

Volume Report

Project: C:\Users\Projetos\AppData\Local\Temp\1_1_GRANF_INFRA_AC_GEOMETRICO_RUA PADRE CARLOS GUESSER_1_12003_75c0c1d1.sv\$

Alignment: ALINHAMENTO - Rua Padre Carlos Guesser

Sample Line Group: SEÇÕES

Start Sta: 0+000.000

End Sta: 2+360.204

Station	Cut Area (Sq.m.)	Cut Volume (Cu.m.)	Reusable Volume (Cu.m.)	Fill Area (Sq.m.)	Fill Volume (Cu.m.)	Cum. Cut Vol. (Cu.m.)	Cum. Reusable Vol. (Cu.m.)	Cum. Fill Vol. (Cu.m.)	Cum. Net Vol. (Cu.m.)
0+000.000	2.61	0.00	0.00	5.15	0.00	0.00	0.00	0.00	0.00
0+005.832	0.04	7.72	7.72	4.19	27.23	7.72	7.72	27.23	-19.51
0+009.700	0.94	2.21	2.21	2.69	11.84	9.93	9.93	39.07	-29.14
0+010.000	1.41	0.35	0.35	1.38	0.61	10.28	10.28	39.68	-29.40
0+013.569	3.93	10.33	10.33	1.99	5.61	20.60	20.60	45.28	-24.68
0+020.000	0.00	12.66	12.66	1.26	10.46	33.27	33.27	55.74	-22.47
0+040.000	0.00	0.09	0.09	5.18	64.44	33.36	33.36	120.19	-86.83
0+060.000	2.90	29.00	29.00	0.65	58.29	62.36	62.36	178.48	-116.12
0+080.000	1.95	48.47	48.47	0.24	8.85	110.83	110.83	187.33	-76.50
0+100.000	3.65	55.98	55.98	0.22	4.56	166.81	166.81	191.89	-25.08
0+120.000	2.16	58.06	58.06	0.50	7.20	224.87	224.87	199.09	25.78
0+123.319	0.62	4.60	4.60	0.60	1.83	229.47	229.47	200.92	28.55
0+130.000	1.77	7.93	7.93	0.61	4.06	237.40	237.40	204.98	32.43
0+140.000	0.57	11.66	11.66	1.06	8.32	249.06	249.06	213.30	35.76
0+140.417	2.93	0.73	0.73	0.72	0.37	249.79	249.79	213.67	36.13
0+150.000	1.17	19.50	19.50	1.11	8.77	269.29	269.29	222.44	46.85
0+157.515	3.49	17.33	17.33	1.00	7.99	286.62	286.62	230.43	56.20
0+160.000	1.35	6.02	6.02	1.41	3.00	292.64	292.64	233.42	59.22
0+180.000	2.90	42.51	42.51	4.46	58.72	335.16	335.16	292.14	43.01
0+193.485	5.89	59.28	59.28	4.80	62.47	394.43	394.43	354.61	39.82
0+200.000	6.12	40.13	40.13	4.31	28.85	434.56	434.56	383.47	51.10
0+210.000	0.88	35.99	35.99	2.58	33.64	470.55	470.55	417.10	53.45
0+220.000	2.79	18.43	18.43	2.56	25.12	488.98	488.98	442.22	46.76
0+221.435	2.82	4.03	4.03	2.66	3.75	493.01	493.01	445.97	47.03
0+230.000	2.87	24.40	24.40	2.66	22.24	517.41	517.41	468.21	49.19
0+240.000	0.17	15.22	15.22	2.22	23.85	532.62	532.62	492.07	40.55
0+249.384	2.53	12.68	12.68	0.93	14.52	545.31	545.31	506.59	38.71
0+258.029	0.00	10.95	10.95	1.15	8.96	556.25	556.25	515.55	40.70
0+260.000	2.47	2.42	2.42	0.99	2.22	558.68	558.68	517.77	40.91
0+263.719	0.01	4.59	4.59	1.14	4.13	563.27	563.27	521.90	41.37
0+269.409	0.00	0.06	0.06	1.59	8.05	563.33	563.33	529.95	33.38
0+280.000	20.45	108.34	108.34	2.11	19.63	671.67	671.67	549.58	122.09
0+300.000	10.86	313.06	313.06	5.59	77.01	984.73	984.73	626.59	358.14
0+320.000	2.19	130.43	130.43	11.20	167.85	1115.15	1115.15	794.44	320.72
0+324.678	2.06	9.94	9.94	6.75	41.98	1125.10	1125.10	836.41	288.68
0+330.000	0.06	5.69	5.69	3.32	22.34	1130.79	1130.79	858.75	272.04
