

SENDA LITORAL EN CABO PRIOR

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Grado en Tecnología de la Ingeniería Civil
Trabajo de Fin de Grado
Octubre 2015
DOCUMENTO N°3: PRESUPUESTO



UNIVERSIDADE DA CORUÑA



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 - 1.1. Memoria descriptiva**
 - 1.2. Memoria justificativa**
- 2. DOCUMENTO N°2: PLANOS**
- 3. DOCUMENTO N°3: PRESUPUESTO**



DOCUMENTO N°3: PRESUPUESTO



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1. MEDICIONES AUXILIARES

1.1 Zona 1

Senda batería militar:

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Volumen reutilizable (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. desmonte acumul. (metros cúbicos)	Vol. reutilizable acumul. (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)	Vol. neto acumul. (pies cúbicos)
0+05.000	11.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0+10.000	10.07	52.90	52.90	0.00	0.00	52.90	52.90	0.00	52.90
0+15.000	6.73	41.99	41.99	0.00	0.00	94.90	94.90	0.00	94.89
0+20.000	3.86	28.05	28.05	0.34	0.76	122.95	122.95	0.77	122.18
0+25.000	2.28	16.08	16.08	2.40	6.60	139.03	139.03	7.37	131.66
0+30.000	1.98	10.77	10.77	1.19	8.91	149.80	149.80	16.28	133.52
0+35.000	6.11	20.09	20.09	1.55	7.70	169.89	169.89	23.97	145.92
0+40.000	10.59	41.76	41.76	1.11	7.23	211.65	211.65	31.21	180.45
0+45.000	13.70	61.65	61.65	0.00	3.18	273.30	273.30	34.39	238.92
0+50.000	16.10	76.12	76.12	0.00	0.00	349.42	349.42	34.39	315.03
0+55.000	16.93	82.58	82.58	0.05	0.13	432.00	432.00	34.52	397.48
0+60.000	20.18	92.77	92.77	0.00	0.14	524.77	524.77	34.66	490.11
0+65.000	23.12	108.25	108.25	0.00	0.00	633.02	633.02	34.66	598.35
0+70.000	23.60	117.51	117.51	0.31	0.75	750.53	750.53	35.41	715.12
0+75.000	22.19	115.73	115.73	0.35	1.54	866.26	866.26	36.95	829.30
0+80.000	23.14	115.15	115.15	0.12	1.04	981.40	981.40	38.00	943.41
0+85.000	21.62	124.06	124.06	0.08	0.09	1105.46	1105.46	38.09	1067.37
0+90.000	17.28	97.24	97.24	0.00	0.20	1202.70	1202.70	38.29	1164.41
0+95.000	11.98	73.14	73.14	0.00	0.00	1275.84	1275.84	38.29	1237.54
1+00.000	6.75	46.82	46.82	0.00	0.00	1322.66	1322.66	38.30	1284.36
1+05.000	3.22	24.93	24.93	1.23	3.07	1347.59	1347.59	41.37	1306.22
1+10.000	2.20	13.56	13.56	1.32	6.37	1361.15	1361.15	47.74	1313.41
1+15.000	3.44	13.89	13.89	0.02	2.79	1375.04	1375.04	50.53	1324.51
1+20.000	4.99	21.06	21.06	0.00	0.04	1396.10	1396.10	50.57	1345.53
1+25.000	4.19	22.95	22.95	0.01	0.04	1419.05	1419.05	50.61	1368.44
1+30.000	3.15	18.36	18.36	0.06	0.18	1437.42	1437.42	50.79	1386.62
1+35.000	2.09	13.10	13.10	0.03	0.23	1450.52	1450.52	51.02	1399.50
1+40.000	1.70	9.36	9.36	0.46	1.24	1459.88	1459.88	52.26	1407.62
1+45.000	1.73	8.59	8.59	1.26	4.31	1468.47	1468.47	56.57	1411.90
1+50.000	1.77	8.74	8.74	2.03	8.22	1477.21	1477.21	64.79	1412.42
1+55.000	0.79	6.40	6.40	2.45	11.18	1483.61	1483.61	75.98	1407.64

1+60.000	0.57	3.42	3.42	2.75	13.00	1487.03	1487.03	88.98	1398.05
1+65.000	0.85	3.41	3.41	1.40	10.32	1490.44	1490.44	99.30	1391.14
1+70.000	0.86	4.26	4.26	0.46	4.65	1494.71	1494.71	103.95	1390.76
1+75.000	3.86	11.80	11.80	0.93	3.48	1506.50	1506.50	107.43	1399.07
1+80.000	5.78	24.10	24.10	0.61	3.83	1530.60	1530.60	111.27	1419.33
1+85.000	6.78	31.09	31.09	0.27	2.31	1561.69	1561.69	113.57	1448.12
1+90.000	8.41	37.99	37.99	0.45	1.81	1599.68	1599.68	115.38	1484.30
1+95.000	10.34	46.88	46.88	0.27	1.81	1646.56	1646.56	117.19	1529.36
2+00.000	11.39	54.33	54.33	0.07	0.86	1700.88	1700.88	118.05	1582.83
2+05.000	12.27	59.15	59.15	0.03	0.26	1760.04	1760.04	118.31	1641.73
2+10.000	12.94	63.03	63.03	0.01	0.11	1823.07	1823.07	118.42	1704.65
2+15.000	13.26	65.51	65.51	0.00	0.03	1888.57	1888.57	118.44	1770.13
2+20.000	13.20	66.15	66.15	0.00	0.00	1954.73	1954.73	118.44	1836.29
2+25.000	13.10	65.75	65.75	0.00	0.00	2020.48	2020.48	118.44	1902.03
2+30.000	12.15	63.12	63.12	0.36	0.89	2083.60	2083.60	119.34	1964.26
2+35.000	13.94	70.43	70.43	0.00	1.55	2154.03	2154.03	120.89	2033.14
2+40.000	9.57	59.88	59.88	0.00	0.00	2213.90	2213.90	120.89	2093.02
2+45.000	6.73	37.49	37.49	0.02	0.07	2251.40	2251.40	120.96	2130.44
2+50.000	5.82	30.32	30.32	0.09	0.30	2281.72	2281.72	121.26	2160.46
2+55.000	8.17	29.22	29.22	0.20	0.94	2310.94	2310.94	122.20	2188.73
2+60.000	9.14	42.79	42.79	0.18	0.96	2353.73	2353.73	123.16	2230.56
2+65.000	9.14	41.16	41.16	2.43	7.57	2394.88	2394.88	130.73	2264.16
2+70.000	12.23	53.43	53.43	2.88	13.26	2448.32	2448.32	143.98	2304.33
2+75.000	16.50	71.84	71.84	2.54	13.53	2520.15	2520.15	157.51	2362.64
2+80.000	17.00	83.77	83.77	1.88	11.03	2603.92	2603.92	168.54	2435.38
2+85.000	14.91	79.78	79.78	2.51	10.97	2683.70	2683.70	179.51	2504.19
2+90.000	13.56	69.36	69.36	3.18	14.92	2753.06	2753.06	194.43	2558.62
2+95.000	13.66	68.03	68.03	3.20	15.96	2821.09	2821.09	210.39	2610.70
3+00.000	13.74	68.49	68.49	2.85	15.14	2889.59	2889.59	225.53	2664.05
3+05.000	13.06	67.01	67.01	2.68	13.84	2956.60	2956.60	239.37	2717.22
3+10.000	11.74	62.01	62.01	3.71	15.99	3018.61	3018.61	255.36	2763.24
3+15.000	9.74	53.70	53.70	4.23	19.87	3072.31	3072.31	275.23	2797.07
3+20.000	8.92	46.65	46.65	4.04	20.69	3118.96	3118.96	295.93	2823.03
3+25.000	8.64	43.90	43.90	3.38	18.57	3162.86	3162.86	314.49	2848.36
3+30.000	7.82	42.54	42.54	1.86	12.16	3205.40	3205.40	326.65	2878.75
3+35.000	7.09	37.26	37.26	2.23	10.21	3242.66	3242.66	336.86	2905.79
3+40.000	6.42	33.75	33.75	2.39	11.56	3276.41	3276.41	348.42	2927.99
3+45.000	5.80	30.53	30.53	1.75	10.35	3306.94	3306.94	358.77	2948.18
3+50.000	6.46	30.64	30.64	0.67	6.03	3337.58	3337.58	364.80	2972.78
3+55.000	7.17	38.94	38.94	0.11	1.35	3376.52	3376.52	366.15	3010.37
3+60.000	6.58	36.08	36.08	0.03	0.32	3412.60	3412.60	366.47	3046.13
3+65.000	3.79	30.34	30.34	0.01	0.09	3442.94	3442.94	366.55	3076.39
3+70.000	1.32	11.99	11.99	0.31	1.04	3454.93	3454.93	367.60	3087.34
3+75.000	0.05	3.20	3.20	1.07	3.49	3458.13	3458.13	371.09	3087.04
3+80.000	0.22	0.76	0.76	2.53	8.85	3458.90	3458.90	379.94	3078.95



3+85.000	0.42	1.62	1.62	3.46	14.96	3460.51	3460.51	394.90	3065.61
3+90.000	0.84	3.16	3.16	2.84	15.74	3463.68	3463.68	410.65	3053.03
3+95.000	1.63	6.19	6.19	1.66	11.25	3469.87	3469.87	421.89	3047.97
4+00.000	2.31	10.22	10.22	1.05	6.35	3480.09	3480.09	428.24	3051.85
4+05.000	2.83	12.85	12.85	0.70	4.40	3492.94	3492.94	432.64	3060.31
4+10.000	3.72	16.40	16.40	0.59	3.24	3509.34	3509.34	435.87	3073.47
4+15.000	4.93	21.63	21.63	0.54	2.82	3530.97	3530.97	438.70	3092.28
4+20.000	6.39	28.29	28.29	0.49	2.58	3559.26	3559.26	441.28	3117.99
4+25.000	7.85	35.90	35.90	0.61	3.01	3595.17	3595.17	444.29	3150.88
4+30.000	9.00	42.14	42.14	0.56	2.93	3637.31	3637.31	447.22	3190.09
4+35.000	8.90	46.89	46.89	0.58	4.37	3684.19	3684.19	451.58	3232.61
4+40.000	6.45	40.17	40.17	0.01	2.88	3724.36	3724.36	454.46	3269.90
4+45.000	5.26	29.28	29.28	0.00	0.05	3753.64	3753.64	454.51	3299.14
4+50.000	4.18	23.16	23.16	0.00	0.01	3776.81	3776.81	454.52	3322.29
4+55.000	3.29	17.13	17.13	0.07	0.21	3793.94	3793.94	454.73	3339.21
4+60.000	3.31	15.84	15.84	0.14	0.54	3809.78	3809.78	455.27	3354.51
4+65.000	3.34	16.34	16.34	0.15	0.74	3826.12	3826.12	456.01	3370.11
4+70.000	3.12	16.15	16.15	0.07	0.55	3842.27	3842.27	456.55	3385.72
4+75.000	2.67	14.48	14.48	0.15	0.54	3856.75	3856.75	457.09	3399.66
4+80.000	2.21	12.20	12.20	0.35	1.24	3868.95	3868.95	458.33	3410.62
4+85.000	1.48	9.24	9.24	0.62	2.42	3878.19	3878.19	460.74	3417.44
4+90.000	0.69	5.43	5.43	0.97	3.98	3883.61	3883.61	464.73	3418.89
4+95.000	0.13	2.05	2.05	1.65	6.55	3885.67	3885.67	471.28	3414.39
5+00.000	0.00	0.32	0.32	2.67	10.57	3885.99	3885.99	481.85	3404.14
5+05.000	0.00	0.00	0.00	3.01	14.19	3885.99	3885.99	496.04	3389.95
5+10.000	0.00	0.00	0.00	2.57	13.94	3885.99	3885.99	509.98	3376.01
5+15.000	0.12	0.25	0.25	1.99	10.36	3886.24	3886.24	520.34	3365.91
5+20.000	1.32	3.59	3.59	1.12	7.78	3889.83	3889.83	528.12	3361.71
5+25.000	2.85	8.83	8.83	0.32	3.22	3898.66	3898.66	531.33	3367.33
5+30.000	5.57	20.82	20.82	0.15	1.15	3919.48	3919.48	532.48	3387.00
5+35.000	10.06	37.44	37.44	0.00	0.39	3956.92	3956.92	532.87	3424.06
5+40.000	12.27	55.83	55.83	0.00	0.00	4012.75	4012.75	532.87	3479.88
5+45.000	9.88	55.36	55.36	0.73	1.83	4068.12	4068.12	534.70	3533.41
5+50.000	7.77	44.11	44.11	0.48	3.03	4112.22	4112.22	537.73	3574.50
5+55.000	7.10	36.82	36.82	0.46	2.25	4149.05	4149.05	539.97	3609.07
5+60.000	5.50	31.49	31.49	0.18	1.60	4180.53	4180.53	541.58	3638.96
5+65.000	4.35	24.63	24.63	0.11	0.72	4205.16	4205.16	542.30	3662.86
5+70.000	2.63	17.46	17.46	0.05	0.40	4222.62	4222.62	542.70	3679.92
5+75.000	2.37	12.48	12.48	0.94	2.47	4235.10	4235.10	545.17	3689.93
5+80.000	3.09	13.64	13.64	2.39	8.32	4248.74	4248.74	553.50	3695.25
5+85.000	1.48	10.58	10.58	3.02	13.59	4259.32	4259.32	567.09	3692.23
5+90.000	2.51	9.96	9.96	2.26	13.20	4269.28	4269.28	580.29	3689.00
5+95.000	2.81	4.54	4.54	2.46	12.47	4273.82	4273.82	592.76	3681.06
6+00.000	6.39	22.98	22.98	1.60	10.15	4296.81	4296.81	602.91	3693.90
6+05.000	13.57	49.90	49.90	1.45	7.61	4346.71	4346.71	610.52	3736.19

6+10.000	21.79	90.48	90.48	2.65	10.26	4437.19	4437.19	620.78	3816.40
6+15.000	16.44	134.21	134.21	1.97	11.68	4571.40	4571.40	632.46	3938.94
6+20.000	16.31	81.86	81.86	0.68	6.61	4653.26	4653.26	639.07	4014.19

Senda 1:

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Volumen reutilizable (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. desmonte acumul. (metros cúbicos)	Vol. reutilizable acumul. (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)	Vol. neto acumul. (pies cúbicos)
0+05.000	5.51	0.00	0.00	2.21	0.00	0.00	0.00	0.00	0.00
0+10.000	6.70	30.54	30.54	1.94	10.38	30.54	30.54	10.38	20.16
0+15.000	9.48	44.48	44.48	0.84	4.96	75.01	75.01	15.33	59.68
0+20.000	8.41	57.42	57.42	1.22	0.58	132.43	132.43	15.91	116.51
0+25.000	6.79	38.01	38.01	2.06	8.21	170.44	170.44	24.12	146.32
0+30.000	6.47	33.15	33.15	2.62	11.71	203.59	203.59	35.83	167.76
0+35.000	7.06	33.84	33.84	1.43	10.14	237.43	237.43	45.97	191.46
0+40.000	9.84	42.25	42.25	0.18	4.04	279.68	279.68	50.01	229.67
0+45.000	11.77	54.01	54.01	0.08	0.65	333.69	333.69	50.66	283.03
0+50.000	10.92	56.71	56.71	0.07	0.38	390.40	390.40	51.04	339.36
0+55.000	11.80	56.80	56.80	0.00	0.18	447.20	447.20	51.21	395.99
0+60.000	8.77	51.45	51.45	0.21	0.53	498.65	498.65	51.74	446.91
0+65.000	5.47	35.62	35.62	1.85	5.15	534.27	534.27	56.89	477.37
0+70.000	5.13	23.49	23.49	3.63	14.86	557.75	557.75	71.75	486.01
0+75.000	5.06	25.48	25.48	3.37	17.50	583.23	583.23	89.25	493.99
0+80.000	2.83	19.72	19.72	2.83	15.51	602.96	602.96	104.76	498.20
0+85.000	1.45	10.68	10.68	3.90	16.82	613.64	613.64	121.58	492.06
0+90.000	0.52	4.55	4.55	6.07	25.20	618.19	618.19	146.78	471.41
0+95.000	1.37	3.92	3.92	5.41	29.30	622.11	622.11	176.08	446.03
1+00.000	2.93	10.75	10.75	4.75	25.42	632.86	632.86	201.50	431.36
1+05.000	4.58	18.79	18.79	4.30	22.62	651.65	651.65	224.12	427.53
1+10.000	5.57	25.37	25.37	4.65	22.37	677.02	677.02	246.50	430.53
1+15.000	5.67	23.33	23.33	4.45	23.32	700.36	700.36	269.82	430.54
1+20.000	5.51	27.96	27.96	4.59	22.61	728.31	728.31	292.43	435.88
1+25.000	4.78	6.91	6.91	4.60	24.66	735.22	735.22	317.09	418.13
1+30.000	6.45	28.07	28.07	2.62	18.05	763.29	763.29	335.13	428.15
1+35.000	7.89	35.85	35.85	2.02	11.60	799.14	799.14	346.73	452.41
1+40.000	9.02	39.79	39.79	1.82	9.66	838.93	838.93	356.39	482.54
1+45.000	9.72	46.85	46.85	2.03	9.63	885.78	885.78	366.02	519.76
1+50.000	9.96	49.19	49.19	2.31	10.86	934.97	934.97	376.88	558.09
1+55.000	11.20	36.50	36.50	2.32	11.98	971.47	971.47	388.86	582.61
1+60.000	12.10	58.25	58.25	2.49	12.03	1029.71	1029.71	400.89	628.82
1+65.000	11.41	58.78	58.78	3.25	14.35	1088.49	1088.49	415.24	673.26
1+70.000	9.65	52.67	52.67	3.92	17.91	1141.16	1141.16	433.15	708.01



