.72
19+811.378	25.71	305.08	305.08	3.94	46.57	178011.85	178011.85	73647.62	104364.23
19+820.000	29.73	243.97	243.97	4.38	33.76	178255.82	178255.82	73681.38	104574.44
19+840.000	21.36	531.68	531.68	4.34	77.73	178787.50	178787.50	73759.11	105028.39
19+860.000	20.79	438.96	438.96	5.45	87.47	179226.46	179226.46	73846.58	105379.88
19+861.387	20.37	29.85	29.85	5.80	6.98	179256.31	179256.31	73853.55	105402.76
19+880.000	6.04	255.91	255.91	8.23	119.93	179512.22	179512.22	73973.48	105538.74
19+900.000	0.59	68.35	68.35	6.94	140.97	179580.57	179580.57	74114.45	105466.12
19+911.396	4.49	30.84	30.84	0.37	38.33	179611.41	179611.41	74152.78	105458.63
19+920.000	7.90	63.35	63.35	1.54	5.18	179674.76	179674.76	74157.97	105516.79
19+940.000	16.19	236.53	236.53	1.10	28.12	179911.29	179911.29	74186.09	105725.20
19+960.000	22.40	379.46	379.46	0.00	11.73	180290.74	180290.74	74197.82	106092.92
19+980.000	11.49	333.05	333.05	0.13	1.37	180623.79	180623.79	74199.19	106424.61
19+980.485	11.35	5.54	5.54	0.15	0.07	180629.34	180629.34	74199.26	106430.08
20+000.000	8.36	188.48	188.48	3.57	38.18	180817.81	180817.81	74237.43	106580.38
20+020.000	8.31	162.47	162.47	3.00	68.78	180980.28	180980.28	74306.21	106674.07
20+040.000	15.78	236.45	236.45	1.29	44.86	181216.73	181216.73	74351.06	106865.66
20+049.575	15.32	146.65	146.65	2.07	16.86	181363.38	181363.38	74367.92	106995.46
20+060.000	19.96	186.43	186.43	0.33	11.93	181549.81	181549.81	74379.85	107169.96
20+080.000	21.71	416.70	416.70	0.00	3.31	181966.52	181966.52	74383.16	107583.35
20+100.000	12.81	345.23	345.23	0.29	2.86	182311.75	182311.75	74386.03	107925.72
20+120.000	7.92	207.34	207.34	1.09	13.81	182519.08	182519.08	74399.84	108119.25
20+140.000	6.23	141.51	141.51	2.65	37.40	182660.59	182660.59	74437.24	108223.36
20+160.000	2.93	91.55	91.55	5.96	86.07	182752.14	182752.14	74523.31	108228.83
20+180.000	9.23	121.51	121.51	12.45	184.15	182873.65	182873.65	74707.46	108166.19
20+200.000	13.94	231.67	231.67	11.19	236.40	183105.32	183105.32	74943.86	108161.45
20+220.000	7.22	211.60	211.60	4.97	161.61	183316.92	183316.92	75105.47	108211.45
20+227.897	7.47	57.99	57.99	2.67	30.17	183374.91	183374.91	75135.64	108239.27
20+240.000	6.21	82.33	82.33	0.49	19.23	183457.24	183457.24	75154.87	108302.38

20+260.000	14.48	203.06	203.06	0.00	4.98	183660.30	183660.30	75159.84	108500.46
20+265.011	19.71	83.63	83.63	0.00	0.00	183743.92	183743.92	75159.84	108584.08
20+280.000	15.80	259.83	259.83	0.00	0.00	184003.75	184003.75	75159.84	108843.91
20+300.000	4.24	196.32	196.32	2.88	27.68	184200.07	184200.07	75187.53	109012.54
20+302.124	3.60	8.33	8.33	4.14	7.46	184208.40	184208.40	75194.98	109013.41
20+320.000	12.54	143.24	143.24	4.21	74.61	184351.64	184351.64	75269.59	109082.05
20+340.000	0.47	130.05	130.05	14.84	190.52	184481.69	184481.69	75460.11	109021.57
20+343.017	0.06	0.79	0.79	16.32	47.00	184482.47	184482.47	75507.11	108975.36
20+358.814	2.06	15.94	15.94	5.54	170.70	184498.41	184498.41	75677.81	108820.61
20+360.000	0.85	1.72	1.72	5.15	6.34	184500.13	184500.13	75684.14	108815.99
20+374.612	4.85	41.77	41.77	5.59	79.13	184541.90	184541.90	75763.28	108778.62
20+380.000	10.65	42.55	42.55	4.55	26.44	184584.45	184584.45	75789.71	108794.73
20+400.000	5.50	161.52	161.52	10.26	148.13	184745.97	184745.97	75937.84	108808.12
20+420.000	18.40	239.02	239.02	0.55	108.11	184984.99	184984.99	76045.96	108939.03
20+426.710	18.34	123.27	123.27	0.33	2.95	185108.26	185108.26	76048.91	109059.35
20+440.000	12.54	211.14	211.14	2.16	15.48	185319.40	185319.40	76064.38	109255.01
20+460.000	26.03	384.13	384.13	0.80	28.67	185703.53	185703.53	76093.06	109610.47
20+460.099	25.84	2.58	2.58	0.83	0.08	185706.10	185706.10	76093.14	109612.96
20+480.000	11.49	361.68	361.68	4.20	53.09	186067.79	186067.79	76146.23	109921.56
20+493.489	15.02	171.87	171.87	1.08	37.90	186239.65	186239.65	76184.14	110055.52
20+500.000	18.22	108.19	108.19	1.49	8.36	186347.85	186347.85	76192.50	110155.35
20+519.653	8.91	266.56	266.56	3.76	51.53	186614.40	186614.40	76244.03	110370.37
20+520.000	8.41	3.00	3.00	3.96	1.34	186617.41	186617.41	76245.37	110372.03
20+540.000	0.00	84.53	84.53	23.64	276.38	186701.94	186701.94	76521.75	110180.18
20+544.218	1.11	2.34	2.34	15.10	81.71	186704.28	186704.28	76603.47	110100.81
20+560.000	15.38	129.96	129.96	0.22	121.59	186834.24	186834.24	76725.05	110109.18
20+568.784	8.93	106.55	106.55	1.80	9.03	186940.79	186940.79	76734.08	110206.71
20+580.000	5.17	76.97	76.97	5.00	40.69	187017.76	187017.76	76774.78	110242.99
20+600.000	2.04	72.19	72.19	10.04	150.39	187089.96	187089.96	76925.17	110164.79
20+620.000	4.27	63.18	63.18	5.73	157.75	187153.14	187153.14	77082.91	110070.23
20+640.000	15.16	194.34	194.34	1.85	75.87	187347.48	187347.48	77158.78	110188.70
20+660.000	8.79	239.48	239.48	3.93	57.87	187586.97	187586.97	77216.65	110370.32
20+667.569	7.65	62.21	62.21	1.97	22.35	187649.17	187649.17	77239.00	110410.18
20+680.000	5.93	93.39	93.39	8.38	59.89	187742.56	187742.56	77298.89	110443.67
20+696.737	4.85	95.81	95.81	9.90	149.21	187838.38	187838.38	77448.10	110390.28
20+700.000	4.91	16.85	16.85	9.95	31.76	187855.23	187855.23	77479.86	110375.37
20+720.000	3.09	84.87	84.87	12.17	217.01	187940.10	187940.10	77696.87	110243.22
20+725.906	2.87	18.62	18.62	6.54	54.15	187958.72	187958.72	77751.03	110207.69

20+740.000	18.22	171.98	171.98	5.68	72.88	188130.69	188130.69	77823.91	110306.79
20+743.291	13.08	51.51	51.51	3.86	15.69	188182.20	188182.20	77839.60	110342.60
20+760.000	15.03	228.21	228.21	0.00	34.46	188410.41	188410.41	77874.06	110536.35
20+769.499	19.22	160.08	160.08	0.00	0.00	188570.49	188570.49	77874.07	110696.42
20+780.000	18.58	192.86	192.86	0.10	0.56	188763.35	188763.35	77874.63	110888.73
20+795.707	6.59	192.50	192.50	4.29	32.58	188955.86	188955.86	77907.21	111048.65
20+800.000	4.09	22.93	22.93	5.29	19.57	188978.79	188978.79	77926.78	111052.01
20+820.000	2.22	63.09	63.09	8.26	135.57	189041.87	189041.87	78062.36	110979.52
20+840.000	20.29	225.12	225.12	0.00	82.66	189266.99	189266.99	78145.02	111121.97
20+858.019	17.87	343.84	343.84	0.00	0.02	189610.83	189610.83	78145.03	111465.79
20+860.000	15.26	20.77	20.77	0.94	2.53	189631.60	189631.60	78147.57	111484.03
20+880.000	1.11	170.92	170.92	1.53	21.34	189802.52	189802.52	78168.90	111633.61
20+885.680	0.04	3.51	3.51	2.60	10.64	189806.02	189806.02	78179.55	111626.47
20+900.000	0.92	5.97	5.97	1.20	25.83	189811.99	189811.99	78205.38	111606.61
20+913.340	0.44	8.16	8.16	4.89	39.64	189820.15	189820.15	78245.01	111575.14
20+920.000	0.94	4.53	4.53	7.27	43.78	189824.68	189824.68	78288.79	111535.89
20+940.000	1.34	22.85	22.85	10.62	178.83	189847.52	189847.52	78467.61	111379.91
20+960.000	13.36	147.08	147.08	2.88	134.93	189994.61	189994.61	78602.55	111392.06
20+980.000	17.60	309.64	309.64	0.43	33.11	190304.25	190304.25	78635.66	111668.59
21+000.000	20.11	377.10	377.10	0.00	4.34	190681.35	190681.35	78639.99	112041.36
21+020.000	14.98	350.89	350.89	0.04	0.36	191032.24	191032.24	78640.35	112391.89
21+039.040	1.72	158.97	158.97	8.58	81.98	191191.21	191191.21	78722.33	112468.88
21+040.000	2.06	1.78	1.78	8.06	7.21	191193.00	191193.00	78729.54	112463.45
21+060.000	1.55	35.96	35.96	13.86	220.38	191228.96	191228.96	78949.93	112279.03
21+076.599	1.76	27.31	27.31	7.11	175.17	191256.27	191256.27	79125.10	112131.18
21+080.000	3.18	8.41	8.41	5.37	21.22	191264.68	191264.68	79146.32	112118.36
21+100.000	3.95	70.98	70.98	7.21	126.62	191335.66	191335.66	79272.94	112062.72
21+114.157	4.70	60.94	60.94	5.15	88.09	191396.60	191396.60	79361.02	112035.58
21+120.000	3.59	22.33	22.33	5.82	35.32	191418.93	191418.93	79396.34	112022.59
21+140.000	9.00	125.92	125.92	0.80	66.18	191544.85	191544.85	79462.52	112082.33
21+160.000	13.45	224.50	224.50	0.14	9.44	191769.35	191769.35	79471.96	112297.39
21+180.000	7.67	211.17	211.17	0.10	2.43	191980.52	191980.52	79474.38	112506.13
21+200.000	7.59	152.56	152.56	0.00	1.01	192133.07	192133.07	79475.39	112657.68
21+220.000	3.30	108.82	108.82	0.21	2.09	192241.90	192241.90	79477.48	112764.42
21+240.000	6.07	93.66	93.66	0.10	3.09	192335.55	192335.55	79480.57	112854.98
21+260.000	11.38	174.50	174.50	0.00	1.01	192510.05	192510.05	79481.58	113028.47
21+280.000	8.84	202.25	202.25	0.03	0.32	192712.30	192712.30	79481.90	113230.41
21+286.322	9.13	56.83	56.83	0.00	0.10	192769.13	192769.13	79482.00	113287.14

