

ANEXO XX - COORDENADAS GEOGRÁFICAS
(Art. 188)

TABELA 01 – ZEIS 1 AFOGADOS

Ponto	Coordenadas E (m)	Coordenadas N (m)
0	289502,9190	9106205,1860
1	289496,0714	9106203,2780
2	289466,3405	9106198,9970
3	289438,4216	9106194,9770
4	289437,1110	9106193,7830
5	289432,3554	9106189,4470
6	289436,2924	9106169,2850
7	289440,3078	9106148,1130
8	289447,9734	9106102,7280
9	289450,0419	9106089,2210
10	289452,9622	9106074,4990
11	289456,7764	9106066,2830
12	289461,8820	9106049,0830
13	289464,5224	9106040,1880
14	289477,5105	9106019,9170

15	289481,8424	9106013,1580
16	289489,1002	9106002,4660
17	289501,7581	9105984,6880
18	289508,7011	9105974,9360
19	289477,0125	9105939,0090
20	289456,3691	9105899,2840
21	289429,1135	9105852,0730
22	289413,0521	9105819,3420
23	289405,1431	9105804,4970
24	289388,1083	9105772,1310
25	289377,5224	9105747,7960
26	289373,4868	9105739,5060
27	289362,4466	9105713,8450
28	289231,5521	9105769,9420
29	289225,1290	9105789,3340
30	289212,9862	9105825,9950
31	289059,9593	9105844,1890
32	289056,1094	9105834,2900
33	289019,5267	9105749,4290
34	288978,5627	9105750,1430
35	288973,2424	9105814,8730
36	288971,9630	9105830,4400
37	288883,9666	9105833,7400
38	288846,1393	9105784,8750
39	288757,9063	9105809,5280
40	288771,6526	9105848,5880
41	288778,8875	9105867,0560
42	288787,0743	9105899,0420
43	288792,7861	9105922,2690
44	288784,5006	9105925,9460
45	288782,6786	9105926,7540
46	288730,7214	9105953,3640
47	288729,2943	9105954,0500
48	288712,7833	9105961,9960
49	288707,9261	9105964,6520
50	288709,7906	9105972,9720
51	288726,7383	9106048,6030
52	288744,9978	9106116,6590
53	288757,5513	9106171,2750
54	288766,5006	9106209,8650
55	288770,4695	9106239,1500
56	288808,1524	9106240,4380
57	288814,0570	9106240,4750
58	288817,5079	9106240,5250
59	288837,8531	9106241,2880
60	288837,3195	9106254,9030
61	288837,8041	9106254,9350
62	288842,0249	9106255,2110
63	288845,5752	9106254,7880
64	288851,5252	9106254,5480
65	288851,1750	9106245,0740
66	288852,0778	9106245,0060
67	288866,5435	9106243,9080
68	288866,4963	9106243,6870
69	288860,2024	9106214,1680
70	288861,1620	9106214,0240
71	288869,6379	9106212,7500
72	288881,6756	9106210,9410
73	288893,8544	9106208,7670
74	288893,8822	9106207,8280
75	288894,7424	9106178,7980
76	288895,0708	9106178,7270
77	288905,8627	9106176,3910
78	288970,4524	9106180,2580
79	288969,1752	9106208,4980
80	288965,9952	9106208,5380
81	288967,5510	9106224,0280
82	288968,7152	9106235,6380
83	288990,3524	9106236,0380
84	288989,9176	9106247,0680
85	288989,8770	9106248,0980
86	289003,2689	9106248,3230
87	289010,6524	9106248,4480
88	289019,5853	9106247,5630

89	289020,1694	9106234,6280
90	289020,9641	9106217,0270
91	289021,7841	9106201,4570
92	289033,5576	9106197,7940
93	289033,4247	9106192,7940
94	289033,3830	9106191,2240
95	289032,6178	9106162,4310
96	289032,1776	9106145,8640
97	289031,9019	9106135,4930
98	289035,9733	9106136,2840
99	289051,0008	9106139,2040
100	289073,8303	9106143,6400
101	289085,1247	9106145,8350
102	289109,8154	9106152,2030
103	289122,3648	9106154,7710
104	289138,7515	9106158,1250
105	289151,2716	9106160,2170
106	289162,8211	9106162,3710
107	289163,0128	9106168,0200
108	289176,0660	9106168,3840
109	289179,2097	9106168,4710
110	289189,0093	9106168,7450
111	289193,1712	9106169,0290
112	289195,8362	9106169,1850
113	289208,5674	9106170,5030
114	289216,6278	9106171,2840
115	289226,2229	9106171,7710
116	289240,0663	9106173,0300
117	289239,4062	9106177,1230
118	289239,3438	9106177,5100
119	289241,0704	9106177,8420
120	289243,3916	9106178,2690
121	289247,5723	9106179,0380
122	289247,6121	9106178,7750
123	289248,2623	9106174,4780
124	289255,5024	9106175,8880
125	289263,5924	9106177,4780
126	289265,3480	9106177,7970
127	289262,5666	9106193,2490
128	289260,1430	9106200,7540
129	289255,6024	9106223,1480
130	289262,0988	9106224,3140
131	289268,6228	9106225,4860
132	289274,9106	9106226,6150
133	289280,6624	9106227,6480
134	289274,6395	9106257,6260
135	289271,9700	9106270,9130
136	289286,8224	9106273,9080
137	289294,7224	9106274,6080
138	289301,0820	9106275,9400
139	289309,4224	9106277,6880
140	289318,4750	9106279,3110
141	289325,2427	9106280,5300
142	289323,9111	9106292,3660
143	289330,3724	9106292,7780
144	289330,0971	9106297,2090
145	289337,4224	9106297,2880
146	289349,3655	9106298,3680
147	289349,3848	9106297,9130
148	289349,8724	9106286,4180
149	289363,9724	9106287,5780
150	289364,4924	9106275,3680
151	289362,7124	9106275,2980
152	289363,0308	9106267,7280
153	289363,3291	9106260,6380
154	289363,6262	9106253,4270
155	289383,7821	9106255,1900
156	289381,1846	9106298,8520
157	289389,9219	9106298,5080
158	289390,1724	9106298,4980
159	289399,7624	9106299,0380
160	289407,4524	9106299,7980
161	289407,7123	9106288,3760
162	289414,5924	9106288,5580
163	289414,5559	9106294,7360

