

RELATÓRIO DE VOLUMES

CLIENTE: PREFEITURA MUNICIPAL DE SÃO JERÔNIMO
 LOCAL: ESTRADA GERAL SÃO JERÔNIMO_T2

ESTACA	ÁREA CORTE (m ²)	VOLUME CORTE (m ³)	ÁREA ATERRO (m ³)	VOLUME ATERRO (m ³)	VOLUME CORTE ACUMULADO (m ³)	VOLUME ATERRO ACUMULADO (m ³)
9+60.000	0.00	0.00	0.00	0.00	0.00	0.00
9+80.000	0.00	0.00	0.00	0.00	0.00	0.00
10+00.000	0.00	0.00	0.00	0.00	0.00	0.00
10+20.000	0.00	0.00	0.00	0.00	0.00	0.00
10+27.985	0.00	0.00	0.00	0.00	0.00	0.00
10+39.908	0.00	0.00	0.00	0.00	0.00	0.00
10+40.000	0.00	0.00	0.00	0.00	0.00	0.00
10+51.831	0.00	0.00	0.00	0.00	0.00	0.00
10+60.000	0.00	0.00	0.00	0.00	0.00	0.00
10+70.908	0.00	0.00	0.00	0.00	0.00	0.00
10+80.000	0.00	0.00	0.00	0.00	0.00	0.00
11+00.000	0.00	0.00	0.00	0.00	0.00	0.00
11+20.000	0.00	0.00	0.00	0.00	0.00	0.00
11+36.230	0.00	0.00	0.00	0.00	0.00	0.00
11+40.000	0.00	0.00	0.00	0.00	0.00	0.00
11+55.307	0.00	0.00	0.00	0.00	0.00	0.00
11+60.000	0.00	0.00	0.00	0.00	0.00	0.00
11+67.230	0.00	0.00	0.00	0.00	0.00	0.00
11+79.154	0.00	0.00	0.00	0.00	0.00	0.00
11+80.000	2.07	0.00	0.52	0.00	0.00	0.00
12+00.000	3.52	55.94	0.30	8.21	55.94	8.21
12+20.000	4.13	76.52	0.07	3.75	132.46	11.96
12+40.000	6.47	106.04	0.24	3.19	238.50	15.14
12+60.000	8.68	151.54	0.08	3.24	390.04	18.39
12+80.000	8.58	172.62	0.12	2.03	562.66	20.41
13+00.000	7.39	159.65	0.11	2.38	722.31	22.79
13+14.678	7.23	107.25	0.08	1.43	829.55	24.22
13+20.000	5.89	34.89	0.15	0.62	864.45	24.84

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 LOCAL: ESTRADA GERAL SÃO JERÔNIMO_T2

ESTACA	ÁREA CORTE (m ²)	VOLUME CORTE (m ³)	ÁREA ATERRO (m ³)	VOLUME ATERRO (m ³)	VOLUME CORTE ACUMULADO (m ³)	VOLUME ATERRO ACUMULADO (m ³)
13+26.443	5.19	35.67	0.24	1.28	900.11	26.12
13+38.207	4.59	57.51	0.99	7.24	957.63	33.36
13+40.000	3.66	7.39	1.47	2.20	965.02	35.56
13+46.443	3.50	23.05	1.29	8.91	988.07	44.47
13+60.000	3.87	49.61	0.98	15.53	1037.68	60.00
13+80.000	5.77	95.71	0.79	17.81	1133.39	77.81
14+00.000	8.43	140.61	0.69	14.88	1274.00	92.69
14+20.000	9.22	174.80	0.00	6.97	1448.80	99.67
14+40.000	11.55	206.03	0.00	0.00	1654.83	99.67
14+44.283	11.78	49.95	0.00	0.00	1704.77	99.67
14+52.518	10.58	92.05	0.00	0.00	1796.82	99.67
14+60.000	10.05	77.17	0.00	0.00	1873.99	99.67
14+64.283	9.72	42.34	0.00	0.00	1916.33	99.67
14+76.047	8.56	107.54	0.00	0.00	2023.87	99.67
14+80.000	8.18	33.09	0.00	0.00	2056.95	99.67
15+00.000	4.56	127.38	0.00	0.03	2184.33	99.69
15+20.000	3.35	79.04	0.55	5.56	2263.37	105.25
15+40.000	2.25	55.95	1.85	23.98	2319.32	129.24
15+60.000	2.26	45.10	2.51	43.59	2364.42	172.83
15+80.000	2.31	45.70	0.36	28.79	2410.12	201.61
16+00.000	1.11	34.17	2.05	24.11	2444.29	225.72
16+20.000	1.05	21.57	3.01	50.56	2465.86	276.28
16+40.000	1.45	24.99	3.29	63.02	2490.84	339.30
16+60.000	3.39	48.41	3.48	67.74	2539.25	407.04
16+80.000	3.55	69.38	3.07	65.52	2608.63	472.56
17+00.000	4.72	82.71	2.58	56.48	2691.34	529.03
17+20.000	4.34	90.61	1.61	41.91	2781.95	570.94
17+40.000	4.29	86.33	0.06	16.72	2868.28	587.66