0+331.394	2.59	1.85	1.85	1.25	2.83	1132.64	1132.64	861.58	271.06
0+338.111	2.60	17.43	17.43	1.23	8.16	1150.07	1150.07	869.74	280.33
0+340.000	2.56	4.88	4.88	1.56	2.63	1154.95	1154.95	872.37	282.58
0+344.253	0.00	5.46	5.46	2.38	8.38	1160.40	1160.40	880.75	279.66

0+348.343	0.00	0.01	0.01	2.35	9.96	1160.42	1160.42	890.70	269.71
0+350.000	0.00	0.00	0.00	2.23	3.88	1160.42	1160.42	894.58	265.84
0+352.433	2.36	2.87	2.87	1.62	4.78	1163.29	1163.29	899.36	263.92
0+360.000	0.00	8.92	8.92	1.06	10.13	1172.20	1172.20	909.50	262.71
0+380.000	3.13	31.33	31.33	0.83	18.84	1203.54	1203.54	928.33	275.20
0+389.003	0.31	15.48	15.48	2.95	16.99	1219.02	1219.02	945.32	273.70
0+390.000	0.26	0.28	0.28	3.19	3.06	1219.30	1219.30	948.38	270.92
0+400.000	0.03	1.49	1.49	2.89	29.79	1220.79	1220.79	978.17	242.62
0+400.783	0.00	0.01	0.01	2.90	2.26	1220.81	1220.81	980.43	240.37
0+410.000	0.82	3.79	3.79	1.10	18.05	1224.60	1224.60	998.48	226.11
0+412.564	2.66	4.45	4.45	0.82	2.46	1229.05	1229.05	1000.94	228.11
0+420.000	1.30	14.71	14.71	0.67	5.52	1243.76	1243.76	1006.46	237.30
0+428.559	0.77	8.85	8.85	0.48	4.93	1252.61	1252.61	1011.39	241.22
0+430.000	0.22	0.71	0.71	0.72	0.87	1253.32	1253.32	1012.26	241.07
0+440.000	0.13	1.71	1.71	0.67	6.99	1255.04	1255.04	1019.25	235.78
0+450.000	2.62	13.73	13.73	1.22	9.48	1268.76	1268.76	1028.73	240.03
0+458.612	2.73	23.01	23.01	0.92	9.19	1291.77	1291.77	1037.92	253.85
0+460.000	0.13	1.98	1.98	0.94	1.29	1293.75	1293.75	1039.22	254.54
0+470.000	1.14	6.28	6.28	0.48	7.09	1300.03	1300.03	1046.31	253.72
0+480.000	2.42	17.75	17.75	0.88	6.84	1317.78	1317.78	1053.15	264.63
0+488.666	2.22	20.09	20.09	1.23	9.19	1337.87	1337.87	1062.34	275.53
0+500.000	0.37	14.65	14.65	1.34	14.60	1352.52	1352.52	1076.94	275.58
0+502.924	0.83	1.76	1.76	1.10	3.57	1354.27	1354.27	1080.50	273.77
0+510.000	4.50	19.16	19.16	0.40	5.23	1373.44	1373.44	1085.73	287.70
0+512.366	3.51	9.62	9.62	0.64	1.20	1383.05	1383.05	1086.94	296.12
0+520.000	4.03	28.91	28.91	0.68	4.97	1411.96	1411.96	1091.90	320.06
0+521.808	6.60	9.53	9.53	0.16	0.77	1421.50	1421.50	1092.67	328.83
0+540.000	3.57	92.50	92.50	0.27	3.91	1514.00	1514.00	1096.57	417.42
0+560.000	2.49	60.60	60.60	0.82	10.87	1574.59	1574.59	1107.45	467.15
0+564.654	2.35	11.25	11.25	1.25	4.81	1585.84	1585.84	1112.26	473.58
0+567.131	0.06	2.98	2.98	1.66	3.61	1588.82	1588.82	1115.87	472.95
0+569.609	0.14	0.24	0.24	1.77	4.26	1589.06	1589.06	1120.13	468.93
0+580.000	0.07	1.09	1.09	2.43	21.84	1590.15	1590.15	1141.97	448.18
0+580.044	2.45	0.06	0.06	2.11	0.10	1590.21	1590.21	1142.07	448.14
0+587.942	0.05	9.97	9.97	2.92	17.90	1600.18	1600.18	1159.97	440.21
0+590.000	1.04	1.14	1.14	2.93	5.34	1601.32	1601.32	1165.31	436.01
0+595.839	2.63	10.81	10.81	2.40	13.65	1612.14	1612.14	1178.96	433.17