164	289414,5524	9106295,3290
165	289419,1324	9106295,5580
166	289425,9124	9106298,9080
167	289425,7179	9106298,6770
168	289431,5224	9106298,7080
169	289437,9124	9106298,7380
170	289446,7824	9106298,4880
171	289448,3838	9106265,2860
172	289449,8749	9106237,9460
173	289450,2498	9106237,9680
174	289459,9124	9106239,1080
175	289461,2524	9106238,6680
176	289462,7545	9106244,6480
177	289461,6123	9106265,4170
178	289485,9179	9106260,1670
179	289499,3682	9106257,0210
180	289499,3735	9106257,2600
181	289499,8324	9106278,0080
182	289507,6224	9106277,1380
183	289518,1324	9106275,2580
184	289523,4024	9106290,5180
185	289523,9379	9106297,5300
186	289529,6724	9106296,7180
187	289538,7724	9106294,6880
188	289552,1594	9106290,4080
189	289585,4567	9106290,4270
190	289590,9500	9106290,4300
191	289602,8095	9106256,7760
192	289614,1821	9106224,5050
193	289595,7436	9106222,0600
194	289571,6750	9106218,8680
195	289509,4079	9106209,6060
196	289504,7667	9106205,7010
197	289502,9190	9106205,1860

TABELA 02 – ZEIS 1 ALTO DA JAQUEIRA		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286994,9011	9100762,2520
2	286984,0611	9100709,6080
3	286884,3146	9100746,9340
4	286885,6510	9100743,3840
5	286886,6533	9100739,8760
6	286887,9897	9100734,3220
7	286889,9526	9100726,6790
8	286919,8680	9100668,2080
9	286932,7173	9100641,8180
10	286932,7173	9100597,5090
11	286932,0556	9100518,1080
12	286931,9167	9100478,9270
13	286931,7777	9100448,4990
14	286931,0830	9100407,7890
15	286931,0961	9100357,6890
16	286931,4834	9100357,7110
17	286931,7302	9100349,9370
18	286933,4700	9100347,2240
19	286933,3343	9100339,6960
20	287027,1100	9100294,9060
21	287031,3052	9100288,3660
22	287043,8385	9100264,6060
23	287058,0406	9100236,6510
24	287066,7939	9100218,6230
25	287074,1926	9100203,5130
26	287077,8154	9100196,3810
27	287078,3785	9100195,1730
28	287083,1543	9100184,3390
29	287093,4708	9100162,9770
30	287100,7652	9100147,2420
31	287106,3924	9100143,6990
32	287118,5845	9100137,1340
33	287149,8464	9100120,6690
34	287171,2087	9100109,7280
35	287186,7355	9100100,9740
36	287233,9410	9100073,1510
37	287276,9782	9100048,8710
38	287289,3787	9100041,9940

39	287300,1120	9100036,2620
40	287330,6445	9100019,1720
41	287331,5823	9100020,3190
42	287338,5739	9100016,1150
43	287346,1354	9100011,7770
44	287359,3826	9100004,2740
45	287381,8912	9099991,3200
46	287381,8912	9099989,9130
47	287397,0141	9099981,7660
48	287405,4972	9099976,1860
49	287401,9176	9099968,8550
50	287402,0218	9099968,3310
51	287401,5791	9099952,0130
52	287401,1864	9099934,8570
53	287400,9997	9099915,9930
54	287401,0579	9099897,3750
55	287406,2115	9099833,5680
56	287405,8878	9099780,4920
57	287406,0319	9099773,4150
58	287393,4740	9099786,4860
59	287384,1253	9099800,1610
60	287373,2212	9099815,7190
61	287359,4939	9099834,3340
62	287343,0868	9099856,6640
63	287334,7613	9099867,7680
64	287331,5574	9099872,2470
65	287324,8476	9099858,2480
66	287319,3698	9099844,6610
67	287309,2954	9099819,6710
68	287301,9786	9099800,6520
69	287294,7250	9099781,7960
70	287289,3552	9099767,8460
71	287284,7456	9099770,4270
72	287263,5898	9099783,6000
73	287257,2340	9099793,8260
74	287238,5601	9099796,7360
75	287231,3090	9099798,9450
76	287236,2295	9099810,0650
77	287243,7208	9099824,2870
78	287239,2440	9099826,6870
79	287211,9033	9099838,3990
80	287212,5423	9099839,8640
81	287213,2701	9099839,5060
82	287215,4856	9099841,3750
83	287218,7630	9099844,1410
84	287226,0834	9099850,3180
85	287225,1672	9099851,1300
86	287214,2654	9099860,7900
87	287217,3652	9099863,1590
88	287209,1201	9099875,5980
89	287206,1702	9099880,0480
90	287202,9452	9099883,9770
91	287201,5822	9099885,6370
92	287199,5595	9099892,1190
93	287196,8553	9099900,7840
94	287172,8623	9099911,5190
95	287155,6392	9099936,0310
96	287153,2268	9099940,7490
97	287025,0051	9099878,2970
98	287014,2200	9099870,2930
99	287009,7589	9099864,3400
100	286980,4238	9099797,3490
101	286964,9305	9099754,1920
102	286963,4677	9099750,1180
103	286960,3416	9099741,4910
104	286953,9923	9099725,7260
105	286947,6936	9099710,0860
106	286942,5545	9099698,3210
107	286936,6815	9099685,1410
108	286930,9186	9099672,2080
109	286928,6895	9099667,2060
110	286927,5580	9099664,8980
111	286890,6079	9099679,6700
112	286897,6941	9099695,6350
113	286901,1946	9099703,8310

