

RELATÓRIO DE CUBAÇÃO - VIA DE LIGAÇÃO GUARÁ E NÚCLEO BANDEIRANTE

PROJETO GEOMÉTRICO 085/2021

<u>Estaca</u>	<u>Semi Distância (m)</u>	<u>Área de Corte (m²)</u>	<u>Volume de Corte (m³)</u>	<u>Área de Aterro (m²)</u>	<u>Volume Aterro (m³)</u>	<u>Vol. Acum. Corte (m³)</u>
-0+10.159	0.00	1.92	0.00	0.02	0.00	0.00
0+0.000	5.08	2.05	20.20	0.02	0.25	20.20
1+0.000	10.00	4.81	70.71	0.00	0.28	90.92
2+0.000	10.00	4.11	86.27	0.03	0.28	177.18
3+0.000	10.00	6.43	105.94	0.02	0.51	283.12
4+0.000	10.00	20.33	264.54	1.08	11.04	547.66
5+0.000	10.00	26.26	562.16	2.54	39.21	1109.82
6+0.000	10.00	30.37	625.47	2.51	52.86	1735.29
7+0.000	10.00	25.71	560.76	1.41	39.13	2296.05
8+0.000	10.00	38.09	445.12	2.24	53.51	2741.17
9+0.000	10.00	20.06	626.19	2.40	30.30	3367.35
10+0.000	10.00	19.66	397.13	1.83	42.27	3764.49
11+0.000	10.00	23.26	429.14	1.63	34.56	4193.63
12+0.000	10.00	31.22	544.80	0.72	23.51	4738.43
13+0.000	10.00	40.01	712.30	0.00	7.25	5450.73
14+0.000	10.00	47.96	879.73	0.00	0.00	6330.46
15+0.000	10.00	47.89	958.51	0.00	0.00	7288.97
16+0.000	10.00	38.86	867.44	0.00	0.00	8156.41
17+0.000	10.00	29.20	680.53	0.15	1.46	8836.94
18+0.000	10.00	22.63	518.21	0.45	5.99	9355.15
19+0.000	10.00	18.86	414.81	0.97	14.19	9769.96
20+0.000	10.00	18.16	370.15	1.64	26.02	10140.11
21+0.000	10.00	19.41	375.69	2.45	40.88	10515.80
22+0.000	10.00	19.13	385.37	1.71	41.58	10901.18
23+0.000	10.00	19.48	386.11	1.82	35.24	11287.28
24+0.000	10.00	18.94	384.20	1.49	33.13	11671.48
25+0.000	10.00	16.75	356.83	1.98	34.73	12028.31
26+0.000	10.00	49.80	656.46	0.00	4.44	12684.77
27+0.000	10.00	17.13	509.32	4.21	52.03	13194.09
28+0.000	10.00	15.77	328.98	4.10	83.06	13523.07
29+0.000	10.00	20.80	464.76	8.89	121.21	13987.83
30+0.000	10.00	46.16	944.50	0.00	80.53	14932.33
31+0.000	10.00	16.09	841.92	2.93	28.25	15774.25
32+0.000	10.00	0.05	179.55	58.19	719.83	15953.80
33+0.000	10.00	0.00	0.44	57.89	1293.05	15954.24
34+0.000	10.00	0.00	0.00	92.23	878.28	15954.24
35+0.000	10.00	0.00	0.00	37.99	1564.42	15954.24
36+0.000	10.00	0.46	4.62	31.21	691.94	15958.87
37+0.000	10.00	0.19	6.50	34.63	658.39	15965.36
38+0.000	10.00	0.00	1.87	42.50	771.29	15967.23
39+0.000	10.00	0.00	0.00	48.66	911.58	15967.23
40+0.000	10.00	0.00	0.08	47.43	976.47	15967.32
41+0.000	10.00	0.00	0.07	39.55	898.24	15967.39
42+0.000	10.00	0.00	0.01	31.14	726.94	15967.41
43+0.000	10.00	17.54	175.45	4.26	354.07	16142.86
44+0.000	10.00	37.61	551.51	0.65	49.14	16694.37
45+0.000	10.00	31.05	686.56	2.45	30.99	17380.93
46+0.000	10.00	0.00	310.49	31.87	343.15	17691.42
47+0.000	10.00	0.00	0.00	26.93	587.94	17691.42
48+0.000	10.00	0.00	0.03	36.06	614.58	17691.45
49+0.000	10.00	0.00	0.03	39.75	732.27	17691.47
50+0.000	10.00	0.16	1.39	44.84	830.05	17692.87
51+0.000	10.00	0.06	2.18	54.37	992.08	17695.04
52+0.000	10.00	0.00	0.62	58.44	1128.04	17695.67