21+300.000	9.10	124.05	124.05	0.00	0.03	192893.18	192893.18	79482.03	113411.16
21+313.071	8.93	117.74	117.74	0.05	0.32	193010.92	193010.92	79482.34	113528.58
21+320.000	9.44	63.63	63.63	0.04	0.30	193074.56	193074.56	79482.65	113591.91
21+339.821	7.23	164.86	164.86	1.05	11.27	193239.41	193239.41	79493.91	113745.50
21+340.000	7.22	1.29	1.29	1.03	0.19	193240.71	193240.71	79494.10	113746.61
21+360.000	6.19	134.18	134.18	0.21	12.42	193374.88	193374.88	79506.52	113868.36
21+380.000	5.84	120.38	120.38	1.18	13.98	193495.26	193495.26	79520.50	113974.76
21+400.000	7.68	135.20	135.20	0.19	13.77	193630.46	193630.46	79534.28	114096.18
21+420.000	9.81	174.89	174.89	0.00	1.94	193805.35	193805.35	79536.22	114269.14
21+440.000	5.96	157.71	157.71	3.29	32.85	193963.06	193963.06	79569.07	114393.99
21+460.000	9.25	152.10	152.10	1.30	45.86	194115.16	194115.16	79614.92	114500.24
21+480.000	8.26	175.16	175.16	0.37	16.68	194290.32	194290.32	79631.60	114658.72
21+500.000	6.18	144.39	144.39	1.23	15.98	194434.72	194434.72	79647.59	114787.13
21+520.000	7.70	138.78	138.78	0.74	19.73	194573.50	194573.50	79667.32	114906.18
21+540.000	6.23	139.33	139.33	0.30	10.44	194712.82	194712.82	79677.76	115035.06
21+541.020	6.04	6.26	6.26	0.31	0.31	194719.08	194719.08	79678.07	115041.01
21+560.000	5.74	112.55	112.55	0.49	7.41	194831.63	194831.63	79685.49	115146.15
21+580.000	3.04	88.72	88.72	2.64	30.81	194920.35	194920.35	79716.29	115204.06
21+600.000	3.65	67.42	67.42	0.10	26.98	194987.77	194987.77	79743.27	115244.51
21+610.354	1.95	29.06	29.06	0.59	3.52	195016.83	195016.83	79746.79	115270.04
21+620.000	2.65	22.25	22.25	1.21	8.63	195039.08	195039.08	79755.41	115283.67
21+640.000	10.75	134.38	134.38	0.00	12.10	195173.46	195173.46	79767.51	115405.95
21+660.000	9.67	204.14	204.14	0.06	0.58	195377.60	195377.60	79768.09	115609.51
21+679.688	6.72	160.50	160.50	1.08	11.39	195538.10	195538.10	79779.48	115758.62
21+680.000	6.74	1.47	1.47	1.00	0.60	195539.58	195539.58	79780.08	115759.50
21+700.000	2.74	94.84	94.84	1.42	24.14	195634.41	195634.41	79804.22	115830.19
21+720.000	2.14	48.89	48.89	1.69	31.06	195683.30	195683.30	79835.28	115848.02
21+740.000	1.54	36.80	36.80	0.99	26.78	195720.10	195720.10	79862.06	115858.04
21+760.000	1.99	35.28	35.28	0.72	17.11	195755.38	195755.38	79879.17	115876.21
21+780.000	2.70	46.93	46.93	0.20	9.19	195802.31	195802.31	79888.36	115913.95
21+800.000	6.31	90.08	90.08	0.00	1.99	195892.38	195892.38	79890.35	116002.03
21+820.000	6.97	132.74	132.74	0.00	0.04	196025.13	196025.13	79890.39	116134.74
21+840.000	6.42	133.86	133.86	0.00	0.00	196158.99	196158.99	79890.39	116268.60
21+860.000	7.17	135.83	135.83	1.02	10.24	196294.83	196294.83	79900.63	116394.19
21+880.000	7.87	150.36	150.36	1.54	25.67	196445.18	196445.18	79926.30	116518.88
21+900.000	5.09	129.65	129.65	1.42	29.59	196574.83	196574.83	79955.89	116618.94
21+920.000	1.68	67.70	67.70	6.23	76.47	196642.53	196642.53	80032.36	116610.17
21+940.000	3.35	50.21	50.21	5.53	117.59	196692.74	196692.74	80149.95	116542.79

21+960.000	1.90	52.44	52.44	5.87	114.02	196745.18	196745.18	80263.98	116481.20
21+980.000	4.42	63.22	63.22	1.17	70.40	196808.40	196808.40	80334.37	116474.03
22+000.000	0.43	48.49	48.49	6.02	71.82	196856.90	196856.90	80406.19	116450.70
22+020.000	0.07	4.92	4.92	8.55	145.63	196861.81	196861.81	80551.82	116310.00
22+040.000	0.37	4.36	4.36	7.85	163.99	196866.17	196866.17	80715.81	116150.36
22+060.000	3.47	38.39	38.39	1.01	88.61	196904.56	196904.56	80804.41	116100.15
22+080.000	9.03	124.96	124.96	0.00	10.08	197029.52	197029.52	80814.49	116215.03
22+100.000	10.18	192.07	192.07	0.00	0.00	197221.59	197221.59	80814.49	116407.10
22+105.048	10.66	52.61	52.61	0.00	0.00	197274.20	197274.20	80814.49	116459.71
22+120.000	11.11	162.56	162.56	0.02	0.12	197436.76	197436.76	80814.61	116622.15
22+123.180	12.34	37.22	37.22	0.03	0.07	197473.98	197473.98	80814.68	116659.30
22+140.000	19.03	261.39	261.39	0.01	0.27	197735.37	197735.37	80814.95	116920.42
22+141.312	19.57	25.32	25.32	0.03	0.02	197760.69	197760.69	80814.97	116945.72
22+160.000	19.55	375.24	375.24	1.11	9.91	198135.93	198135.93	80824.89	117311.05
22+180.000	12.38	319.31	319.31	3.79	48.94	198455.25	198455.25	80873.83	117581.42
22+192.043	7.27	118.35	118.35	6.80	63.73	198573.59	198573.59	80937.56	117636.04
22+200.000	5.03	50.55	50.55	6.55	51.31	198624.14	198624.14	80988.86	117635.28
22+220.000	2.18	74.13	74.13	7.10	131.88	198698.27	198698.27	81120.74	117577.53
22+240.000	4.58	68.10	68.10	5.79	124.39	198766.37	198766.37	81245.13	117521.24
22+241.882	5.45	9.44	9.44	4.67	9.84	198775.82	198775.82	81254.97	117520.85
22+260.000	8.65	128.08	128.08	2.18	59.73	198903.90	198903.90	81314.70	117589.20
22+280.000	7.12	158.21	158.21	2.45	44.47	199062.11	199062.11	81359.18	117702.94
22+291.721	8.15	89.93	89.93	3.62	34.21	199152.04	199152.04	81393.39	117758.65
22+300.000	9.78	74.22	74.22	2.18	24.01	199226.26	199226.26	81417.39	117808.87
22+320.000	9.46	192.40	192.40	0.52	27.01	199418.66	199418.66	81444.41	117974.26
22+340.000	9.50	189.68	189.68	0.44	9.63	199608.34	199608.34	81454.04	118154.30
22+360.000	5.92	154.25	154.25	0.08	5.18	199762.59	199762.59	81459.22	118303.37
22+380.000	2.02	79.41	79.41	0.23	3.12	199842.01	199842.01	81462.34	118379.66
22+400.000	0.84	28.59	28.59	0.52	7.57	199870.60	199870.60	81469.92	118400.69
22+420.000	0.00	8.40	8.40	8.67	91.92	199879.00	199879.00	81561.84	118317.16
22+440.000	2.25	22.54	22.54	0.14	88.10	199901.54	199901.54	81649.93	118251.60
22+460.000	6.72	89.73	89.73	0.28	4.23	199991.27	199991.27	81654.17	118337.10
22+480.000	7.50	142.22	142.22	2.21	24.88	200133.49	200133.49	81679.05	118454.44
22+500.000	3.23	107.27	107.27	0.29	25.00	200240.76	200240.76	81704.05	118536.71
22+520.000	0.47	36.91	36.91	2.95	32.39	200277.66	200277.66	81736.44	118541.22
22+540.000	0.25	7.18	7.18	2.06	50.06	200284.84	200284.84	81786.50	118498.34
22+560.000	3.72	39.69	39.69	0.17	22.29	200324.53	200324.53	81808.79	118515.74
22+576.191	6.64	83.83	83.83	0.00	1.37	200408.36	200408.36	81810.16	118598.20