0+600.000	0.28	6.05	6.05	1.88	8.91	1618.19	1618.19	1187.87	430.31
0+605.898	2.91	9.43	9.43	0.45	6.88	1627.61	1627.61	1194.76	432.86
0+610.000	0.80	7.52	7.52	0.67	2.32	1635.14	1635.14	1197.07	438.07
0+611.676	3.20	3.28	3.28	0.46	0.96	1638.42	1638.42	1198.03	440.39
0+617.454	0.62	10.76	10.76	1.01	4.25	1649.18	1649.18	1202.28	446.90
0+620.000	0.80	1.81	1.81	1.05	2.62	1650.99	1650.99	1204.90	446.09
0+640.000	2.63	34.22	34.22	1.11	21.63	1685.21	1685.21	1226.53	458.68
0+641.444	2.53	3.73	3.73	1.12	1.61	1688.94	1688.94	1228.14	460.80
0+650.000	2.19	20.18	20.18	1.00	9.13	1709.12	1709.12	1237.27	471.84
0+660.000	0.17	11.77	11.77	2.12	15.74	1720.88	1720.88	1253.01	467.87
0+663.142	2.68	4.48	4.48	1.45	5.60	1725.37	1725.37	1258.62	466.75
0+670.000	2.66	18.32	18.32	1.44	9.99	1743.69	1743.69	1268.60	475.08
0+680.000	0.05	13.54	13.54	1.60	15.38	1757.23	1757.23	1283.98	473.25
0+684.839	2.65	6.52	6.52	1.37	7.28	1763.74	1763.74	1291.26	472.48
0+690.000	1.16	9.83	9.83	1.17	6.56	1773.57	1773.57	1297.82	475.75

0+691.495	2.64	2.84	2.84	1.18	1.76	1776.40	1776.40	1299.58	476.82
0+699.225	2.59	20.18	20.18	1.05	8.72	1796.58	1796.58	1308.30	488.28
0+700.000	2.59	2.01	2.01	1.00	0.79	1798.59	1798.59	1309.09	489.50
0+706.955	0.00	9.04	9.04	0.69	5.92	1807.63	1807.63	1315.02	492.61
0+720.000	3.66	23.95	23.95	0.22	5.93	1831.58	1831.58	1320.94	510.63
0+740.000	0.66	43.21	43.21	0.39	6.08	1874.78	1874.78	1327.02	547.76
0+760.000	2.70	33.54	33.54	1.96	23.48	1908.32	1908.32	1350.50	557.82
0+763.637	2.55	9.53	9.53	1.95	7.11	1917.85	1917.85	1357.61	560.24
0+770.000	2.46	15.90	15.90	2.25	12.62	1933.75	1933.75	1370.23	563.52
0+772.420	0.00	2.97	2.97	2.81	5.74	1936.72	1936.72	1375.97	560.75
0+780.000	2.66	10.12	10.12	3.41	21.61	1946.84	1946.84	1397.58	549.26
0+781.204	2.74	3.27	3.27	3.51	3.75	1950.11	1950.11	1401.33	548.78
0+789.073	0.12	11.26	11.26	2.93	25.33	1961.37	1961.37	1426.66	534.71
0+790.000	0.09	0.11	0.11	2.84	2.11	1961.48	1961.48	1428.77	532.71
0+794.295	2.34	5.30	5.30	2.01	8.47	1966.78	1966.78	1437.24	529.54
0+799.516	0.24	6.89	6.89	1.55	7.76	1973.67	1973.67	1445.00	528.67
0+800.000	0.26	0.12	0.12	1.52	0.74	1973.79	1973.79	1445.74	528.05
0+809.219	0.42	3.13	3.13	1.05	11.84	1976.93	1976.93	1457.58	519.34
0+810.000	1.31	0.68	0.68	0.85	0.74	1977.60	1977.60	1458.32	519.28
0+820.000	2.79	20.55	20.55	0.92	8.73	1998.15	1998.15	1467.06	531.10
0+820.727	2.77	2.02	2.02	0.91	0.66	2000.17	2000.17	1467.72	532.45
0+830.000	0.02	12.95	12.95	0.80	7.88	2013.12	2013.12	1475.60	537.52
0+832.234	0.05	0.08	0.08	0.71	1.68	2013.20	2013.20	1477.28	535.92
0+840.000	3.25	12.79	12.79	0.52	4.78	2026.00	2026.00	1482.07	543.93
0+840.256	0.70	0.50	0.50	0.64	0.15	2026.50	2026.50	1482.21	544.29