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 LOCAL: ESTRADA GERAL SÃO JERÔNIMO_T2

ESTACA	ÁREA CORTE (m ²)	VOLUME CORTE (m ³)	ÁREA ATERRO (m ³)	VOLUME ATERRO (m ³)	VOLUME CORTE ACUMULADO (m ³)	VOLUME ATERRO ACUMULADO (m ³)
17+60.000	5.09	93.86	0.17	2.31	2962.14	589.97
17+80.000	3.95	90.39	0.91	10.81	3052.53	600.79
17+88.401	3.97	33.26	1.17	8.72	3085.79	609.51
18+00.000	2.21	35.86	1.07	12.98	3121.66	622.49
18+00.470	2.14	1.02	1.08	0.50	3122.68	622.99
18+12.539	1.96	24.76	1.96	18.32	3147.43	641.31
18+20.000	2.42	16.33	2.62	17.06	3163.76	658.37
18+35.470	2.23	35.53	3.63	48.41	3199.29	706.79
18+40.000	1.72	8.80	4.15	17.70	3208.09	724.48
18+60.000	1.63	33.50	5.72	99.05	3241.59	823.53
18+80.000	2.18	38.27	6.13	118.85	3279.85	942.38
18+88.614	2.74	21.00	6.34	53.89	3300.85	996.26
19+00.000	4.04	37.99	6.46	73.18	3338.85	1069.45
19+11.545	5.27	53.77	6.31	73.72	3392.62	1143.17
19+20.000	6.78	50.95	5.67	50.67	3443.57	1193.84
19+23.614	7.19	25.24	5.46	20.11	3468.82	1213.95
19+35.683	8.40	94.04	3.96	56.82	3562.86	1270.77
19+40.000	8.50	36.47	3.37	15.81	3599.33	1286.58
19+60.000	10.57	193.56	0.28	36.42	3792.89	1323.00
19+80.000	12.17	227.92	0.01	2.94	4020.81	1325.94
20+00.000	13.17	253.40	0.00	0.12	4274.21	1326.06
20+20.000	12.02	251.94	0.00	0.00	4526.15	1326.06
20+40.000	8.72	207.45	0.02	0.17	4733.60	1326.22
20+60.000	6.41	151.37	0.14	1.54	4884.97	1327.76
20+80.000	4.10	105.14	0.65	7.88	4990.11	1335.64
21+00.000	3.57	76.64	1.00	16.49	5066.75	1352.13
21+20.000	4.17	77.33	1.73	27.33	5144.08	1379.46
21+40.000	2.55	67.21	2.75	44.84	5211.29	1424.30