1+75.000	10.20	26.57	26.57	4.64	22.61	1167.73	1167.73	455.76	711.96
1+80.000	10.57	51.94	51.94	6.68	28.30	1219.67	1219.67	484.06	735.60
1+85.000	13.01	73.15	73.15	8.83	34.09	1292.81	1292.81	518.15	774.66
1+90.000	13.95	67.40	67.40	9.93	46.89	1360.22	1360.22	565.04	795.17
1+95.000	13.19	67.85	67.85	8.72	46.62	1428.06	1428.06	611.66	816.40
2+00.000	9.19	55.96	55.96	6.44	37.89	1484.02	1484.02	649.55	834.47
2+05.000	8.74	57.98	57.98	4.36	18.98	1542.00	1542.00	668.53	873.47
2+10.000	13.93	56.68	56.68	4.85	23.01	1598.68	1598.68	691.55	907.13
2+15.000	15.95	74.72	74.72	3.76	21.51	1673.40	1673.40	713.06	960.34
2+20.000	20.07	90.06	90.06	2.42	15.44	1763.46	1763.46	728.50	1034.96
2+25.000	25.69	114.40	114.40	0.79	8.01	1877.86	1877.86	736.52	1141.34
2+30.000	31.63	143.29	143.29	0.00	1.98	2021.15	2021.15	738.50	1282.65
2+35.000	32.77	158.32	158.32	0.06	0.18	2179.47	2179.47	738.67	1440.79
2+40.000	37.34	197.97	197.97	0.13	0.27	2377.44	2377.44	738.95	1638.49
2+45.000	25.64	195.75	195.75	0.23	0.15	2573.19	2573.19	739.10	1834.09
2+50.000	23.65	123.23	123.23	0.00	0.57	2696.42	2696.42	739.67	1956.75
2+55.000	15.10	66.15	66.15	0.34	1.35	2762.57	2762.57	741.03	2021.54
2+60.000	7.72	57.06	57.06	0.36	1.75	2819.63	2819.63	742.78	2076.85
2+65.000	3.68	28.51	28.51	2.10	6.14	2848.14	2848.14	748.91	2099.23
2+70.000	0.48	10.41	10.41	6.27	20.91	2858.55	2858.55	769.83	2088.73
2+75.000	0.00	1.21	1.21	10.75	42.54	2859.76	2859.76	812.37	2047.40
2+80.000	0.00	0.00	0.00	13.10	59.62	2859.76	2859.76	871.98	1987.78
2+85.000	0.00	0.00	0.00	14.20	68.24	2859.76	2859.76	940.22	1919.54
2+90.000	0.00	0.00	0.00	12.66	67.15	2859.76	2859.76	1007.38	1852.39
2+95.000	0.00	0.00	0.00	8.80	53.65	2859.76	2859.76	1061.03	1798.74
3+00.000	0.00	0.00	0.00	4.90	34.24	2859.76	2859.76	1095.27	1764.49
3+05.000	0.16	0.41	0.41	2.37	18.17	2860.17	2860.17	1113.44	1746.73
3+10.000	0.36	1.31	1.31	1.28	9.12	2861.48	2861.48	1122.56	1738.93
3+15.000	0.36	1.80	1.80	1.10	5.94	2863.28	2863.28	1128.49	1734.79
3+20.000	0.13	1.21	1.21	1.68	6.96	2864.50	2864.50	1135.45	1729.05
3+25.000	0.00	0.32	0.32	2.99	11.69	2864.82	2864.82	1147.15	1717.67
3+30.000	0.05	0.13	0.13	4.60	18.99	2864.95	2864.95	1166.14	1698.81
3+35.000	0.06	0.28	0.28	8.74	33.35	2865.23	2865.23	1199.49	1665.74
3+40.000	0.00	0.15	0.15	15.07	59.51	2865.37	2865.37	1259.00	1606.38
3+45.000	0.00	0.00	0.00	21.29	90.90	2865.37	2865.37	1349.90	1515.48
3+50.000	0.00	0.00	0.00	22.92	110.52	2865.37	2865.37	1460.41	1404.96
3+55.000	0.00	0.00	0.00	20.94	109.64	2865.37	2865.37	1570.06	1295.32
3+60.000	0.66	1.64	1.64	14.35	88.23	2867.02	2867.02	1658.29	1208.73
3+65.000	1.44	5.24	5.24	9.59	59.86	2872.25	2872.25	1718.14	1154.11
3+70.000	1.12	6.39	6.39	7.13	41.79	2878.65	2878.65	1759.94	1118.71
3+75.000	0.90	5.04	5.04	7.02	35.36	2883.69	2883.69	1795.30	1088.39
3+80.000	0.66	3.90	3.90	8.85	39.67	2887.59	2887.59	1834.97	1052.62
3+85.000	0.34	2.51	2.51	9.58	46.07	2890.10	2890.10	1881.03	1009.06
3+90.000	0.11	1.12	1.12	10.79	50.93	2891.22	2891.22	1931.96	959.26
3+95.000	0.02	0.31	0.31	10.05	52.11	2891.53	2891.53	1984.08	907.46

4+00.000	0.00	0.04	0.04	7.40	43.64	2891.57	2891.57	2027.72	863.86
4+05.000	2.09	5.23	5.23	3.19	26.49	2896.80	2896.80	2054.20	842.59
4+10.000	6.57	21.66	21.66	1.07	10.65	2918.46	2918.46	2064.85	853.60
4+15.000	13.61	50.45	50.45	0.49	3.90	2968.91	2968.91	2068.75	900.16
4+20.000	23.25	92.14	92.14	0.28	1.92	3061.06	3061.06	2070.67	990.38
4+25.000	34.25	143.75	143.75	0.34	1.55	3204.81	3204.81	2072.23	1132.58
4+30.000	45.68	199.83	199.83	0.04	0.97	3404.64	3404.64	2073.19	1331.44
4+35.000	54.00	249.21	249.21	0.00	0.11	3653.84	3653.84	2073.30	1580.54
4+40.000	56.52	276.32	276.32	0.00	0.00	3930.16	3930.16	2073.30	1856.86
4+45.000	58.11	286.58	286.58	0.00	0.00	4216.74	4216.74	2073.30	2143.44
4+50.000	56.40	286.26	286.26	0.37	0.92	4503.01	4503.01	2074.22	2428.78
4+55.000	53.48	274.71	274.71	0.61	2.44	4777.71	4777.71	2076.67	2701.05
4+60.000	50.26	259.35	259.35	0.49	2.75	5037.07	5037.07	2079.42	2957.65
4+65.000	45.41	239.17	239.17	0.56	2.63	5276.24	5276.24	2082.06	3194.19
4+70.000	40.91	215.81	215.81	0.63	2.96	5492.05	5492.05	2085.02	3407.03
4+75.000	36.30	193.03	193.03	0.87	3.75	5685.08	5685.08	2088.77	3596.31
4+80.000	33.78	175.19	175.19	0.69	3.90	5860.27	5860.27	2092.66	3767.61
4+85.000	30.51	160.72	160.72	0.60	3.21	6021.00	6021.00	2095.87	3925.12
4+90.000	27.26	144.42	144.42	0.77	3.41	6165.42	6165.42	2099.29	4066.13
4+95.000	24.26	128.81	128.81	0.87	4.10	6294.23	6294.23	2103.39	4190.84
5+00.000	20.46	111.80	111.80	1.15	5.07	6406.03	6406.03	2108.46	4297.57
5+05.000	16.31	91.93	91.93	0.66	4.55	6497.96	6497.96	2113.00	4384.95
5+10.000	12.47	71.97	71.97	0.11	1.93	6569.93	6569.93	2114.94	4454.99
5+15.000	8.79	53.16	53.16	0.01	0.30	6623.09	6623.09	2115.24	4507.85
5+20.000	5.87	36.64	36.64	0.00	0.02	6659.73	6659.73	2115.26	4544.47
5+25.000	4.61	26.19	26.19	1.20	3.00	6685.92	6685.92	2118.26	4567.66
5+30.000	4.32	22.34	22.34	3.44	11.59	6708.26	6708.26	2129.85	4578.41
5+35.000	3.74	20.17	20.17	6.12	23.89	6728.43	6728.43	2153.74	4574.69
5+40.000	2.49	15.59	15.59	10.17	40.72	6744.01	6744.01	2194.46	4549.56
5+45.000	0.62	7.78	7.78	17.27	68.58	6751.80	6751.80	2263.04	4488.76
5+50.000	0.00	1.55	1.55	25.23	106.23	6753.35	6753.35	2369.27	4384.08
5+55.000	0.00	0.00	0.00	28.41	134.09	6753.35	6753.35	2503.36	4249.99
5+60.000	0.00	0.00	0.00	26.79	138.00	6753.35	6753.35	2641.36	4111.99
5+65.000	0.00	0.00	0.00	21.14	119.81	6753.35	6753.35	2761.17	3992.18
5+70.000	0.00	0.00	0.00	15.90	92.60	6753.35	6753.35	2853.77	3899.58
5+75.000	0.03	0.08	0.08	10.77	66.68	6753.42	6753.42	2920.44	3832.98
5+80.000	0.19	0.54	0.54	8.70	48.66	6753.96	6753.96	2969.11	3784.85
5+85.000	0.37	1.39	1.39	7.09	39.48	6755.35	6755.35	3008.59	3746.76
5+90.000	0.58	2.38	2.38	5.61	31.76	6757.73	6757.73	3040.35	3717.38
5+95.000	1.31	4.73	4.73	3.90	23.79	6762.46	6762.46	3064.14	3698.32
6+00.000	2.34	9.12	9.12	4.97	22.17	6771.58	6771.58	3086.31	3685.27
6+05.000	2.71	12.61	12.61	5.09	25.14	6784.19	6784.19	3111.46	3672.74
6+10.000	5.57	20.69	20.69	3.59	21.69	6804.88	6804.88	3133.15	3671.73
6+15.000	9.15	36.79	36.79	2.47	15.14	6841.67	6841.67	3148.29	3693.38
6+20.000	13.03	55.44	55.44	0.78	8.11	6897.11	6897.11	3156.40	3740.70



6+25.000	17.62	76.61	76.61	0.47	3.12	6973.72	6973.72	3159.52	3814.20
6+30.000	20.65	95.68	95.68	0.74	3.02	7069.39	7069.39	3162.54	3906.85
6+35.000	22.27	107.32	107.32	0.37	2.76	7176.71	7176.71	3165.31	4011.41
6+40.000	25.09	118.42	118.42	0.21	1.44	7295.13	7295.13	3166.74	4128.39
6+45.000	26.91	130.01	130.01	0.24	1.13	7425.14	7425.14	3167.87	4257.27
6+50.000	26.82	134.32	134.32	0.58	2.06	7559.46	7559.46	3169.93	4389.53
6+55.000	26.35	132.93	132.93	0.66	3.10	7692.39	7692.39	3173.03	4519.36
6+60.000	25.90	130.64	130.64	0.55	3.01	7823.03	7823.03	3176.04	4646.99
6+65.000	24.10	125.00	125.00	0.65	3.00	7948.02	7948.02	3179.04	4768.99
6+70.000	22.98	116.05	116.05	0.96	4.80	8064.07	8064.07	3183.84	4880.23
6+75.000	21.21	110.49	110.49	0.96	4.79	8174.56	8174.56	3188.63	4985.93
6+80.000	19.36	101.44	101.44	1.52	6.21	8275.99	8275.99	3194.84	5081.16
6+85.000	17.78	92.85	92.85	1.15	6.69	8368.84	8368.84	3201.53	5167.31
6+90.000	14.56	80.85	80.85	1.62	6.93	8449.69	8449.69	3208.46	5241.23
6+95.000	12.74	68.25	68.25	2.07	9.22	8517.93	8517.93	3217.67	5300.26
7+00.000	10.65	58.48	58.48	1.92	9.97	8576.41	8576.41	3227.64	5348.77
7+05.000	8.22	47.18	47.18	2.31	10.58	8623.59	8623.59	3238.22	5385.37
7+10.000	6.70	37.28	37.28	2.82	12.82	8660.87	8660.87	3251.05	5409.83
7+15.000	5.69	30.96	30.96	2.87	14.23	8691.83	8691.83	3265.27	5426.56
7+20.000	5.64	28.32	28.32	2.47	13.36	8720.16	8720.16	3278.63	5441.53
7+25.000	5.91	28.88	28.88	1.66	10.34	8749.04	8749.04	3288.97	5460.06
7+30.000	6.82	31.82	31.82	0.98	6.62	8780.86	8780.86	3295.59	5485.26
7+35.000	7.36	35.45	35.45	0.78	4.40	8816.31	8816.31	3299.99	5516.32
7+40.000	6.83	35.47	35.47	0.74	3.80	8851.78	8851.78	3303.79	5547.99
7+45.000	4.43	28.15	28.15	1.53	5.69	8879.93	8879.93	3309.48	5570.46
7+50.000	1.34	14.43	14.43	3.31	12.10	8894.37	8894.37	3321.58	5572.79
7+55.000	1.18	6.29	6.29	5.77	22.71	8900.65	8900.65	3344.28	5556.37
7+60.000	0.55	4.33	4.33	6.02	29.48	8904.98	8904.98	3373.77	5531.21
7+65.000	0.17	1.80	1.80	8.66	36.70	8906.78	8906.78	3410.46	5496.32
7+70.000	0.05	0.55	0.55	10.64	48.25	8907.34	8907.34	3458.71	5448.63
7+75.000	0.00	0.13	0.13	11.86	56.26	8907.47	8907.47	3514.97	5392.50
7+80.000	0.00	0.00	0.00	12.09	61.69	8907.47	8907.47	3576.66	5330.81
7+85.000	0.00	0.00	0.00	10.32	57.25	8907.48	8907.48	3633.91	5273.57
7+90.000	0.00	0.00	0.00	9.41	49.31	8907.48	8907.48	3683.22	5224.26
7+95.000	0.00	0.00	0.00	8.87	45.69	8907.49	8907.49	3728.91	5178.58
8+00.000	0.00	0.00	0.00	8.29	42.90	8907.49	8907.49	3771.81	5135.68
8+05.000	0.00	0.00	0.00	7.11	38.50	8907.49	8907.49	3810.31	5097.19
8+10.000	0.04	0.11	0.11	5.85	32.40	8907.60	8907.60	3842.71	5064.89
8+15.000	0.00	0.12	0.12	5.34	27.98	8907.72	8907.72	3870.68	5037.04
8+20.000	0.00	0.02	0.02	5.11	26.12	8907.74	8907.74	3896.80	5010.94
8+25.000	0.03	0.07	0.07	4.19	23.25	8907.82	8907.82	3920.06	4987.76
8+30.000	0.00	0.07	0.07	3.44	19.08	8907.89	8907.89	3939.13	4968.76
8+35.000	0.00	0.00	0.00	5.40	19.53	8907.89	8907.89	3958.66	4949.23
8+40.000	0.00	0.00	0.00	6.53	-4.91	8907.89	8907.89	3953.75	4954.14
8+45.000	0.00	0.00	0.00	7.43	34.91	8907.89	8907.89	3988.66	4919.23

8+50.000	0.00	0.00	0.00	11.05	46.21	8907.89	8907.89	4034.88	4873.02
8+55.000	0.21	0.62	0.62	11.07	56.44	8908.51	8908.51	4091.32	4817.20
8+60.000	0.17	1.08	1.08	14.01	62.00	8909.60	8909.60	4153.32	4756.28
8+65.000	0.00	0.42	0.42	16.89	77.24	8910.02	8910.02	4230.56	4679.46
8+70.000	0.00	0.00	0.00	19.11	90.01	8910.02	8910.02	4320.57	4589.45
8+75.000	1.05	2.62	2.62	15.43	86.35	8912.64	8912.64	4406.91	4505.73
8+80.000	1.02	5.18	5.18	17.58	82.52	8917.82	8917.82	4489.43	4428.39
8+85.000	2.40	8.55	8.55	16.84	86.06	8926.37	8926.37	4575.49	4350.88
8+90.000	0.78	7.93	7.93	15.84	81.70	8934.30	8934.30	4657.19	4277.12
8+95.000	0.47	3.10	3.10	15.23	77.67	8937.41	8937.41	4734.86	4202.55
9+00.000	0.03	1.25	1.25	16.59	79.55	8938.66	8938.66	4814.41	4124.25
9+05.000	0.00	0.09	0.09	17.53	85.30	8938.75	8938.75	4899.72	4039.03
9+10.000	0.00	0.00	0.00	18.82	92.15	8938.75	8938.75	4991.86	3946.88
9+15.000	0.00	0.00	0.00	19.28	95.27	8938.75	8938.75	5087.13	3851.62
9+20.000	0.00	0.00	0.00	18.82	95.25	8938.75	8938.75	5182.38	3756.36
9+25.000	0.00	0.00	0.00	18.19	92.52	8938.75	8938.75	5274.91	3663.84
9+30.000	0.55	1.33	1.33	12.51	77.35	8940.08	8940.08	5352.25	3587.82
9+35.000	7.02	18.94	18.94	5.19	44.24	8959.02	8959.02	5396.50	3562.52
9+40.000	15.72	64.76	64.76	3.08	14.56	9023.78	9023.78	5411.05	3612.72
9+45.000	19.05	89.09	89.09	3.65	15.58	9112.87	9112.87	5426.64	3686.23
9+50.000	18.38	76.86	76.86	3.11	26.33	9189.73	9189.73	5452.97	3736.76
9+55.000	17.81	90.48	90.48	2.95	15.16	9280.21	9280.21	5468.12	3812.08
9+60.000	17.49	88.25	88.25	2.83	14.45	9368.46	9368.46	5482.58	3885.89
9+65.000	18.49	89.96	89.96	2.88	14.27	9458.42	9458.42	5496.85	3961.57
9+70.000	19.20	94.24	94.24	3.48	15.91	9552.67	9552.67	5512.76	4039.91
9+75.000	21.02	100.56	100.56	2.22	14.26	9653.23	9653.23	5527.02	4126.21
9+80.000	32.20	133.06	133.06	2.24	11.17	9786.29	9786.29	5538.19	4248.10
9+85.000	37.80	175.00	175.00	2.47	11.79	9961.28	9961.28	5549.98	4411.31
9+90.000	48.03	202.89	202.89	0.86	10.82	10164.18	10164.18	5560.80	4603.38
9+95.000	50.87	247.24	247.24	1.71	6.42	10411.42	10411.42	5567.22	4844.20
10+00.000	46.80	244.18	244.18	2.57	10.70	10655.59	10655.59	5577.92	5077.67
10+05.000	44.66	228.67	228.67	3.18	14.37	10884.26	10884.26	5592.29	5291.97
10+10.000	38.21	213.96	213.96	2.93	12.96	11098.22	11098.22	5605.26	5492.96
10+15.000	37.27	188.69	188.69	2.10	12.56	11286.91	11286.91	5617.82	5669.09
10+20.000	32.33	174.01	174.01	1.83	9.81	11460.92	11460.92	5627.63	5833.28
10+25.000	42.30	176.39	176.39	0.17	8.14	11637.31	11637.31	5635.78	6001.53
10+30.000	53.21	239.68	239.68	0.10	0.51	11876.99	11876.99	5636.29	6240.70
10+35.000	66.22	298.59	298.59	0.00	0.26	12175.57	12175.57	5636.55	6539.02
10+40.000	70.35	341.43	341.43	0.00	0.00	12517.00	12517.00	5636.55	6880.45
10+45.000	64.89	338.37	338.37	0.00	0.00	12855.37	12855.37	5636.55	7218.82
10+50.000	60.30	312.57	312.57	0.00	0.00	13167.94	13167.94	5636.55	7531.39
10+55.000	56.52	292.07	292.07	0.00	0.00	13460.01	13460.01	5636.55	7823.46
10+60.000	53.47	275.00	275.00	0.00	0.00	13735.01	13735.01	5636.56	8098.45
10+65.000	50.38	259.64	259.64	0.00	0.00	13994.65	13994.65	5636.56	8358.08
10+70.000	46.98	243.40	243.40	0.00	0.00	14238.05	14238.05	5636.57	8601.48