0+844.490	0.82	3.79	3.79	0.56	1.98	2030.29	2030.29	1484.19	546.10
0+848.723	0.27	2.78	2.78	0.71	2.29	2033.07	2033.07	1486.48	546.59
0+857.485	0.17	1.95	1.95	0.20	3.95	2035.02	2035.02	1490.43	544.59
0+860.000	3.07	4.17	4.17	0.01	0.24	2039.20	2039.20	1490.67	548.53
0+862.112	3.62	7.22	7.22	0.00	0.00	2046.42	2046.42	1490.68	555.74
0+866.739	1.81	12.51	12.51	0.08	0.22	2058.92	2058.92	1490.90	568.02
0+876.330	0.50	11.09	11.09	0.95	4.94	2070.01	2070.01	1495.84	574.17
0+880.000	0.62	2.38	2.38	0.77	3.12	2072.39	2072.39	1498.96	573.43
0+883.476	0.56	2.31	2.31	0.76	2.68	2074.70	2074.70	1501.64	573.06
0+890.622	2.77	11.97	11.97	0.49	4.56	2086.67	2086.67	1506.20	580.47
0+900.000	1.12	18.23	18.23	0.72	5.67	2104.90	2104.90	1511.87	593.03
0+920.000	0.18	12.95	12.95	1.30	20.23	2117.85	2117.85	1532.10	585.75
0+920.367	2.32	0.46	0.46	0.85	0.39	2118.31	2118.31	1532.50	585.81
0+929.788	2.45	22.59	22.59	3.25	18.84	2140.90	2140.90	1551.33	589.56
0+930.000	2.49	0.52	0.52	3.22	0.68	2141.42	2141.42	1552.02	589.40
0+939.209	0.12	12.06	12.06	0.73	17.63	2153.47	2153.47	1569.64	583.83
0+940.000	2.84	1.17	1.17	0.86	0.63	2154.65	2154.65	1570.27	584.37
0+946.651	0.04	9.57	9.57	1.20	6.85	2164.22	2164.22	1577.12	587.09
0+950.000	0.02	0.10	0.10	1.04	3.71	2164.31	2164.31	1580.84	583.47
0+951.973	0.00	0.02	0.02	1.08	2.04	2164.34	2164.34	1582.88	581.46
0+957.295	2.37	6.35	6.35	0.69	4.59	2170.69	2170.69	1587.47	583.22
0+960.000	0.36	3.69	3.69	0.80	2.01	2174.38	2174.38	1589.48	584.90
0+966.854	1.31	5.70	5.70	0.49	4.42	2180.08	2180.08	1593.91	586.18
0+970.000	3.75	7.96	7.96	0.13	0.99	2188.04	2188.04	1594.89	593.15
0+980.000	4.39	40.42	40.42	0.08	1.08	2228.46	2228.46	1595.97	632.49
0+990.000	2.33	33.30	33.30	0.15	1.12	2261.77	2261.77	1597.10	664.67
0+990.389	1.88	0.82	0.82	0.23	0.07	2262.59	2262.59	1597.17	665.42

1+000.000	4.07	28.38	28.38	0.04	1.31	2290.97	2290.97	1598.48	692.49
1+010.000	4.14	40.85	40.85	0.07	0.55	2331.82	2331.82	1599.03	732.79
1+013.924	3.97	15.83	15.83	0.05	0.23	2347.64	2347.64	1599.26	748.39
1+020.000	3.68	23.25	23.25	0.05	0.31	2370.89	2370.89	1599.56	771.33
1+040.000	0.03	37.06	37.06	2.85	29.00	2407.95	2407.95	1628.56	779.38
1+060.000	0.40	4.30	4.30	2.11	49.53	2412.25	2412.25	1678.09	734.15
1+062.613	0.51	1.20	1.20	1.85	5.16	2413.44	2413.44	1683.26	730.18
1+070.000	0.72	4.59	4.59	4.50	22.80	2418.03	2418.03	1706.05	711.97
1+080.000	1.66	12.11	12.11	8.14	61.29	2430.13	2430.13	1767.34	662.79
1+084.140	6.18	16.49	16.49	7.46	31.29	2446.63	2446.63	1798.63	648.00
1+090.000	7.54	40.88	40.88	4.77	34.71	2487.50	2487.50	1833.34	654.16
1+100.000	6.93	73.51	73.51	0.15	23.84	2561.01	2561.01	1857.18	703.83
1+105.667	2.30	26.55	26.55	0.23	1.07	2587.56	2587.56	1858.25	729.31
1+120.000	1.25	25.41	25.41	0.38	4.41	2612.98	2612.98	1862.67	750.31