114	286887,5344	9099710,1490
115	286888,4955	9099718,9430
116	286863,3916	9099721,0680
117	286866,8708	9099728,3470
118	286836,9063	9099739,9460
119	286833,4059	9099741,3970
120	286837,5145	9099748,4230
121	286839,2969	9099751,4710
122	286832,5581	9099754,8410
123	286812,8303	9099764,7050
124	286806,2807	9099768,0960
125	286815,1121	9099787,1510
126	286822,2859	9099802,7530
127	286823,3563	9099805,1090
128	286825,2009	9099809,1680
129	286820,5507	9099815,4690
130	286818,7886	9099817,8570
131	286808,9552	9099831,2820
132	286808,9441	9099831,2970
133	286804,4917	9099837,4190
134	286790,0563	9099857,2680
135	286769,4626	9099885,1720
136	286746,4071	9099914,9340
137	286732,6219	9099932,8730
138	286725,9825	9099941,6950
139	286712,9527	9099959,0080
140	286701,9365	9099973,6490
141	286688,1127	9099992,0310
142	286675,0969	9100009,3650
143	286680,2472	9100014,0710
144	286681,9914	9100015,6650
145	286720,9384	9100051,6640
146	286743,8525	9100073,1380
147	286782,3195	9100110,7280
148	286730,6447	9100164,3060
149	286732,2899	9100171,4590
150	286734,6178	9100180,5060
151	286736,9007	9100192,9330
152	286736,8958	9100192,9680
153	286734,9589	9100206,2030
154	286733,5319	9100215,3430
155	286730,6240	9100227,3310
156	286729,2129	9100233,1480
157	286728,8909	9100234,2890
158	286723,3394	9100253,9590
159	286718,3599	9100270,7220
160	286717,8784	9100272,3100
161	286714,5463	9100283,2970
162	286712,8394	9100289,5840
163	286701,1875	9100321,1760
164	286698,6272	9100327,7280
165	286698,1021	9100329,0720
166	286689,1629	9100351,9450
167	286687,4027	9100356,4490
168	286679,1715	9100378,0170
169	286673,0201	9100394,6730
170	286663,0750	9100422,2350
171	286658,5472	9100435,2810
172	286654,0197	9100448,3260
173	286649,9857	9100459,7820
174	286640,7392	9100485,0460
175	286631,8955	9100509,3850
176	286622,6231	9100535,7990
177	286625,7173	9100536,8290
178	286631,7347	9100538,7880
179	286717,0769	9100569,8360
180	286730,0568	9100574,6390
181	286765,8791	9100587,4010
182	286768,1603	9100605,1840
183	286768,3033	9100624,0140
184	286761,8449	9100654,1830
185	286747,3189	9100694,1320
186	286733,6879	9100732,0000
187	286730,5969	9100738,8690
188	286733,8448	9100750,1680

189	286735,2847	9100755,0190
190	286738,4071	9100766,0190
191	286738,5816	9100766,1270
192	286740,3492	9100772,0820
193	286746,7333	9100788,6920
194	286748,3703	9100792,3430
195	286754,1046	9100802,5750
196	286756,8343	9100807,4460
197	286769,7719	9100824,4810
198	286786,3683	9100841,7170
199	286799,7802	9100852,0110
200	286803,0544	9100854,5240
201	286806,8267	9100856,9270
202	286816,2877	9100862,2750
203	286822,1121	9100866,0730
204	286837,9859	9100873,1770
205	286845,5411	9100875,5990
206	286867,0484	9100880,9070
207	286916,2217	9100889,6410
208	286937,4628	9100893,4600
209	286964,9587	9100898,4030
210	287016,2619	9100907,7230
211	287019,1897	9100908,2550
212	287023,8456	9100909,1010
213	287020,5815	9100890,7600
214	287010,9746	9100843,1030
215	286994,9962	9100762,3780
216	286994,9011	9100762,2520

TABELA 03 – ZEIS 1 ALTO DO MANDÚ

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287822,5109	9112806,8140
2	287834,0770	9112769,6290
3	287915,0396	9112760,6450
4	288107,0051	9112739,3440
5	288112,1725	9112738,4440
6	288123,6038	9112736,4510
7	288143,4007	9112732,2820
8	288148,6111	9112730,2800
9	288151,9197	9112729,0350
10	288154,2828	9112727,7430
11	288163,7372	9112722,5720
12	288177,6727	9112715,1690
13	288189,0992	9112709,7770
14	288216,2531	9112693,2980
15	288239,5088	9112678,5450
16	288238,0085	9112675,7940
17	288243,7599	9112669,7930
18	288250,5116	9112664,7910
19	288255,3878	9112657,5400
20	288259,4424	9112652,8580
21	288267,2167	9112643,8690
22	288277,4269	9112632,0620
23	288291,2280	9112616,6970
24	288299,7274	9112613,4290
25	288310,9024	9112605,8780
26	288316,8825	9112601,2780
27	288329,2519	9112591,0990
28	288336,1676	9112584,4910
29	288349,0156	9112570,2970
30	288350,1949	9112568,5730
31	288361,2650	9112552,3910
32	288368,1539	9112540,9650
33	288330,1818	9112520,8620
34	288308,1918	9112506,1030
35	288297,5747	9112498,8440
36	288297,6036	9112498,7940
37	288302,7527	9112489,8600
38	288306,1103	9112483,6080
39	288308,0796	9112479,8210
40	288310,8134	9112473,2210
41	288313,0341	9112466,8680
42	288316,3656	9112455,8190
43	288318,5081	9112444,2770
44	288318,6798	9112441,6410