10+75.000	43.51	225.24	225.24	0.00	0.00	14463.29	14463.29	5636.57	8826.72
10+80.000	41.60	209.93	209.93	0.19	0.36	14673.22	14673.22	5636.93	9036.29
10+85.000	39.98	203.94	203.94	0.56	1.89	14877.16	14877.16	5638.81	9238.34
10+90.000	38.23	195.54	195.54	0.99	3.87	15072.69	15072.69	5642.69	9430.01
10+95.000	37.61	189.61	189.61	0.38	3.42	15262.30	15262.30	5646.11	9616.20
11+00.000	40.93	196.34	196.34	0.00	0.95	15458.65	15458.65	5647.06	9811.59
11+05.000	42.88	209.51	209.51	0.06	0.16	15668.16	15668.16	5647.21	10020.95
11+10.000	44.62	218.73	218.73	0.00	0.16	15886.89	15886.89	5647.37	10239.52
11+15.000	42.52	217.84	217.84	0.06	0.15	16104.73	16104.73	5647.51	10457.21
11+20.000	41.68	210.49	210.49	0.00	0.15	16315.22	16315.22	5647.66	10667.56
11+25.000	40.18	198.69	198.69	0.08	0.23	16513.91	16513.91	5647.89	10866.02
11+30.000	40.66	202.10	202.10	0.00	0.19	16716.01	16716.01	5648.09	11067.92
11+35.000	40.69	203.38	203.38	0.00	0.00	16919.39	16919.39	5648.09	11271.30
11+40.000	38.67	198.39	198.39	0.09	0.22	17117.78	17117.78	5648.31	11469.47
11+45.000	37.81	191.18	191.18	0.06	0.38	17308.96	17308.96	5648.69	11660.28
11+50.000	35.67	183.68	183.68	0.22	0.71	17492.64	17492.64	5649.40	11843.24
11+55.000	33.70	173.41	173.41	0.57	1.98	17666.05	17666.05	5651.38	12014.67
11+60.000	32.22	164.78	164.78	0.84	3.52	17830.83	17830.83	5654.89	12175.94
11+65.000	31.25	158.66	158.66	0.77	4.03	17989.50	17989.50	5658.92	12330.57
11+70.000	31.73	157.44	157.44	0.75	3.82	18146.94	18146.94	5662.74	12484.20
11+75.000	33.35	162.70	162.70	0.65	3.52	18309.64	18309.64	5666.26	12643.38
11+80.000	35.75	172.76	172.76	0.55	3.00	18482.40	18482.40	5669.26	12813.14
11+85.000	36.58	180.83	180.83	0.89	3.60	18663.23	18663.23	5672.86	12990.37
11+90.000	39.83	191.02	191.02	0.79	4.21	18854.25	18854.25	5677.07	13177.18
11+95.000	42.40	205.58	205.58	0.48	3.18	19059.83	19059.83	5680.25	13379.58
12+00.000	46.55	222.39	222.39	0.15	1.58	19282.22	19282.22	5681.83	13600.39
12+05.000	52.27	247.06	247.06	0.05	0.50	19529.28	19529.28	5682.33	13846.96
12+10.000	55.83	270.24	270.24	0.00	0.12	19799.53	19799.53	5682.44	14117.09
12+15.000	59.24	287.66	287.66	0.03	0.06	20087.19	20087.19	5682.51	14404.68
12+20.000	60.75	299.97	299.97	0.07	0.23	20387.16	20387.16	5682.74	14704.42
12+25.000	56.10	342.80	342.80	0.03	0.05	20729.96	20729.96	5682.79	15047.17
12+30.000	45.66	268.86	268.86	0.00	0.04	20998.82	20998.82	5682.83	15315.99
12+35.000	38.85	222.61	222.61	0.00	0.00	21221.43	21221.43	5682.83	15538.60
12+40.000	32.46	180.78	180.78	0.00	0.00	21402.21	21402.21	5682.83	15719.38
12+45.000	27.51	147.24	147.24	0.00	0.00	21549.45	21549.45	5682.83	15866.62
12+50.000	24.83	122.40	122.40	0.02	0.02	21671.85	21671.85	5682.85	15989.00
12+55.000	22.26	117.72	117.72	0.03	0.13	21789.57	21789.57	5682.98	16106.59
12+60.000	19.32	103.93	103.93	0.03	0.14	21893.51	21893.51	5683.13	16210.38
12+65.000	16.44	88.38	88.38	0.00	0.06	21981.88	21981.88	5683.19	16298.69
12+70.000	13.37	74.54	74.54	0.00	0.02	22056.42	22056.42	5683.21	16373.21
12+75.000	12.77	65.35	65.35	0.14	0.38	22121.77	22121.77	5683.59	16438.18
12+80.000	11.37	60.35	60.35	0.64	1.96	22182.12	22182.12	5685.55	16496.57
12+85.000	10.76	55.35	55.35	0.58	3.04	22237.47	22237.47	5688.60	16548.87
12+90.000	12.31	57.68	57.68	0.38	2.39	22295.15	22295.15	5690.99	16604.16
12+95.000	13.28	63.97	63.97	0.26	1.61	22359.13	22359.13	5692.60	16666.53

13+00.000	13.98	68.16	68.16	0.18	1.11	22427.28	22427.28	5693.71	16733.58
13+05.000	14.99	73.31	73.31	0.11	0.80	22500.59	22500.59	5694.51	16806.08
13+10.000	17.01	79.99	79.99	0.05	0.40	22580.58	22580.58	5694.90	16885.68
13+15.000	19.08	90.23	90.23	0.02	0.16	22670.81	22670.81	5695.06	16975.75
13+20.000	21.08	100.40	100.40	0.03	0.12	22771.22	22771.22	5695.18	17076.03
13+25.000	22.73	109.51	109.51	0.09	0.30	22880.73	22880.73	5695.48	17185.25
13+30.000	24.78	118.78	118.78	0.00	0.21	22999.51	22999.51	5695.70	17303.81
13+35.000	26.47	128.12	128.12	0.00	0.00	23127.63	23127.63	5695.70	17431.93
13+40.000	27.85	135.78	135.78	0.00	0.02	23263.41	23263.41	5695.71	17567.70
13+45.000	29.28	142.81	142.81	0.04	0.11	23406.22	23406.22	5695.83	17710.39
13+50.000	30.54	149.54	149.54	0.05	0.21	23555.76	23555.76	5696.04	17859.72
13+55.000	32.15	155.97	155.97	0.06	0.26	23711.74	23711.74	5696.30	18015.44
13+60.000	33.78	164.84	164.84	0.03	0.22	23876.57	23876.57	5696.52	18180.06
13+65.000	35.09	172.19	172.19	0.00	0.07	24048.77	24048.77	5696.58	18352.18
13+70.000	35.69	176.96	176.96	0.06	0.16	24225.73	24225.73	5696.74	18528.99
13+75.000	35.73	178.55	178.55	0.00	0.16	24404.27	24404.27	5696.90	18707.37
13+80.000	35.80	178.82	178.82	0.00	0.00	24583.09	24583.09	5696.90	18886.19
13+85.000	33.61	173.52	173.52	0.00	0.00	24756.61	24756.61	5696.90	19059.71
13+90.000	31.98	163.97	163.97	0.00	0.00	24920.58	24920.58	5696.91	19223.68
13+95.000	31.20	155.71	155.71	0.00	0.00	25076.29	25076.29	5696.91	19379.39
14+00.000	30.91	155.28	155.28	0.00	0.00	25231.58	25231.58	5696.91	19534.67
14+05.000	31.32	155.58	155.58	0.20	0.50	25387.16	25387.16	5697.41	19689.75
14+10.000	31.76	157.69	157.69	0.30	1.26	25544.85	25544.85	5698.67	19846.18
14+15.000	32.10	159.64	159.64	0.35	1.63	25704.49	25704.49	5700.30	20004.19
14+20.000	32.92	162.56	162.56	0.54	2.23	25867.05	25867.05	5702.52	20164.53
14+25.000	36.36	177.03	177.03	0.93	3.31	26044.08	26044.08	5705.83	20338.25
14+30.000	39.44	196.39	196.39	0.53	3.00	26240.47	26240.47	5708.83	20531.65
14+35.000	40.62	200.15	200.15	0.13	1.64	26440.63	26440.63	5710.47	20730.16
14+40.000	41.30	204.79	204.79	0.01	0.35	26645.42	26645.42	5710.82	20934.60
14+45.000	41.23	210.01	210.01	0.00	0.03	26855.43	26855.43	5710.85	21144.58
14+50.000	37.16	199.16	199.16	0.00	0.02	27054.58	27054.58	5710.87	21343.72
14+55.000	33.07	175.56	175.56	0.03	0.09	27230.14	27230.14	5710.96	21519.19
14+60.000	28.64	158.69	158.69	0.00	0.06	27388.84	27388.84	5711.02	21677.82
14+65.000	23.03	133.61	133.61	0.00	0.00	27522.45	27522.45	5711.02	21811.43
14+70.000	17.28	100.78	100.78	0.26	0.65	27623.23	27623.23	5711.67	21911.56
14+75.000	12.16	72.77	72.77	0.54	1.78	27696.00	27696.00	5713.45	21982.55
14+80.000	8.41	50.16	50.16	0.83	2.83	27746.15	27746.15	5716.28	22029.88
14+85.000	6.02	34.80	34.80	0.99	3.82	27780.96	27780.96	5720.09	22060.86
14+90.000	4.60	26.25	26.25	1.16	5.20	27807.20	27807.20	5725.29	22081.91
14+95.000	3.70	20.76	20.76	1.83	7.47	27827.96	27827.96	5732.76	22095.20
15+00.000	3.16	17.15	17.15	3.50	13.32	27845.11	27845.11	5746.08	22099.03
15+05.000	2.95	14.38	14.38	8.37	32.17	27859.49	27859.49	5778.24	22081.24
15+10.000	2.50	12.61	12.61	10.54	52.34	27872.10	27872.10	5830.58	22041.52
15+15.000	3.82	14.76	14.76	5.94	45.05	27886.86	27886.86	5875.63	22011.23
15+20.000	5.01	22.07	22.07	3.35	23.23	27908.92	27908.92	5898.86	22010.06



15+25.000	5.97	27.43	27.43	2.04	13.47	27936.35	27936.35	5912.32	22024.03
15+30.000	6.42	30.96	30.96	1.45	8.72	27967.31	27967.31	5921.05	22046.26
15+35.000	3.98	25.99	25.99	2.87	10.81	27993.30	27993.30	5931.86	22061.44
15+40.000	2.30	15.70	15.70	4.10	17.43	28009.00	28009.00	5949.29	22059.70
15+45.000	2.12	11.06	11.06	3.29	18.47	28020.06	28020.06	5967.77	22052.29
15+50.000	2.77	12.23	12.23	1.56	12.13	28032.29	28032.29	5979.90	22052.39
15+55.000	3.45	15.55	15.55	0.51	5.19	28047.83	28047.83	5985.08	22062.75
15+60.000	5.80	23.11	23.11	0.19	1.74	28070.95	28070.95	5986.83	22084.12
15+65.000	6.60	30.98	30.98	0.00	0.49	28101.93	28101.93	5987.31	22114.62
15+70.000	6.82	33.53	33.53	0.48	1.23	28135.46	28135.46	5988.54	22146.92
15+75.000	7.65	36.16	36.16	0.65	2.82	28171.62	28171.62	5991.36	22180.25
15+80.000	7.06	36.76	36.76	1.58	5.56	28208.38	28208.38	5996.92	22211.45
15+85.000	4.81	29.66	29.66	3.19	11.91	28238.04	28238.04	6008.83	22229.20
15+90.000	5.31	25.30	25.30	2.92	15.26	28263.33	28263.33	6024.09	22239.24
15+95.000	5.92	28.06	28.06	1.40	10.79	28291.39	28291.39	6034.88	22256.51

1+00.000	0.00	1.91	1.91	4.94	18.93	1907.24	1907.24	40.46	1866.78
1+05.000	0.00	0.00	0.00	8.57	33.79	1907.24	1907.24	74.26	1832.98
1+10.000	0.00	0.00	0.00	11.63	50.52	1907.24	1907.24	124.78	1782.46
1+15.000	0.00	0.00	0.00	11.13	56.92	1907.24	1907.24	181.70	1725.54
1+20.000	0.00	0.00	0.00	10.63	54.40	1907.24	1907.24	236.10	1671.14
1+25.000	0.30	0.75	0.75	10.88	53.76	1907.99	1907.99	289.86	1618.13
1+30.000	0.00	0.75	0.75	13.55	61.06	1908.73	1908.73	350.92	1557.81
1+35.000	0.00	0.00	0.00	13.45	67.48	1908.73	1908.73	418.40	1490.33
1+40.000	0.73	1.83	1.83	6.77	50.53	1910.57	1910.57	468.93	1441.63
1+45.000	0.92	4.13	4.13	5.39	30.39	1914.69	1914.69	499.33	1415.37
1+50.000	0.52	3.60	3.60	4.33	24.31	1918.30	1918.30	523.63	1394.66
1+55.000	0.74	3.15	3.15	4.34	21.69	1921.45	1921.45	545.32	1376.13
1+60.000	0.27	2.52	2.52	5.40	24.35	1923.97	1923.97	569.67	1354.29
1+65.000	0.00	0.68	0.68	6.48	29.71	1924.64	1924.64	599.38	1325.26
1+70.000	0.00	0.00	0.00	7.60	35.20	1924.64	1924.64	634.59	1290.06
1+75.000	0.00	0.00	0.00	5.09	31.71	1924.64	1924.64	666.30	1258.35
1+80.000	2.13	5.32	5.32	2.49	18.94	1929.97	1929.97	685.24	1244.73
1+85.000	1.31	8.59	8.59	2.93	13.54	1938.56	1938.56	698.78	1239.78
1+90.000	0.53	4.60	4.60	3.57	16.24	1943.16	1943.16	715.02	1228.14
1+95.000	0.02	1.38	1.38	4.59	20.38	1944.54	1944.54	735.40	1209.14
2+00.000	0.23	-0.46	-0.46	4.93	24.25	1944.08	1944.08	759.65	1184.43
2+05.000	0.05	0.70	0.70	4.32	23.12	1944.78	1944.78	782.77	1162.01
2+10.000	1.31	2.48	2.48	2.10	16.17	1947.26	1947.26	798.94	1148.33
2+15.000	1.48	6.97	6.97	1.47	8.93	1954.23	1954.23	807.86	1146.37
2+20.000	0.49	5.88	5.88	1.14	6.45	1960.11	1960.11	814.32	1145.80
2+25.000	2.45	4.74	4.74	0.54	4.39	1964.85	1964.85	818.70	1146.15
2+30.000	4.21	15.20	15.20	0.12	1.68	1980.05	1980.05	820.38	1159.67
2+35.000	3.30	21.72	21.72	0.14	0.61	2001.77	2001.77	820.99	1180.77
2+40.000	1.78	12.70	12.70	0.99	2.81	2014.47	2014.47	823.80	1190.67
2+45.000	1.10	6.44	6.44	1.62	6.35	2020.91	2020.91	830.15	1190.76
2+50.000	2.14	6.58	6.58	0.62	5.48	2027.49	2027.49	835.63	1191.86
2+55.000	2.67	10.58	10.58	0.26	2.28	2038.07	2038.07	837.91	1200.15
2+60.000	4.23	17.26	17.26	0.13	0.97	2055.33	2055.33	838.88	1216.44
2+65.000	6.77	27.51	27.51	0.00	0.32	2082.83	2082.83	839.21	1243.62
2+70.000	7.84	34.51	34.51	0.02	0.06	2117.34	2117.34	839.27	1278.07
2+75.000	8.92	41.91	41.91	0.00	0.06	2159.25	2159.25	839.33	1319.92
2+80.000	6.61	31.74	31.74	1.14	4.04	2191.00	2191.00	843.37	1347.63
2+85.000	6.21	26.28	26.28	1.31	8.51	2217.27	2217.27	851.88	1365.40
2+90.000	7.09	41.13	41.13	1.01	2.55	2258.40	2258.40	854.42	1403.98
2+95.000	7.20	35.71	35.71	0.86	4.69	2294.12	2294.12	859.11	1435.00
3+00.000	5.18	30.95	30.95	1.30	5.40	2325.07	2325.07	864.51	1460.56
3+05.000	2.73	19.78	19.78	2.69	9.96	2344.85	2344.85	874.47	1470.37
3+10.000	2.39	9.21	9.21	3.40	22.31	2354.06	2354.06	896.78	1457.27
3+15.000	2.45	12.11	12.11	2.33	14.33	2366.16	2366.16	911.11	1455.05
3+20.000	4.16	16.51	16.51	1.45	9.45	2382.67	2382.67	920.57	1462.11

Senda 2:

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Volumen reutilizable (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. desmonte acumul. (metros cúbicos)	Vol. reutilizable acumul. (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)	Vol. neto acumul. (pies cúbicos)
0+05.000	11.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0+10.000	16.70	70.43	70.43	0.00	0.00	70.43	70.43	0.00	70.43
0+15.000	21.09	94.47	94.47	0.00	0.00	164.89	164.89	0.00	164.89
0+20.000	24.80	114.72	114.72	0.00	0.00	279.61	279.61	0.00	279.61
0+25.000	26.77	128.93	128.93	0.00	0.00	408.54	408.54	0.00	408.53
0+30.000	27.05	134.56	134.56	0.00	0.00	543.10	543.10	0.01	543.09
0+35.000	27.37	136.04	136.04	0.00	0.02	679.15	679.15	0.03	679.12
0+40.000	27.47	137.08	137.08	0.00	0.01	816.22	816.22	0.04	816.18
0+45.000	27.45	137.29	137.29	0.00	0.00	953.51	953.51	0.04	953.47
0+50.000	32.30	149.37	149.37	0.02	0.04	1102.88	1102.88	0.08	1102.79
0+55.000	27.26	160.36	160.36	0.00	0.07	1263.23	1263.23	0.15	1263.08
0+60.000	24.17	128.57	128.57	0.00	0.01	1391.81	1391.81	0.16	1391.64
0+65.000	22.35	116.30	116.30	0.00	0.03	1508.11	1508.11	0.19	1507.91
0+70.000	21.94	110.74	110.74	0.00	0.03	1618.85	1618.85	0.22	1618.63
0+75.000	21.49	108.57	108.57	0.00	0.00	1727.42	1727.42	0.23	1727.19
0+80.000	14.20	89.23	89.23	0.51	1.27	1816.65	1816.65	1.50	1815.15
0+85.000	7.57	54.43	54.43	0.92	3.57	1871.08	1871.08	5.07	1866.01
0+90.000	2.68	25.63	25.63	1.52	6.10	1896.71	1896.71	11.17	1885.54
0+95.000	0.76	8.62	8.62	2.63	10.37	1905.33	1905.33	21.53	1883.80



3+25.000	6.87	27.56	27.56	0.87	5.80	2410.24	2410.24	926.37	1483.87
3+30.000	6.64	33.77	33.77	1.16	5.09	2444.01	2444.01	931.46	1512.55
3+35.000	10.23	42.16	42.16	0.03	2.98	2486.16	2486.16	934.43	1551.73
3+40.000	8.09	64.77	64.77	1.03	2.41	2550.94	2550.94	936.85	1614.09
3+45.000	4.02	30.27	30.27	1.30	5.82	2581.20	2581.20	942.67	1638.53
3+50.000	1.63	14.12	14.12	3.12	11.06	2595.32	2595.32	953.73	1641.59
3+55.000	0.75	5.93	5.93	6.05	22.93	2601.25	2601.25	976.66	1624.59
3+60.000	0.35	2.73	2.73	8.50	36.37	2603.99	2603.99	1013.03	1590.96
3+65.000	0.14	1.23	1.23	10.12	46.55	2605.22	2605.22	1059.58	1545.64
3+70.000	0.03	0.44	0.44	11.74	54.65	2605.65	2605.65	1114.22	1491.43
3+75.000	0.00	0.08	0.08	12.27	60.01	2605.73	2605.73	1174.23	1431.49
3+80.000	0.00	0.00	0.00	15.07	68.34	2605.73	2605.73	1242.57	1363.16
3+85.000	0.00	0.00	0.00	17.45	81.29	2605.73	2605.73	1323.86	1281.87
3+90.000	0.00	0.00	0.00	18.52	89.92	2605.73	2605.73	1413.78	1191.95
3+95.000	0.00	0.00	0.00	16.59	87.78	2605.73	2605.73	1501.55	1104.18
4+00.000	1.44	3.61	3.61	10.28	67.18	2609.34	2609.34	1568.73	1040.61
4+05.000	2.56	10.02	10.02	7.86	45.34	2619.35	2619.35	1614.07	1005.28
4+10.000	5.01	18.94	18.94	7.08	37.34	2638.30	2638.30	1651.41	986.89
4+15.000	8.38	33.48	33.48	5.58	31.66	2671.78	2671.78	1683.07	988.71
4+20.000	11.80	50.45	50.45	3.58	22.90	2722.23	2722.23	1705.97	1016.26
4+25.000	10.83	56.56	56.56	2.76	15.85	2778.79	2778.79	1721.81	1056.98
4+30.000	8.48	48.27	48.27	3.18	14.86	2827.06	2827.06	1736.67	1090.38
4+35.000	6.39	37.17	37.17	3.94	17.81	2864.23	2864.23	1754.48	1109.75
4+40.000	4.54	27.33	27.33	4.42	20.89	2891.56	2891.56	1775.37	1116.18
4+45.000	3.00	18.86	18.86	4.16	21.46	2910.42	2910.42	1796.83	1113.59
4+50.000	2.17	13.98	13.98	2.54	14.68	2924.39	2924.39	1811.51	1112.88
4+55.000	1.69	9.66	9.66	2.49	12.56	2934.05	2934.05	1824.07	1109.98
4+60.000	1.09	6.95	6.95	3.19	14.19	2941.00	2941.00	1838.27	1102.73
4+65.000	0.48	3.91	3.91	4.82	20.02	2944.91	2944.91	1858.29	1086.62
4+70.000	0.12	1.48	1.48	6.76	28.94	2946.39	2946.39	1887.23	1059.16
4+75.000	0.00	0.29	0.29	8.51	38.17	2946.68	2946.68	1925.40	1021.28
4+80.000	0.00	0.00	0.00	8.67	42.96	2946.68	2946.68	1968.37	978.31
4+85.000	0.00	0.00	0.00	8.53	43.00	2946.68	2946.68	2011.37	935.31
4+90.000	0.00	0.00	0.00	8.29	42.05	2946.68	2946.68	2053.42	893.26
4+95.000	0.00	0.00	0.00	7.92	40.54	2946.68	2946.68	2093.96	852.72
5+00.000	0.00	0.00	0.00	5.28	32.99	2946.68	2946.68	2126.95	819.73
5+05.000	2.15	5.36	5.36	0.25	13.82	2952.04	2952.04	2140.77	811.27
5+10.000	8.37	26.30	26.30	0.05	0.77	2978.34	2978.34	2141.55	836.79
5+15.000	8.67	47.00	47.00	0.12	0.16	3025.34	3025.34	2141.71	883.63
5+20.000	6.08	36.86	36.86	0.27	0.98	3062.20	3062.20	2142.69	919.52
5+25.000	6.00	30.18	30.18	0.16	1.08	3092.39	3092.39	2143.77	948.62
5+30.000	6.30	30.75	30.75	0.37	1.35	3123.14	3123.14	2145.11	978.02
5+35.000	7.89	46.18	46.18	0.08	-0.22	3169.32	3169.32	2144.90	1024.42
5+40.000	6.10	28.93	28.93	0.15	0.63	3198.25	3198.25	2145.52	1052.73
5+45.000	6.01	30.26	30.26	0.46	1.53	3228.51	3228.51	2147.05	1081.46