1+140.000	2.67	39.17	39.17	0.62	10.02	2652.15	2652.15	1872.68	779.47
1+160.000	4.28	69.52	69.52	0.52	11.36	2721.67	2721.67	1884.04	837.63
1+168.450	7.25	48.72	48.72	0.18	2.96	2770.40	2770.40	1887.00	883.39
1+170.000	6.94	11.00	11.00	0.18	0.28	2781.40	2781.40	1887.28	894.11
1+180.000	6.53	66.68	66.68	0.19	1.89	2848.08	2848.08	1889.17	958.91
1+189.142	0.19	30.48	30.48	2.64	12.79	2878.56	2878.56	1901.96	976.60
1+190.000	1.10	0.56	0.56	2.52	2.21	2879.11	2879.11	1904.17	974.95
1+200.000	0.48	7.88	7.88	0.27	13.92	2887.00	2887.00	1918.09	968.91
1+209.835	2.62	15.21	15.21	0.13	1.98	2902.21	2902.21	1920.07	982.14
1+210.000	2.62	0.43	0.43	0.15	0.02	2902.64	2902.64	1920.09	982.55
1+220.000	2.37	24.93	24.93	0.71	4.29	2927.57	2927.57	1924.39	1003.18
1+240.000	0.08	24.43	24.43	1.13	18.39	2952.00	2952.00	1942.78	1009.22
1+256.015	2.33	19.25	19.25	0.76	15.13	2971.25	2971.25	1957.91	1013.33
1+260.000	0.09	4.81	4.81	1.21	3.92	2976.06	2976.06	1961.83	1014.23
1+267.906	0.29	1.45	1.45	1.12	9.20	2977.50	2977.50	1971.03	1006.48
1+270.000	1.16	1.52	1.52	0.64	1.84	2979.02	2979.02	1972.87	1006.15
1+279.796	2.55	18.14	18.14	1.10	8.52	2997.16	2997.16	1981.39	1015.78
1+280.000	0.04	0.26	0.26	1.33	0.25	2997.43	2997.43	1981.63	1015.79
1+283.331	2.66	4.50	4.50	1.25	4.30	3001.93	3001.93	1985.93	1015.99
1+290.000	2.19	16.22	16.22	1.29	8.38	3018.15	3018.15	1994.31	1023.83
1+300.000	3.07	26.37	26.37	1.43	13.40	3044.51	3044.51	2007.71	1036.80
1+310.000	0.41	17.44	17.44	5.24	32.68	3061.95	3061.95	2040.39	1021.56
1+315.238	2.38	7.34	7.34	7.57	32.76	3069.30	3069.30	2073.15	996.15
1+320.000	2.28	11.15	11.15	8.49	37.25	3080.45	3080.45	2110.40	970.05
1+330.000	2.93	26.10	26.10	6.30	71.79	3106.54	3106.54	2182.18	924.36
1+340.000	0.13	15.32	15.32	7.90	68.63	3121.86	3121.86	2250.81	871.05
1+347.145	0.01	0.52	0.52	6.19	48.75	3122.38	3122.38	2299.56	822.82
1+347.592	0.00	0.00	0.00	6.07	2.74	3122.38	3122.38	2302.30	820.08
1+347.889	2.37	0.36	0.36	5.87	-0.54	3122.74	3122.74	2301.76	820.98
1+348.187	2.37	0.71	0.71	6.02	-0.60	3123.45	3123.45	2301.15	822.29
1+360.000	2.63	29.55	29.55	4.77	63.73	3153.00	3153.00	2364.88	788.12
1+367.235	4.44	25.60	25.60	3.79	30.95	3178.60	3178.60	2395.83	782.77
1+370.000	8.09	18.92	18.92	3.22	8.89	3197.52	3197.52	2404.72	792.79
1+378.012	0.62	37.73	37.73	2.86	22.47	3235.25	3235.25	2427.20	808.05
1+380.000	0.69	1.42	1.42	2.69	5.13	3236.67	3236.67	2432.33	804.35
1+388.789	2.50	14.39	14.39	1.63	17.74	3251.06	3251.06	2450.07	800.99
1+393.130	0.15	5.75	5.75	1.39	6.54	3256.81	3256.81	2456.61	800.20
1+400.000	2.56	9.35	9.35	0.83	7.54	3266.15	3266.15	2464.15	802.00

1+405.144	0.23	7.20	7.20	1.16	5.07	3273.35	3273.35	2469.23	804.13
1+410.000	2.28	6.10	6.10	0.99	5.18	3279.45	3279.45	2474.41	805.04