45	288318,8864	9112437,5190
46	288318,8303	9112431,2550
47	288317,8261	9112411,0960
48	288317,5296	9112406,7440
49	288316,9555	9112403,9580
50	288352,3957	9112400,6910
51	288356,6760	9112395,6220
52	288363,8422	9112384,0060
53	288368,5219	9112377,9660
54	288373,8076	9112372,7000
55	288377,6432	9112369,7150
56	288381,6479	9112367,5480
57	288381,9179	9112367,4020
58	288382,7894	9112367,1400
59	288395,8874	9112363,2060
60	288398,4336	9112361,5500
61	288402,4499	9112358,9390
62	288415,7804	9112347,9890
63	288425,1863	9112340,3490
64	288441,8061	9112327,5810
65	288452,7241	9112319,3500
66	288457,8450	9112315,4890
67	288469,1364	9112307,0210
68	288480,8682	9112299,8640
69	288486,6879	9112296,4440
70	288491,3378	9112293,7120
71	288495,4611	9112279,8590
72	288498,6112	9112265,8890
73	288499,7612	9112258,8890
74	288502,7412	9112246,5590
75	288504,5028	9112239,5290
76	288506,3312	9112233,3390
77	288506,5712	9112231,2990
78	288507,6912	9112224,6790
79	288514,0612	9112197,6790
80	288511,2070	9112195,8000
81	288510,0512	9112195,0390
82	288508,9570	9112196,6280
83	288508,8812	9112196,7390
84	288505,2012	9112198,6490
85	288502,4812	9112201,4690
86	288497,9612	9112199,2290
87	288493,1437	9112199,2710
88	288491,9963	9112199,3740
89	288487,1311	9112199,8090
90	288487,3197	9112197,5440
91	288483,4961	9112197,3700
92	288482,1511	9112197,3090
93	288472,3081	9112198,7290
94	288471,8521	9112199,8130
95	288471,2311	9112201,2890
96	288470,0329	9112199,9100
97	288466,1511	9112200,6590
98	288466,2041	9112199,3960
99	288466,3272	9112196,4640
100	288463,1211	9112196,1890
101	288460,2211	9112194,9340
102	288457,3214	9112193,6780
103	288454,4949	9112193,6170
104	288451,8573	9112193,9310
105	288446,5710	9112194,5590
106	288445,5103	9112194,3970
107	288442,1015	9112193,9230
108	288438,2716	9112193,3910
109	288437,6810	9112193,3090
110	288431,3849	9112193,1150
111	288428,3102	9112193,0200
112	288421,8852	9112192,7150
113	288419,5879	9112192,6060
114	288419,3218	9112194,4930
115	288416,0459	9112194,0310
116	288411,4514	9112193,2860
117	288407,1098	9112192,3540
118	288401,4567	9112191,1420
119	288403,5509	9112180,9490

120	288399,3309	9112180,2090
121	288391,7609	9112176,4990
122	288392,2772	9112173,5540
123	288392,5815	9112171,8190
124	288393,9400	9112164,0720
125	288380,7528	9112160,8630
126	288381,5608	9112155,3180
127	288370,3105	9112153,3010
128	288367,9208	9112159,0880
129	288366,4777	9112167,2210
130	288357,3978	9112163,6230
131	288347,6213	9112158,3160
132	288350,8337	9112152,5580
133	288345,3011	9112149,4640
134	288341,2688	9112148,0570
135	288336,9303	9112146,4590
136	288335,9237	9112146,0880
137	288331,8348	9112144,8290
138	288323,7530	9112141,8210
139	288313,4342	9112137,4570
140	288306,0488	9112134,1460
141	288301,1289	9112130,3510
142	288299,8920	9112129,1050
143	288296,3225	9112125,5090
144	288287,8676	9112119,8310
145	288283,8749	9112116,2860
146	288277,0941	9112111,0230
147	288277,8061	9112108,8350
148	288266,0083	9112102,6880
149	288255,1260	9112097,0180
150	288256,3278	9112094,3950
151	288256,6978	9112093,7590
152	288249,8575	9112088,9560
153	288233,7285	9112083,3300
154	288211,8258	9112074,6030
155	288211,7467	9112072,1100
156	288211,7467	9112071,1610
157	288198,3357	9112070,6460
158	288191,1752	9112070,6460
159	288190,4631	9112070,5670
160	288184,1389	9112071,4850
161	288176,5044	9112071,0740
162	288176,4363	9112071,0700
163	288163,5180	9112071,0350
164	288163,1983	9112072,7210
165	288154,0529	9112072,8310
166	288153,9048	9112071,8660
167	288144,8466	9112073,9090
168	288137,9699	9112074,4090
169	288138,4485	9112081,6810
170	288138,5364	9112084,8680
171	288119,7025	9112092,3120
172	288099,7143	9112094,3630
173	288087,8286	9112097,7390
174	288087,4769	9112094,3630
175	288081,8505	9112093,4490
176	288081,9115	9112090,8580
177	288081,9912	9112087,4710
178	288082,4132	9112067,2860
179	288070,3164	9112070,3810
180	288060,3296	9112071,7870
181	288060,5903	9112074,6150
182	288061,2439	9112081,7040
183	288062,2988	9112089,1590
184	288052,4526	9112096,2620
185	288020,9354	9112118,7900
186	288006,6149	9112129,0190
187	288005,9567	9112129,6900
188	288014,3601	9112145,8430
189	288002,2912	9112161,9120
190	288000,9963	9112167,5140
191	288000,6898	9112167,8580
192	287998,2282	9112172,6400
193	287996,6810	9112174,3280
194	287995,9006	9112175,3550

195	287994,0085	9112177,8450
196	287991,3359	9112181,8530
197	287998,2282	9112189,5900
198	287991,9689	9112192,8950
199	287983,2480	9112197,7480
200	287979,8018	9112200,0690
201	287977,6216	9112201,4050
202	287965,6655	9112209,4930
203	287963,2743	9112211,1810
204	287959,8984	9112213,9240
205	287942,0559	9112227,7390
206	287941,7416	9112226,8620
207	287941,0025	9112224,3470
208	287939,0228	9112217,6120
209	287937,5604	9112218,0870
210	287934,0215	9112219,2380
211	287932,3961	9112208,8600
212	287929,7705	9112209,3600
213	287927,0500	9112198,9730
214	287927,0198	9112198,8580
215	287921,8281	9112189,4760
216	287902,1754	9112195,6020
217	287899,4816	9112189,0810
218	287895,4194	9112179,2480
219	287892,6394	9112179,5880
220	287892,7694	9112181,7080
221	287883,4793	9112181,7080
222	287883,1525	9112178,5270
223	287874,0593	9112178,5880
224	287868,6093	9112179,1680
225	287869,1384	9112192,7350
226	287869,2340	9112195,1860
227	287868,7293	9112196,1280
228	287858,4592	9112199,8580
229	287856,4792	9112200,3780
230	287845,0026	9112201,0210
231	287833,8487	9112201,4400
232	287820,2091	9112202,1380
233	287820,1803	9112201,5980
234	287819,7583	9112193,6740
235	287819,0754	9112193,7130
236	287809,7637	9112194,2560
237	287797,8163	9112194,9520
238	287796,9105	9112194,9700
239	287788,9677	9112195,1250
240	287788,5938	9112213,1540
241	287756,0055	9112217,8580
242	287740,7842	9112220,0550
243	287736,1889	9112220,7190
244	287722,8188	9112222,6490
245	287704,3788	9112225,2590
246	287697,2388	9112227,1690
247	287696,5387	9112238,8590
248	287688,7487	9112238,7290
249	287686,7787	9112223,4690
250	287679,8387	9112223,0990
251	287678,2644	9112223,0070
252	287668,8287	9112222,4590
253	287668,9687	9112214,5280
254	287667,6213	9112213,7720
255	287667,6215	9112213,7580
256	287624,3666	9112189,0180
257	287597,0953	9112227,6660
258	287592,7258	9112233,6690
259	287588,8104	9112239,4910
260	287565,4930	9112228,2170
261	287564,1118	9112227,5490
262	287563,7184	9112227,3580
263	287559,4683	9112222,1180
264	287559,1462	9112218,0950
265	287558,2083	9112206,3780
266	287533,3683	9112209,1980
267	287529,7916	9112218,7370
268	287524,6282	9112232,5090
269	287519,3511	9112237,5600