5+50.000	5.84	27.32	27.32	0.08	1.67	3255.83	3255.83	2148.72	1107.11
5+55.000	8.11	34.88	34.88	0.03	0.26	3290.71	3290.71	2148.97	1141.74
5+60.000	8.84	44.00	44.00	0.00	0.07	3334.71	3334.71	2149.05	1185.66
5+65.000	9.52	45.91	45.91	0.00	0.00	3380.62	3380.62	2149.05	1231.57
5+70.000	7.09	41.54	41.54	0.00	0.00	3422.15	3422.15	2149.05	1273.11
5+75.000	5.14	31.10	31.10	0.00	0.00	3453.25	3453.25	2149.05	1304.20
5+80.000	5.91	27.64	27.64	0.00	0.00	3480.89	3480.89	2149.05	1331.84
5+85.000	6.17	30.21	30.21	0.00	0.00	3511.10	3511.10	2149.05	1362.05
5+90.000	5.37	28.86	28.86	0.00	0.00	3539.96	3539.96	2149.05	1390.91
5+95.000	3.56	22.33	22.33	0.00	0.00	3562.30	3562.30	2149.05	1413.25
6+00.000	3.08	15.33	15.33	0.01	0.01	3577.62	3577.62	2149.06	1428.56
6+05.000	2.33	13.52	13.52	0.07	0.20	3591.15	3591.15	2149.26	1441.88
6+10.000	1.64	9.90	9.90	0.00	0.19	3601.05	3601.05	2149.45	1451.60
6+15.000	1.32	6.85	6.85	0.16	0.43	3607.90	3607.90	2149.88	1458.02
6+20.000	0.37	4.24	4.24	0.30	1.14	3612.14	3612.14	2151.02	1461.12
6+25.000	0.04	1.04	1.04	0.72	2.53	3613.17	3613.17	2153.55	1459.62
6+30.000	0.03	0.17	0.17	1.40	5.30	3613.34	3613.34	2158.85	1454.48
6+35.000	0.01	0.10	0.10	2.25	9.14	3613.43	3613.43	2167.99	1445.44
6+40.000	0.00	0.04	0.04	3.25	13.75	3613.47	3613.47	2181.74	1431.73
6+45.000	0.00	0.00	0.00	4.19	18.35	3613.47	3613.47	2200.10	1413.38
6+50.000	0.00	0.00	0.00	3.93	20.29	3613.47	3613.47	2220.39	1393.08
6+55.000	0.14	0.34	0.34	3.23	17.90	3613.81	3613.81	2238.29	1375.52
6+60.000	0.87	2.52	2.52	3.35	16.44	3616.33	3616.33	2254.74	1361.59
6+65.000	1.08	4.88	4.88	3.31	16.64	3621.21	3621.21	2271.38	1349.83
6+70.000	0.83	4.78	4.78	3.05	15.89	3625.99	3625.99	2287.27	1338.71
6+75.000	0.73	3.63	3.63	2.25	13.18	3629.62	3629.62	2300.45	1329.17
6+80.000	0.89	4.06	4.06	1.33	8.94	3633.68	3633.68	2309.39	1324.29
6+85.000	1.57	6.16	6.16	0.52	4.62	3639.83	3639.83	2314.01	1325.82
6+90.000	2.88	10.16	10.16	0.00	1.28	3649.99	3649.99	2315.29	1334.70
6+95.000	3.49	15.91	15.91	0.00	0.00	3665.91	3665.91	2315.29	1350.61
7+00.000	3.66	17.87	17.87	0.00	0.00	3683.77	3683.77	2315.29	1368.48
7+05.000	3.94	18.99	18.99	0.00	0.00	3702.76	3702.76	2315.29	1387.47
7+10.000	4.49	21.06	21.06	0.00	0.00	3723.82	3723.82	2315.29	1408.53
7+15.000	4.88	23.08	23.08	0.00	0.00	3746.90	3746.90	2315.29	1431.61
7+20.000	5.39	25.68	25.68	0.00	0.00	3772.59	3772.59	2315.29	1457.29
7+25.000	5.77	27.88	27.88	0.00	0.00	3800.47	3800.47	2315.29	1485.18
7+30.000	7.10	34.08	34.08	0.00	0.00	3834.55	3834.55	2315.29	1519.26
7+35.000	8.01	37.77	37.77	0.00	0.00	3872.33	3872.33	2315.29	1557.03
7+40.000	8.52	41.31	41.31	0.00	0.00	3913.64	3913.64	2315.29	1598.35
7+45.000	7.76	48.63	48.63	0.00	0.00	3962.27	3962.27	2315.29	1646.98
7+50.000	8.29	40.13	40.13	0.00	0.00	4002.40	4002.40	2315.29	1687.11
7+55.000	10.21	46.26	46.26	0.00	0.00	4048.66	4048.66	2315.29	1733.37
7+60.000	8.52	47.22	47.22	0.40	1.01	4095.88	4095.88	2316.30	1779.58
7+65.000	6.53	37.62	37.62	0.75	2.89	4133.50	4133.50	2319.19	1814.32
7+70.000	3.54	25.17	25.17	1.08	4.58	4158.67	4158.67	2323.77	1834.91



7+75.000	3.61	18.45	18.45	0.75	4.85	4177.12	4177.12	2328.62	1848.50
7+80.000	2.81	15.89	15.89	0.55	3.41	4193.01	4193.01	2332.03	1860.98
7+85.000	3.04	14.61	14.61	0.66	3.04	4207.62	4207.62	2335.07	1872.55
7+90.000	3.84	17.18	17.18	0.05	1.78	4224.80	4224.80	2336.84	1887.95
7+95.000	3.52	17.01	17.01	0.18	0.60	4241.81	4241.81	2337.44	1904.37
8+00.000	3.20	16.79	16.79	0.38	1.41	4258.60	4258.60	2338.85	1919.75
8+05.000	1.50	11.76	11.76	0.78	2.89	4270.36	4270.36	2341.74	1928.62
8+10.000	0.64	5.36	5.36	1.28	5.14	4275.72	4275.72	2346.88	1928.84
8+15.000	0.29	1.57	1.57	1.82	8.15	4277.29	4277.29	2355.03	1922.26
8+20.000	2.01	3.10	3.10	2.72	15.75	4280.39	4280.39	2370.78	1909.61
8+25.000	5.29	16.57	16.57	0.31	8.79	4296.96	4296.96	2379.56	1917.40
8+30.000	9.91	38.00	38.00	0.00	0.77	4334.96	4334.96	2380.34	1954.63
8+35.000	16.02	64.85	64.85	0.00	0.00	4399.81	4399.81	2380.34	2019.47
8+40.000	19.53	93.96	93.96	0.00	0.00	4493.77	4493.77	2380.34	2113.43
8+45.000	18.30	101.52	101.52	0.01	0.03	4595.29	4595.29	2380.37	2214.91
8+50.000	14.20	81.27	81.27	0.03	0.11	4676.56	4676.56	2380.49	2296.07
8+55.000	7.63	54.50	54.50	4.60	21.80	4731.06	4731.06	2402.28	2328.78
8+60.000	3.73	28.39	28.39	6.20	27.00	4759.45	4759.45	2429.28	2330.17
8+65.000	2.90	16.58	16.58	8.35	36.37	4776.03	4776.03	2465.65	2310.38
8+70.000	2.94	12.69	12.69	5.64	44.66	4788.72	4788.72	2510.31	2278.41
8+75.000	3.25	15.47	15.47	2.44	20.20	4804.19	4804.19	2530.51	2273.68
8+80.000	3.65	17.25	17.25	1.72	10.40	4821.43	4821.43	2540.91	2280.53
8+85.000	2.90	15.02	15.02	1.94	11.21	4836.45	4836.45	2552.11	2284.34
8+90.000	2.40	13.24	13.24	2.37	10.79	4849.69	4849.69	2562.91	2286.78
8+95.000	1.86	12.10	12.10	3.21	10.84	4861.79	4861.79	2573.75	2288.04
9+00.000	1.70	8.91	8.91	3.79	17.49	4870.69	4870.69	2591.23	2279.46
9+05.000	1.48	7.94	7.94	4.48	20.68	4878.64	4878.64	2611.91	2266.72
9+10.000	1.13	7.32	7.32	5.65	22.33	4885.96	4885.96	2634.24	2251.72
9+15.000	0.89	5.05	5.05	7.07	31.80	4891.01	4891.01	2666.04	2224.96
9+20.000	1.44	5.81	5.81	5.72	31.98	4896.82	4896.82	2698.02	2198.80
9+25.000	2.13	8.92	8.92	4.29	25.01	4905.73	4905.73	2723.03	2182.71
9+30.000	2.10	10.58	10.58	3.68	19.91	4916.32	4916.32	2742.93	2173.39
9+35.000	3.30	13.51	13.51	3.03	16.77	4929.83	4929.83	2759.70	2170.13
9+40.000	4.95	18.22	18.22	1.90	16.03	4948.05	4948.05	2775.72	2172.33
9+45.000	2.31	18.16	18.16	2.58	11.21	4966.21	4966.21	2786.93	2179.28
9+50.000	1.43	9.36	9.36	3.17	14.37	4975.57	4975.57	2801.31	2174.26
9+55.000	1.17	5.44	5.44	3.32	19.48	4981.00	4981.00	2820.78	2160.22
9+60.000	0.88	5.14	5.14	3.13	16.13	4986.14	4986.14	2836.91	2149.22
9+65.000	0.92	4.50	4.50	2.40	13.83	4990.64	4990.64	2850.74	2139.90
9+70.000	2.05	7.90	7.90	1.81	10.86	4998.54	4998.54	2861.61	2136.94
9+75.000	4.64	16.73	16.73	0.97	6.95	5015.27	5015.27	2868.56	2146.71
9+80.000	7.00	29.12	29.12	0.43	3.49	5044.39	5044.39	2872.05	2172.34
9+85.000	9.89	42.97	42.97	0.26	0.86	5087.36	5087.36	2872.90	2214.46
9+90.000	8.91	45.15	45.15	0.22	1.98	5132.51	5132.51	2874.88	2257.62
9+95.000	10.45	44.32	44.32	0.00	0.86	5176.82	5176.82	2875.75	2301.08

10+00.000	8.80	40.96	40.96	0.00	-0.00	5217.78	5217.78	2875.74	2342.04
10+05.000	7.37	40.05	40.05	0.02	0.01	5257.84	5257.84	2875.75	2382.08
10+10.000	6.25	33.85	33.85	0.00	0.03	5291.69	5291.69	2875.79	2415.90
10+15.000	4.63	27.20	27.20	0.06	0.16	5318.89	5318.89	2875.94	2442.95
10+20.000	3.35	19.94	19.94	0.13	0.48	5338.83	5338.83	2876.43	2462.40
10+25.000	3.29	16.58	16.58	0.30	1.09	5355.41	5355.41	2877.51	2477.90
10+30.000	2.23	13.79	13.79	1.58	4.70	5369.21	5369.21	2882.21	2486.99
10+35.000	1.85	10.20	10.20	3.14	11.78	5379.40	5379.40	2894.00	2485.41
10+40.000	1.89	9.34	9.34	4.05	17.96	5388.75	5388.75	2911.95	2476.79
10+45.000	2.56	11.11	11.11	3.59	19.09	5399.85	5399.85	2931.04	2468.81
10+50.000	4.68	18.10	18.10	2.05	14.11	5417.95	5417.95	2945.15	2472.80
10+55.000	6.71	28.47	28.47	1.13	7.95	5446.43	5446.43	2953.10	2493.33
10+60.000	7.16	32.04	32.04	2.38	10.32	5478.47	5478.47	2963.42	2515.05
10+65.000	8.46	39.05	39.05	1.69	10.17	5517.52	5517.52	2973.58	2543.93
10+70.000	7.38	39.61	39.61	1.87	8.90	5557.12	5557.12	2982.48	2574.64
10+75.000	6.65	35.08	35.08	2.56	11.08	5592.20	5592.20	2993.56	2598.64
10+80.000	5.38	30.08	30.08	3.35	14.78	5622.28	5622.28	3008.34	2613.94
10+85.000	4.83	20.45	20.45	3.50	24.16	5642.73	5642.73	3032.50	2610.23
10+90.000	6.63	28.63	28.63	1.83	13.31	5671.36	5671.36	3045.81	2625.55
10+95.000	4.39	27.55	27.55	2.80	11.58	5698.91	5698.91	3057.39	2641.52
11+00.000	4.47	22.15	22.15	1.72	11.31	5721.06	5721.06	3068.69	2652.36
11+05.000	5.20	18.13	18.13	0.32	8.24	5739.19	5739.19	3076.93	2662.25

Senda hacia la cala O Porto:

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Volumen reutilizable (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. desmonte acumul. (metros cúbicos)	Vol. reutilizable acumul. (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)	Vol. neto acumul. (pies cúbicos)
0+05.000	4.10	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
0+10.000	4.08	24.40	24.40	0.03	0.05	24.40	24.40	0.05	24.35
0+15.000	5.00	22.69	22.69	0.14	0.44	47.09	47.09	0.48	46.60
0+20.000	3.89	23.71	23.71	1.20	2.56	70.80	70.80	3.04	67.76
0+25.000	1.85	14.35	14.35	2.38	8.93	85.15	85.15	11.98	73.17
0+30.000	2.01	10.98	10.98	4.47	13.43	96.12	96.12	25.41	70.71
0+35.000	2.04	10.13	10.13	2.97	18.60	106.25	106.25	44.01	62.24
0+40.000	1.52	8.90	8.90	1.10	10.16	115.15	115.15	54.17	60.98
0+45.000	4.42	14.85	14.85	0.63	4.32	130.00	130.00	58.49	71.51
0+50.000	8.13	31.36	31.36	0.74	3.42	161.36	161.36	61.91	99.45
0+55.000	10.59	46.80	46.80	0.64	3.45	208.16	208.16	65.36	142.80
0+60.000	7.06	46.40	46.40	6.49	24.72	254.56	254.56	90.09	164.48
0+65.000	8.92	39.96	39.96	7.57	35.15	294.52	294.52	125.23	169.28
0+70.000	8.94	44.66	44.66	2.61	25.45	339.17	339.17	150.68	188.49
0+75.000	10.67	63.49	63.49	0.65	3.06	402.66	402.66	153.74	248.92



0+80.000	6.74	47.64	47.64	0.01	0.88	450.31	450.31	154.62	295.68
0+85.000	2.98	22.27	22.27	1.33	4.34	472.57	472.57	158.96	313.61
0+90.000	0.06	7.58	7.58	2.94	10.68	480.15	480.15	169.64	310.51
0+95.000	2.17	5.57	5.57	0.66	9.01	485.72	485.72	178.65	307.07
1+00.000	9.38	29.82	29.82	0.00	1.68	515.54	515.54	180.32	335.22
1+05.000	9.68	49.41	49.41	0.33	0.73	564.95	564.95	181.06	383.89

Aparcamiento:

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Volumen reutilizable (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. desmonte acumul. (metros cúbicos)	Vol. reutilizable acumul. (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)	Vol. neto acumul. (pies cúbicos)
0+05.000	1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0+10.000	2.70	11.69	11.69	0.02	0.05	11.69	11.69	0.05	11.64
0+15.000	3.73	16.08	16.08	0.19	0.51	27.76	27.76	0.56	27.20
0+20.000	2.69	16.07	16.07	0.61	1.99	43.83	43.83	2.55	41.28
0+25.000	0.72	8.52	8.52	2.17	6.94	52.36	52.36	9.50	42.86
0+30.000	0.36	2.70	2.70	6.08	20.63	55.06	55.06	30.13	24.92
0+35.000	0.19	1.39	1.39	10.80	42.21	56.45	56.45	72.34	-15.89
0+40.000	0.08	0.68	0.68	16.08	67.20	57.13	57.13	139.54	-82.41
0+45.000	0.00	0.19	0.19	13.85	74.82	57.32	57.32	214.36	-157.04
0+50.000	0.00	0.00	0.00	2.83	41.69	57.32	57.32	256.05	-198.73

1.2 Zona 2

Merendero 1:

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Volumen reutilizable (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. desmonte acumul. (metros cúbicos)	Vol. reutilizable acumul. (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)	Vol. neto acumul. (pies cúbicos)
0+05.000	3.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0+10.000	3.31	15.78	15.78	0.00	0.00	15.78	15.78	0.00	15.78
0+15.000	3.31	16.54	16.54	0.00	0.00	32.33	32.33	0.00	32.33
0+20.000	3.65	17.41	17.41	0.00	0.00	49.73	49.73	0.00	49.73
0+25.000	3.80	18.63	18.63	0.00	0.00	68.37	68.37	0.00	68.37
0+30.000	3.52	18.29	18.29	0.00	0.00	86.66	86.66	0.00	86.66
0+35.000	3.00	16.28	16.28	0.00	0.00	102.94	102.94	0.00	102.94
0+40.000	2.33	13.31	13.31	0.00	0.00	116.25	116.25	0.00	116.25
0+45.000	1.64	9.92	9.92	0.00	0.00	126.17	126.17	0.00	126.17
0+50.000	0.91	6.37	6.37	0.00	0.00	132.54	132.54	0.00	132.54

Merendero 2:

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Volumen reutilizable (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. desmonte acumul. (metros cúbicos)	Vol. reutilizable acumul. (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)	Vol. neto acumul. (pies cúbicos)
0+05.000	7.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0+10.000	42.43	125.64	125.64	0.00	0.00	125.64	125.64	0.00	125.64
0+15.000	37.86	200.75	200.75	0.00	0.00	326.38	326.38	0.00	326.38
0+20.000	23.19	152.63	152.63	0.39	0.99	479.01	479.01	0.99	478.02
0+25.000	8.57	79.40	79.40	6.79	17.97	558.41	558.41	18.95	539.46
0+30.000	0.00	21.44	21.44	13.84	51.59	579.85	579.85	70.54	509.31
0+35.000	0.00	0.00	0.00	17.17	77.54	579.85	579.85	148.08	431.77
0+40.000	0.00	0.00	0.00	18.68	89.62	579.85	579.85	237.70	342.15
0+45.000	0.00	0.00	0.00	18.37	92.60	579.85	579.85	330.30	249.55
0+50.000	0.00	0.00	0.00	16.01	85.93	579.85	579.85	416.23	163.62
0+55.000	0.00	0.00	0.00	6.70	56.77	579.85	579.85	473.00	106.85

Aparcamiento:

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Volumen reutilizable (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. desmonte acumul. (metros cúbicos)	Vol. reutilizable acumul. (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)	Vol. neto acumul. (pies cúbicos)
0+05.000	155.61	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
0+10.000	331.02	1216.58	1216.58	0.05	0.16	1216.58	1216.58	0.16	1216.42
0+15.000	487.73	2046.90	2046.90	0.00	0.12	3263.48	3263.48	0.28	3263.20
0+20.000	472.98	2401.79	2401.79	0.00	0.00	5665.27	5665.27	0.28	5664.99
0+25.000	452.34	2313.30	2313.30	0.00	0.00	7978.57	7978.57	0.28	7978.29
0+30.000	422.73	2187.65	2187.65	0.00	0.00	10166.22	10166.22	0.28	10165.94
0+35.000	390.99	2034.30	2034.30	0.00	0.00	12200.52	12200.52	0.28	12200.23
0+40.000	356.84	1869.58	1869.58	0.00	0.00	14070.10	14070.10	0.28	14069.81
0+45.000	321.56	1696.00	1696.00	0.00	0.00	15766.09	15766.09	0.28	15765.81
0+50.000	284.78	1515.85	1515.85	0.00	0.00	17281.95	17281.95	0.28	17281.66
0+55.000	245.94	1326.80	1326.80	0.10	0.24	18608.75	18608.75	0.52	18608.23
0+60.000	209.06	1137.50	1137.50	0.95	2.60	19746.25	19746.25	3.13	19743.13
0+65.000	174.97	960.07	960.07	2.02	7.42	20706.32	20706.32	10.55	20695.77
0+70.000	144.08	797.60	797.60	2.80	12.06	21503.92	21503.92	22.60	21481.32
0+75.000	113.65	644.32	644.32	3.86	16.66	22148.24	22148.24	39.26	22108.98
0+80.000	80.86	486.28	486.28	5.37	23.09	22634.52	22634.52	62.35	22572.17



0+85.000	48.42	323.21	323.21	7.29	31.66	22957.73	22957.73	94.02	22863.71
0+90.000	21.03	173.63	173.63	12.58	49.67	23131.36	23131.36	143.68	22987.68
0+95.000	2.34	58.43	58.43	25.54	95.28	23189.79	23189.79	238.96	22950.83
1+00.000	1.92	10.67	10.67	6.42	79.89	23200.46	23200.46	318.85	22881.61

Senda Santa Comba:

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Volumen reutilizable (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. desmonte acumul. (metros cúbicos)	Vol. reutilizable acumul. (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)	Vol. neto acumul. (pies cúbicos)
0+05.000	10.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0+10.000	14.92	71.90	71.90	0.00	0.00	71.90	71.90	0.00	71.90
0+15.000	12.41	69.84	69.84	0.00	0.00	141.74	141.74	0.00	141.74
0+20.000	11.08	58.66	58.66	0.11	0.45	200.40	200.40	0.45	199.96
0+25.000	9.25	50.84	50.84	0.29	0.99	251.24	251.24	1.44	249.80
0+30.000	7.61	42.16	42.16	0.36	1.62	293.40	293.40	3.06	290.34
0+35.000	5.91	34.08	34.08	3.12	22.36	327.48	327.48	25.42	302.06
0+40.000	3.91	24.55	24.55	3.61	16.84	352.03	352.03	42.26	309.77
0+45.000	2.07	14.95	14.95	3.81	18.56	366.99	366.99	60.82	306.16
0+50.000	0.68	6.87	6.87	4.22	20.07	373.85	373.85	80.89	292.96
0+55.000	0.10	1.94	1.94	5.14	23.39	375.80	375.80	104.29	271.51
0+60.000	0.04	0.32	0.32	5.29	30.96	376.12	376.12	135.24	240.88
0+65.000	0.00	0.11	0.11	8.42	34.28	376.23	376.23	169.52	206.71
0+70.000	0.00	0.00	0.00	8.98	38.07	376.23	376.23	207.59	168.65
0+75.000	0.00	0.01	0.01	4.97	34.87	376.25	376.25	242.46	133.79
0+80.000	1.30	3.26	3.26	2.03	17.51	379.51	379.51	259.97	119.54
0+85.000	5.21	16.27	16.27	0.88	7.29	395.78	395.78	267.25	128.52
0+90.000	9.45	36.43	36.43	0.45	2.37	432.20	432.20	269.62	162.58
0+95.000	11.74	52.97	52.97	0.09	1.35	485.18	485.18	270.97	214.21
1+00.000	12.93	61.69	61.69	0.00	0.23	546.87	546.87	271.20	275.67
1+05.000	13.54	66.17	66.17	0.00	0.00	613.03	613.03	271.20	341.84
1+10.000	14.38	69.79	69.79	0.00	0.00	682.83	682.83	271.20	411.63
1+15.000	15.39	74.42	74.42	0.00	0.00	757.25	757.25	271.20	486.05
1+20.000	16.49	79.70	79.70	0.00	0.00	836.95	836.95	271.20	565.75
1+25.000	17.46	84.88	84.88	0.00	0.00	921.82	921.82	271.20	650.63
1+30.000	18.75	88.88	88.88	0.00	0.00	1010.71	1010.71	271.20	739.51
1+35.000	19.80	96.35	96.35	0.00	0.00	1107.06	1107.06	271.20	835.86
1+40.000	20.14	99.83	99.83	0.00	0.00	1206.89	1206.89	271.20	935.69
1+45.000	19.83	99.91	99.91	0.00	0.00	1306.80	1306.80	271.20	1035.60
1+50.000	18.93	94.86	94.86	0.00	0.00	1401.66	1401.66	271.20	1130.46
1+55.000	17.11	90.11	90.11	0.00	0.00	1491.77	1491.77	271.20	1220.57
1+60.000	14.64	79.38	79.38	0.06	0.16	1571.15	1571.15	271.35	1299.79
1+65.000	11.95	66.48	66.48	1.06	2.82	1637.62	1637.62	274.17	1363.45

1+70.000	10.29	54.58	54.58	3.19	17.09	1692.20	1692.20	291.26	1400.94
1+75.000	7.99	45.69	45.69	3.23	16.05	1737.89	1737.89	307.31	1430.58
1+80.000	5.67	34.14	34.14	3.33	16.41	1772.03	1772.03	323.72	1448.31
1+85.000	3.67	23.35	23.35	3.65	18.38	1795.38	1795.38	342.10	1453.28
1+90.000	1.47	12.86	12.86	3.97	19.04	1808.24	1808.24	361.15	1447.10
1+95.000	0.30	4.42	4.42	4.85	22.05	1812.66	1812.66	383.19	1429.47
2+00.000	0.00	0.75	0.75	5.98	27.06	1813.41	1813.41	410.26	1403.15
2+05.000	0.00	0.00	0.00	6.73	33.90	1813.41	1813.41	444.15	1369.26
2+10.000	0.00	0.00	0.00	7.60	35.83	1813.41	1813.41	479.99	1333.42
2+15.000	0.00	0.00	0.00	8.42	40.06	1813.41	1813.41	520.05	1293.36
2+20.000	0.00	0.00	0.00	9.13	43.89	1813.41	1813.41	563.94	1249.47
2+25.000	0.00	0.00	0.00	9.02	45.40	1813.41	1813.41	609.34	1204.07
2+30.000	0.00	0.00	0.00	8.06	42.72	1813.41	1813.41	652.06	1161.35
2+35.000	0.00	0.00	0.00	7.07	37.83	1813.41	1813.41	689.89	1123.52
2+40.000	0.03	0.07	0.07	6.21	33.37	1813.48	1813.48	723.27	1090.22
2+45.000	0.08	0.26	0.26	5.78	29.97	1813.74	1813.74	753.24	1060.50
2+50.000	0.07	0.37	0.37	5.53	28.27	1814.12	1814.12	781.52	1032.60
2+55.000	0.06	0.09	0.09	5.81	27.88	1814.21	1814.21	809.39	1004.81
2+60.000	0.07	0.33	0.33	6.28	30.23	1814.53	1814.53	839.62	974.91
2+65.000	0.10	0.41	0.41	6.77	32.63	1814.94	1814.94	872.25	942.69
2+70.000	0.15	0.63	0.63	7.26	35.08	1815.57	1815.57	907.33	908.24
2+75.000	0.25	1.00	1.00	7.77	37.58	1816.57	1816.57	944.91	871.66
2+80.000	0.43	1.70	1.70	8.25	40.05	1818.28	1818.28	984.96	833.31
2+85.000	0.65	2.72	2.72	8.81	42.65	1820.99	1820.99	1027.61	793.38
2+90.000	0.51	2.80	2.80	9.61	46.86	1823.80	1823.80	1074.47	749.33
2+95.000	0.27	1.95	1.95	10.53	50.36	1825.74	1825.74	1124.83	700.92
3+00.000	0.25	1.28	1.28	10.89	53.54	1827.03	1827.03	1178.37	648.66
3+05.000	0.31	1.39	1.39	11.27	55.38	1828.42	1828.42	1233.74	594.67
3+10.000	0.20	0.38	0.38	11.85	57.04	1828.80	1828.80	1290.78	538.01
3+15.000	0.46	1.28	1.28	13.27	62.53	1830.08	1830.08	1353.31	476.77
3+20.000	0.56	2.55	2.55	14.89	70.40	1832.63	1832.63	1423.71	408.92
3+25.000	0.44	2.48	2.48	17.29	80.46	1835.12	1835.12	1504.17	330.95
3+30.000	0.18	1.55	1.55	20.59	94.69	1836.67	1836.67	1598.86	237.81
3+35.000	0.02	0.50	0.50	24.76	113.35	1837.17	1837.17	1712.21	124.96
3+40.000	0.00	0.05	0.05	28.94	145.18	1837.21	1837.21	1857.39	-20.18
3+45.000	0.00	0.00	0.00	30.77	149.29	1837.21	1837.21	2006.68	-169.47
3+50.000	0.00	0.00	0.00	31.92	156.73	1837.21	1837.21	2163.41	-326.20
3+55.000	0.00	0.00	0.00	32.95	162.17	1837.21	1837.21	2325.58	-488.37
3+60.000	0.00	0.00	0.00	34.40	168.36	1837.21	1837.21	2493.95	-656.73
3+65.000	0.00	0.00	0.00	35.56	174.88	1837.21	1837.21	2668.83	-831.61
3+70.000	0.00	0.00	0.00	36.32	179.68	1837.21	1837.21	2848.51	-1011.29
3+75.000	0.00	0.00	0.00	35.37	188.19	1837.21	1837.21	3036.69	-1199.48
3+80.000	0.00	0.00	0.00	33.66	172.57	1837.21	1837.21	3209.26	-1372.05
3+85.000	0.00	0.00	0.00	33.34	167.50	1837.21	1837.21	3376.76	-1539.55
3+90.000	0.00	0.01	0.01	33.41	166.89	1837.22	1837.22	3543.65	-1706.42



3+95.000	0.00	0.03	0.03	33.55	167.40	1837.25	1837.25	3711.05	-1873.80
4+00.000	0.00	0.02	0.02	33.76	168.27	1837.27	1837.27	3879.32	-2042.05
4+05.000	0.00	0.00	0.00	33.86	169.05	1837.27	1837.27	4048.37	-2211.10
4+10.000	0.00	0.00	0.00	33.75	169.01	1837.27	1837.27	4217.38	-2380.11
4+15.000	0.00	0.00	0.00	33.76	168.77	1837.27	1837.27	4386.15	-2548.88
4+20.000	0.00	0.00	0.00	33.87	169.08	1837.27	1837.27	4555.24	-2717.96
4+25.000	0.00	0.00	0.00	34.21	168.52	1837.28	1837.28	4723.76	-2886.48
4+30.000	0.00	0.01	0.01	34.62	172.08	1837.29	1837.29	4895.84	-3058.55
4+35.000	0.01	0.04	0.04	35.04	174.16	1837.32	1837.32	5070.00	-3232.68
4+40.000	0.01	0.06	0.06	35.59	176.60	1837.39	1837.39	5246.60	-3409.21
4+45.000	0.02	0.09	0.09	36.24	179.58	1837.48	1837.48	5426.18	-3588.70
4+50.000	0.03	0.14	0.14	36.85	182.72	1837.62	1837.62	5608.90	-3771.29
4+55.000	0.07	0.25	0.25	37.25	186.45	1837.86	1837.86	5795.35	-3957.49
4+60.000	0.12	0.50	0.50	38.70	189.88	1838.36	1838.36	5985.23	-4146.87
4+65.000	0.08	0.51	0.51	40.97	199.16	1838.87	1838.87	6184.40	-4345.52
4+70.000	0.03	0.28	0.28	43.34	210.77	1839.15	1839.15	6395.17	-4556.01
4+75.000	0.00	0.07	0.07	45.74	222.71	1839.23	1839.23	6617.88	-4778.65
4+80.000	0.00	0.00	0.00	46.41	230.39	1839.23	1839.23	6848.26	-5009.03
4+85.000	0.00	0.00	0.00	45.99	238.08	1839.23	1839.23	7086.35	-5247.11
4+90.000	0.00	0.00	0.00	46.47	231.14	1839.23	1839.23	7317.48	-5478.25
4+95.000	0.00	0.00	0.00	47.04	233.78	1839.23	1839.23	7551.27	-5712.03
5+00.000	0.00	0.00	0.00	47.61	236.64	1839.23	1839.23	7787.90	-5948.67
5+05.000	0.00	0.00	0.00	47.95	238.89	1839.23	1839.23	8026.79	-6187.56
5+10.000	0.00	0.00	0.00	48.42	240.91	1839.23	1839.23	8267.71	-6428.48
5+15.000	0.00	0.00	0.00	48.99	243.53	1839.23	1839.23	8511.23	-6672.00
5+20.000	0.00	0.00	0.00	49.02	245.03	1839.23	1839.23	8756.27	-6917.04
5+25.000	0.00	0.00	0.00	49.58	246.50	1839.23	1839.23	9002.77	-7163.54
5+30.000	0.00	0.00	0.00	49.72	238.16	1839.23	1839.23	9240.93	-7401.70
5+35.000	0.00	0.00	0.00	50.20	249.80	1839.23	1839.23	9490.73	-7651.50
5+40.000	0.00	0.00	0.00	52.46	256.66	1839.23	1839.23	9747.39	-7908.16
5+45.000	0.00	0.00	0.00	55.16	269.06	1839.23	1839.23	10016.45	-8177.22
5+50.000	0.00	0.00	0.00	58.31	283.69	1839.23	1839.23	10300.14	-8460.91
5+55.000	0.00	0.00	0.00	60.43	296.84	1839.23	1839.23	10596.99	-8757.76
5+60.000	0.00	0.00	0.00	62.28	306.76	1839.23	1839.23	10903.75	-9064.51
5+65.000	0.00	0.00	0.00	64.16	316.10	1839.23	1839.23	11219.84	-9380.61
5+70.000	0.00	0.00	0.00	66.08	325.61	1839.23	1839.23	11545.45	-9706.22
5+75.000	0.00	0.00	0.00	68.05	335.33	1839.23	1839.23	11880.79	-10041.55
5+80.000	0.00	0.00	0.00	70.08	345.31	1839.23	1839.23	12226.10	-10386.87
5+85.000	0.00	0.00	0.00	72.13	355.50	1839.23	1839.23	12581.60	-10742.37
5+90.000	0.00	0.00	0.00	73.07	363.00	1839.23	1839.23	12944.60	-11105.37
5+95.000	0.00	0.00	0.00	74.43	361.70	1839.23	1839.23	13306.31	-11467.07
6+00.000	0.00	0.00	0.00	78.44	382.16	1839.23	1839.23	13688.46	-11849.23

6+05.000	0.00	0.02	0.02	81.94	400.94	1839.25	1839.25	14089.40	12250.15
6+10.000	0.03	0.08	0.08	85.50	418.59	1839.33	1839.33	14507.99	12668.66
6+15.000	0.04	0.17	0.17	89.14	436.60	1839.50	1839.50	14944.58	13105.09
6+20.000	0.00	0.11	0.11	93.26	456.00	1839.60	1839.60	15400.59	13560.98
6+25.000	0.00	0.00	0.00	97.34	476.51	1839.61	1839.61	15877.10	14037.49
6+30.000	0.00	0.00	0.00	102.02	498.41	1839.61	1839.61	16375.51	14535.90
6+35.000	0.00	0.00	0.00	107.08	522.77	1839.61	1839.61	16898.28	15058.67
6+40.000	0.00	0.00	0.00	112.26	548.36	1839.61	1839.61	17446.64	15607.03
6+45.000	0.00	0.00	0.00	117.55	574.52	1839.61	1839.61	18021.16	16181.54
6+50.000	0.00	0.00	0.00	122.56	600.28	1839.61	1839.61	18621.44	16781.82
6+55.000	0.00	0.00	0.00	127.95	626.29	1839.61	1839.61	19247.73	17408.11
6+60.000	0.00	0.00	0.00	133.66	654.03	1839.61	1839.61	19901.76	18062.14
6+65.000	0.00	0.00	0.00	139.63	683.23	1839.61	1839.61	20584.98	18745.37
6+70.000	0.00	0.00	0.00	145.54	712.92	1839.61	1839.61	21297.90	19458.29
6+75.000	0.00	0.00	0.00	151.15	741.71	1839.61	1839.61	22039.61	20200.00
6+80.000	0.00	0.00	0.00	157.04	770.48	1839.61	1839.61	22810.09	20970.48
6+85.000	0.00	0.00	0.00	162.50	798.87	1839.61	1839.61	23608.96	21769.35
6+90.000	0.00	0.00	0.00	167.89	825.99	1839.61	1839.61	24434.95	22595.34
6+95.000	0.00	0.00	0.00	173.33	853.06	1839.61	1839.61	25288.01	23448.40
7+00.000	0.00	0.00	0.00	178.52	879.62	1839.61	1839.61	26167.63	24328.01
7+05.000	0.00	0.00	0.00	183.39	904.78	1839.61	1839.61	27072.41	25232.79
7+10.000	0.00	0.00	0.00	188.03	928.57	1839.61	1839.61	28000.98	26161.36
7+15.000	0.00	0.00	0.00	192.04	950.18	1839.61	1839.61	28951.15	27111.54
7+20.000	0.00	0.00	0.00	195.69	969.31	1839.61	1839.61	29920.46	28080.85
7+25.000	0.00	0.00	0.00	199.14	987.06	1839.61	1839.61	30907.52	29067.91
7+30.000	0.00	0.00	0.00	202.03	1002.93	1839.61	1839.61	31910.45	30070.83
7+35.000	0.00	0.00	0.00	204.89	1015.18	1839.61	1839.61	32925.63	31086.01
7+40.000	0.00	0.00	0.00	206.55	1013.45	1839.62	1839.62	33939.08	32099.46



7+45.000	0.00	0.00	0.00	210.18	1041.83	1839.62	1839.62	34980.91	33141.29
7+50.000	0.00	0.00	0.00	214.23	1061.03	1839.62	1839.62	36041.95	34202.32
7+55.000	0.00	0.00	0.00	215.76	1074.98	1839.62	1839.62	37116.92	35277.30
7+60.000	0.00	0.00	0.00	216.99	1081.87	1839.62	1839.62	38198.79	36359.17
7+65.000	0.00	0.00	0.00	218.05	1087.61	1839.62	1839.62	39286.40	37446.78
7+70.000	0.00	0.00	0.00	218.70	1091.87	1839.62	1839.62	40378.28	38538.65
7+75.000	0.00	0.00	0.00	218.92	1094.05	1839.62	1839.62	41472.32	39632.70
7+80.000	0.00	0.00	0.00	218.72	1094.10	1839.62	1839.62	42566.42	40726.80
7+85.000	0.00	0.00	0.00	218.13	1092.12	1839.63	1839.63	43658.54	41818.92
7+90.000	0.00	0.00	0.00	217.14	1088.17	1839.63	1839.63	44746.71	42907.09
7+95.000	0.00	0.00	0.00	215.64	1081.95	1839.63	1839.63	45828.67	43989.04
8+00.000	0.00	0.00	0.00	214.00	1074.11	1839.63	1839.63	46902.78	45063.15
8+05.000	0.00	0.00	0.00	212.08	1065.19	1839.63	1839.63	47967.97	46128.35
8+10.000	0.00	0.00	0.00	207.36	1048.60	1839.63	1839.63	49016.58	47176.95
8+15.000	0.00	0.00	0.00	200.65	1020.04	1839.63	1839.63	50036.62	48196.99
8+20.000	0.00	0.00	0.00	193.74	985.98	1839.63	1839.63	51022.60	49182.97
8+25.000	0.00	0.00	0.00	187.55	953.22	1839.63	1839.63	51975.82	50136.19
8+30.000	0.00	0.01	0.01	182.27	924.55	1839.64	1839.64	52900.37	51060.73
8+35.000	0.02	0.05	0.05	177.20	898.68	1839.69	1839.69	53799.05	51959.36
8+40.000	0.01	0.07	0.07	172.33	873.83	1839.76	1839.76	54672.88	52833.12
8+45.000	0.00	0.04	0.04	168.08	851.05	1839.80	1839.80	55523.93	53684.13
8+50.000	0.00	0.00	0.00	164.20	830.70	1839.81	1839.81	56354.63	54514.82
8+55.000	0.00	0.00	0.00	160.39	811.46	1839.81	1839.81	57166.09	55326.28
8+60.000	0.00	0.00	0.00	156.58	792.42	1839.81	1839.81	57958.51	56118.70
8+65.000	0.00	0.00	0.00	152.37	772.36	1839.81	1839.81	58730.87	56891.06
8+70.000	0.00	0.00	0.00	148.10	751.17	1839.81	1839.81	59482.05	57642.23
8+75.000	0.00	0.00	0.00	143.81	729.78	1839.81	1839.81	60211.82	58372.01
8+80.000	0.00	0.00	0.00	137.29	702.75	1839.81	1839.81	60914.57	59074.76