22+580.000	6.64	25.30	25.30	0.00	0.00	200433.66	200433.66	81810.16	118623.49
22+600.000	5.40	120.31	120.31	1.25	12.18	200553.97	200553.97	81822.35	118731.62
22+620.000	7.27	126.27	126.27	0.00	12.22	200680.24	200680.24	81834.57	118845.67
22+640.000	1.45	86.81	86.81	5.94	58.13	200767.05	200767.05	81892.70	118874.35
22+644.480	2.19	8.16	8.16	5.13	24.80	200775.21	200775.21	81917.50	118857.70
22+660.000	2.68	37.82	37.82	3.19	63.04	200813.02	200813.02	81980.54	118832.48
22+680.000	2.39	50.71	50.71	1.30	43.77	200863.73	200863.73	82024.31	118839.42
22+700.000	2.57	49.29	49.29	4.90	62.51	200913.02	200913.02	82086.82	118826.21
22+712.770	2.52	32.25	32.25	1.13	39.10	200945.28	200945.28	82125.92	118819.36
22+720.000	4.90	27.11	27.11	0.19	4.80	200972.39	200972.39	82130.72	118841.67
22+740.000	3.77	86.67	86.67	3.43	36.19	201059.05	201059.05	82166.91	118892.14
22+760.000	5.25	90.25	90.25	1.84	52.67	201149.30	201149.30	82219.58	118929.72
22+780.000	4.93	101.82	101.82	1.81	36.43	201251.12	201251.12	82256.01	118995.11
22+800.000	3.54	84.66	84.66	1.03	28.41	201335.77	201335.77	82284.42	119051.35
22+820.000	5.69	92.26	92.26	1.15	21.83	201428.04	201428.04	82306.25	119121.78
22+840.000	4.52	102.13	102.13	0.67	18.24	201530.17	201530.17	82324.49	119205.68
22+860.000	6.23	107.52	107.52	0.00	6.75	201637.69	201637.69	82331.24	119306.45
22+871.571	7.14	77.33	77.33	0.00	0.00	201715.02	201715.02	82331.24	119383.78
22+880.000	6.34	56.81	56.81	0.12	0.53	201771.82	201771.82	82331.76	119440.06
22+900.000	4.48	108.35	108.35	0.33	4.55	201880.18	201880.18	82336.31	119543.87
22+909.794	7.03	56.13	56.13	0.13	2.29	201936.31	201936.31	82338.60	119597.71
22+920.000	6.40	68.14	68.14	0.07	1.05	202004.44	202004.44	82339.65	119664.79
22+940.000	6.21	125.73	125.73	0.03	0.99	202130.17	202130.17	82340.64	119789.53
22+948.017	6.45	50.74	50.74	0.19	0.86	202180.91	202180.91	82341.50	119839.40
22+960.000	6.27	76.24	76.24	0.21	2.37	202257.15	202257.15	82343.88	119913.27
22+980.000	3.16	94.36	94.36	1.90	21.14	202351.51	202351.51	82365.02	119986.49
23+000.000	6.21	93.71	93.71	1.13	30.36	202445.21	202445.21	82395.38	120049.83
23+020.000	6.68	128.84	128.84	0.43	15.65	202574.06	202574.06	82411.02	120163.03
23+023.126	6.97	21.33	21.33	0.32	1.18	202595.39	202595.39	82412.21	120183.18
23+040.000	6.71	117.83	117.83	0.07	2.93	202713.22	202713.22	82415.14	120298.08
23+048.156	6.50	55.47	55.47	0.10	0.60	202768.69	202768.69	82415.74	120352.96
23+060.000	6.26	78.24	78.24	0.36	2.42	202846.93	202846.93	82418.16	120428.77
23+073.186	6.42	84.41	84.41	0.02	2.27	202931.34	202931.34	82420.43	120510.92
23+080.000	5.27	39.84	39.84	0.02	0.16	202971.18	202971.18	82420.59	120550.59
23+100.000	6.23	115.06	115.06	0.28	3.07	203086.24	203086.24	82423.66	120662.58
23+120.000	8.40	146.34	146.34	0.00	2.83	203232.58	203232.58	82426.49	120806.09
23+140.000	8.12	165.20	165.20	0.02	0.18	203397.78	203397.78	82426.67	120971.11
23+160.000	4.59	127.13	127.13	1.37	13.84	203524.92	203524.92	82440.51	121084.41

23+180.000	7.12	117.09	117.09	0.00	13.66	203642.00	203642.00	82454.16	121187.84
23+200.000	2.76	98.80	98.80	1.57	15.67	203740.80	203740.80	82469.84	121270.97
23+213.419	9.49	82.25	82.25	0.01	10.60	203823.05	203823.05	82480.44	121342.61
23+220.000	4.49	45.45	45.45	2.41	8.46	203868.50	203868.50	82488.90	121379.60
23+240.000	5.81	103.47	103.47	3.32	56.55	203971.97	203971.97	82545.45	121426.52
23+258.325	8.72	133.44	133.44	1.34	42.31	204105.40	204105.40	82587.76	121517.64
23+260.000	9.62	15.36	15.36	1.12	2.06	204120.77	204120.77	82589.82	121530.95
23+280.000	14.25	238.06	238.06	0.03	11.13	204358.83	204358.83	82600.96	121757.88
23+300.000	7.30	213.94	213.94	0.53	5.58	204572.77	204572.77	82606.54	121966.23
23+303.230	7.29	23.57	23.57	0.39	1.49	204596.34	204596.34	82608.03	121988.31
23+320.000	7.52	124.22	124.22	0.29	5.69	204720.56	204720.56	82613.71	122106.84
23+340.000	6.32	138.45	138.45	0.24	5.27	204859.01	204859.01	82618.98	122240.03
23+360.000	3.85	101.70	101.70	0.88	11.20	204960.71	204960.71	82630.18	122330.53
23+380.000	12.57	164.14	164.14	0.00	8.78	205124.85	205124.85	82638.96	122485.89
23+400.000	5.00	175.71	175.71	2.72	27.16	205300.56	205300.56	82666.11	122634.44
23+420.000	7.14	121.41	121.41	1.44	41.55	205421.96	205421.96	82707.67	122714.30
23+440.000	18.02	251.54	251.54	0.00	14.40	205673.50	205673.50	82722.06	122951.44
23+460.000	12.32	303.32	303.32	0.10	1.03	205976.82	205976.82	82723.09	123253.73
23+480.000	14.87	271.81	271.81	0.05	1.51	206248.64	206248.64	82724.59	123524.04
23+500.000	17.18	320.44	320.44	0.00	0.48	206569.08	206569.08	82725.07	123844.01
23+520.000	6.09	232.70	232.70	8.83	88.27	206801.78	206801.78	82813.35	123988.44
23+540.000	8.30	143.92	143.92	7.52	163.47	206945.70	206945.70	82976.82	123968.88
23+560.000	7.89	161.92	161.92	5.62	131.40	207107.62	207107.62	83108.22	123999.40
23+580.000	9.48	173.70	173.70	2.18	78.03	207281.32	207281.32	83186.26	124095.06
23+600.000	8.48	179.54	179.54	0.35	25.31	207460.86	207460.86	83211.57	124249.29
23+620.000	8.94	174.15	174.15	0.40	7.47	207635.01	207635.01	83219.03	124415.98
23+640.000	5.72	146.58	146.58	2.16	25.64	207781.60	207781.60	83244.67	124536.93
23+660.000	4.84	105.57	105.57	0.85	30.17	207887.16	207887.16	83274.84	124612.32
23+680.000	2.95	77.88	77.88	1.88	27.30	207965.04	207965.04	83302.14	124662.90
23+700.000	4.92	78.69	78.69	2.36	42.35	208043.73	208043.73	83344.49	124699.24
23+720.000	5.37	102.84	102.84	1.06	34.19	208146.58	208146.58	83378.68	124767.90
23+740.000	4.28	96.50	96.50	0.66	17.20	208243.08	208243.08	83395.88	124847.20
23+760.000	3.77	80.57	80.57	1.14	17.96	208323.65	208323.65	83413.84	124909.81
23+780.000	9.00	127.72	127.72	0.21	13.45	208451.37	208451.37	83427.29	125024.08
23+800.000	10.92	199.20	199.20	0.05	2.61	208650.57	208650.57	83429.90	125220.67
23+820.000	5.47	163.89	163.89	0.40	4.53	208814.46	208814.46	83434.43	125380.03
23+821.473	5.57	8.13	8.13	0.40	0.59	208822.59	208822.59	83435.02	125387.58
23+840.000	4.90	97.40	97.40	0.41	7.52	208919.99	208919.99	83442.54	125477.45

23+860.000	3.45	83.34	83.34	3.28	36.95	209003.32	209003.32	83479.49	125523.83
23+865.423	3.90	20.03	20.03	2.25	14.98	209023.35	209023.35	83494.48	125528.87
23+880.000	4.24	59.52	59.52	0.47	19.95	209082.87	209082.87	83514.42	125568.45
23+900.000	3.81	80.88	80.88	1.17	16.02	209163.75	209163.75	83530.45	125633.31
23+909.372	3.54	34.98	34.98	4.34	24.84	209198.73	209198.73	83555.28	125643.45
23+920.000	4.60	41.95	41.95	6.53	60.69	209240.68	209240.68	83615.97	125624.71
23+940.000	7.97	125.61	125.61	0.02	65.54	209366.29	209366.29	83681.51	125684.78
23+960.000	5.39	133.52	133.52	2.58	26.07	209499.81	209499.81	83707.58	125792.23
23+980.000	7.90	132.88	132.88	3.40	59.84	209632.69	209632.69	83767.42	125865.28
24+000.000	11.63	195.36	195.36	2.59	59.91	209828.05	209828.05	83827.33	126000.72
24+013.808	10.90	155.59	155.59	1.21	26.23	209983.64	209983.64	83853.56	126130.08
24+020.000	12.66	72.69	72.69	0.05	4.10	210056.34	210056.34	83857.65	126198.68
24+040.000	8.24	208.90	208.90	2.72	27.88	210265.24	210265.24	83885.54	126379.70
24+052.978	7.29	100.63	100.63	2.15	31.73	210365.87	210365.87	83917.26	126448.61
24+060.000	7.84	53.12	53.12	4.03	21.72	210418.99	210418.99	83938.98	126480.01
24+080.000	4.96	127.83	127.83	6.64	106.54	210546.82	210546.82	84045.52	126501.30
24+092.148	7.38	74.74	74.74	5.44	73.86	210621.56	210621.56	84119.38	126502.17
24+100.000	8.61	62.75	62.75	4.39	38.60	210684.31	210684.31	84157.98	126526.33
24+120.000	8.39	169.98	169.98	5.59	99.79	210854.29	210854.29	84257.77	126596.52
24+140.000	7.40	157.93	157.93	2.06	76.50	211012.22	211012.22	84334.27	126677.95
24+160.000	12.09	194.95	194.95	1.75	38.16	211207.18	211207.18	84372.43	126834.74
24+180.000	8.54	206.36	206.36	7.28	90.34	211413.53	211413.53	84462.77	126950.76
24+200.000	12.90	214.45	214.45	4.66	119.42	211627.99	211627.99	84582.19	127045.79
24+220.000	10.58	234.89	234.89	5.25	99.08	211862.88	211862.88	84681.27	127181.61
24+240.000	6.42	170.09	170.09	8.04	132.85	212032.97	212032.97	84814.13	127218.84
24+260.000	5.10	115.22	115.22	5.84	138.76	212148.19	212148.19	84952.89	127195.30
24+280.000	7.72	128.14	128.14	2.34	81.77	212276.33	212276.33	85034.66	127241.68
24+300.000	10.11	178.25	178.25	0.54	28.79	212454.58	212454.58	85063.45	127391.13
24+307.807	12.39	87.84	87.84	0.32	3.35	212542.42	212542.42	85066.80	127475.62
24+320.000	7.97	125.56	125.56	1.33	9.75	212667.98	212667.98	85076.55	127591.43
24+340.000	8.69	166.13	166.13	0.00	13.46	212834.11	212834.11	85090.01	127744.10
24+360.000	10.04	187.57	187.57	0.00	0.00	213021.68	213021.68	85090.01	127931.67
24+377.073	9.27	164.69	164.69	0.00	0.00	213186.37	213186.37	85090.01	128096.36
24+380.000	8.83	26.48	26.48	0.37	0.54	213212.85	213212.85	85090.56	128122.29
24+400.000	4.78	135.59	135.59	0.38	7.55	213348.44	213348.44	85098.11	128250.33
24+420.000	6.47	113.07	113.07	0.05	4.15	213461.51	213461.51	85102.25	128359.26
24+440.000	5.12	116.23	116.23	0.70	7.33	213577.73	213577.73	85109.58	128468.15
24+446.340	7.87	41.11	41.11	0.01	2.21	213618.84	213618.84	85111.79	128507.05