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21+60.000	2.11	46.58	3.36	61.13	5257.87	1485.43
21+80.000	2.96	50.61	4.65	80.11	5308.48	1565.54
22+00.000	2.46	54.17	5.46	101.09	5362.65	1666.62
22+20.000	2.31	47.72	6.28	117.40	5410.37	1784.02
22+40.000	2.83	51.40	5.65	119.30	5461.78	1903.32
22+60.000	3.25	60.82	4.21	98.59	5522.59	2001.92
22+80.000	4.05	73.01	2.00	62.11	5595.60	2064.03
23+00.000	6.77	108.20	0.07	20.73	5703.80	2084.76
23+20.000	10.09	168.62	0.00	0.69	5872.42	2085.45
23+40.000	15.42	255.09	0.00	0.00	6127.51	2085.45
23+60.000	18.13	335.49	0.00	0.00	6463.00	2085.45
23+80.000	19.03	371.64	0.00	0.00	6834.64	2085.45
24+00.000	17.41	364.39	0.00	0.00	7199.03	2085.45
24+20.000	15.27	326.72	0.00	0.00	7525.75	2085.45
24+40.000	13.88	291.48	0.00	0.00	7817.23	2085.45
24+60.000	10.96	248.42	0.00	0.00	8065.65	2085.45
24+80.000	8.97	199.34	0.00	0.00	8265.00	2085.45
25+00.000	6.51	154.84	0.00	0.00	8419.83	2085.45
25+20.000	3.96	104.67	0.73	7.27	8524.51	2092.72
25+40.000	3.91	78.64	1.12	18.47	8603.14	2111.20
25+60.000	2.12	60.21	2.91	40.30	8663.35	2151.50
25+80.000	1.76	38.78	4.48	73.88	8702.13	2225.38
26+00.000	1.88	36.47	5.65	101.27	8738.60	2326.65
26+20.000	3.28	51.59	7.67	133.19	8790.18	2459.84
26+40.000	2.58	58.53	5.55	132.23	8848.71	2592.07
26+60.000	2.08	46.58	4.01	95.60	8895.29	2687.67
26+80.000	6.10	81.81	1.24	52.46	8977.10	2740.12
27+00.000	8.22	143.25	0.09	13.29	9120.36	2753.42

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27+11.779	9.66	105.31	0.00	0.54	9225.67	2753.95
27+20.000	8.10	72.97	0.00	0.00	9298.64	2753.96
27+23.848	7.29	29.61	0.00	0.02	9328.25	2753.98
27+35.917	4.89	73.49	0.33	2.07	9401.74	2756.04
27+40.000	4.66	19.49	1.04	2.81	9421.23	2758.86
27+58.848	0.02	43.62	6.89	74.83	9464.85	2833.68
27+60.000	0.00	0.01	7.35	8.20	9464.86	2841.88
27+80.000	0.00	0.00	13.39	207.04	9464.87	3048.92
28+00.000	0.00	0.00	20.40	337.56	9464.87	3386.48
28+20.000	0.00	0.00	25.74	460.86	9464.87	3847.34
28+40.000	0.00	0.00	30.90	565.18	9464.87	4412.52
28+48.444	0.00	0.00	32.42	267.02	9464.87	4679.54
28+60.000	0.00	0.00	34.47	386.95	9464.87	5066.48
28+71.375	0.00	0.00	36.02	400.93	9464.87	5467.41
28+80.000	0.00	0.00	36.88	314.37	9464.87	5781.78
28+83.444	0.00	0.00	37.22	127.59	9464.87	5909.37
28+95.513	1.53	9.21	32.77	422.32	9474.08	6331.70
29+00.000	1.76	7.36	32.31	146.01	9481.44	6477.70
29+20.000	1.36	31.18	35.30	676.12	9512.62	7153.82
29+40.000	1.57	29.37	32.28	675.78	9541.98	7829.61
29+60.000	2.31	38.82	27.78	600.57	9580.81	8430.18
29+80.000	3.92	62.26	20.37	481.47	9643.06	8911.64
30+00.000	5.34	92.58	11.29	316.62	9735.64	9228.26
30+20.000	9.03	143.71	3.59	148.85	9879.35	9377.11
30+40.000	9.68	187.11	0.56	41.55	10066.46	9418.66
30+60.000	12.56	222.43	0.07	6.29	10288.89	9424.95
30+80.000	17.12	296.86	0.07	1.38	10585.76	9426.33
31+00.000	16.39	335.11	0.21	2.85	10920.87	9429.18