8+85.000	0.00	0.02	0.02	134.20	678.74	1839.83	1839.83	61593.31	59753.48
8+90.000	0.00	-0.00	-0.00	130.52	631.69	1839.82	1839.82	62225.00	60385.18
8+95.000	0.09	0.22	0.22	126.57	642.71	1840.04	1840.04	62867.71	61027.67
9+00.000	0.00	0.22	0.22	127.29	634.65	1840.26	1840.26	63502.36	61662.10
9+05.000	0.00	0.00	0.00	122.32	624.03	1840.26	1840.26	64126.39	62286.13
9+10.000	0.00	0.00	0.00	115.91	595.57	1840.26	1840.26	64721.95	62881.70
9+15.000	0.00	0.00	0.00	109.49	563.49	1840.26	1840.26	65285.44	63445.19
9+20.000	0.00	0.00	0.00	103.34	532.07	1840.26	1840.26	65817.51	63977.26
9+25.000	0.00	0.00	0.00	96.88	500.54	1840.26	1840.26	66318.05	64477.79
9+30.000	0.00	0.00	0.00	89.97	467.13	1840.26	1840.26	66785.18	64944.92
9+35.000	0.00	0.00	0.00	82.78	431.88	1840.26	1840.26	67217.06	65376.80
9+40.000	0.00	0.00	0.00	75.36	395.35	1840.26	1840.26	67612.41	65772.15
9+45.000	0.00	0.00	0.00	67.80	357.91	1840.26	1840.26	67970.31	66130.06
9+50.000	0.00	0.00	0.00	60.07	319.68	1840.26	1840.26	68289.99	66449.74
9+55.000	0.07	0.19	0.19	57.06	292.83	1840.44	1840.44	68582.83	66742.38
9+60.000	0.00	0.19	0.19	64.42	303.71	1840.63	1840.63	68886.53	67045.91
9+65.000	0.00	0.00	0.00	61.37	314.49	1840.63	1840.63	69201.02	67360.40
9+70.000	0.00	0.00	0.00	51.51	282.20	1840.63	1840.63	69483.23	67642.60
9+75.000	0.00	0.00	0.00	41.93	233.58	1840.63	1840.63	69716.81	67876.18
9+80.000	0.44	1.11	1.11	33.13	187.64	1841.74	1841.74	69904.46	68062.72
9+85.000	1.59	5.08	5.08	25.38	146.29	1846.82	1846.82	70050.75	68203.92
9+90.000	2.87	11.16	11.16	19.79	112.94	1857.98	1857.98	70163.68	68305.70
9+95.000	0.40	8.20	8.20	22.24	105.08	1866.18	1866.18	70268.76	68402.59
10+00.000	0.00	1.01	1.01	25.54	119.44	1867.19	1867.19	70388.21	68521.02
10+05.000	0.37	0.92	0.92	17.24	106.94	1868.11	1868.11	70495.15	68627.04
10+10.000	1.78	5.38	5.38	11.32	71.41	1873.49	1873.49	70566.55	68693.06
10+15.000	3.63	13.54	13.54	7.48	47.00	1887.03	1887.03	70613.55	68726.52
10+20.000	4.98	21.55	21.55	4.68	30.39	1908.58	1908.58	70643.94	68735.36



10+25.000	4.18	22.91	22.91	2.16	17.09	1931.49	1931.49	70661.03	68729.54
10+30.000	2.67	17.14	17.14	1.09	8.11	1948.63	1948.63	70669.14	68720.51
10+35.000	2.80	13.68	13.68	1.59	6.69	1962.31	1962.31	70675.84	68713.53
10+40.000	4.32	17.79	17.79	1.89	8.70	1980.09	1980.09	70684.54	68704.45
10+45.000	6.84	27.89	27.89	0.39	5.70	2007.98	2007.98	70690.24	68682.26
10+50.000	12.24	49.78	49.78	0.07	1.11	2057.77	2057.77	70691.35	68633.59
10+55.000	19.09	78.32	78.32	0.00	0.17	2136.09	2136.09	70691.53	68555.44
10+60.000	26.30	113.48	113.48	0.00	0.00	2249.57	2249.57	70691.53	68441.96
10+65.000	27.74	135.10	135.10	0.09	0.22	2384.67	2384.67	70691.75	68307.07
10+70.000	32.35	150.22	150.22	0.02	0.28	2534.89	2534.89	70692.03	68157.14
10+75.000	33.91	165.65	165.65	0.00	0.06	2700.54	2700.54	70692.08	67991.54
10+80.000	35.06	172.44	172.44	0.05	0.13	2872.98	2872.98	70692.22	67819.24
10+85.000	38.71	184.43	184.43	0.22	0.69	3057.41	3057.41	70692.90	67635.49
10+90.000	45.23	209.85	209.85	0.49	1.78	3267.26	3267.26	70694.68	67427.42
10+95.000	53.24	246.18	246.18	0.01	1.26	3513.45	3513.45	70695.94	67182.49
11+00.000	60.25	283.73	283.73	0.00	0.04	3797.17	3797.17	70695.97	66898.80
11+05.000	64.86	312.78	312.78	0.00	0.00	4109.95	4109.95	70695.97	66586.02
11+10.000	66.75	323.55	323.55	0.00	0.00	4433.50	4433.50	70695.97	66262.47
11+15.000	68.53	338.18	338.18	0.00	0.00	4771.68	4771.68	70695.97	65924.29
11+20.000	68.85	343.43	343.43	0.00	0.00	5115.12	5115.12	70695.97	65580.85
11+25.000	68.45	343.25	343.25	0.00	0.00	5458.37	5458.37	70695.97	65237.60
11+30.000	69.03	343.71	343.71	0.00	0.00	5802.09	5802.09	70695.97	64893.89
11+35.000	69.26	345.73	345.73	0.00	0.00	6147.82	6147.82	70695.97	64548.16
11+40.000	69.21	346.17	346.17	0.00	0.00	6493.99	6493.99	70695.97	64201.99
11+45.000	69.80	347.52	347.52	0.00	0.00	6841.50	6841.50	70695.97	63854.47
11+50.000	70.10	349.74	349.74	0.00	0.00	7191.24	7191.24	70695.97	63504.73
11+55.000	71.09	352.97	352.97	0.00	0.00	7544.21	7544.21	70695.97	63151.76
11+60.000	71.80	357.23	357.23	0.00	0.00	7901.44	7901.44	70695.97	62794.53

11+65.000	72.46	360.67	360.67	0.00	0.00	8262.11	8262.11	70695.97	62433.86
11+70.000	73.08	363.86	363.86	0.00	0.00	8625.98	8625.98	70695.97	62070.00
11+75.000	73.72	367.00	367.00	0.00	0.00	8992.97	8992.97	70695.97	61703.00
11+80.000	75.75	373.68	373.68	0.00	0.00	9366.66	9366.66	70695.97	61329.32
11+85.000	78.10	384.65	384.65	0.00	0.00	9751.30	9751.30	70695.97	60944.67
11+90.000	80.25	395.88	395.88	0.00	0.00	10147.18	10147.18	70695.97	60548.79
11+95.000	80.08	400.81	400.81	0.00	0.00	10548.00	10548.00	70695.97	60147.97
12+00.000	79.94	394.13	394.13	0.00	0.00	10942.13	10942.13	70695.97	59753.85
12+05.000	78.35	395.71	395.71	0.00	0.00	11337.83	11337.83	70695.97	59358.14
12+10.000	76.34	384.69	384.69	0.00	0.00	11722.52	11722.52	70695.97	58973.45
12+15.000	61.93	294.74	294.74	0.00	0.00	12017.26	12017.26	70695.97	58678.71
12+20.000	94.04	389.92	389.92	0.00	0.00	12407.18	12407.18	70695.97	58288.80
12+25.000	82.86	219.49	219.49	0.26	2.94	12626.67	12626.67	70698.91	58072.24
12+30.000	46.96	326.96	326.96	0.10	0.83	12953.63	12953.63	70699.74	57746.11
12+35.000	46.58	212.25	212.25	0.12	-0.28	13165.88	13165.88	70699.46	57533.59
12+40.000	32.53	192.18	192.18	0.18	0.00	13358.06	13358.06	70699.47	57341.41
12+45.000	40.60	182.82	182.82	0.25	1.08	13540.88	13540.88	70700.54	57159.67
12+50.000	37.25	200.27	200.27	0.11	1.21	13741.15	13741.15	70701.75	56960.61
12+55.000	34.82	180.19	180.19	0.27	0.97	13921.34	13921.34	70702.72	56781.39
12+60.000	31.98	167.01	167.01	0.80	2.69	14088.35	14088.35	70705.41	56617.06
12+65.000	28.18	150.39	150.39	1.44	5.61	14238.75	14238.75	70711.02	56472.28
12+70.000	23.83	130.02	130.02	2.26	9.25	14368.77	14368.77	70720.28	56351.51
12+75.000	19.72	108.89	108.89	3.16	13.55	14477.66	14477.66	70733.83	56256.17
12+80.000	15.89	89.03	89.03	3.82	17.46	14566.69	14566.69	70751.29	56184.60
12+85.000	12.66	71.37	71.37	4.69	21.27	14638.07	14638.07	70772.56	56134.50
12+90.000	10.32	57.45	57.45	5.83	26.30	14695.52	14695.52	70798.86	56103.35
12+95.000	8.98	48.24	48.24	5.91	29.34	14743.76	14743.76	70828.21	56084.45
13+00.000	9.15	45.31	45.31	5.35	28.14	14789.06	14789.06	70856.35	56067.29



13+05.000	9.81	47.38	47.38	4.95	25.75	14836.44	14836.44	70882.10	56045.65
13+10.000	10.86	51.67	51.67	3.82	21.92	14888.11	14888.11	70904.02	56015.90
13+15.000	12.11	57.42	57.42	1.88	14.24	14945.54	14945.54	70918.26	55972.72
13+20.000	14.16	65.66	65.66	0.37	5.61	15011.20	15011.20	70923.87	55912.67
13+25.000	17.17	78.32	78.32	0.00	0.92	15089.51	15089.51	70924.78	55835.27
13+30.000	19.79	92.39	92.39	0.00	0.00	15181.90	15181.90	70924.78	55742.88
13+35.000	21.97	104.39	104.39	0.00	0.00	15286.29	15286.29	70924.78	55638.49
13+40.000	23.38	113.36	113.36	0.00	0.00	15399.65	15399.65	70924.78	55525.13
13+45.000	23.63	117.52	117.52	0.00	0.00	15517.17	15517.17	70924.78	55407.61
13+50.000	23.43	117.64	117.64	0.00	0.00	15634.82	15634.82	70924.78	55289.97
13+55.000	23.07	116.25	116.25	0.00	0.00	15751.06	15751.06	70924.78	55173.72
13+60.000	22.79	114.65	114.65	0.00	0.00	15865.71	15865.71	70924.78	55059.07
13+65.000	21.77	111.39	111.39	0.00	0.00	15977.10	15977.10	70924.78	54947.68
13+70.000	19.56	103.32	103.32	0.00	0.00	16080.42	16080.42	70924.78	54844.36
13+75.000	16.85	91.02	91.02	0.00	0.00	16171.44	16171.44	70924.78	54753.34
13+80.000	14.59	78.60	78.60	0.10	0.25	16250.04	16250.04	70925.03	54674.99
13+85.000	15.37	74.90	74.90	0.14	0.58	16324.95	16324.95	70925.61	54600.67
13+90.000	16.27	79.09	79.09	0.02	0.40	16404.04	16404.04	70926.01	54521.97
13+95.000	15.73	80.00	80.00	0.00	0.08	16484.04	16484.04	70926.09	54442.05
14+00.000	15.75	78.70	78.70	0.00	0.02	16562.74	16562.74	70926.11	54363.36
14+05.000	14.55	75.75	75.75	0.00	0.00	16638.49	16638.49	70926.11	54287.61
14+10.000	11.45	65.00	65.00	0.00	0.00	16703.49	16703.49	70926.11	54222.61
14+15.000	6.67	45.30	45.30	0.00	0.00	16748.79	16748.79	70926.11	54177.31
14+20.000	2.44	22.78	22.78	0.21	0.52	16771.57	16771.57	70926.63	54155.06
14+25.000	0.41	7.14	7.14	1.93	5.34	16778.71	16778.71	70931.97	54153.26
14+30.000	0.15	1.40	1.40	4.90	17.07	16780.11	16780.11	70949.03	54168.92
14+35.000	0.34	1.23	1.23	7.42	30.81	16781.34	16781.34	70979.84	54198.51
14+40.000	0.53	2.19	2.19	6.92	35.85	16783.53	16783.53	71015.69	54232.16

14+45.000	0.66	2.99	2.99	6.77	34.21	16786.51	16786.51	71049.90	54263.39
14+50.000	1.17	4.59	4.59	7.43	35.50	16791.10	16791.10	71085.40	54294.30
14+55.000	1.95	7.82	7.82	8.40	39.56	16798.92	16798.92	71124.96	54326.03
14+60.000	2.69	11.61	11.61	9.55	44.86	16810.53	16810.53	71169.82	54359.29
14+65.000	3.38	15.18	15.18	10.87	51.05	16825.72	16825.72	71220.87	54395.15
14+70.000	3.97	16.97	16.97	12.16	57.61	16842.69	16842.69	71278.48	54435.79
14+75.000	4.40	18.64	18.64	13.42	64.04	16861.32	16861.32	71342.52	54481.19
14+80.000	4.58	20.02	20.02	14.21	69.16	16881.34	16881.34	71411.68	54530.33
14+85.000	4.57	20.38	20.38	15.04	73.16	16901.73	16901.73	71484.84	54583.11
14+90.000	4.69	20.60	20.60	16.26	78.38	16922.32	16922.32	71563.22	54640.90
14+95.000	4.85	21.21	21.21	17.10	83.64	16943.53	16943.53	71646.85	54703.32
15+00.000	4.45	20.68	20.68	17.41	86.55	16964.21	16964.21	71733.40	54769.19
15+05.000	3.88	18.53	18.53	17.51	87.35	16982.74	16982.74	71820.76	54838.02
15+10.000	3.50	16.42	16.42	18.58	89.89	16999.16	16999.16	71910.65	54911.49
15+15.000	3.03	14.55	14.55	20.33	96.80	17013.71	17013.71	72007.45	54993.73
15+20.000	2.40	12.15	12.15	22.20	106.07	17025.86	17025.86	72113.52	55087.65
15+25.000	1.60	9.25	9.25	23.93	115.46	17035.11	17035.11	72228.98	55193.87
15+30.000	1.55	11.05	11.05	26.25	124.07	17046.17	17046.17	72353.05	55306.88
15+35.000	3.07	11.54	11.54	28.89	137.83	17057.71	17057.71	72490.88	55433.17
15+40.000	4.87	19.86	19.86	30.93	149.54	17077.57	17077.57	72640.42	55562.85
15+45.000	4.87	24.36	24.36	31.21	155.36	17101.93	17101.93	72795.78	55693.85
15+50.000	4.90	10.39	10.39	29.50	155.17	17112.32	17112.32	72950.94	55838.63
15+55.000	6.19	27.73	27.73	27.22	141.80	17140.05	17140.05	73092.74	55952.69
15+60.000	6.46	31.61	31.61	26.41	134.09	17171.66	17171.66	73226.83	56055.17
15+65.000	6.46	32.28	32.28	26.46	132.19	17203.94	17203.94	73359.02	56155.08
15+70.000	6.83	33.21	33.21	26.28	131.87	17237.15	17237.15	73490.89	56253.73
15+75.000	7.64	36.18	36.18	26.55	132.10	17273.33	17273.33	73622.98	56349.66
15+80.000	8.49	40.32	40.32	28.24	136.99	17313.65	17313.65	73759.98	56446.33



15+85.000	8.09	41.43	41.43	31.37	149.04	17355.08	17355.08	73909.01	56553.94
15+90.000	5.59	34.20	34.20	34.80	165.44	17389.28	17389.28	74074.45	56685.18
15+95.000	2.56	20.39	20.39	39.42	185.55	17409.67	17409.67	74260.00	56850.33
16+00.000	0.66	8.05	8.05	45.32	211.85	17417.72	17417.72	74471.85	57054.12
16+05.000	1.61	5.67	5.67	46.16	228.71	17423.39	17423.39	74700.56	57277.17
16+10.000	2.05	9.14	9.14	43.36	223.81	17432.53	17432.53	74924.36	57491.83
16+15.000	1.74	9.48	9.48	40.26	209.06	17442.01	17442.01	75133.42	57691.42
16+20.000	2.22	9.89	9.89	37.97	195.57	17451.90	17451.90	75329.00	57877.10
16+25.000	3.06	13.20	13.20	38.12	190.22	17465.10	17465.10	75519.22	58054.12
16+30.000	5.59	21.64	21.64	41.72	199.59	17486.74	17486.74	75718.80	58232.06
16+35.000	6.00	28.97	28.97	45.38	217.74	17515.71	17515.71	75936.54	58420.83
16+40.000	4.50	26.25	26.25	49.22	236.50	17541.96	17541.96	76173.05	58631.09
16+45.000	2.93	18.59	18.59	53.72	257.36	17560.55	17560.55	76430.41	58869.86
16+50.000	1.32	10.63	10.63	58.91	281.59	17571.18	17571.18	76712.00	59140.82
16+55.000	0.15	3.66	3.66	66.04	312.39	17574.84	17574.84	77024.38	59449.55
16+60.000	0.00	0.37	0.37	74.62	351.66	17575.20	17575.20	77376.05	59800.84
16+65.000	0.00	0.00	0.00	83.61	395.58	17575.20	17575.20	77771.63	60196.42
16+70.000	0.00	0.00	0.00	85.32	422.33	17575.20	17575.20	78193.96	60618.75
16+75.000	0.00	0.00	0.00	82.01	418.32	17575.20	17575.20	78612.28	61037.08
16+80.000	0.00	0.00	0.00	80.67	406.70	17575.20	17575.20	79018.98	61443.78
16+85.000	0.00	0.00	0.00	78.70	398.42	17575.20	17575.20	79417.40	61842.20
16+90.000	0.00	0.00	0.00	76.82	388.79	17575.20	17575.20	79806.20	62230.99
16+95.000	0.00	0.00	0.00	74.97	379.47	17575.20	17575.20	80185.66	62610.46
17+00.000	0.00	0.00	0.00	73.15	370.29	17575.20	17575.20	80555.95	62980.74
17+05.000	0.02	0.04	0.04	72.39	363.84	17575.24	17575.24	80919.79	63344.55
17+10.000	0.06	0.20	0.20	71.69	360.19	17575.44	17575.44	81279.98	63704.54
17+15.000	0.18	0.60	0.60	70.51	355.48	17576.04	17576.04	81635.47	64059.43
17+20.000	0.37	1.36	1.36	68.62	347.81	17577.40	17577.40	81983.28	64405.87