24+460.000	7.15	102.59	102.59	0.28	1.95	213721.43	213721.43	85113.74	128607.69
24+480.000	10.29	174.44	174.44	1.16	14.42	213895.86	213895.86	85128.15	128767.71
24+500.000	12.60	228.86	228.86	1.60	27.65	214124.73	214124.73	85155.80	128968.93
24+520.000	9.52	221.11	221.11	1.89	34.87	214345.83	214345.83	85190.66	129155.17
24+540.000	8.17	176.83	176.83	1.87	37.59	214522.66	214522.66	85228.25	129294.41
24+560.000	7.02	151.87	151.87	1.93	38.02	214674.54	214674.54	85266.27	129408.27
24+580.000	7.20	142.21	142.21	1.63	35.57	214816.75	214816.75	85301.84	129514.91
24+600.000	6.99	141.89	141.89	3.26	48.85	214958.64	214958.64	85350.69	129607.95
24+620.000	6.13	131.12	131.12	1.90	51.59	215089.76	215089.76	85402.28	129687.48
24+640.000	4.11	102.34	102.34	2.01	39.09	215192.10	215192.10	85441.37	129750.72
24+660.000	4.04	81.49	81.49	2.07	40.75	215273.59	215273.59	85482.12	129791.46
24+680.000	2.41	64.53	64.53	4.70	67.71	215338.11	215338.11	85549.83	129788.29
24+700.000	3.15	55.68	55.68	2.24	69.47	215393.79	215393.79	85619.29	129774.50
24+720.000	3.01	61.62	61.62	1.96	41.99	215455.41	215455.41	85661.28	129794.12
24+740.000	0.24	32.44	32.44	5.91	78.71	215487.85	215487.85	85739.99	129747.86
24+751.821	2.29	14.96	14.96	2.72	51.02	215502.81	215502.81	85791.01	129711.81
24+760.000	1.72	16.98	16.98	2.08	19.48	215519.80	215519.80	85810.49	129709.31
24+780.000	4.03	58.02	58.02	0.35	24.19	215577.82	215577.82	85834.68	129743.14
24+798.479	3.02	65.81	65.81	0.80	10.37	215643.63	215643.63	85845.05	129798.58
24+800.000	2.97	4.55	4.55	0.99	1.36	215648.18	215648.18	85846.42	129801.76
24+820.000	3.85	69.11	69.11	2.90	37.98	215717.29	215717.29	85884.39	129832.90
24+840.000	6.92	108.49	108.49	0.98	37.78	215825.78	215825.78	85922.17	129903.61
24+845.137	7.80	37.93	37.93	0.43	3.53	215863.72	215863.72	85925.70	129938.02
24+860.000	7.31	112.28	112.28	0.76	8.87	215975.99	215975.99	85934.58	130041.42
24+880.000	8.55	158.56	158.56	1.42	21.77	216134.56	216134.56	85956.34	130178.21
24+900.000	5.36	139.09	139.09	2.37	37.85	216273.65	216273.65	85994.20	130279.45
24+920.000	3.69	90.58	90.58	3.10	54.63	216364.23	216364.23	86048.83	130315.40
24+940.000	1.15	48.45	48.45	4.77	78.65	216412.68	216412.68	86127.48	130285.20
24+960.000	0.19	13.36	13.36	4.39	91.58	216426.04	216426.04	86219.06	130206.99
24+980.000	8.51	86.92	86.92	0.73	51.15	216512.97	216512.97	86270.21	130242.76
25+000.000	3.41	119.15	119.15	1.20	19.24	216632.12	216632.12	86289.45	130342.68
25+020.000	0.00	34.13	34.13	4.70	58.92	216666.25	216666.25	86348.37	130317.88
25+040.000	3.94	39.41	39.41	0.52	52.13	216705.67	216705.67	86400.49	130305.17
25+060.000	2.69	66.29	66.29	0.43	9.50	216771.96	216771.96	86409.99	130361.96
25+080.000	4.52	72.08	72.08	0.17	6.08	216844.03	216844.03	86416.07	130427.96
25+100.000	6.85	113.63	113.63	0.01	1.81	216957.66	216957.66	86417.88	130539.79
25+120.000	8.09	149.36	149.36	0.00	0.07	217107.03	217107.03	86417.95	130689.08
25+140.000	6.00	140.90	140.90	0.15	1.52	217247.92	217247.92	86419.47	130828.45

25+160.000	2.94	89.37	89.37	0.98	11.32	217337.29	217337.29	86430.79	130906.51
25+180.000	4.24	71.72	71.72	0.01	9.93	217409.01	217409.01	86440.72	130968.30
25+200.000	3.07	73.03	73.03	0.14	1.56	217482.04	217482.04	86442.27	131039.77
25+220.000	2.57	56.38	56.38	0.19	3.28	217538.42	217538.42	86445.56	131092.86
25+240.000	7.67	102.46	102.46	0.00	1.86	217640.87	217640.87	86447.42	131193.45
25+260.000	2.84	105.15	105.15	0.06	0.58	217746.03	217746.03	86448.00	131298.03
25+280.000	1.66	44.98	44.98	1.31	13.70	217791.01	217791.01	86461.70	131329.31
25+300.000	4.52	61.73	61.73	0.27	15.85	217852.74	217852.74	86477.55	131375.19
25+319.994	7.03	115.42	115.42	0.12	3.88	217968.16	217968.16	86481.44	131486.73
25+320.000	7.03	0.04	0.04	0.12	0.00	217968.21	217968.21	86481.44	131486.77
25+340.000	8.76	155.58	155.58	0.00	1.22	218123.78	218123.78	86482.65	131641.13
25+356.113	11.02	160.21	160.21	0.04	0.30	218283.99	218283.99	86482.95	131801.04
25+360.000	10.85	43.30	43.30	0.00	0.07	218327.29	218327.29	86483.02	131844.27
25+380.000	11.33	223.40	223.40	0.02	0.17	218550.69	218550.69	86483.19	132067.50
25+392.231	8.01	117.60	117.60	0.85	5.61	218668.29	218668.29	86488.81	132179.49
25+400.000	7.56	59.44	59.44	2.11	12.39	218727.74	218727.74	86501.20	132226.54
25+420.000	8.69	162.52	162.52	2.22	43.27	218890.26	218890.26	86544.47	132345.79
25+440.000	9.43	181.22	181.22	0.00	22.21	219071.48	219071.48	86566.68	132504.81
25+460.000	5.91	153.36	153.36	2.02	20.17	219224.84	219224.84	86586.85	132638.00
25+480.000	8.70	146.08	146.08	0.01	20.29	219370.92	219370.92	86607.14	132763.78
25+500.000	2.67	113.70	113.70	6.25	62.62	219484.62	219484.62	86669.76	132814.85
25+520.000	9.28	119.55	119.55	3.94	101.88	219604.16	219604.16	86771.64	132832.52
25+540.000	7.50	167.80	167.80	2.27	62.09	219771.96	219771.96	86833.73	132938.23
25+560.000	1.19	86.90	86.90	3.46	57.28	219858.85	219858.85	86891.02	132967.84
25+580.000	1.67	28.62	28.62	2.09	55.45	219887.48	219887.48	86946.47	132941.01
25+600.000	3.89	55.63	55.63	2.45	45.35	219943.11	219943.11	86991.82	132951.29
25+620.000	1.31	52.09	52.09	2.04	44.85	219995.19	219995.19	87036.67	132958.52
25+640.000	2.91	42.22	42.22	1.10	31.42	220037.41	220037.41	87068.09	132969.32
25+641.608	3.56	5.20	5.20	0.84	1.57	220042.62	220042.62	87069.65	132972.96
25+660.000	2.85	59.45	59.45	0.57	12.74	220102.07	220102.07	87082.39	133019.67
25+680.000	3.35	61.75	61.75	2.73	32.27	220163.82	220163.82	87114.66	133049.16
25+700.000	2.75	60.82	60.82	2.95	55.36	220224.64	220224.64	87170.03	133054.61
25+715.531	2.93	43.97	43.97	1.84	36.46	220268.60	220268.60	87206.49	133062.12
25+720.000	2.56	12.28	12.28	1.86	8.26	220280.88	220280.88	87214.75	133066.13
25+740.000	0.39	29.28	29.28	7.19	90.63	220310.17	220310.17	87305.38	133004.79
25+760.000	0.49	8.68	8.68	10.24	176.77	220318.84	220318.84	87482.14	132836.70
25+780.000	3.78	42.40	42.40	3.42	139.54	220361.25	220361.25	87621.68	132739.56
25+789.453	11.35	71.84	71.84	1.60	23.99	220433.08	220433.08	87645.68	132787.41