270	287508,0982	9112244,9690
271	287503,3082	9112241,8090
272	287502,4755	9112241,0810
273	287498,3982	9112237,5190
274	287469,0342	9112220,8360
275	287465,8866	9112219,0480
276	287464,4902	9112218,2550
277	287455,3580	9112225,5280
278	287447,5555	9112234,7480
279	287438,7180	9112245,0790
280	287429,9879	9112252,5690
281	287421,8739	9112257,1190
282	287419,8167	9112258,1580
283	287419,0474	9112258,5460
284	287417,2807	9112259,4370
285	287415,0455	9112260,5650
286	287412,7259	9112261,7360
287	287411,5201	9112262,3440
288	287406,4000	9112261,2020
289	287405,9413	9112261,1630
290	287385,7079	9112256,8790
291	287380,8186	9112255,6370
292	287379,6440	9112262,8770
293	287378,7982	9112268,0900
294	287377,5483	9112276,5520
295	287375,7980	9112288,4030
296	287375,7137	9112290,3900
297	287375,4383	9112292,3930
298	287374,5010	9112294,6960
299	287372,9765	9112297,6650
300	287369,0782	9112306,6470
301	287364,9484	9112316,4400
302	287363,4274	9112320,5410
303	287362,1932	9112324,3770
304	287359,4500	9112330,3400
305	287358,3396	9112332,4380
306	287347,2782	9112350,3680
307	287340,5662	9112357,9430
308	287339,2077	9112359,4760
309	287427,4349	9112390,5850
310	287430,4176	9112394,7970
311	287439,9148	9112408,2080
312	287445,7521	9112416,9990
313	287456,4423	9112431,4870
314	287459,9588	9112436,4100
315	287469,3594	9112452,7540
316	287475,5017	9112467,9880
317	287485,4231	9112490,6840
318	287475,8936	9112499,3560
319	287469,4438	9112505,8160
320	287467,0037	9112504,7260
321	287438,3937	9112498,5060
322	287435,2037	9112500,5560
323	287433,2913	9112504,6560
324	287431,1236	9112509,3040
325	287430,8365	9112511,7530
326	287414,0529	9112521,6900
327	287375,9062	9112545,3500
328	287373,5089	9112542,0040
329	287340,7909	9112562,7740
330	287340,3458	9112563,0560
331	287342,3635	9112566,6360
332	287340,8335	9112567,0260
333	287342,2735	9112572,6960
334	287340,7136	9112576,3660
335	287341,5536	9112580,3560
336	287344,8136	9112585,8460
337	287346,3366	9112591,6140
338	287349,5636	9112590,5060
339	287350,3736	9112591,1960
340	287363,5321	9112587,7310
341	287364,5388	9112590,8970
342	287350,4136	9112594,4760
343	287352,1136	9112601,4260
344	287349,6970	9112602,3930

345	287334,9219	9112608,3020
346	287337,8065	9112616,6290
347	287348,9288	9112612,5930
348	287352,5036	9112611,2960
349	287355,0627	9112616,8990
350	287357,4136	9112622,0460
351	287353,2736	9112622,5960
352	287353,5936	9112624,6560
353	287349,8758	9112624,6040
354	287349,2088	9112624,6840
355	287338,6936	9112625,9460
356	287339,0836	9112630,9760
357	287348,4547	9112630,2440
358	287351,2336	9112630,0260
359	287353,6642	9112630,5990
360	287353,3362	9112634,8330
361	287346,1736	9112634,3360
362	287345,8136	9112639,1460
363	287344,9235	9112643,3980
364	287339,2736	9112661,3060
365	287337,9147	9112664,2190
366	287337,7236	9112664,7860
367	287321,1036	9112698,3460
368	287309,0040	9112701,2550
369	287308,6280	9112701,3450
370	287290,2336	9112705,7660
371	287290,0087	9112707,5570
372	287289,2317	9112713,7470
373	287288,5309	9112719,3290
374	287288,5036	9112719,5460
375	287285,2121	9112720,0350
376	287280,6936	9112720,7060
377	287273,5036	9112722,4660
378	287273,0322	9112722,6260
379	287268,2836	9112724,2360
380	287260,7184	9112732,0160
381	287250,9298	9112734,4570
382	287240,4636	9112737,0660
383	287236,7236	9112748,7560
384	287234,7464	9112752,5510
385	287234,7229	9112752,5960
386	287232,6336	9112756,6060
387	287230,5336	9112757,5660
388	287223,8878	9112756,8960
389	287218,6936	9112756,8860
390	287216,6436	9112757,1160
391	287214,6836	9112758,0160
392	287211,4536	9112761,3560
393	287210,7336	9112760,6560
394	287208,5836	9112762,8760
395	287203,1436	9112769,9760
396	287199,0505	9112766,9740
397	287196,0494	9112775,9470
398	287209,3211	9112784,1590
399	287205,2520	9112788,1350
400	287199,8155	9112804,7370
401	287198,4436	9112807,4560
402	287200,2036	9112816,6460
403	287200,3963	9112823,5110
404	287210,6655	9112824,3830
405	287228,7163	9112821,6130
406	287253,2564	9112816,6530
407	287263,1464	9112814,1030
408	287267,4264	9112813,4030
409	287271,8665	9112812,9830
410	287281,0477	9112810,9430
411	287277,9374	9112821,4440
412	287277,7865	9112821,9530
413	287281,9167	9112823,1680
414	287285,6168	9112824,2560
415	287285,7200	9112824,2870
416	287293,7065	9112826,7430
417	287300,7665	9112828,9530
418	287308,2766	9112831,4530
419	287323,4566	9112835,6230