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31+20.000	14.43	308.17	0.42	6.35	11229.04	9435.53
31+40.000	10.40	248.28	0.42	8.39	11477.32	9443.92
31+60.000	9.05	194.49	1.58	19.95	11671.81	9463.87
31+80.000	9.30	183.53	2.18	37.53	11855.35	9501.40
32+00.000	12.91	222.13	1.47	36.50	12077.47	9537.91
32+20.000	16.68	295.90	1.53	30.04	12373.37	9567.95
32+20.145	16.70	2.42	1.53	0.22	12375.79	9568.17
32+32.319	13.51	183.86	2.55	24.87	12559.66	9593.04
32+40.000	13.85	105.10	2.53	19.53	12664.75	9612.57
32+44.493	14.21	63.06	2.53	11.37	12727.81	9623.94
32+60.000	19.50	261.57	0.98	27.17	12989.38	9651.10
32+60.319	19.54	6.23	0.97	0.31	12995.61	9651.41
32+80.000	11.19	303.84	0.75	16.95	13299.45	9668.36
33+00.000	4.59	159.59	0.85	16.04	13459.04	9684.40
33+10.749	10.60	82.78	0.74	8.50	13541.82	9692.90
33+20.000	8.98	92.15	0.78	6.97	13633.98	9699.88
33+26.575	7.49	54.14	1.16	6.37	13688.11	9706.25
33+38.749	7.04	88.46	0.42	9.62	13776.57	9715.87
33+40.000	6.93	8.74	0.36	0.49	13785.31	9716.36
33+50.923	8.27	83.00	0.10	2.52	13868.31	9718.88
33+60.000	8.85	77.71	0.05	0.70	13946.02	9719.58
33+73.577	5.96	100.54	0.06	0.76	14046.56	9720.34
33+80.000	5.78	37.71	0.06	0.38	14084.27	9720.72
33+85.452	5.55	30.90	0.05	0.30	14115.18	9721.03
33+97.327	12.93	109.72	0.00	0.31	14224.90	9721.34
34+00.000	14.39	36.52	0.00	0.00	14261.41	9721.34
34+04.452	14.69	64.74	0.00	0.00	14326.15	9721.34
34+20.000	12.22	208.76	0.00	0.05	14534.91	9721.39

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34+40.000	7.11	193.18	0.33	3.39	14728.09	9724.78
34+60.000	4.69	117.94	0.06	3.90	14846.03	9728.68
34+80.000	3.90	86.00	0.65	7.05	14932.03	9735.73
35+00.000	3.13	70.43	0.45	11.01	15002.47	9746.74
35+20.000	4.30	74.39	0.45	9.01	15076.85	9755.75
35+40.000	5.22	95.42	0.00	4.54	15172.27	9760.28
35+60.000	7.01	122.72	0.00	0.06	15294.99	9760.34
35+80.000	9.96	170.28	0.00	0.00	15465.28	9760.34
36+00.000	13.72	237.75	0.00	0.00	15703.02	9760.34
36+05.724	14.99	82.19	0.00	0.00	15785.21	9760.34
36+12.849	11.93	95.93	0.00	0.00	15881.14	9760.34
36+20.000	12.11	85.98	0.00	0.00	15967.12	9760.34
36+24.724	12.18	57.38	0.00	0.00	16024.50	9760.34
36+36.599	12.58	147.04	0.08	0.45	16171.54	9760.79
36+40.000	12.56	42.76	0.07	0.24	16214.30	9761.03
36+60.000	10.41	229.74	0.18	2.41	16444.04	9763.44
36+80.000	7.89	183.03	0.19	3.64	16627.07	9767.08
37+00.000	4.91	127.98	0.10	2.88	16755.05	9769.96
37+20.000	10.48	153.92	0.00	1.00	16908.97	9770.96
37+35.328	12.38	175.27	0.00	0.00	17084.24	9770.96
37+40.000	13.02	59.34	0.00	0.00	17143.58	9770.96
37+47.147	10.87	85.38	0.00	0.00	17228.96	9770.96
37+58.965	11.49	132.15	0.00	0.00	17361.11	9770.96
37+60.000	11.62	11.96	0.00	0.00	17373.07	9770.96
37+60.147	11.64	1.70	0.00	0.00	17374.78	9770.96
37+75.387	10.39	167.83	0.07	0.54	17542.61	9771.50
37+76.569	10.02	12.06	0.07	0.08	17554.67	9771.58
37+80.000	9.32	33.18	0.08	0.26	17587.85	9771.84