25+800.000	2.29	71.93	71.93	4.37	31.51	220505.02	220505.02	87677.19	132827.83
25+820.000	1.44	37.30	37.30	4.09	84.64	220542.32	220542.32	87761.82	132780.49
25+840.000	5.73	71.77	71.77	0.80	48.92	220614.09	220614.09	87810.74	132803.34
25+860.000	6.90	126.36	126.36	0.80	15.96	220740.45	220740.45	87826.71	132913.74
25+880.000	6.63	135.32	135.32	1.48	22.81	220875.76	220875.76	87849.52	133026.24
25+900.000	5.99	126.20	126.20	0.24	17.22	221001.96	221001.96	87866.74	133135.23
25+920.000	9.12	151.15	151.15	0.00	2.38	221153.11	221153.11	87869.12	133283.99
25+940.000	8.96	180.81	180.81	0.00	0.00	221333.92	221333.92	87869.12	133464.80
25+960.000	8.15	171.08	171.08	0.00	0.00	221505.00	221505.00	87869.12	133635.88
25+980.000	3.25	114.04	114.04	0.06	0.58	221619.04	221619.04	87869.70	133749.34
26+000.000	1.46	47.14	47.14	1.25	13.11	221666.18	221666.18	87882.81	133783.38
26+020.000	8.75	102.15	102.15	0.02	12.70	221768.33	221768.33	87895.51	133872.83
26+040.000	2.30	110.53	110.53	2.82	28.32	221878.86	221878.86	87923.83	133955.03
26+060.000	4.37	66.72	66.72	2.11	49.26	221945.58	221945.58	87973.09	133972.49
26+080.000	7.18	115.56	115.56	1.17	32.78	222061.14	222061.14	88005.87	134055.27
26+100.000	3.68	108.64	108.64	4.49	56.56	222169.79	222169.79	88062.43	134107.35
26+120.000	7.86	115.42	115.42	2.83	73.18	222285.20	222285.20	88135.62	134149.59
26+140.000	8.48	163.39	163.39	0.62	34.47	222448.59	222448.59	88170.08	134278.51
26+160.000	4.38	128.56	128.56	0.17	7.83	222577.15	222577.15	88177.92	134399.24
26+180.000	3.12	74.98	74.98	0.33	4.91	222652.13	222652.13	88182.83	134469.30
26+200.000	3.63	67.51	67.51	6.56	68.84	222719.64	222719.64	88251.67	134467.97
26+220.000	4.05	76.81	76.81	11.25	178.08	222796.46	222796.46	88429.75	134366.70
26+240.000	6.37	104.23	104.23	10.36	216.10	222900.69	222900.69	88645.86	134254.83
26+260.000	10.53	169.04	169.04	2.92	132.78	223069.73	223069.73	88778.64	134291.09
26+280.000	18.55	290.86	290.86	0.00	29.18	223360.59	223360.59	88807.82	134552.77
26+300.000	9.80	283.52	283.52	0.30	3.03	223644.10	223644.10	88810.85	134833.25
26+320.000	5.28	150.79	150.79	2.71	30.16	223794.89	223794.89	88841.01	134953.88
26+340.000	9.34	146.20	146.20	0.02	27.28	223941.09	223941.09	88868.30	135072.80
26+360.000	1.88	112.14	112.14	1.74	17.52	224053.24	224053.24	88885.82	135167.42
26+374.176	4.58	45.73	45.73	1.02	19.58	224098.97	224098.97	88905.40	135193.57
26+380.000	8.46	37.95	37.95	0.27	3.78	224136.92	224136.92	88909.18	135227.74
26+393.092	8.57	111.71	111.71	0.18	2.90	224248.63	224248.63	88912.08	135336.55
26+400.000	4.30	44.46	44.46	0.61	2.71	224293.09	224293.09	88914.79	135378.30
26+412.009	2.47	40.57	40.57	1.86	14.76	224333.66	224333.66	88929.56	135404.10
26+420.000	4.30	27.05	27.05	0.99	11.39	224360.71	224360.71	88940.94	135419.76
26+440.000	5.50	97.93	97.93	1.07	20.63	224458.64	224458.64	88961.58	135497.06
26+460.000	10.58	160.70	160.70	0.00	10.73	224619.34	224619.34	88972.30	135647.04
26+480.000	4.11	146.80	146.80	1.88	18.77	224766.14	224766.14	88991.08	135775.06

26+500.000	2.84	69.44	69.44	2.10	39.79	224835.58	224835.58	89030.86	135804.71
26+520.000	4.88	77.16	77.16	0.75	28.56	224912.74	224912.74	89059.42	135853.31
26+540.000	5.56	104.40	104.40	0.14	8.93	225017.14	225017.14	89068.35	135948.79
26+560.000	6.28	118.47	118.47	0.11	2.44	225135.60	225135.60	89070.79	136064.81
26+580.000	6.53	128.08	128.08	2.09	21.92	225263.69	225263.69	89092.71	136170.98
26+600.000	8.45	149.72	149.72	0.15	22.39	225413.41	225413.41	89115.10	136298.31
26+620.000	12.94	213.84	213.84	0.21	3.64	225627.25	225627.25	89118.74	136508.51
26+640.000	12.52	254.55	254.55	0.00	2.12	225881.80	225881.80	89120.87	136760.94
26+660.000	13.25	257.72	257.72	0.00	0.05	226139.53	226139.53	89120.91	137018.61
26+680.000	7.60	208.50	208.50	0.15	1.50	226348.03	226348.03	89122.42	137225.61
26+692.736	6.16	87.59	87.59	0.58	4.60	226435.62	226435.62	89127.01	137308.61
26+700.000	10.11	58.11	58.11	0.54	4.15	226493.73	226493.73	89131.17	137362.56
26+720.000	5.84	160.06	160.06	2.74	32.50	226653.79	226653.79	89163.67	137490.13
26+740.000	9.53	155.97	155.97	3.19	58.34	226809.76	226809.76	89222.01	137587.75
26+760.000	15.18	250.80	250.80	1.97	50.99	227060.56	227060.56	89273.00	137787.56
26+780.000	12.40	279.88	279.88	1.37	33.03	227340.44	227340.44	89306.03	138034.40
26+800.000	7.02	197.42	197.42	6.50	77.33	227537.86	227537.86	89383.37	138154.49
26+820.000	7.57	147.49	147.49	3.35	96.61	227685.35	227685.35	89479.98	138205.37
26+840.000	5.54	131.35	131.35	3.91	70.86	227816.71	227816.71	89550.84	138265.87
26+860.000	5.23	107.69	107.69	3.69	74.17	227924.40	227924.40	89625.02	138299.38
26+880.000	3.92	91.42	91.42	3.47	69.89	228015.81	228015.81	89694.90	138320.91
26+900.000	4.68	85.94	85.94	6.71	99.32	228101.76	228101.76	89794.22	138307.53
26+909.320	5.76	48.68	48.68	6.64	60.70	228150.44	228150.44	89854.93	138295.51
26+920.000	7.75	72.27	72.27	5.83	65.01	228222.71	228222.71	89919.94	138302.77
26+940.000	9.07	168.66	168.66	0.10	57.96	228391.37	228391.37	89977.90	138413.47
26+960.000	15.00	240.64	240.64	0.02	1.25	228632.01	228632.01	89979.15	138652.86
26+980.000	12.74	276.53	276.53	0.09	1.15	228908.54	228908.54	89980.30	138928.24
27+000.000	12.67	253.37	253.37	0.06	1.50	229161.91	229161.91	89981.80	139180.11
27+020.000	8.77	213.25	213.25	0.08	1.38	229375.16	229375.16	89983.18	139391.98
27+040.000	12.64	212.04	212.04	0.00	0.80	229587.20	229587.20	89983.98	139603.22
27+060.000	14.87	272.38	272.38	0.00	0.00	229859.59	229859.59	89983.98	139875.60
27+080.000	11.16	256.95	256.95	0.99	10.09	230116.54	230116.54	89994.07	140122.47
27+100.000	8.74	195.75	195.75	0.34	13.60	230312.29	230312.29	90007.67	140304.62
27+120.000	6.26	147.76	147.76	0.50	8.65	230460.05	230460.05	90016.32	140443.73
27+125.903	7.53	40.70	40.70	0.39	2.63	230500.75	230500.75	90018.95	140481.80
27+140.000	5.68	97.00	97.00	1.66	12.95	230597.74	230597.74	90031.91	140565.84
27+160.000	5.01	106.91	106.91	2.78	44.41	230704.65	230704.65	90076.32	140628.34
27+180.000	5.69	107.07	107.07	3.86	66.49	230811.73	230811.73	90142.81	140668.92

27+200.000	8.51	142.00	142.00	1.48	53.45	230953.72	230953.72	90196.25	140757.47
27+220.000	1.15	96.58	96.58	7.30	87.81	231050.31	231050.31	90284.07	140766.24
27+240.000	3.67	48.25	48.25	7.29	145.93	231098.56	231098.56	90430.00	140668.56
27+260.000	4.16	78.37	78.37	8.45	157.41	231176.93	231176.93	90587.40	140589.53
27+280.000	4.10	82.60	82.60	9.10	175.47	231259.54	231259.54	90762.87	140496.67
27+300.000	5.46	95.54	95.54	5.92	150.18	231355.08	231355.08	90913.04	140442.04
27+320.000	12.62	180.74	180.74	2.43	83.54	231535.82	231535.82	90996.59	140539.24
27+340.000	8.79	214.02	214.02	0.67	31.06	231749.85	231749.85	91027.65	140722.20
27+360.000	7.96	167.45	167.45	0.99	16.57	231917.30	231917.30	91044.22	140873.08
27+380.000	6.18	141.38	141.38	2.39	33.72	232058.68	232058.68	91077.94	140980.74
27+396.320	4.74	89.11	89.11	4.26	54.27	232147.79	232147.79	91132.21	141015.58
27+400.000	6.65	20.96	20.96	2.98	13.34	232168.75	232168.75	91145.55	141023.20
27+415.510	14.36	163.78	163.78	0.34	25.58	232332.53	232332.53	91171.13	141161.40
27+420.000	15.82	67.75	67.75	0.17	1.15	232400.28	232400.28	91172.28	141228.00
27+434.700	14.19	221.18	221.18	0.62	5.89	232621.46	232621.46	91178.17	141443.29
27+440.000	16.87	82.31	82.31	0.88	3.98	232703.77	232703.77	91182.16	141521.62
27+460.000	12.54	294.09	294.09	2.68	35.60	232997.86	232997.86	91217.75	141780.11
27+480.000	14.18	267.17	267.17	0.60	32.81	233265.03	233265.03	91250.56	142014.47
27+500.000	5.50	196.76	196.76	3.11	37.05	233461.79	233461.79	91287.62	142174.18
27+520.000	5.89	113.84	113.84	4.98	80.84	233575.63	233575.63	91368.45	142207.18
27+522.795	6.41	17.18	17.18	4.73	13.57	233592.82	233592.82	91382.02	142210.79
27+540.000	6.82	114.04	114.04	4.60	81.07	233706.86	233706.86	91463.09	142243.77
27+560.000	10.43	172.07	172.07	3.46	80.00	233878.93	233878.93	91543.08	142335.84
27+580.000	5.83	162.32	162.32	3.36	67.09	234041.25	234041.25	91610.18	142431.07
27+600.000	8.90	147.59	147.59	3.34	65.41	234188.83	234188.83	91675.58	142513.25
27+618.849	8.77	167.22	167.22	1.58	45.23	234356.05	234356.05	91720.81	142635.24
27+620.000	8.84	10.14	10.14	1.52	1.78	234366.19	234366.19	91722.60	142643.59
27+640.000	10.12	190.67	190.67	0.50	19.61	234556.86	234556.86	91742.21	142814.65
27+660.000	5.70	159.49	159.49	1.28	17.38	234716.35	234716.35	91759.59	142956.76
27+680.000	9.67	155.54	155.54	1.83	30.39	234871.89	234871.89	91789.97	143081.92
27+700.000	0.21	99.99	99.99	7.31	90.35	234971.89	234971.89	91880.32	143091.57
27+714.903	0.74	7.26	7.26	8.97	120.35	234979.15	234979.15	92000.68	142978.47
27+720.000	1.36	4.27	4.27	7.22	43.56	234983.42	234983.42	92044.23	142939.19
27+740.000	9.85	112.07	112.07	2.17	93.91	235095.50	235095.50	92138.14	142957.35
27+760.000	13.76	236.11	236.11	3.89	60.59	235331.61	235331.61	92198.73	143132.87
27+780.000	15.67	294.31	294.31	0.40	42.90	235625.92	235625.92	92241.64	143384.28
27+800.000	23.58	392.49	392.49	0.04	4.39	236018.41	236018.41	92246.03	143772.38
27+820.000	17.74	413.16	413.16	0.60	6.36	236431.56	236431.56	92252.38	144179.18