1+417.158	2.21	16.08	16.08	1.39	8.47	3295.53	3295.53	2482.88	812.65
1+420.000	0.00	3.14	3.14	1.96	4.76	3298.68	3298.68	2487.64	811.04
1+440.000	0.74	7.39	7.39	0.61	25.68	3306.07	3306.07	2513.32	792.74
1+444.226	3.28	8.49	8.49	0.61	2.58	3314.55	3314.55	2515.90	798.66
1+450.000	2.21	14.75	14.75	1.50	6.12	3329.30	3329.30	2522.02	807.29
1+450.155	2.30	0.35	0.35	1.51	0.23	3329.65	3329.65	2522.25	807.40
1+456.084	4.17	17.43	17.43	0.56	6.25	3347.08	3347.08	2528.50	818.58
1+460.000	0.09	8.35	8.35	0.88	2.83	3355.42	3355.42	2531.33	824.09
1+461.475	0.04	0.10	0.10	0.83	1.27	3355.52	3355.52	2532.60	822.92
1+465.000	2.78	4.93	4.93	0.64	2.89	3360.45	3360.45	2535.48	824.97
1+468.524	2.85	9.87	9.87	0.62	2.35	3370.32	3370.32	2537.83	832.49
1+480.000	0.05	16.62	16.62	0.68	7.46	3386.94	3386.94	2545.30	841.65
1+500.000	3.15	31.99	31.99	0.04	7.22	3418.94	3418.94	2552.52	866.42
1+520.000	1.01	41.58	41.58	0.23	2.73	3460.51	3460.51	2555.25	905.27
1+525.733	0.83	5.27	5.27	0.28	1.47	3465.79	3465.79	2556.72	909.06
1+530.000	0.63	3.06	3.06	0.41	1.48	3468.85	3468.85	2558.20	910.65
1+531.196	0.40	0.62	0.62	0.47	0.53	3469.47	3469.47	2558.73	910.74
1+536.658	2.56	8.07	8.07	0.76	3.38	3477.54	3477.54	2562.11	915.43
1+540.000	2.72	8.82	8.82	1.10	3.12	3486.35	3486.35	2565.22	921.13
1+560.000	2.89	56.09	56.09	1.09	21.94	3542.44	3542.44	2587.16	955.28
1+580.000	2.84	57.33	57.33	0.60	16.91	3599.78	3599.78	2604.07	995.71
1+584.748	2.79	13.37	13.37	0.63	2.90	3613.14	3613.14	2606.97	1006.17
1+590.000	2.63	14.26	14.26	0.97	4.17	3627.40	3627.40	2611.14	1016.26
1+600.000	2.46	25.51	25.51	0.95	9.51	3652.91	3652.91	2620.65	1032.26
1+603.910	0.00	4.82	4.82	1.37	4.50	3657.73	3657.73	2625.16	1032.57
1+610.000	0.84	2.57	2.57	0.97	7.10	3660.30	3660.30	2632.25	1028.05
1+620.000	3.21	20.34	20.34	0.55	7.55	3680.65	3680.65	2639.81	1040.84
1+623.073	3.11	9.72	9.72	0.68	1.90	3690.36	3690.36	2641.71	1048.65
1+640.000	2.52	47.66	47.66	0.86	13.04	3738.02	3738.02	2654.75	1083.27
1+660.000	3.00	55.17	55.17	0.66	15.20	3793.19	3793.19	2669.95	1123.24
1+680.000	2.45	54.48	54.48	0.43	10.92	3847.67	3847.67	2680.87	1166.80
1+686.200	0.01	7.65	7.65	0.66	3.39	3855.32	3855.32	2684.25	1171.07
1+690.000	0.01	0.05	0.05	0.76	2.66	3855.37	3855.37	2686.91	1168.46
1+694.479	0.03	0.09	0.09	0.96	3.82	3855.46	3855.46	2690.73	1164.73
1+700.000	2.40	6.71	6.71	0.79	4.88	3862.17	3862.17	2695.61	1166.56
1+702.758	0.02	3.34	3.34	1.01	2.52	3865.51	3865.51	2698.13	1167.38
1+709.341	0.00	0.07	0.07	1.03	6.69	3865.58	3865.58	2704.82	1160.76
1+710.000	0.00	0.00	0.00	1.02	0.67	3865.58	3865.58	2705.49	1160.09
1+713.701	2.57	4.77	4.77	0.76	3.28	3870.35	3870.35	2708.77	1161.59
1+718.061	2.61	11.34	11.34	0.81	3.40	3881.69	3881.69	2712.17	1169.52
1+720.000	2.63	5.08	5.08	0.83	1.59	3886.77	3886.77	2713.76	1173.01