420	287331,2666	9112837,4830
421	287339,2592	9112814,3860
422	287341,3659	9112814,8150
423	287348,5667	9112817,2430
424	287395,2838	9112825,6670
425	287423,3769	9112836,3530
426	287432,2634	9112839,1030
427	287440,7722	9112841,7360
428	287472,9965	9112851,5780
429	287492,4804	9112857,3260
430	287494,1447	9112857,8180
431	287501,3269	9112833,8430
432	287505,3943	9112819,6760
433	287511,2893	9112800,6180
434	287518,8875	9112774,7430
435	287542,4962	9112792,7520
436	287569,5200	9112814,1110
437	287579,2828	9112821,1520
438	287604,6518	9112837,6860
439	287629,3114	9112853,6490
440	287641,7546	9112862,9110
441	287641,7750	9112862,9270
442	287648,7792	9112868,1410
443	287657,6166	9112874,9120
444	287663,9033	9112880,2840
445	287675,3700	9112890,0820
446	287680,4689	9112893,8350
447	287685,7815	9112897,7440
448	287695,4885	9112904,8880
449	287701,7430	9112909,4910
450	287708,1335	9112915,5050
451	287712,2966	9112918,5860
452	287716,2480	9112920,3910
453	287736,7905	9112922,4800
454	287738,6296	9112922,6670
455	287763,8764	9112925,0560
456	287785,1368	9112927,0670
457	287795,6496	9112928,0620
458	287794,7647	9112922,4560
459	287794,7647	9112908,9110
460	287794,7647	9112908,1370
461	287794,8513	9112907,6260
462	287796,6938	9112896,7540
463	287798,8677	9112884,7070
464	287801,9326	9112873,6350
465	287806,3603	9112857,6400
466	287813,4799	9112835,1820
467	287822,5109	9112806,8140

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286439,6463	9113524,0780
2	286450,4669	9113511,6610
3	286470,8664	9113528,5130
4	286511,8428	9113431,8370
5	286555,6574	9113303,7640
6	286584,9262	9113171,6100
7	286613,1308	9113134,7140
8	286643,4639	9113075,1120
9	286653,0895	9113080,4310
10	286663,6860	9113086,2870
11	286682,4956	9113046,6730
12	286695,0476	9113042,7240
13	286710,2406	9113037,9440
14	286750,2509	9113000,2550
15	286778,1007	9112987,3050
16	286826,5273	9112951,4730
17	286820,4961	9112915,8180
18	286800,5606	9112914,0720
19	286798,7537	9112916,6510
20	286783,5489	9112938,3530
21	286771,5609	9112943,1480
22	286713,4135	9112966,4070
23	286713,5173	9112963,2710
24	286655,9441	9112961,0760

25	286655,6985	9112954,1980
26	286640,7652	9112955,5350
27	286647,7498	9113004,7250
28	286643,1445	9113003,1430
29	286618,6140	9112994,7160
30	286609,0741	9113020,4160
31	286608,7946	9113021,1690
32	286580,8349	9113096,4940
33	286576,4571	9113103,3410
34	286563,6360	9113116,2210
35	286521,5962	9113158,4540
36	286517,4687	9113172,7970
37	286501,6968	9113227,6050
38	286501,6911	9113228,7440
39	286501,4670	9113273,7250
40	286455,9784	9113325,4950
41	286427,0920	9113302,2210
42	286400,5966	9113272,1630
43	286355,9819	9113299,5420
44	286356,2579	9113299,9600
45	286329,8120	9113321,1640
46	286330,8703	9113321,5610
47	286342,5120	9113337,9650
48	286365,2662	9113333,7320
49	286371,6162	9113347,4900
50	286382,1996	9113343,2570
51	286383,8733	9113341,7990
52	286419,7427	9113396,1440
53	286460,0943	9113457,2800
54	286438,8609	9113515,3330
55	286429,3231	9113501,8100
56	286427,6790	9113499,9050
57	286413,9907	9113508,1780
58	286405,4646	9113513,3310
59	286383,2038	9113515,0070
60	286359,7404	9113516,7740
61	286338,2751	9113528,2890
62	286301,2346	9113548,1610
63	286313,2795	9113572,3050
64	286281,1103	9113587,1710
65	286288,5408	9113600,4840
66	286344,4564	9113572,2110
67	286360,6639	9113564,0150
68	286439,6463	9113524,0780

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	285459,9019	9106069,0930
2	285550,5743	9105895,0910
3	285718,5584	9105968,8190
4	285741,0310	9105917,7250
5	285584,0077	9105744,0360
6	285566,6991	9105719,4860
7	285547,9557	9105692,9010
8	285523,6412	9105643,9790
9	285509,1949	9105614,1910
10	285493,8213	9105577,6780
11	285483,2116	9105542,1600
12	285472,9318	9105501,3790
13	285468,4346	9105471,9360
14	285463,5206	9105439,7640
15	285459,8926	9105377,7360
16	285460,6335	9105366,7360
17	285461,5602	9105293,0260
18	285438,9625	9105285,6660
19	285425,7904	9105281,3760
20	285400,2806	9105274,5510
21	285365,4174	9105269,1490
22	285354,1609	9105319,6550
23	285348,7593	9105356,1670
24	285352,5832	9105356,9750
25	285342,8682	9105395,9860
26	285341,2517	9105406,9130
27	285344,7462	9105407,5090
28	285344,7462	9105421,1570

29	285339,4833	9105421,4150
30	285336,5039	9105421,5620
31	285332,0449	9105421,6970
32	285314,3333	9105424,6120
33	285258,3591	9105457,0180
34	285247,1107	9105457,8220
35	285235,8624	9105472,2840
36	285215,7759	9105507,1000
37	285163,8484	9105595,0730
38	285041,5708	9105540,5690
39	284991,8497	9105509,9710
40	284943,6685	9105561,6470
41	284920,9187	9105584,3970
42	284925,5898	9105587,4310
43	285002,1996	9105637,1850
44	285015,4519	9105646,4620
45	285032,6799	9105660,3770
46	285049,2453	9105675,6170
47	285058,0801	9105689,0900
48	285062,4976	9105703,0050
49	285071,7742	9105731,9390
50	285089,2231	9105773,6840
51	285052,3474	9105824,9800
52	285137,7976	9105867,1360
53	285262,5626	9105946,6560
54	285283,5228	9105960,0150
55	285333,5943	9105990,9810
56	285459,9019	9106069,0930