27+840.000	12.69	304.33	304.33	0.52	11.21	236735.89	236735.89	92263.59	144472.30
27+860.000	17.24	299.35	299.35	0.74	12.64	237035.25	237035.25	92276.23	144759.02
27+880.000	6.04	232.85	232.85	4.96	57.04	237268.09	237268.09	92333.27	144934.83
27+900.000	22.72	287.62	287.62	0.46	54.19	237555.71	237555.71	92387.46	145168.26
27+920.000	8.37	310.87	310.87	2.73	31.83	237866.59	237866.59	92419.29	145447.29
27+940.000	3.90	122.66	122.66	6.15	88.74	237989.24	237989.24	92508.03	145481.21
27+960.000	5.92	98.15	98.15	5.50	116.46	238087.39	238087.39	92624.49	145462.90
27+980.000	6.55	124.71	124.71	3.48	89.78	238212.10	238212.10	92714.27	145497.83
28+000.000	5.46	120.11	120.11	3.49	69.67	238332.21	238332.21	92783.93	145548.28
28+020.000	8.34	138.03	138.03	3.06	65.47	238470.24	238470.24	92849.40	145620.84
28+040.000	9.94	182.89	182.89	0.00	30.59	238653.13	238653.13	92879.99	145773.14
28+060.000	10.44	203.83	203.83	0.38	3.79	238856.96	238856.96	92883.78	145973.18
28+080.000	7.97	184.12	184.12	0.00	3.79	239041.08	239041.08	92887.57	146153.52
28+100.000	4.00	119.73	119.73	0.46	4.57	239160.82	239160.82	92892.14	146268.68
28+108.388	9.65	57.24	57.24	0.00	1.92	239218.06	239218.06	92894.06	146324.00
28+120.000	11.53	126.00	126.00	0.00	0.00	239344.06	239344.06	92894.06	146450.00
28+140.000	20.78	323.28	323.28	0.00	0.00	239667.34	239667.34	92894.06	146773.28
28+160.000	19.31	401.89	401.89	0.00	0.00	240069.23	240069.23	92894.06	147175.17
28+170.259	13.55	169.47	169.47	4.79	24.25	240238.70	240238.70	92918.31	147320.39
28+180.000	5.47	93.01	93.01	12.13	81.56	240331.71	240331.71	92999.87	147331.85
28+200.000	4.05	95.11	95.11	15.13	270.49	240426.82	240426.82	93270.36	147156.46
28+220.000	0.98	50.24	50.24	9.25	240.94	240477.06	240477.06	93511.30	146965.76
28+232.130	4.65	34.24	34.24	3.54	75.94	240511.30	240511.30	93587.23	146924.06
28+240.000	9.22	54.56	54.56	1.40	17.33	240565.86	240565.86	93604.57	146961.29
28+260.000	2.07	112.86	112.86	7.87	92.71	240678.71	240678.71	93697.28	146981.43
28+280.000	4.76	68.29	68.29	3.63	115.02	240747.01	240747.01	93812.30	146934.71
28+300.000	4.76	95.28	95.28	4.00	76.33	240842.28	240842.28	93888.63	146953.65
28+320.000	14.25	190.16	190.16	1.07	50.70	241032.45	241032.45	93939.33	147093.12
28+340.000	13.84	280.94	280.94	0.76	18.29	241313.39	241313.39	93957.62	147355.77
28+360.000	13.32	271.62	271.62	2.64	34.00	241585.01	241585.01	93991.62	147593.39
28+380.000	14.66	279.75	279.75	4.88	75.20	241864.76	241864.76	94066.82	147797.93
28+400.000	12.19	268.42	268.42	0.77	56.53	242133.18	242133.18	94123.35	148009.83
28+420.000	10.63	228.18	228.18	0.13	8.96	242361.36	242361.36	94132.31	148229.05
28+440.000	3.86	144.87	144.87	2.32	24.47	242506.22	242506.22	94156.78	148349.44
28+460.000	6.03	98.87	98.87	3.97	62.93	242605.10	242605.10	94219.71	148385.38
28+480.000	2.57	85.97	85.97	8.61	125.78	242691.07	242691.07	94345.49	148345.58
28+500.000	1.29	38.56	38.56	7.78	163.89	242729.63	242729.63	94509.38	148220.25
28+520.000	0.02	13.09	13.09	8.09	158.73	242742.72	242742.72	94668.11	148074.61

28+540.000	6.86	68.83	68.83	2.94	110.34	242811.55	242811.55	94778.45	148033.10
28+560.000	14.22	210.84	210.84	0.04	29.82	243022.38	243022.38	94808.27	148214.12
28+580.000	8.61	228.27	228.27	0.03	0.72	243250.65	243250.65	94808.98	148441.67
28+600.000	5.94	145.43	145.43	0.13	1.67	243396.09	243396.09	94810.66	148585.43
28+620.000	2.03	79.64	79.64	1.19	13.28	243475.73	243475.73	94823.93	148651.79
28+640.000	2.97	49.95	49.95	2.48	36.72	243525.68	243525.68	94860.65	148665.03
28+660.000	1.04	40.06	40.06	1.70	41.77	243565.74	243565.74	94902.42	148663.32
28+680.000	2.46	35.01	35.01	0.12	18.21	243600.75	243600.75	94920.63	148680.12
28+700.000	1.29	37.54	37.54	0.41	5.29	243638.30	243638.30	94925.92	148712.37
28+720.000	1.68	29.68	29.68	1.13	15.34	243667.97	243667.97	94941.26	148726.71
28+740.000	0.13	18.10	18.10	3.15	42.72	243686.07	243686.07	94983.98	148702.09
28+760.000	0.00	1.35	1.35	6.40	95.44	243687.42	243687.42	95079.43	148608.00
28+780.000	0.01	0.08	0.08	5.60	119.94	243687.50	243687.50	95199.37	148488.13
28+800.000	4.32	43.31	43.31	1.86	74.52	243730.81	243730.81	95273.89	148456.92
28+820.000	13.52	178.45	178.45	0.30	21.60	243909.26	243909.26	95295.48	148613.77
28+840.000	16.49	300.07	300.07	0.00	3.04	244209.32	244209.32	95298.52	148910.80
28+860.000	13.59	300.79	300.79	0.00	0.00	244510.11	244510.11	95298.52	149211.59
28+880.000	11.39	249.87	249.87	0.00	0.04	244759.98	244759.98	95298.56	149461.42
28+900.000	13.70	250.93	250.93	0.06	0.59	245010.91	245010.91	95299.15	149711.75
28+920.000	14.23	279.29	279.29	0.00	0.55	245290.20	245290.20	95299.70	149990.49
28+940.000	9.26	234.88	234.88	0.23	2.25	245525.08	245525.08	95301.96	150223.12
28+960.000	12.80	220.53	220.53	0.00	2.25	245745.61	245745.61	95304.21	150441.40
28+980.000	13.28	260.72	260.72	0.00	0.00	246006.33	246006.33	95304.21	150702.12
29+000.000	11.35	246.23	246.23	0.00	0.01	246252.56	246252.56	95304.22	150948.34
29+020.000	4.97	163.13	163.13	0.80	8.03	246415.69	246415.69	95312.25	151103.44
29+040.000	7.39	123.55	123.55	1.99	27.90	246539.24	246539.24	95340.15	151199.09
29+060.000	2.85	102.40	102.40	1.37	33.61	246641.64	246641.64	95373.77	151267.87
29+080.000	0.46	33.12	33.12	7.21	85.85	246674.76	246674.76	95459.62	151215.14
29+084.397	0.46	2.03	2.03	6.85	30.93	246676.79	246676.79	95490.54	151186.25
29+100.000	1.93	17.98	17.98	6.43	105.51	246694.77	246694.77	95596.06	151098.72
29+120.000	0.52	24.65	24.65	4.49	108.77	246719.43	246719.43	95704.82	151014.60
29+140.000	1.67	21.71	21.71	3.20	76.53	246741.14	246741.14	95781.35	150959.79
29+160.000	5.56	71.86	71.86	0.19	33.85	246812.99	246812.99	95815.20	150997.79
29+180.000	7.02	125.46	125.46	0.11	2.97	246938.45	246938.45	95818.17	151120.28
29+200.000	9.76	167.45	167.45	0.00	1.08	247105.90	247105.90	95819.25	151286.65
29+203.345	8.16	29.96	29.96	0.04	0.07	247135.86	247135.86	95819.32	151316.54
29+220.000	5.93	116.95	116.95	0.02	0.50	247252.81	247252.81	95819.81	151433.00
29+240.000	5.67	115.53	115.53	0.00	0.19	247368.34	247368.34	95820.00	151548.34