17+25.000	0.56	2.32	2.32	67.42	340.08	17579.72	17579.72	82323.36	64743.64
17+30.000	0.38	2.25	2.25	67.37	335.78	17581.98	17581.98	82659.14	65077.16
17+35.000	0.22	1.49	1.49	68.42	339.47	17583.47	17583.47	82998.61	65415.15
17+40.000	0.10	0.79	0.79	70.34	346.89	17584.25	17584.25	83345.50	65761.25
17+45.000	0.03	0.31	0.31	73.45	359.47	17584.56	17584.56	83704.97	66120.40
17+50.000	0.00	0.06	0.06	76.73	375.46	17584.63	17584.63	84080.42	66495.80
17+55.000	0.10	0.26	0.26	70.56	368.23	17584.88	17584.88	84448.65	66863.77
17+60.000	0.56	1.65	1.65	66.09	341.62	17586.54	17586.54	84790.27	67203.74
17+65.000	1.56	5.31	5.31	63.67	324.40	17591.85	17591.85	85114.67	67522.83
17+70.000	2.04	9.02	9.02	63.36	317.56	17600.86	17600.86	85432.24	67831.37
17+75.000	2.14	10.46	10.46	60.66	310.05	17611.32	17611.32	85742.29	68130.97
17+80.000	4.10	15.59	15.59	55.17	289.57	17626.91	17626.91	86031.86	68404.95
17+85.000	5.74	24.58	24.58	49.92	262.73	17651.49	17651.49	86294.59	68643.10
17+90.000	7.08	32.05	32.05	44.96	237.22	17683.53	17683.53	86531.81	68848.28
17+95.000	8.34	38.54	38.54	40.27	213.08	17722.08	17722.08	86744.89	69022.82
18+00.000	9.53	44.66	44.66	35.83	190.24	17766.74	17766.74	86935.13	69168.39
18+05.000	10.64	50.42	50.42	32.00	169.57	17817.16	17817.16	87104.70	69287.54
18+10.000	11.58	55.54	55.54	28.44	151.09	17872.70	17872.70	87255.79	69383.09
18+15.000	12.30	59.70	59.70	25.06	133.76	17932.40	17932.40	87389.55	69457.15
18+20.000	12.80	62.76	62.76	21.88	117.35	17995.15	17995.15	87506.90	69511.75
18+25.000	13.15	64.87	64.87	18.87	101.87	18060.02	18060.02	87608.77	69548.75
18+30.000	12.80	64.87	64.87	17.81	91.71	18124.90	18124.90	87700.48	69575.59
18+35.000	12.85	64.13	64.13	14.93	81.86	18189.03	18189.03	87782.35	69593.32
18+40.000	12.82	64.17	64.17	10.81	64.36	18253.20	18253.20	87846.71	69593.52
18+45.000	12.83	64.11	64.11	7.08	44.73	18317.31	18317.31	87891.44	69574.13
18+50.000	13.12	64.88	64.88	4.01	27.72	18382.19	18382.19	87919.16	69536.97
18+55.000	14.12	68.10	68.10	1.73	14.36	18450.29	18450.29	87933.52	69483.23
18+60.000	16.21	75.82	75.82	0.20	4.84	18526.10	18526.10	87938.35	69412.25



18+65.000	20.19	91.00	91.00	0.08	0.71	18617.11	18617.11	87939.06	69321.95	-
18+70.000	24.83	112.55	112.55	0.02	0.25	18729.66	18729.66	87939.31	69209.65	-
18+75.000	27.42	130.63	130.63	0.00	0.05	18860.29	18860.29	87939.36	69079.07	-
18+80.000	25.10	131.30	131.30	0.05	0.12	18991.59	18991.59	87939.48	68947.89	-
18+85.000	20.49	113.98	113.98	0.28	0.81	19105.57	19105.57	87940.29	68834.72	-
18+90.000	20.90	103.48	103.48	0.30	1.44	19209.04	19209.04	87941.73	68732.69	-
18+95.000	23.61	111.27	111.27	0.09	0.98	19320.31	19320.31	87942.71	68622.39	-
19+00.000	27.13	126.85	126.85	0.00	0.23	19447.16	19447.16	87942.94	68495.78	-
19+05.000	30.14	143.18	143.18	0.00	0.00	19590.34	19590.34	87942.94	68352.60	-
19+10.000	32.80	157.34	157.34	0.00	0.00	19747.69	19747.69	87942.94	68195.25	-
19+15.000	35.59	170.97	170.97	0.00	0.00	19918.66	19918.66	87942.94	68024.28	-
19+20.000	38.42	185.02	185.02	0.00	0.00	20103.68	20103.68	87942.94	67839.25	-
19+25.000	40.48	197.23	197.23	0.00	0.00	20300.92	20300.92	87942.94	67642.02	-
19+30.000	41.43	204.76	204.76	0.00	0.00	20505.68	20505.68	87942.94	67437.26	-
19+35.000	40.76	205.49	205.49	0.00	0.00	20711.17	20711.17	87942.94	67231.77	-
19+40.000	32.84	184.00	184.00	0.38	0.95	20895.17	20895.17	87943.89	67048.72	-
19+45.000	26.32	147.88	147.88	2.57	7.37	21043.05	21043.05	87951.26	66908.21	-
19+50.000	23.92	125.61	125.61	4.56	17.81	21168.66	21168.66	87969.07	66800.41	-
19+55.000	22.06	114.95	114.95	5.75	25.77	21283.61	21283.61	87994.84	66711.23	-
19+60.000	22.99	112.61	112.61	5.35	27.75	21396.21	21396.21	88022.59	66626.38	-
19+65.000	24.15	117.84	117.84	3.11	21.15	21514.05	21514.05	88043.74	66529.69	-
19+70.000	24.41	121.39	121.39	0.18	8.23	21635.44	21635.44	88051.97	66416.52	-
19+75.000	24.78	122.97	122.97	0.00	0.44	21758.41	21758.41	88052.41	66294.00	-
19+80.000	22.70	118.71	118.71	0.10	0.24	21877.13	21877.13	88052.66	66175.53	-
19+85.000	21.40	110.25	110.25	0.13	0.57	21987.37	21987.37	88053.22	66065.85	-
19+90.000	22.96	110.89	110.89	0.43	1.41	22098.26	22098.26	88054.63	65956.37	-
19+95.000	26.70	124.16	124.16	0.17	1.52	22222.42	22222.42	88056.15	65833.73	-
20+00.000	31.79	146.25	146.25	0.00	0.43	22368.66	22368.66	88056.58	65687.92	-

20+05.000	36.39	170.47	170.47	0.00	0.00	22539.13	22539.13	88056.58	65517.45	-
20+10.000	39.31	189.25	189.25	0.00	0.00	22728.38	22728.38	88056.58	65328.20	-
20+15.000	40.57	199.70	199.70	0.00	0.00	22928.08	22928.08	88056.58	65128.50	-
20+20.000	40.31	202.21	202.21	0.00	0.00	23130.29	23130.29	88056.58	64926.29	-
20+25.000	40.88	202.97	202.97	0.07	0.16	23333.27	23333.27	88056.75	64723.48	-
20+30.000	44.48	213.39	213.39	0.05	0.30	23546.66	23546.66	88057.05	64510.39	-
20+35.000	50.27	236.87	236.87	0.00	0.16	23783.53	23783.53	88057.20	64273.67	-
20+40.000	55.08	263.36	263.36	0.00	0.02	24046.89	24046.89	88057.23	64010.33	-
20+45.000	56.12	278.00	278.00	0.00	0.00	24324.89	24324.89	88057.23	63732.33	-
20+50.000	52.88	272.50	272.50	0.00	0.00	24597.39	24597.39	88057.23	63459.83	-
20+55.000	48.23	252.77	252.77	0.10	0.24	24850.17	24850.17	88057.46	63207.30	-
20+60.000	44.13	230.90	230.90	0.42	1.28	25081.07	25081.07	88058.74	62977.67	-
20+65.000	40.69	212.04	212.04	0.97	3.45	25293.11	25293.11	88062.19	62769.08	-
20+70.000	41.26	204.87	204.87	1.53	6.23	25497.98	25497.98	88068.43	62570.45	-
20+75.000	46.54	219.49	219.49	2.08	9.01	25717.47	25717.47	88077.44	62359.97	-
20+80.000	51.02	243.89	243.89	2.45	11.31	25961.37	25961.37	88088.75	62127.38	-
20+85.000	58.32	273.34	273.34	1.15	8.99	26234.70	26234.70	88097.74	61863.04	-
20+90.000	66.03	310.86	310.86	0.74	4.72	26545.56	26545.56	88102.46	61556.90	-
20+95.000	69.39	355.54	355.54	0.76	1.08	26901.10	26901.10	88103.53	61202.44	-
21+00.000	67.62	342.52	342.52	0.83	3.96	27243.61	27243.61	88107.50	60863.88	-
21+05.000	68.52	340.34	340.34	0.37	3.01	27583.95	27583.95	88110.51	60526.55	-
21+10.000	69.90	346.05	346.05	0.16	1.34	27930.00	27930.00	88111.85	60181.85	-
21+15.000	72.14	355.10	355.10	0.00	0.42	28285.09	28285.09	88112.27	59827.18	-
21+20.000	74.36	366.23	366.23	0.00	0.01	28651.33	28651.33	88112.29	59460.96	-
21+25.000	73.15	368.75	368.75	0.00	0.00	29020.08	29020.08	88112.29	59092.21	-
21+30.000	74.68	369.57	369.57	0.00	0.00	29389.65	29389.65	88112.29	58722.64	-
21+35.000	74.54	373.06	373.06	0.00	0.00	29762.71	29762.71	88112.29	58349.57	-
21+40.000	72.69	368.09	368.09	0.00	0.00	30130.80	30130.80	88112.29	57981.48	-



21+45.000	70.84	363.88	363.88	0.00	0.02	30494.69	30494.69	88112.31	57617.62
21+50.000	69.73	351.43	351.43	0.00	0.02	30846.11	30846.11	88112.33	57266.21
21+55.000	68.86	346.50	346.50	0.00	0.00	31192.61	31192.61	88112.33	56919.71
21+60.000	67.17	340.10	340.10	0.00	0.00	31532.71	31532.71	88112.33	56579.62
21+65.000	65.50	331.69	331.69	0.00	0.00	31864.40	31864.40	88112.33	56247.93
21+70.000	61.24	316.85	316.85	0.00	0.00	32181.25	32181.25	88112.33	55931.08
21+75.000	55.33	291.42	291.42	0.00	0.00	32472.67	32472.67	88112.33	55639.65
21+80.000	50.78	265.27	265.27	0.10	0.25	32737.95	32737.95	88112.58	55374.63
21+85.000	46.96	244.35	244.35	0.18	0.70	32982.30	32982.30	88113.27	55130.98
21+90.000	41.67	221.57	221.57	0.24	1.04	33203.86	33203.86	88114.31	54910.44
21+95.000	36.89	196.41	196.41	0.28	1.30	33400.27	33400.27	88115.61	54715.33
22+00.000	36.37	183.16	183.16	0.24	1.30	33583.43	33583.43	88116.91	54533.48
22+05.000	39.58	189.86	189.86	0.13	0.91	33773.29	33773.29	88117.81	54344.53
22+10.000	40.48	200.15	200.15	0.05	0.44	33973.44	33973.44	88118.25	54144.82
22+15.000	40.82	203.25	203.25	0.02	0.17	34176.69	34176.69	88118.43	53941.74
22+20.000	41.20	205.03	205.03	0.00	0.05	34381.73	34381.73	88118.47	53736.75
22+25.000	42.14	208.33	208.33	0.00	0.00	34590.06	34590.06	88118.48	53528.42
22+30.000	44.35	216.22	216.22	0.00	0.00	34806.28	34806.28	88118.48	53312.20
22+35.000	46.23	226.46	226.46	0.00	0.00	35032.74	35032.74	88118.48	53085.73
22+40.000	48.45	236.70	236.70	0.00	0.00	35269.45	35269.45	88118.48	52849.03
22+45.000	50.67	247.79	247.79	0.00	0.00	35517.24	35517.24	88118.48	52601.25
22+50.000	52.25	257.30	257.30	0.00	0.00	35774.53	35774.53	88118.48	52343.95
22+55.000	54.42	267.30	267.30	0.00	0.00	36041.84	36041.84	88118.48	52076.64
22+60.000	56.60	277.57	277.57	0.00	0.00	36319.41	36319.41	88118.48	51799.08
22+65.000	59.02	289.06	289.06	0.00	0.00	36608.47	36608.47	88118.48	51510.02
22+70.000	61.96	302.45	302.45	0.00	0.00	36910.92	36910.92	88118.49	51207.57
22+75.000	65.24	318.00	318.00	0.00	0.00	37228.92	37228.92	88118.49	50889.57
22+80.000	68.59	334.57	334.57	0.00	0.00	37563.49	37563.49	88118.49	50555.00

22+85.000	70.95	348.86	348.86	0.00	0.00	37912.34	37912.34	88118.49	50206.14
22+90.000	72.29	358.09	358.09	0.00	0.00	38270.44	38270.44	88118.49	49848.05
22+95.000	73.40	364.21	364.21	0.00	0.00	38634.65	38634.65	88118.49	49483.83
23+00.000	74.37	369.43	369.43	0.00	0.00	39004.08	39004.08	88118.49	49114.40
23+05.000	74.96	373.33	373.33	0.00	0.00	39377.41	39377.41	88118.49	48741.07
23+10.000	74.57	373.82	373.82	0.00	0.00	39751.23	39751.23	88118.49	48367.25
23+15.000	73.33	369.75	369.75	0.00	0.00	40120.99	40120.99	88118.49	47997.50
23+20.000	72.69	365.06	365.06	0.00	0.00	40486.05	40486.05	88118.49	47632.44
23+25.000	72.98	364.19	364.19	0.00	0.00	40850.24	40850.24	88118.49	47268.25
23+30.000	72.86	364.60	364.60	0.10	0.25	41214.84	41214.84	88118.74	46903.91
23+35.000	72.95	364.52	364.52	0.37	1.18	41579.35	41579.35	88119.92	46540.57
23+40.000	74.41	368.40	368.40	0.19	1.40	41947.75	41947.75	88121.32	46173.56
23+45.000	78.78	382.98	382.98	0.05	0.58	42330.73	42330.73	88121.90	45791.16
23+50.000	84.05	407.07	407.07	0.00	0.11	42737.81	42737.81	88122.01	45384.21
23+55.000	88.00	430.12	430.12	0.00	0.00	43167.92	43167.92	88122.01	44954.09
23+60.000	92.00	449.98	449.98	0.00	0.02	43617.91	43617.91	88122.03	44504.12
23+65.000	96.24	470.58	470.58	0.00	0.04	44088.48	44088.48	88122.07	44033.58
23+70.000	100.62	492.13	492.13	0.00	0.03	44580.62	44580.62	88122.09	43541.48
23+75.000	104.99	514.01	514.01	0.00	0.00	45094.62	45094.62	88122.10	43027.47
23+80.000	108.55	533.84	533.84	0.00	0.00	45628.47	45628.47	88122.10	42493.63
23+85.000	112.17	551.81	551.81	0.00	0.00	46180.27	46180.27	88122.10	41941.82
23+90.000	109.68	554.62	554.62	0.00	0.00	46734.90	46734.90	88122.10	41387.20
23+95.000	102.98	531.65	531.65	0.00	0.00	47266.54	47266.54	88122.10	40855.55
24+00.000	96.55	498.82	498.82	0.00	0.00	47765.37	47765.37	88122.10	40356.73
24+05.000	90.10	466.63	466.63	0.25	0.62	48232.00	48232.00	88122.71	39890.71
24+10.000	83.29	446.69	446.69	0.32	0.34	48678.69	48678.69	88123.06	39444.37
24+15.000	77.09	400.95	400.95	0.56	2.19	49079.64	49079.64	88125.25	39045.61
24+20.000	71.32	371.02	371.02	0.52	2.71	49450.66	49450.66	88127.95	38677.29



24+25.000	66.35	344.17	344.17	0.47	2.50	49794.83	49794.83	88130.45	38335.62	-
24+30.000	62.68	327.49	327.49	0.26	-1.13	50122.32	50122.32	88129.32	38007.01	-
24+35.000	48.48	279.61	279.61	0.76	2.01	50401.92	50401.92	88131.33	37729.41	-
24+40.000	45.37	234.63	234.63	1.38	5.37	50636.55	50636.55	88136.70	37500.15	-
24+45.000	44.31	224.21	224.21	1.75	7.85	50860.76	50860.76	88144.55	37283.78	-
24+50.000	49.27	231.85	231.85	0.78	8.12	51092.62	51092.62	88152.66	37060.05	-
24+55.000	48.10	243.06	243.06	1.12	5.06	51335.68	51335.68	88157.73	36822.04	-
24+60.000	42.60	226.73	226.73	1.24	5.88	51562.41	51562.41	88163.61	36601.20	-
24+65.000	36.99	198.97	198.97	0.85	5.22	51761.38	51761.38	88168.83	36407.45	-
24+70.000	31.46	171.14	171.14	0.70	3.87	51932.52	51932.52	88172.70	36240.18	-
24+75.000	26.17	144.09	144.09	1.14	4.60	52076.60	52076.60	88177.29	36100.69	-
24+80.000	22.34	118.78	118.78	2.40	10.88	52195.38	52195.38	88188.17	35992.79	-
24+85.000	19.24	103.96	103.96	3.41	14.52	52299.34	52299.34	88202.70	35903.36	-
24+90.000	16.27	88.76	88.76	4.06	18.66	52388.10	52388.10	88221.36	35833.26	-
24+95.000	13.48	74.36	74.36	4.18	20.59	52462.46	52462.46	88241.96	35779.49	-
25+00.000	11.34	62.04	62.04	3.82	20.00	52524.50	52524.50	88261.95	35737.45	-
25+05.000	9.87	51.38	51.38	5.87	35.33	52575.89	52575.89	88297.28	35721.39	-
25+10.000	10.09	49.89	49.89	8.10	34.92	52625.77	52625.77	88332.20	35706.42	-
25+15.000	10.25	50.84	50.84	8.21	40.79	52676.62	52676.62	88372.99	35696.37	-
25+20.000	9.55	49.49	49.49	6.11	35.82	52726.11	52726.11	88408.80	35682.69	-
25+25.000	8.26	44.52	44.52	5.36	28.68	52770.63	52770.63	88437.48	35666.85	-
25+30.000	7.36	39.06	39.06	5.83	27.97	52809.69	52809.69	88465.45	35655.76	-
25+35.000	5.67	32.60	32.60	5.66	28.73	52842.29	52842.29	88494.18	35651.90	-
25+40.000	4.06	24.34	24.34	6.05	29.27	52866.62	52866.62	88523.46	35656.83	-
25+45.000	2.70	16.91	16.91	6.88	32.33	52883.54	52883.54	88555.79	35672.25	-
25+50.000	1.68	10.95	10.95	7.62	36.25	52894.49	52894.49	88592.04	35697.55	-
25+55.000	1.72	8.49	8.49	5.90	33.80	52902.98	52902.98	88625.84	35722.86	-
25+60.000	4.07	14.48	14.48	4.87	26.93	52917.45	52917.45	88652.76	35735.31	-

25+65.000	7.19	28.17	28.17	3.54	21.02	52945.62	52945.62	88673.79	35728.17	-
25+70.000	9.89	42.71	42.71	2.44	14.94	52988.33	52988.33	88688.73	35700.40	-
25+75.000	9.74	47.23	47.23	1.94	16.01	53035.57	53035.57	88704.74	35669.18	-
25+80.000	8.25	44.98	44.98	1.41	8.39	53080.54	53080.54	88713.13	35632.59	-
25+85.000	6.54	36.97	36.97	0.60	5.04	53117.52	53117.52	88718.17	35600.66	-

Resto de tramos:

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Volumen reutilizable (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. desmonte acumul. (metros cúbicos)	Vol. reutilizable acumul. (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)	Vol. neto acumul. (pies cúbicos)
0+05.000	5.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0+10.000	5.62	27.96	27.96	0.00	0.00	27.96	27.96	0.00	27.96
0+15.000	5.62	26.09	26.09	0.00	0.00	54.05	54.05	0.00	54.05
0+20.000	6.24	27.39	27.39	0.00	0.00	81.44	81.44	0.00	81.44
0+25.000	6.23	31.18	31.18	0.00	0.00	112.62	112.62	0.00	112.62
0+30.000	6.11	30.84	30.84	0.00	0.00	143.46	143.46	0.00	143.46
0+35.000	5.94	29.42	29.42	0.00	0.00	172.88	172.88	0.00	172.88
0+40.000	6.12	30.15	30.15	0.00	0.00	203.03	203.03	0.00	203.03