1+740.000	2.71	53.42	53.42	0.91	17.37	3940.19	3940.19	2731.13	1209.06
1+760.000	2.88	55.92	55.92	0.08	9.86	3996.11	3996.11	2740.99	1255.12
1+760.735	0.27	1.16	1.16	0.26	0.12	3997.27	3997.27	2741.11	1256.15
1+765.390	0.19	1.00	1.00	0.34	1.45	3998.26	3998.26	2742.57	1255.70
1+770.045	0.14	0.73	0.73	0.52	2.14	3998.99	3998.99	2744.70	1254.29
1+772.488	0.09	0.27	0.27	0.56	1.31	3999.27	3999.27	2746.02	1253.25
1+777.078	0.04	0.30	0.30	0.71	2.91	3999.57	3999.57	2748.92	1250.65
1+780.000	2.49	3.70	3.70	0.57	1.87	4003.27	4003.27	2750.79	1252.48
1+781.667	0.03	2.10	2.10	0.84	1.18	4005.36	4005.36	2751.97	1253.39

1+800.000	0.27	2.70	2.70	0.98	16.68	4008.06	4008.06	2768.65	1239.41
1+820.000	3.58	38.50	38.50	0.24	12.19	4046.56	4046.56	2780.84	1265.72
1+840.000	3.21	67.97	67.97	0.32	5.59	4114.53	4114.53	2786.43	1328.10
1+853.861	0.16	23.37	23.37	0.43	5.18	4137.90	4137.90	2791.61	1346.29
1+859.335	0.30	1.45	1.45	0.73	2.86	4139.35	4139.35	2794.47	1344.88
1+860.000	0.38	0.26	0.26	0.77	0.43	4139.60	4139.60	2794.90	1344.71
1+864.809	0.69	2.70	2.70	0.27	2.18	4142.31	4142.31	2797.08	1345.23
1+872.816	0.59	5.13	5.13	0.02	1.16	4147.43	4147.43	2798.24	1349.20
1+873.139	0.56	0.19	0.19	0.02	0.00	4147.62	4147.62	2798.24	1349.38
1+873.463	3.22	0.61	0.61	0.00	0.00	4148.23	4148.23	2798.25	1349.98
1+880.000	5.65	28.97	28.97	0.04	0.14	4177.20	4177.20	2798.39	1378.81
1+900.000	0.26	59.09	59.09	0.52	5.67	4236.29	4236.29	2804.06	1432.23
1+920.000	0.74	10.02	10.02	1.73	22.52	4246.32	4246.32	2826.58	1419.74
1+923.947	4.46	10.27	10.27	5.56	14.39	4256.58	4256.58	2840.97	1415.61
1+930.000	1.51	17.40	17.40	0.71	20.46	4273.98	4273.98	2861.43	1412.55
1+933.724	1.11	4.55	4.55	0.62	2.48	4278.53	4278.53	2863.91	1414.62
1+940.000	2.67	11.59	11.59	0.88	4.91	4290.12	4290.12	2868.82	1421.31
1+943.501	2.66	9.32	9.32	2.07	5.58	4299.44	4299.44	2874.40	1425.04
1+952.795	0.18	13.17	13.17	7.35	43.76	4312.62	4312.62	2918.16	1394.46
1+958.221	0.18	1.06	1.06	7.86	33.25	4313.68	4313.68	2951.41	1362.27
1+960.000	2.38	2.35	2.35	6.87	10.36	4316.03	4316.03	2961.77	1354.26
1+963.648	0.04	4.52	4.52	6.29	19.81	4320.55	4320.55	2981.58	1338.97
1+965.650	0.00	0.05	0.05	0.77	7.07	4320.59	4320.59	2988.65	1331.94
1+970.000	0.81	1.79	1.79	0.44	2.65	4322.38	4322.38	2991.30	1331.08
1+971.924	2.66	3.34	3.34	0.49	0.89	4325.72	4325.72	2992.19	1333.53
1+978.199	2.80	17.12	17.12	0.90	4.35	4342.84	4342.84	2996.54	1346.30
1+980.000	0.13	2.64	2.64	0.94	1.66	4345.48	4345.48	2998.19	1347.29
1+988.046	2.69	11.32	11.32	0.38	5.31	4356.80	4356.80	3003.51	1353.29
1+990.000	0.12	2.76	2.76	0.51	0.85	4359.56	4359.56	3004.35	1355.20
1+994.538	2.56	6.16	6.16	0.04	1.21	4365.71	4365.71	3005.56	1360.15
2+000.000	0.52	8.50	8.50	0.62	1.71	4374.22	4374.22	3007.28	1366.94