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37+88.387	8.29	73.85	0.06	0.60	17661.70	9772.44
38+00.000	11.36	114.09	0.06	0.71	17775.79	9773.15
38+00.205	11.33	2.32	0.07	0.01	17778.11	9773.16
38+20.000	12.02	231.14	0.80	8.59	18009.25	9781.74
38+40.000	8.81	208.35	0.83	16.27	18217.60	9798.02
38+60.000	10.60	194.16	0.14	9.66	18411.77	9807.68
38+80.000	16.85	274.50	0.23	3.68	18686.26	9811.36
39+00.000	13.03	298.77	0.21	4.40	18985.04	9815.77
39+20.000	13.06	260.94	0.47	6.80	19245.97	9822.57
39+40.000	15.11	281.79	1.37	18.38	19527.76	9840.95
39+60.000	11.89	270.01	3.99	53.56	19797.77	9894.52
39+80.000	9.94	218.27	3.73	77.11	20016.03	9971.63
40+00.000	3.88	138.20	5.14	88.67	20154.24	10060.30
40+20.000	1.60	54.85	7.49	126.31	20209.09	10186.62
40+40.000	1.57	31.78	9.20	166.86	20240.88	10353.47
40+60.000	1.52	30.95	9.84	190.38	20271.82	10543.85
40+80.000	1.66	31.83	8.10	179.38	20303.65	10723.23
41+00.000	1.51	31.68	5.53	136.30	20335.33	10859.53
41+20.000	1.37	28.71	3.03	85.62	20364.04	10945.15
41+40.000	1.86	32.28	0.97	39.99	20396.32	10985.14
41+60.000	7.81	96.68	0.00	9.71	20493.00	10994.85
41+80.000	14.53	223.32	0.00	0.00	20716.32	10994.85
42+00.000	21.79	363.20	0.00	0.00	21079.52	10994.85
42+20.000	24.45	462.49	0.00	0.00	21542.01	10994.85
42+40.000	23.29	477.47	0.00	0.00	22019.48	10994.85
42+60.000	20.74	440.37	0.00	0.00	22459.85	10994.85
42+80.000	13.02	337.62	0.00	0.00	22797.47	10994.85
43+00.000	3.63	166.48	0.01	0.11	22963.95	10994.96

RELATÓRIO DE VOLUMES

CLIENTE: PREFEITURA MUNICIPAL DE SÃO JERÔNIMO
 LOCAL: ESTRADA GERAL SÃO JERÔNIMO_T2

ESTACA	ÁREA CORTE (m ²)	VOLUME CORTE (m ³)	ÁREA ATERRO (m ³)	VOLUME ATERRO (m ³)	VOLUME CORTE ACUMULADO(m ³)	VOLUME ATERRO ACUMULADO (m ³)
43+20.000	1.58	52.10	2.34	23.53	23016.05	11018.48
43+40.000	1.82	34.02	4.72	70.59	23050.07	11089.07
43+60.000	2.13	39.54	7.30	120.16	23089.62	11209.23
43+80.000	2.38	45.11	9.24	165.41	23134.73	11374.65
44+00.000	1.72	40.98	10.95	201.88	23175.71	11576.53
44+20.000	1.65	33.67	12.21	231.61	23209.38	11808.14
44+40.000	1.11	27.58	9.96	221.72	23236.96	12029.86
44+60.000	1.27	23.75	10.87	208.25	23260.71	12238.11
44+80.000	1.35	26.18	10.26	211.28	23286.89	12449.39
45+00.000	2.50	38.54	8.45	187.14	23325.43	12636.54
45+20.000	1.10	36.02	4.84	132.95	23361.45	12769.49
45+40.000	1.75	28.54	2.78	76.23	23389.99	12845.72
45+60.000	5.47	72.27	0.38	31.67	23462.26	12877.39
45+80.000	14.75	202.28	0.00	3.84	23664.54	12881.23
46+00.000	26.88	416.31	0.00	0.00	24080.86	12881.23
46+20.000	32.26	591.34	0.00	0.00	24672.19	12881.23
46+40.000	33.76	660.18	0.00	0.00	25332.37	12881.23
46+60.000	30.66	644.17	0.00	0.00	25976.55	12881.23
46+80.000	15.13	457.86	0.00	0.00	26434.41	12881.23
47+00.000	13.26	283.94	3.06	30.60	26718.35	12911.83
47+20.000	9.04	223.06	1.25	43.05	26941.41	12954.88
47+40.000	10.48	195.22	0.00	12.45	27136.63	12967.33
47+60.000	11.84	223.23	0.00	0.00	27359.86	12967.33
47+80.000	9.10	209.42	0.00	0.00	27569.28	12967.33
48+00.000	4.90	140.00	0.07	0.74	27709.28	12968.07
48+20.000	2.96	78.54	0.02	0.93	27787.82	12969.01
48+32.402	0.00	18.35	0.00	0.12	27806.17	12969.13