P.K.	Área de desmonte (metros cuadrados)	Volumen de desmonte (metros cúbicos)	Volumen reutilizable (metros cúbicos)	Área de terraplén (metros cuadrados)	Volumen de terraplén (metros cúbicos)	Vol. desmonte acumul. (metros cúbicos)	Vol. reutilizable acumul. (metros cúbicos)	Vol. terraplén acumul. (metros cúbicos)	Vol. neto acumul. (pies cúbicos)
0+05.000	6.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0+10.000	6.43	33.90	33.90	0.01	0.05	33.90	33.90	0.05	33.86
0+15.000	5.93	21.69	21.69	1.00	3.47	55.59	55.59	3.52	52.07



2. MEDICIONES

Unidad	Descripción	Medición
CAPÍTULO 1. MOVIMIENTOS DE TIERRA		
m2	Desbroce y limpieza del terreno	
	Zona 1	
	Senda Batería Militar	5.904,71
	Senda 1	17.864,80
	Senda 2	9.488,12
	Senda a O Porto	1.047,32
	Aparcamiento Faro	1.025,06
	SUBTOTAL	35.330,01
	Zona 2	
	Senda Santa Comba	40.482,33
	Senda Isla Ermita	1.100,09
	Senda Isla Intermedia	457,11
	Tramo hacia merendero 2	482,91
	Tramo hacia escaleras	156,15
	Tramo entre reforestación	458,13
	Merendero 1	2.698,54
	Merendero 2	1.635,26
	Aparcamiento	8.448,06
	SUBTOTAL	55.918,57
	TOTAL	91.248,58
m3	Desmante	
	Zona 1	
	Senda Batería Militar	4.653,26
	Senda 1	28.291,39
	Senda 2	5.739,19
	Senda a O Porto	564,95
	Aparcamiento Faro	57,32
	SUBTOTAL	39.306,11
	Zona 2	
	Senda Santa Comba	53.117,52
	Senda Isla Ermita	122,00
	Senda Isla Intermedia	49,50
	Tramo hacia merendero 2	203,03
	Tramo hacia escaleras	55,59
	Tramo entre reforestación	240,47
	Merendero 1	132,54

	Merendero 2	579,85
	Aparcamiento	23.200,46
	SUBTOTAL	77.700,96
	TOTAL	117.007,07
m3	Terraplenado tierras propias	
	Zona 1	
	Senda Batería Militar	639,07
	Senda 1	6.034,88
	Senda 2	3.076,93
	Senda a O Porto	383,89
	Aparcamiento Faro	256,05
	SUBTOTAL	10.390,82
	Zona 2	
	Senda Santa Comba	88.718,17
	Senda Isla Ermita	0,00
	Senda Isla Intermedia	0,00
	Tramo hacia merendero 2	0,00
	Tramo hacia escaleras	3,52
	Tramo entre reforestación	0,85
	Merendero 1	0,00
	Merendero 2	473,00
	Aparcamiento	318,85
	SUBTOTAL	89.514,39
	TOTAL	99.905,21
CAPÍTULO 2. PAVIMENTOS Y FIRMES		
m3	Estabilización de explanada suelo seleccionado	
	Zona 1	
	Aparcamiento Faro	60,61
	SUBTOTAL	60,61
	Zona 2	
	Merendero 1	180,73
	Merendero 2	111,59
	Aparcamiento	473,90
	Tramo de acceso a aparcamiento	7,00
	SUBTOTAL	773,22
	TOTAL	833,83
m3	Base de zahorra artificial 98%	
	Zona 1	
	Aparcamiento Faro	121,22
	Senda Batería Militar	544,82
	Senda 1	1395,87
	Senda 2	970,57



	Senda a O Porto	92,13
	SUBTOTAL	3124,62
Zona 2		
	Aparcamiento	947,81
	Merendero 1	271,09
	Merendero 2	167,38
	Senda Santa Comba	3.234,03
	Senda Isla Ermita	76,18
	Senda Isla Intermedia	30,80
	Tramo hacia merendero 2	51,60
	Tramo hacia escaleras	11,25
	Tramo entre reforestación	30,95
	Tramo acceso a aparcamiento	21,00
	SUBTOTAL	4842,08
	TOTAL	7966,70
m2	Pavimento continuo Aripaq	
Zona 1		
	Senda Batería Militar	2.179,29
	Senda 1	5.583,50
	Senda 2	3.882,28
	Senda a O Porto	368,53
	SUBTOTAL	12.013,60
Zona 2		
	Senda Santa Comba	12.936,12
	Senda Isla Ermita	304,72
	Senda Isla Intermedia	123,19
	Tramo hacia merendero 2	206,38
	Tramo hacia escaleras	44,99
	Tramo entre reforestación	123,79
	SUBTOTAL	13.739,20
	TOTAL	25.752,79
m2	Recyfix, rejilla para césped	
Zona 1		
	Aparcamiento Faro	606,10
	SUBTOTAL	606,10
Zona 2		
	Aparcamiento	4.739,04
	SUBTOTAL	4.739,04
	TOTAL	5.345,14
m3	Tierra vegetal	
Zona 1		
	Aparcamiento Faro	60,61

	SUBTOTAL	60,61
Zona 2		
	Merendero 1	451,81
	Merendero 2	278,97
	Aparcamiento	473,90
	SUBTOTAL	1.204,69
	TOTAL	1.265,30
m3	Arena con gravilla	
Zona 1		
	Aparcamiento Faro	30,31
	SUBTOTAL	30,31
Zona 2		
	Aparcamiento	236,95
	SUBTOTAL	236,95
	TOTAL	267,26
t	Pavimento agl asf densa D-20	
Zona 2		
	Tramo acceso a aparcamiento	3,50
	TOTAL	3,50
t	Pavimento agl asf semidensa S-20	
Zona 2		
	Tramo acceso a aparcamiento	3,50
	TOTAL	3,50
m	Bordillo recto de hormigón	
Zona 1		
	Aparcamiento Faro	102,17
	SUBTOTAL	102,17
Zona 2		
	Aparcamiento	279,37
	SUBTOTAL	279,37
	TOTAL	381,54
m	Bordillo recto de madera	
Zona 1		
	Senda	10.296,59
	SUBTOTAL	10.296,59
Zona 2		
	Senda	7761,68
	SUBTOTAL	7761,68
	TOTAL	18.058,27
CAPÍTULO 3. DRENAJE		
m	Cuneta de jabre	
Zona 1		



	Senda	3.432,20
	SUBTOTAL	3.432,20
Zona 2		
	Senda	2.587,23
	SUBTOTAL	2.587,23
	TOTAL	6.019,42
CAPÍTULO 4. ESCALERAS		
m2	Escalera preparación	
Zona 1		
	Acceso a O Porto	20,30
Zona 2		
		0,00
	TOTAL	20,3
m2	Escalera pavimentado	
Zona 1		
	Acceso a O Porto	30,16
Zona 2		
		0,00
	TOTAL	30,16
m	Barandilla acero	
Zona 1		
	Acceso a O Porto	20,00
Zona 2		
		0,00
	TOTAL	20,00
CAPÍTULO 5. ESTRUCTURAS		
Zona 1		0,00
	SUBTOTAL	0,00
Zona 2		
Estructura de madera 1		1,00
Estructura de madera 2		1,00
	SUBTOTAL	2,00
	TOTAL	2,00
CAPÍTULO 6. JARDINERÍA		
ud		
Zona 1		0,00
	SUBTOTAL	0,00
Zona 2		
	Merenderos	16,00

	SUBTOTAL	16,00
	TOTAL	16,00
CAPÍTULO 7. MOBILIARIO URBANO		
ud	Mesa madera tablonos c/2 bancos	
Zona 1		0,00
	SUBTOTAL	0,00
Zona 2		
	Merenderos	17,00
	SUBTOTAL	17,00
	TOTAL	17,00
ud	Papelera de madera	
Zona 1		0,00
	SUBTOTAL	0,00
Zona 2		
	Merenderos	10,00
	SUBTOTAL	10,00
	TOTAL	10,00
CAPÍTULO 8. VARIOS		
Pa	Medio ambiente	1,00
Pa	Gestión de residuos	1,00
Pa	Seguridad y Salud	1,00
Pa	Limpieza y terminación de las obras	1,00



3. CUADRO DE PRECIOS N°1

Unidad	Descripción	Precio (€)
CAPÍTULO 1. MOVIMIENTOS DE TIERRA		
m2	Desbroce y limpieza del terreno Desbroce y limpieza del terreno, hasta una profundidad mínima de 25 cm, con medios mecánicos, retirada de los materiales excavados y carga a camión, sin incluir transporte a vertedero autorizado.	CERO EUROS con SETENTA Y TRES CÉNTIMOS 0,73
m3	Desmante Desmante en tierra, con empleo de medios mecánicos	DOS EUROS con NOVENTA Y SIETE CÉNTIMOS 2,97
m3	Terraplenado tierras propias Terraplenado, extendido y compactado con tierras procedentes de la excavación, mediante medios mecánicos. Incluso regado de las mismas y refino de taludes.	UN EURO con SESENTA CÉNTIMOS 1,60
CAPÍTULO 2. PAVIMENTOS Y FIRMES		
m3	Estabilización de explanada suelo seleccionado Estabilización mecánica de explanada con 2% de cal aérea compactada al 100% del PM.	DIEZ EUROS con OCHENTA CÉNTIMOS 10,80
m3	Base de zahorra artificial 98% Base granular de zahorra artificial, clasificada; extendida y perfilada con motoniveladora, compactación por tongada al 98% de PM, según PG-3, i/ humectación y alisado superficial.	VEINTICINCO EUROS con SETENTA Y DOS CÉNTIMOS 25,72
m2	Pavimento continuo Aripaq Pavimento continuo natural ARIPAQ, impermeabilizado y estabilizado, con ligante incoloro, basado en calcín de vidrio y reactivos básicos con tamaño de 20 micras en el percentil 50, con patente europea, de 10 cm de espesor, extendido, nivelado, ensayado por organismo oficial competente	VEINTIDÓS EUROS con OCHO CÉNTIMOS 22,08
m2	Recyfix, rejilla para césped Rejilla para césped con capacidad de carga de 200 tm/m2. Color verde. 3,8 Unidades por metro cuadrado. Uso exclusivo en zonas de aparcamiento de vehículos ligeros o zonas de paso peatonal. 387 mm Longitud x 38 mm Alto x 555 mm Ancho.	QUINCE EUROS con VEINTE CÉNTIMOS 15,20
m3	Tierra vegetal Suministro, extendido y perfilado de tierra vegetal arenosa, limpia y cribada con medios manuales, suministrada a granel.	VEINTE EUROS con SESENTA Y OCHO CÉNTIMOS 20,68
m3	Arena con gravilla Suministro, extendido y perfilado de arena con gravilla, limpia y cribada con medios manuales, suministrada a granel. Extendido mediante rodillo vibrante.	DOS EUROS con CUATRO CÉNTIMOS 2,04
t	Pavimento agl asf densa D-20	

t	Pavimento de aglomerado asfáltico en caliente, elaborado en planta, de composición densa D-20, con árido granítico; extendida y compactada al 98% del ensayo Marshall, según PG-3	CUARENTA Y UN EUROS con VEINTIOCHO CÉNTIMOS	41,28
t	Pavimento agl asf semidensa S-20		
m	Pavimento de aglomerado asfáltico en caliente, elaborado en planta, de composición semidensa S-20, con árido granítico; extendida y compactada al 98% del ensayo Marshall, según PG-3	TREINTA Y NUEVE EUROS con DOS CÉNTIMOS	39,02
m	Bordillo recto de hormigón Bordillo recto de piezas de hormigón prefabricado, sobre base de hormigón HM-20; colocado en explanada compactada, según PG-3, rejuntando con mortero de cemento M-5 y trasdós.	DIECIOCHO EUROS con DOS CÉNTIMOS	18,02
m	Bordillo recto de madera Bordillo obtenido por aserrado del tronco de pino y sometido a un proceso de secado y posteriormente tratamiento en Autoclave.	CATORCE EUROS CON OCHENTA Y DOS CÉNTIMOS	14,82
CAPÍTULO 3. DRENAJE			
m	Cuneta de jabre		
	Cuneta de jabre sobre base de zahorra.	CUARENTA Y DOS EUROS con VEINTINUEVE CÉNTIMOS	42,29
CAPÍTULO 4. ESCALERAS			
m2	Escalera preparación	OCHENTA Y OCHO EUROS con OCHENTA Y UN CÉNTIMOS	88,81
m2	Escalera pavimentado Pavimento de losas rectangulares de piedra granítica sobre preparación de escalera existente, cara superior abujardada fina de 4 cm de espesor, sentadas con mortero de cemento, incluido recatado, rejuntado con lechada de cemento y limpieza, terminado.	SETECIENTOS VEINTISEIS EUROS con SETENTA Y SIETE CÉNTIMOS	726,77
m	Barandilla acero Suministro y colocación de barandilla de protección de zona verde realizada con redondo de acero de 16 mm de diámetro formando nudos, con barrotes verticales soldados a una pletina corrida inferior, de una altura libre de 1 m, terminado en oxirón, recibido de pies en dados de hormigón de 0,2x0,2x0,2 m, remates de pavimento y limpieza.	CIENTO DIECIOCHO EUROS con NOVENTA Y NUEVE CÉNTIMOS	118,99



CAPÍTULO 5. ESTRUCTURAS			
ud	Estructura de madera 1 Estructura de madera laminada de 50 metros de longitud, constituida por 4 vigas longitudinales de 0,96 metros de canto con espacio entre vigas cubierto por correas Estructura de madera laminada de 50 metros de longitud, constituida por 4 vigas longitudinales de 0,96 metros de canto con espacio entre vigas cubierto por correas transversales	CIENTO NOVENTA Y CINCO MIL CUATROCIENTOS SETENTA Y DOS EUROS con NOVENTA Y DOS CÉNTIMOS	195472,9
ud	Estructura de madera 2 Estructura de madera laminada de 24 metros de longitud constituida por 4 vigas longitudinales de 0,96 metros de canto con espacio entre vigas cubierto por correas transversales	SESENTA Y DOS MIL TRESCIENTOS EUROS con SESENTA CÉNTIMOS	72.300,60
CAPÍTULO 6. JARDINERÍA			
ud	Pinus Pinea (2 - 2,5 m) Pinus Pinea (Pino piñonero) de 2 a 2,5 m de altura, suministrado en cepellón y plantación en hoyo de 1x1x1m, incluso apertura del mismo con los medios indicados, abonado, formación de alcorque y primer riego.	CIENTO DIEZ EUROS con CUATRO CÉNTIMOS	110,04
CAPÍTULO 7. MOBILIARIO URBANO			
ud	Mesa madera tablonos c/2 bancos Suministro y colocación de una mesa rústica de dos bancos adosados, cuatro tablonos de tablero y uno en cada asiento, estructura, tablero y asientos de madera tratada en autoclave, formando todo ello una sola pieza, instalada.	CUATROCIENTOS NUEVE EUROS con OCHENTA Y NUEVE CÉNTIMOS	409,89
ud	Papelera de madera Suministro y colocación de papelera, de cubeta cilíndrica en plancha embutida de 2 mm, zincada, fosfatada y tratamiento anticorrosivo, de 30 l de capacidad, y con 0,7 m y 0,46m de diámetro, instalada.	CIENTO VEINTISIETE EUROS con OCHENTA Y SIETE CÉNTIMOS	127,87
CAPÍTULO 8. VARIOS			
Pa	Medio ambiente Partida alzada para vigilancia ambiental	SESENTA Y OCHO MIL NOVECIENTOS TRENTA Y UN EUROS	68.931

Pa	Gestión de residuos Partida alzada para gestión de residuos	VEINTIDOS MIL NOVECIENTOS SETENTA Y SIETE EUROS	22.977
Pa	Seguridad y Salud Partida alzada para seguridad y salud	TREINTA Y CUATRO MIL CUATROCIENTOS SESENTA Y CINCO EUROS	34.465
Pa	Limpieza y terminación de las obras Partida alzada de abono íntegro para limpieza y terminación de las obras	VEINTISIETE MIL QUINIENTOS SETENTA Y DOS EUROS	27.572



4. PRESUPUESTO

Unidad	Descripción	Medición	Precio	Importe
CAPÍTULO 1. MOVIMIENTOS DE TIERRAS				
m2	Desbroce y limpieza del terreno	91.248,58	0,73	66.611,46
m3	Desmante	117.007,07	2,97	347.511,00
m3	Terraplenado tierras propias	99.905,21	1,60	159.848,34
			TOTAL	573.970,80
CAPÍTULO 2. FIRMES Y PAVIMENTOS				
m3	Estabilización de explanada suelo seleccionado	833,83	10,80	9.005,32
m3	Base de zahorra artificial 98%	7.966,70	25,72	204.903,42
m2	Pavimento continuo Aripaq	25.752,79	22,08	568.621,65
m2	Recyfix, rejilla para césped	5.345,14	15,20	81.246,16
m3	Tierra vegetal	1.265,30	20,68	26.166,35
m3	Arena con gravilla	267,26	2,04	545,21
t	Pavimento agl asf densa D-20	3,50	41,28	144,48
t	Pavimento agl asf semidensa S-20	3,50	39,02	136,57
m	Bordillo recto de hormigón	381,54	18,02	6.875,35
m	Bordillo recto de madera	18.058,27	14,82	267.623,50
			TOTAL	1.165.268,01
CAPÍTULO 3. DRENAJE				
m	Cuneta de jabre	6.019,42	42,29	254.561,36
			TOTAL	254.561,36
CAPÍTULO 4. ESCALERAS				
m2	Escalera preparación	20,30	88,81	1.802,84
m2	Escalera pavimentado	30,16	726,77	21.919,38
m	Barandilla acero	20,00	118,99	2.379,80
			TOTAL	26.102,03
CAPÍTULO 5. ESTRUCTURAS				
	Estructura de madera 1	1,00	195.472,92	195.472,92
	Estructura de madera 2	1,00	72.300,60	72.300,60
			TOTAL	267.773,52
CAPÍTULO 6. JARDINERÍA				
ud	Pinus Pinea (2 - 2,5 m)	16,00	110,04	1.760,64
			TOTAL	1.760,64
CAPÍTULO 7. MOBILIARIO URBANO				
ud	Mesa madera tablonces c/2 bancos	17,00	409,89	6.968,13
ud	Papelera de madera	10,00	127,87	1.278,70
			TOTAL	8.246,83

CAPÍTULO 8. VARIOS				
Pa	Medio ambiente	1	68.930	68.930,50
Pa	Gestión de residuos	1	22.977	22.976,83
Pa	Seguridad y Salud	1	34.465	34.465,25
Pa	Limpieza y terminación de las obras	1	27.572	27.572,20
			TOTAL	153.944,77



5. RESUMEN DEL PRESUPUESTO

CAPÍTULO	DESCRIPCIÓN	IMPORTE	PORCENTAJE
1	Movimientos de tierra	573.970,80	23,41
2	Pavimentos y firmes	1.165.268,01	47,53
3	Drenaje	254.561,36	10,38
4	Escaleras	26.102,03	1,06
5	Estructuras	267.773,52	10,92
6	Jardinería	1.760,64	0,07
7	Mobiliario urbano	8.246,83	0,34
8	Varios	153.944,77	6,28
PRESUPUESTO DE EJECUCIÓN MATERIAL		2.451.627,96	
	17,00% Gastos generales	416.776,75	
	6,00% Beneficio industrial	147.097,68	
PRESUPUESTO BASE DE LICITACIÓN SIN IVA		3.015.502,39	
	21 % IVA	633.255,50	
PRESUPUESTO BASE DE LICITACIÓN MÁS IVA		3.648.757,89	
	Expropiaciones	267.823,64	
PRESUPUESTO DE INVERSIÓN		3.916.581,53	

Asciende el presupuesto general a la expresada cantidad de TRES MILLONES NOVECIENTOS DIECISEIS MIL QUINIENTOS OCHENTA Y UN EUROS con CINCUENTA Y TRES CÉNTIMOS.

A Coruña, Octubre 2015

La autora del anteproyecto:

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