2+001.030	2.81	1.73	1.73	0.10	0.35	4375.95	4375.95	3007.63	1368.32
2+020.000	0.47	31.11	31.11	0.50	5.72	4407.06	4407.06	3013.35	1393.71
2+040.000	2.55	30.22	30.22	0.17	6.73	4437.28	4437.28	3020.08	1417.20
2+051.755	0.26	16.54	16.54	0.57	4.38	4453.82	4453.82	3024.46	1429.36
2+060.000	2.10	9.73	9.73	0.44	4.18	4463.55	4463.55	3028.64	1434.91
2+060.163	0.00	0.17	0.17	1.04	0.12	4463.72	4463.72	3028.76	1434.96
2+068.571	2.11	8.88	8.88	0.59	6.93	4472.60	4472.60	3035.69	1436.91
2+080.000	0.07	12.47	12.47	0.57	6.62	4485.07	4485.07	3042.31	1442.76
2+090.692	2.55	14.03	14.03	0.19	4.04	4499.11	4499.11	3046.35	1452.75
2+100.000	0.51	14.29	14.29	0.45	2.93	4513.39	4513.39	3049.28	1464.11
2+110.000	0.84	6.81	6.81	0.28	3.59	4520.20	4520.20	3052.88	1467.32
2+120.000	1.42	11.30	11.30	0.01	1.45	4531.50	4531.50	3054.33	1477.17
2+122.831	1.37	3.94	3.94	0.00	0.03	4535.44	4535.44	3054.36	1481.08
2+130.000	2.41	13.55	13.55	0.40	1.42	4548.99	4548.99	3055.77	1493.22
2+140.000	3.82	31.15	31.15	0.06	2.26	4580.13	4580.13	3058.03	1522.10
2+150.000	2.43	31.23	31.23	0.51	2.83	4611.37	4611.37	3060.86	1550.51
2+154.970	3.89	15.73	15.73	0.65	2.83	4627.10	4627.10	3063.69	1563.41
2+160.000	1.73	14.13	14.13	0.45	2.77	4641.23	4641.23	3066.46	1574.76
2+180.000	3.60	53.30	53.30	0.27	7.15	4694.53	4694.53	3073.61	1620.92
2+186.298	2.92	20.53	20.53	0.29	1.77	4715.06	4715.06	3075.38	1639.68
2+190.000	0.33	6.02	6.02	0.42	1.30	4721.07	4721.07	3076.68	1644.39

2+198.912	0.95	5.69	5.69	0.07	2.15	4726.77	4726.77	3078.83	1647.94
2+200.000	3.80	2.58	2.58	0.07	0.07	4729.35	4729.35	3078.90	1650.44
2+211.526	1.50	30.60	30.60	0.36	2.45	4759.95	4759.95	3081.35	1678.60
2+220.000	4.18	24.05	24.05	0.70	4.47	4784.00	4784.00	3085.82	1698.17
2+240.000	3.05	72.27	72.27	0.47	11.70	4856.27	4856.27	3097.52	1758.75
2+260.000	3.27	63.20	63.20	0.30	7.72	4919.46	4919.46	3105.24	1814.23
2+280.000	3.11	63.82	63.82	1.22	15.20	4983.28	4983.28	3120.44	1862.85
2+291.857	3.39	38.53	38.53	0.64	11.01	5021.82	5021.82	3131.44	1890.37
2+300.000	4.00	29.63	29.63	0.33	3.54	5051.45	5051.45	3134.99	1916.46
2+305.931	2.96	19.22	19.22	0.01	0.91	5070.67	5070.67	3135.89	1934.77
2+310.000	1.55	8.08	8.08	0.64	1.18	5078.75	5078.75	3137.07	1941.68
2+320.000	3.28	22.85	22.85	0.88	6.95	5101.60	5101.60	3144.02	1957.58
2+320.005	0.84	0.01	0.01	1.14	0.00	5101.62	5101.62	3144.03	1957.59
2+336.435	0.30	9.37	9.37	0.78	15.85	5110.99	5110.99	3159.88	1951.11
2+340.000	0.10	0.59	0.59	0.92	3.35	5111.58	5111.58	3163.23	1948.35
2+342.670	0.19	0.36	0.36	0.70	1.92	5111.93	5111.93	3165.15	1946.78
2+348.905	2.26	7.20	7.20	0.96	3.64	5119.13	5119.13	3168.79	1950.34
2+360.000	510.13	2842.57	2842.57	0.00	5.30	7961.70	7961.70	3174.09	4787.61
2+360.204	331.60	85.69	85.69	0.00	0.00	8047.39	8047.39	3174.09	4873.30