45	290026,2197	9103251,6910
46	290025,1971	9103251,2140
47	290024,5843	9103250,7850
48	290024,2728	9103250,5670
49	290023,4750	9103249,7690
50	290022,8278	9103248,8450
51	290022,3510	9103247,8230
52	290022,0717	9103246,8030
53	290019,4650	9103238,5150
54	290015,8183	9103226,9220
55	290014,7177	9103223,4230
56	290006,4495	9103197,1370
57	290004,6467	9103191,4050
58	290004,0943	9103189,6490
59	289993,5456	9103156,1130
60	289993,2563	9103155,1930
61	289983,7824	9103125,1370
62	289954,2810	9103137,0750
63	289929,6497	9103147,0430
64	289897,2551	9103161,9590
65	289874,9850	9103172,2130
66	289870,7996	9103174,1400
67	289841,2389	9103187,7030
68	289836,8065	9103189,7270
69	289840,0441	9103193,4010
70	289840,2298	9103193,2300
71	289843,9310	9103195,0690
72	289843,0846	9103195,7130
73	289855,6499	9103208,4340
74	289870,6658	9103223,5990
75	289879,2213	9103232,3630
76	289890,5881	9103244,0090
77	289903,8224	9103257,5110
78	289927,2482	9103282,2190
79	289936,9626	9103292,5930
80	289953,3038	9103309,4310
81	289970,2132	9103327,0670
82	289994,9869	9103352,9210
83	289999,5533	9103357,9220
84	290002,9964	9103361,6930
85	290000,1000	9103377,6910
86	289997,3167	9103393,0650
87	289993,9294	9103415,2120
88	289993,3714	9103418,8610
89	289982,9171	9103432,3810
90	289979,9696	9103436,1930
91	289972,5455	9103444,9380
92	289967,9816	9103450,3140
93	289952,1126	9103453,9310
94	289916,5446	9103461,0410
95	289913,1576	9103457,5220
96	289879,6592	9103422,7140
97	289864,4740	9103407,0770
98	289853,3427	9103395,6150
99	289832,8863	9103374,5510
100	289786,5832	9103326,6140
101	289798,1069	9103291,8510
102	289805,0909	9103270,7670
103	289803,8157	9103270,2490
104	289798,7083	9103268,1750
105	289796,4936	9103267,8160
106	289794,4058	9103267,6310
107	289777,8095	9103266,5070
108	289769,5094	9103265,8490
109	289760,8724	9103265,1650
110	289750,1149	9103264,3120
111	289750,1117	9103264,3580
112	289749,0162	9103264,2300
113	289745,4645	9103263,9710
114	289743,7148	9103263,8420
115	289733,4389	9103263,0900
116	289713,8184	9103261,7600
117	289717,2374	9103279,5310
118	289719,5397	9103280,0030
119	289732,7283	9103282,7230

TABELA 06 – ZEIS 1 ARITANA		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290170,9922	9103846,1590
2	290181,8908	9103778,6280
3	290173,2096	9103722,6150
4	290166,5754	9103710,5640
5	290166,5677	9103710,5500
6	290143,4252	9103668,5100
7	290124,4815	9103614,9030
8	290123,0211	9103567,0490
9	290135,2837	9103532,3170
10	290112,6232	9103508,9810
11	290105,2370	9103501,3750
12	290095,9476	9103485,6400
13	290095,9284	9103485,6070
14	290087,4138	9103471,1850
15	290073,2931	9103444,9360
16	290069,8130	9103409,3320
17	290075,7704	9103378,4860
18	290089,9811	9103337,7340
19	290108,1173	9103311,0910
20	290114,9841	9103307,8860
21	290115,6728	9103307,5650
22	290133,8445	9103299,0830
23	290217,8948	9103256,8050
24	290222,6767	9103258,7910
25	290220,9472	9103255,4050
26	290218,7776	9103250,7480
27	290216,7138	9103246,3560
28	290215,9788	9103244,7060
29	290213,9779	9103240,2140
30	290184,3151	9103174,4020
31	290150,0125	9103191,8290
32	290141,0016	9103196,3350
33	290137,2974	9103198,1870
34	290096,2548	9103218,7080
35	290061,1123	9103236,2790
36	290058,0184	9103238,1160
37	290041,9262	9103247,6710
38	290041,4331	9103247,9640
39	290035,7123	9103251,3610
40	290029,6342	9103251,9630
41	290028,4336	9103252,0820
42	290027,4044	9103251,9920
43	290027,3095	9103251,9830
44	290026,3318	9103251,7210