29+260.000	6.96	125.87	125.87	0.00	0.00	247494.22	247494.22	95820.00	151674.21
29+280.000	6.10	130.38	130.38	0.00	0.00	247624.60	247624.60	95820.00	151804.59
29+300.000	4.64	107.27	107.27	0.00	0.00	247731.86	247731.86	95820.00	151911.86
29+320.000	5.58	101.89	101.89	0.08	0.83	247833.76	247833.76	95820.84	152012.92
29+322.292	5.77	13.01	13.01	0.07	0.18	247846.77	247846.77	95821.02	152025.75
29+340.000	5.82	101.61	101.61	0.03	0.87	247948.38	247948.38	95821.89	152126.49
29+360.000	4.93	107.52	107.52	3.15	31.77	248055.90	248055.90	95853.67	152202.23
29+380.000	11.11	160.44	160.44	0.25	33.98	248216.34	248216.34	95887.64	152328.70
29+400.000	4.55	156.62	156.62	1.52	17.69	248372.96	248372.96	95905.33	152467.63
29+420.000	1.94	64.91	64.91	2.48	40.02	248437.87	248437.87	95945.35	152492.52
29+440.000	0.00	19.41	19.41	5.90	83.82	248457.28	248457.28	96029.17	152428.12
29+460.000	0.00	0.00	0.00	6.54	124.42	248457.28	248457.28	96153.58	152303.70
29+480.000	0.27	2.68	2.68	4.24	107.76	248459.96	248459.96	96261.34	152198.62
29+500.000	1.67	19.42	19.42	2.74	69.73	248479.38	248479.38	96331.07	152148.31
29+515.902	5.84	59.71	59.71	0.12	22.72	248539.09	248539.09	96353.79	152185.30
29+520.000	4.75	21.70	21.70	0.26	0.78	248560.78	248560.78	96354.58	152206.21
29+540.000	6.92	115.67	115.67	0.00	2.63	248676.45	248676.45	96357.21	152319.24
29+560.000	3.05	99.16	99.16	0.14	1.39	248775.61	248775.61	96358.60	152417.01
29+575.793	8.37	90.13	90.13	0.43	4.41	248865.74	248865.74	96363.01	152502.73
29+580.000	9.10	36.74	36.74	0.33	1.58	248902.48	248902.48	96364.59	152537.89
29+600.000	3.09	122.16	122.16	4.47	47.47	249024.64	249024.64	96412.07	152612.57
29+620.000	11.10	142.28	142.28	0.19	46.12	249166.92	249166.92	96458.19	152708.73
29+635.685	8.70	155.49	155.49	1.28	11.61	249322.41	249322.41	96469.79	152852.61
29+640.000	5.74	31.16	31.16	1.64	6.29	249353.56	249353.56	96476.09	152877.48
29+660.000	8.94	146.72	146.72	0.29	19.32	249500.28	249500.28	96495.40	153004.88
29+680.000	9.29	182.24	182.24	1.05	13.47	249682.52	249682.52	96508.87	153173.65
29+700.000	5.06	143.52	143.52	1.76	28.10	249826.04	249826.04	96536.97	153289.06
29+720.000	7.77	128.38	128.38	1.40	31.59	249954.41	249954.41	96568.57	153385.85
29+740.000	1.83	96.03	96.03	3.99	53.92	250050.44	250050.44	96622.49	153427.95
29+760.000	4.51	63.39	63.39	1.95	59.40	250113.83	250113.83	96681.89	153431.94
29+780.000	0.74	52.49	52.49	6.02	79.69	250166.33	250166.33	96761.59	153404.74
29+800.000	1.83	25.72	25.72	5.80	118.24	250192.05	250192.05	96879.83	153312.22
29+820.000	5.54	73.72	73.72	1.38	71.88	250265.77	250265.77	96951.71	153314.06
29+840.000	6.21	117.52	117.52	2.48	38.64	250383.29	250383.29	96990.35	153392.94
29+860.000	9.18	153.88	153.88	2.32	48.05	250537.18	250537.18	97038.40	153498.78
29+880.000	16.99	261.63	261.63	0.06	23.89	250798.81	250798.81	97062.29	153736.52
29+900.000	5.48	224.63	224.63	3.53	35.93	251023.45	251023.45	97098.22	153925.22
29+920.000	2.24	77.15	77.15	2.85	63.74	251100.59	251100.59	97161.97	153938.63

29+940.000	6.19	84.33	84.33	5.04	78.86	251184.92	251184.92	97240.82	153944.10
29+960.000	4.84	110.29	110.29	6.25	112.92	251295.22	251295.22	97353.74	153941.47
29+980.000	7.23	120.66	120.66	4.19	104.45	251415.88	251415.88	97458.19	153957.68
30+000.000	13.23	204.58	204.58	0.00	41.93	251620.46	251620.46	97500.12	154120.34
30+020.000	16.14	293.66	293.66	0.00	0.00	251914.12	251914.12	97500.12	154413.99
30+040.000	8.81	249.51	249.51	2.44	24.43	252163.63	252163.63	97524.55	154639.08
30+060.000	11.65	204.59	204.59	2.36	48.01	252368.22	252368.22	97572.56	154795.66
30+080.000	8.38	200.28	200.28	3.79	61.49	252568.50	252568.50	97634.05	154934.45
30+082.460	8.34	20.57	20.57	4.10	9.70	252589.07	252589.07	97643.75	154945.32
30+100.000	6.31	127.99	127.99	0.09	37.47	252717.06	252717.06	97681.22	155035.84
30+120.000	9.55	159.11	159.11	0.36	4.38	252876.17	252876.17	97685.60	155190.57
30+140.000	12.52	221.35	221.35	0.99	13.12	253097.52	253097.52	97698.73	155398.79
30+160.000	8.50	210.98	210.98	1.23	21.59	253308.49	253308.49	97720.31	155588.18
30+163.593	8.07	29.77	29.77	1.16	4.30	253338.26	253338.26	97724.61	155613.66
30+180.000	5.03	108.02	108.02	1.15	18.38	253446.29	253446.29	97742.98	155703.30
30+200.000	3.15	81.97	81.97	2.15	32.06	253528.26	253528.26	97775.04	155753.22
30+220.000	3.66	68.22	68.22	2.72	47.43	253596.48	253596.48	97822.47	155774.01
30+240.000	6.08	97.45	97.45	7.10	97.67	253693.93	253693.93	97920.14	155773.79
30+244.726	6.42	29.54	29.54	6.51	32.16	253723.47	253723.47	97952.30	155771.17
30+260.000	14.79	161.62	161.62	4.32	83.27	253885.09	253885.09	98035.58	155849.51
30+280.000	3.80	185.90	185.90	4.06	83.75	254070.99	254070.99	98119.33	155951.66
30+300.000	11.36	151.59	151.59	1.45	55.07	254222.58	254222.58	98174.40	156048.18
30+320.000	1.56	129.21	129.21	6.62	80.66	254351.79	254351.79	98255.06	156096.73
30+340.000	19.35	209.13	209.13	0.79	74.07	254560.92	254560.92	98329.13	156231.79
30+360.000	8.50	278.50	278.50	8.56	93.55	254839.42	254839.42	98422.68	156416.74
30+380.000	8.57	170.68	170.68	18.04	266.02	255010.10	255010.10	98688.70	156321.40
30+400.000	4.17	127.39	127.39	26.44	444.78	255137.50	255137.50	99133.49	156004.01
30+420.000	5.72	98.87	98.87	25.45	518.90	255236.37	255236.37	99652.39	155583.98
30+440.000	4.97	106.88	106.88	19.45	448.98	255343.25	255343.25	100101.36	155241.88
30+460.000	5.86	108.32	108.32	12.37	318.19	255451.56	255451.56	100419.55	155032.01
30+480.000	10.16	160.20	160.20	7.96	203.31	255611.76	255611.76	100622.86	154988.90
30+500.000	7.34	174.98	174.98	5.39	133.53	255786.74	255786.74	100756.39	155030.35
30+520.000	5.88	132.23	132.23	6.13	115.24	255918.97	255918.97	100871.63	155047.34
30+540.000	2.10	79.78	79.78	3.22	93.53	255998.74	255998.74	100965.17	155033.58
30+560.000	0.53	26.29	26.29	5.93	91.50	256025.04	256025.04	101056.67	154968.37
30+580.000	3.77	42.99	42.99	2.90	88.28	256068.03	256068.03	101144.95	154923.08
30+600.000	3.30	70.67	70.67	2.60	55.00	256138.70	256138.70	101199.95	154938.74
30+620.000	8.35	116.52	116.52	0.98	35.84	256255.22	256255.22	101235.79	155019.42

30+640.000	4.34	126.95	126.95	2.11	30.92	256382.17	256382.17	101266.71	155115.45
30+660.000	3.90	82.44	82.44	1.85	39.64	256464.61	256464.61	101306.35	155158.26
30+680.000	0.70	46.02	46.02	1.95	38.05	256510.63	256510.63	101344.40	155166.23
30+700.000	1.38	20.77	20.77	2.79	47.45	256531.40	256531.40	101391.85	155139.56
30+720.000	1.10	24.80	24.80	3.35	61.44	256556.20	256556.20	101453.29	155102.91
30+740.000	3.34	44.43	44.43	3.35	67.05	256600.64	256600.64	101520.34	155080.30
30+760.000	7.16	105.04	105.04	1.14	44.99	256705.68	256705.68	101565.34	155140.34
30+780.000	2.11	92.79	92.79	4.01	51.59	256798.47	256798.47	101616.92	155181.55
30+800.000	8.71	108.21	108.21	3.45	74.62	256906.68	256906.68	101691.54	155215.14
30+820.000	2.05	107.53	107.53	5.81	92.61	257014.21	257014.21	101784.15	155230.06
30+840.000	11.90	139.48	139.48	6.37	121.82	257153.70	257153.70	101905.97	155247.73
30+860.000	6.38	182.82	182.82	12.62	189.89	257336.51	257336.51	102095.85	155240.66
30+880.000	7.00	133.80	133.80	13.89	265.08	257470.32	257470.32	102360.94	155109.38
30+900.000	2.00	90.02	90.02	15.61	294.96	257560.33	257560.33	102655.90	154904.43
30+920.000	0.32	23.23	23.23	17.76	333.64	257583.56	257583.56	102989.54	154594.02
30+940.000	2.09	24.08	24.08	14.42	321.76	257607.64	257607.64	103311.30	154296.34
30+960.000	5.60	76.91	76.91	12.09	265.04	257684.54	257684.54	103576.33	154108.21
30+980.000	2.49	80.93	80.93	13.09	251.80	257765.48	257765.48	103828.14	153937.34
31+000.000	6.61	91.03	91.03	5.31	184.00	257856.50	257856.50	104012.13	153844.37
31+020.000	0.59	72.08	72.08	13.16	184.63	257928.58	257928.58	104196.77	153731.81
31+040.000	0.00	5.94	5.94	11.00	241.60	257934.52	257934.52	104438.36	153496.16
31+060.000	1.47	14.71	14.71	5.98	169.83	257949.23	257949.23	104608.19	153341.04
31+080.000	13.17	146.43	146.43	0.41	63.90	258095.66	258095.66	104672.09	153423.57
31+100.000	10.87	240.45	240.45	3.38	37.89	258336.11	258336.11	104709.98	153626.13
31+120.000	10.97	218.44	218.44	2.65	60.29	258554.55	258554.55	104770.27	153784.28
31+140.000	5.42	163.86	163.86	2.16	48.10	258718.41	258718.41	104818.37	153900.04
31+160.000	11.09	165.06	165.06	0.79	29.50	258883.47	258883.47	104847.87	154035.60
31+175.605	4.55	122.00	122.00	1.00	13.95	259005.46	259005.46	104861.82	154143.65
31+180.000	3.43	17.66	17.66	1.23	4.44	259023.12	259023.12	104866.26	154156.86
31+200.000	1.95	53.90	53.90	2.27	33.33	259077.02	259077.02	104899.60	154177.43
31+200.822	1.85	1.56	1.56	2.31	1.88	259078.58	259078.58	104901.48	154177.11
31+220.000	0.50	22.59	22.59	2.85	47.35	259101.18	259101.18	104948.82	154152.35
31+226.038	0.95	4.42	4.42	2.71	16.06	259105.59	259105.59	104964.89	154140.71
31+240.000	1.17	14.86	14.86	4.07	46.70	259120.45	259120.45	105011.59	154108.87
31+260.000	0.32	14.87	14.87	8.24	123.12	259135.32	259135.32	105134.70	154000.62
31+280.000	3.92	42.45	42.45	5.82	140.62	259177.77	259177.77	105275.32	153902.45
31+300.000	9.82	137.47	137.47	8.28	141.00	259315.24	259315.24	105416.32	153898.92
31+320.000	11.19	210.09	210.09	7.08	153.62	259525.34	259525.34	105569.94	153955.40