53+0.000	10.00	0.00	0.00	71.02	1294.59	17695.68
54+0.000	10.00	6.23	62.27	93.66	1646.80	17757.95
55+0.000	10.00	0.00	62.26	110.09	2037.48	17820.21
56+0.000	10.00	14.23	142.28	0.81	1109.05	17962.49
57+0.000	10.00	20.51	347.33	0.21	10.26	18309.82
58+0.000	10.00	27.63	481.31	0.00	2.13	18791.13
59+0.000	10.00	29.52	571.42	0.00	0.00	19362.55
60+0.000	10.00	36.02	655.38	0.42	4.19	20017.93
61+0.000	10.00	43.46	794.82	0.00	4.19	20812.75
62+0.000	10.00	46.68	834.14	0.00	0.00	21646.89
63+0.000	10.00	40.60	911.64	0.02	0.19	22558.52
64+0.000	10.00	38.11	787.10	0.00	0.18	23345.62
65+0.000	10.00	40.21	783.21	0.00	0.03	24128.83
66+0.000	10.00	34.82	750.50	0.00	0.00	24879.34
67+0.000	10.00	38.79	732.51	0.00	0.00	25611.85
68+0.000	10.00	38.57	773.64	0.00	0.00	26385.49
69+0.000	10.00	5.89	444.59	0.00	0.00	26830.08
70+0.000	10.00	6.05	119.40	0.00	0.00	26949.47
71+0.000	10.00	5.54	115.93	0.00	0.00	27065.41
72+0.000	10.00	4.54	100.75	0.00	0.00	27166.16
73+0.000	10.00	5.20	97.34	0.00	0.00	27263.49
74+0.000	10.00	5.23	104.25	0.00	0.00	27367.75
75+0.000	10.00	5.88	111.07	0.00	0.00	27478.81
76+0.000	10.00	6.36	122.20	0.00	0.00	27601.01
77+0.000	10.00	6.02	123.76	0.00	0.00	27724.77
78+0.000	10.00	6.17	121.93	0.00	0.00	27846.70
79+0.000	10.00	6.28	124.52	0.00	0.00	27971.22
80+0.000	10.00	5.79	120.68	0.00	0.00	28091.90
81+0.000	10.00	5.81	115.95	0.00	0.00	28207.85
82+0.000	10.00	5.87	116.76	0.00	0.00	28324.61
83+0.000	10.00	6.22	120.90	0.00	0.00	28445.51
84+0.000	10.00	5.63	118.57	0.00	0.00	28564.08
85+0.000	10.00	5.08	107.00	0.00	0.00	28671.09
86+0.000	10.00	5.35	104.30	0.00	0.00	28775.38
87+0.000	10.00	6.84	121.92	0.00	0.00	28897.30
88+0.000	10.00	6.82	136.59	0.00	0.00	29033.89
89+0.000	10.00	6.84	136.54	0.00	0.00	29170.42
90+0.000	10.00	7.18	140.15	0.00	0.00	29310.57
91+0.000	10.00	7.78	149.60	0.00	0.00	29460.17
92+0.000	10.00	8.60	163.75	0.00	0.00	29623.93
93+0.000	10.00	9.18	177.81	0.00	0.00	29801.73
94+0.000	10.00	8.92	181.11	0.00	0.00	29982.85
95+0.000	10.00	8.76	176.80	0.00	0.00	30159.64
96+0.000	10.00	8.90	176.62	0.00	0.00	30336.26
97+0.000	10.00	9.07	179.69	0.00	0.00	30515.95
98+0.000	10.00	9.02	180.82	0.00	0.00	30696.77
99+0.000	10.00	8.45	174.71	0.00	0.00	30871.48
100+0.000	10.00	7.78	162.29	0.00	0.00	31033.77
101+0.000	10.00	8.06	158.39	0.00	0.00	31192.16
102+0.000	10.00	9.42	174.66	0.00	0.00	31366.82
103+0.000	10.00	8.49	178.95	0.00	0.00	31545.77
104+0.000	10.00	10.37	186.92	0.00	0.00	31732.70
105+0.000	10.00	10.04	202.59	0.00	0.00	31935.29
106+0.000	10.00	10.02	197.88	0.00	0.00	32133.17
107+0.000	10.00	8.98	187.30	0.00	0.00	32320.47
108+0.000	10.00	7.92	169.93	0.00	0.00	32490.40
109+0.000	10.00	6.65	143.75	0.00	0.00	32634.15
110+0.000	10.00	5.41	120.78	0.00	0.00	32754.93
111+0.000	10.00	6.87	123.02	0.00	0.00	32877.95
112+0.000	10.00	4.93	117.68	0.00	0.00	32995.63
113+0.000	10.00	4.69	96.19	0.00	0.00	33091.82
114+0.000	10.00	6.03	107.19	0.00	0.00	33199.00
115+0.000	10.00	9.50	158.18	0.00	0.00	33357.18

116+0.000	10.00	9.81	171.35	0.00	0.00	33528.53
117+0.000	10.00	16.30	323.39	0.00	0.00	33851.92
118+0.000	10.00	14.32	224.44	0.00	0.00	34076.35
119+0.000	10.00	17.87	306.14	0.00	0.00	34382.50
120+0.000	10.00	19.32	323.02	0.00	0.00	34705.51
121+0.000	10.00	18.64	369.43	0.00	0.00	35074.95
122+0.000	10.00	14.30	383.38	0.00	0.00	35458.32
123+0.000	10.00	12.77	270.16	0.00	0.00	35728.49
124+0.000	10.00	5.68	147.95	0.00	0.00	35876.44
124+9.549	4.77	0.00	30.41	0.00	0.00	35906.85