31+340.000	12.90	240.87	240.87	4.33	114.15	259766.20	259766.20	105684.08	154082.12
31+360.000	15.59	284.91	284.91	1.71	60.38	260051.12	260051.12	105744.46	154306.66
31+380.000	9.88	254.69	254.69	0.36	20.70	260305.81	260305.81	105765.16	154540.65
31+400.000	10.64	205.18	205.18	0.18	5.40	260510.99	260510.99	105770.56	154740.43
31+420.000	3.58	142.23	142.23	4.52	46.97	260653.22	260653.22	105817.54	154835.68
31+440.000	3.45	70.38	70.38	0.83	53.56	260723.60	260723.60	105871.10	154852.50
31+460.000	4.32	77.78	77.78	2.60	34.34	260801.38	260801.38	105905.44	154895.94
31+480.000	2.59	69.14	69.14	7.84	104.36	260870.52	260870.52	106009.80	154860.71
31+500.000	0.45	30.43	30.43	7.45	152.85	260900.94	260900.94	106162.65	154738.29
31+520.000	6.11	65.58	65.58	1.19	86.35	260966.52	260966.52	106249.00	154717.52
31+537.197	2.51	74.10	74.10	1.74	25.19	261040.63	261040.63	106274.19	154766.43
31+540.000	0.80	5.25	5.25	1.75	4.10	261045.88	261045.88	106278.29	154767.58
31+560.000	4.40	51.93	51.93	0.09	18.32	261097.81	261097.81	106296.62	154801.19
31+580.000	3.47	78.50	78.50	0.56	6.56	261176.31	261176.31	106303.18	154873.13
31+600.000	8.65	120.79	120.79	0.10	6.67	261297.10	261297.10	106309.85	154987.25
31+605.170	5.48	36.53	36.53	0.93	2.67	261333.63	261333.63	106312.52	155021.11
31+620.000	10.81	120.35	120.35	0.10	7.67	261453.98	261453.98	106320.19	155133.79
31+640.000	4.32	150.85	150.85	2.92	30.03	261604.84	261604.84	106350.22	155254.62
31+660.000	5.53	98.29	98.29	2.95	58.21	261703.12	261703.12	106408.43	155294.69
31+673.143	2.43	52.30	52.30	3.28	40.95	261755.42	261755.42	106449.38	155306.03
31+680.000	3.20	19.31	19.31	2.55	20.00	261774.73	261774.73	106469.38	155305.35
31+700.000	5.51	87.08	87.08	1.20	37.55	261861.81	261861.81	106506.93	155354.89
31+720.000	6.70	122.09	122.09	1.34	25.49	261983.91	261983.91	106532.42	155451.49
31+740.000	7.57	142.73	142.73	0.42	17.67	262126.63	262126.63	106550.08	155576.55
31+760.000	7.07	146.43	146.43	0.02	4.45	262273.06	262273.06	106554.54	155718.53
31+780.000	4.54	116.12	116.12	0.42	4.42	262389.18	262389.18	106558.96	155830.22
31+800.000	7.07	116.10	116.10	0.08	4.97	262505.28	262505.28	106563.93	155941.35
31+820.000	10.96	180.27	180.27	0.00	0.77	262685.55	262685.55	106564.70	156120.85
31+840.000	6.87	178.22	178.22	1.00	9.97	262863.77	262863.77	106574.67	156289.10
31+860.000	10.20	170.62	170.62	0.29	12.88	263034.39	263034.39	106587.55	156446.84
31+880.000	13.61	238.03	238.03	0.05	3.45	263272.43	263272.43	106591.00	156681.42
31+900.000	13.88	274.89	274.89	0.98	10.33	263547.31	263547.31	106601.33	156945.98
31+907.349	18.06	117.38	117.38	0.45	5.26	263664.69	263664.69	106606.59	157058.10
31+920.000	12.34	190.75	190.75	0.47	5.87	263855.45	263855.45	106612.46	157242.98
31+940.000	21.88	339.68	339.68	0.00	4.70	264195.13	264195.13	106617.17	157577.96
31+956.113	14.19	288.31	288.31	0.09	0.74	264483.43	264483.43	106617.91	157865.52
31+960.000	15.24	57.18	57.18	0.00	0.18	264540.62	264540.62	106618.09	157922.53
31+980.000	11.20	262.18	262.18	0.98	9.93	264802.80	264802.80	106628.02	158174.77

32+000.000	7.30	184.09	184.09	1.81	28.19	264986.89	264986.89	106656.21	158330.68
32+004.878	8.78	39.22	39.22	1.62	8.35	265026.11	265026.11	106664.56	158361.55
32+020.000	9.56	138.52	138.52	1.53	22.68	265164.63	265164.63	106687.23	158477.39
32+040.000	10.02	195.76	195.76	2.86	43.86	265360.39	265360.39	106731.09	158629.29
32+060.000	22.28	322.91	322.91	0.00	28.57	265683.30	265683.30	106759.66	158923.64
32+080.000	18.09	403.65	403.65	0.23	2.26	266086.95	266086.95	106761.92	159325.03
32+100.000	3.86	219.47	219.47	3.64	38.63	266306.42	266306.42	106800.55	159505.87
32+120.000	3.31	71.72	71.72	5.17	88.07	266378.14	266378.14	106888.62	159489.52
32+140.000	3.13	64.48	64.48	2.98	81.49	266442.62	266442.62	106970.12	159472.50
32+160.000	8.38	115.14	115.14	2.31	52.93	266557.76	266557.76	107023.05	159534.71
32+180.000	5.04	134.21	134.21	1.87	41.80	266691.97	266691.97	107064.84	159627.13
32+200.000	6.34	113.80	113.80	1.41	32.78	266805.77	266805.77	107097.62	159708.15
32+220.000	9.92	162.60	162.60	0.90	23.13	266968.37	266968.37	107120.75	159847.62
32+240.000	0.96	108.80	108.80	1.45	23.51	267077.18	267077.18	107144.26	159932.92
32+260.000	12.71	136.64	136.64	0.00	14.50	267213.82	267213.82	107158.76	160055.06
32+280.000	1.11	138.18	138.18	0.53	5.29	267352.00	267352.00	107164.04	160187.96
32+300.000	5.94	70.56	70.56	0.01	5.36	267422.56	267422.56	107169.40	160253.16
32+320.000	5.08	110.18	110.18	0.00	0.09	267532.74	267532.74	107169.49	160363.25
32+340.000	4.27	93.43	93.43	0.00	0.02	267626.17	267626.17	107169.51	160456.66
32+360.000	3.57	78.32	78.32	0.23	2.31	267704.49	267704.49	107171.82	160532.67
32+380.000	0.05	36.15	36.15	5.61	58.38	267740.65	267740.65	107230.20	160510.45
32+400.000	6.95	70.00	70.00	0.00	56.07	267810.64	267810.64	107286.26	160524.38
32+420.000	0.62	75.71	75.71	1.35	13.51	267886.35	267886.35	107299.78	160586.58
32+440.000	3.69	43.16	43.16	0.07	14.24	267929.52	267929.52	107314.02	160615.50
32+460.000	3.76	74.54	74.54	0.22	2.93	268004.06	268004.06	107316.95	160687.11
32+480.000	8.06	118.15	118.15	0.77	9.87	268122.21	268122.21	107326.82	160795.39
32+500.000	5.01	130.65	130.65	0.77	15.33	268252.86	268252.86	107342.14	160910.71
32+520.000	1.22	62.25	62.25	2.61	33.72	268315.11	268315.11	107375.86	160939.24
32+540.000	0.04	12.55	12.55	6.63	92.32	268327.66	268327.66	107468.19	160859.47
32+560.000	0.29	3.28	3.28	3.51	101.37	268330.94	268330.94	107569.55	160761.39
32+580.000	0.90	11.89	11.89	3.83	73.40	268342.83	268342.83	107642.95	160699.87
32+600.000	0.76	16.59	16.59	3.37	71.99	268359.42	268359.42	107714.94	160644.48
32+620.000	0.62	13.81	13.81	3.17	65.35	268373.23	268373.23	107780.29	160592.94
32+640.000	10.67	112.96	112.96	1.07	42.37	268486.19	268486.19	107822.66	160663.53
32+660.000	0.10	107.68	107.68	4.85	59.24	268593.87	268593.87	107881.89	160711.98
32+680.000	0.79	8.82	8.82	4.41	92.67	268602.69	268602.69	107974.56	160628.13
32+700.000	0.28	10.67	10.67	5.70	101.15	268613.36	268613.36	108075.71	160537.65
32+720.000	6.61	68.90	68.90	0.58	62.84	268682.27	268682.27	108138.56	160543.71

ESCAVAÇÕES PARA PASSA GADO - TRECHO 1 - KM 0+000 ATÉ KM 11+000 (1ª CAT.)	130.02
ATERRO PARA PASSA GADO - TRECHO 1 - KM 0+000 ATÉ KM 11+000 (1ª CAT.)	66.54
ESCAVAÇÕES PARA DRENAGEM TRANSVERSAL - TRECHO 1 - KM 0+000 ATÉ KM 11+000 (1ª CAT.)	224.76
ATERRO PARA DRENAGEM TRANSVERSAL - TRECHO 1 - KM 0+000 ATÉ KM 11+000 (1ª CAT.)	131.76
ESCAVAÇÕES PARA DRENAGEM TRANSVERSAL - TRECHO 1 - KM 0+000 ATÉ KM 11+000 (3ª CAT.)	224.76
ATERRO PARA DRENAGEM TRANSVERSAL - TRECHO 1 - KM 0+000 ATÉ KM 11+000 (3ª CAT.)	131.76

LEGENDA	
	TRECHO 1 - KM 00+000 ATÉ 11+000
	TRECHO 2 - KM 11+000 ATÉ KM 22+000
	TRECHO 3 - KM 22+000 ATÉ KM 33+400
	PONTE: Embora aqui apresentadas as seções, os volumes das seções da ponte não foram considerados nos cálculos.

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CREA-RS 200219

Rodeio Bonito/RS, outubro de 2025