120	289742,8072	9103285,3090
121	289748,5542	9103286,7840
122	289749,4267	9103287,0080
123	289759,3439	9103289,3330
124	289767,4627	9103291,2360
125	289783,0623	9103294,8930
126	289787,2106	9103295,8670
127	289785,0538	9103301,2830
128	289778,4528	9103316,7550
129	289778,3363	9103317,0110
130	289777,1255	9103320,7380
131	289776,7159	9103324,6350
132	289776,8000	9103326,4090
133	289776,9866	9103327,6250
134	289778,2270	9103332,2550
135	289778,9573	9103334,0600
136	289779,3501	9103334,9010
137	289783,1923	9103338,0030
138	289784,1860	9103338,8050
139	289788,4445	9103342,7440
140	289812,0433	9103366,9400
141	289870,2325	9103426,6000
142	289897,8169	9103454,8810
143	289906,0069	9103461,8300
144	289900,7917	9103464,2630
145	289887,5701	9103468,3190
146	289884,0986	9103469,3840
147	289861,0355	9103474,1480
148	289791,8785	9103488,4340
149	289789,3883	9103488,7440
150	289785,4785	9103489,0440
151	289778,6987	9103487,6340
152	289772,7253	9103484,7790
153	289764,8663	9103486,4050
154	289765,3142	9103488,3210
155	289772,6292	9103519,6170
156	289772,7100	9103519,9620
157	289780,8218	9103554,6660
158	289781,4449	9103557,3320
159	289781,6699	9103558,2950
160	289810,2302	9103546,3270
161	289810,4204	9103546,9130
162	289818,1677	9103570,8010
163	289786,4571	9103581,8430
164	289789,1240	9103595,0510
165	289789,2533	9103595,6920
166	289791,8378	9103608,4930
167	289792,5768	9103612,1530
168	289793,1787	9103615,1340
169	289810,6707	9103611,5560
170	289810,9044	9103611,5080
171	289828,3707	9103607,9350
172	289832,0584	9103607,1810
173	289832,1297	9103607,4920
174	289835,6964	9103623,0560
175	289838,7262	9103629,7650
176	289840,0166	9103632,6220
177	289840,3266	9103633,3090
178	289862,1548	9103630,3320
179	289862,1994	9103630,5830
180	289862,9195	9103630,4520
181	289862,3110	9103627,3520
182	289869,7052	9103633,5840
183	289872,5032	9103632,5810
184	289875,3144	9103636,7590
185	289878,7858	9103642,1600
186	289886,2153	9103656,6560
187	289893,8353	9103682,1610
188	289895,5286	9103688,4060
189	289895,6369	9103689,0850
190	289913,6899	9103680,2840
191	289915,0715	9103679,6110
192	289928,8260	9103689,5710
193	289932,5560	9103691,8590
194	289932,3538	9103692,1260

195	289934,2539	9103693,5010
196	289919,3710	9103713,0150
197	289920,8737	9103714,5170
198	289923,9597	9103717,6030
199	289926,3164	9103719,9600
200	289921,5443	9103726,2750
201	289917,6460	9103732,1020
202	289917,1167	9103733,3170
203	289903,1730	9103732,2500
204	289900,7570	9103763,3290
205	289911,7501	9103764,7330
206	289911,8280	9103764,7430
207	289922,0851	9103766,0530
208	289925,1555	9103766,4050
209	289936,6108	9103767,7200
210	289961,0624	9103769,8510
211	289961,1036	9103769,8550
212	289963,3231	9103770,0480
213	289969,3927	9103770,5770
214	289995,3484	9103772,2440
215	290010,1122	9103774,7050
216	290014,3839	9103775,1450
217	290014,4959	9103775,1560
218	290021,0139	9103775,8280
219	290027,1396	9103776,4590
220	290030,9085	9103776,8480
221	290035,1947	9103777,4030
222	290036,8877	9103778,5810
223	290037,0204	9103778,6730
224	290042,9322	9103779,1000
225	290042,9429	9103779,1000
226	290049,5998	9103779,5810
227	290049,6063	9103779,5810
228	290053,5304	9103779,8640
229	290055,1260	9103779,7630
230	290055,1349	9103779,7620
231	290057,1811	9103779,6320
232	290058,5310	9103779,5460
233	290061,3895	9103779,9470
234	290061,3964	9103779,9480
235	290066,4685	9103780,6580
236	290067,0796	9103780,8210
237	290067,1625	9103780,8440
238	290068,6442	9103781,2410
239	290068,7857	9103781,2780
240	290073,0161	9103782,4120
241	290088,6936	9103786,6110
242	290091,1542	9103788,0400
243	290097,1002	9103795,2660
244	290097,1436	9103795,3190
245	290099,1030	9103797,7000
246	290099,1060	9103797,7040
247	290100,0499	9103798,8510
248	290099,7541	9103799,4250
249	290099,7448	9103799,4430
250	290099,2814	9103800,3430
251	290098,5893	9103801,6860
252	290098,5645	9103801,7340
253	290095,0830	9103808,4920
254	290095,0753	9103808,5070
255	290092,7709	9103812,9800
256	290091,3814	9103815,6770
257	290091,3557	9103815,7250
258	290090,9672	9103816,4790
259	290090,9557	9103816,5010
260	290086,9834	9103824,2120
261	290086,9547	9103824,2690
262	290084,6560	9103828,7310
263	290084,5454	9103828,9450
264	290082,6593	9103832,6060
265	290078,2327	9103839,1350
266	290074,5517	9103844,5650
267	290074,5170	9103844,6160
268	290073,3688	9103846,3100
269	290073,3618	9103846,3200

270	290072,3999	9103847,7390
271	290072,2629	9103847,9410
272	290070,1944	9103850,9920
273	290061,4259	9103867,1200
274	290058,3881	9103872,7070
275	290058,2142	9103872,9820
276	290051,1910	9103884,0940
277	290043,6361	9103896,0460
278	290036,3222	9103911,3760
279	290036,0233	9103911,7670
280	290033,1628	9103912,0640
281	290032,6937	9103912,1130
282	290028,1492	9103921,6460
283	290026,1989	9103924,3540
284	290024,1152	9103927,2470
285	290023,1808	9103930,2570
286	290021,0391	9103937,1550
287	290019,8030	9103941,1370
288	290015,5810	9103966,3760
289	290014,9674	9103970,0440
290	290013,9726	9103975,9910
291	290013,8118	9103976,9520
292	290004,2925	9104001,3010
293	289998,5532	9104008,2500
294	289990,7376	9104017,7130
295	289989,7824	9104018,8700
296	289984,6887	9104025,0370
297	289982,8492	9104028,8400
298	289981,9540	9104029,9990
299	289980,4407	9104033,8200
300	289969,3444	9104056,7640
301	289970,9096	9104059,1120
302	289977,2131	9104068,5710
303	289980,0717	9104098,9880
304	289978,6739	9104101,0330
305	289990,7603	9104106,5490
306	290018,4013	9104119,1640
307	290031,9580	9104076,7450
308	290038,4511	9104053,5200
309	290050,9127	9104028,2080
310	290072,3558	9103993,6370
311	290097,0708	9103966,6390
312	290118,5683	9103940,4900
313	290119,3531	9103939,5350
314	290145,6008	9103907,3230
315	290161,1358	9103873,6550
316	290170,9922	9103846,1590

26	285831,9272	9105674,0650
27	285830,5862	9105670,4610
28	285835,7825	9105667,5280
29	285834,5253	9105664,0080
30	285833,5196	9105664,4270
31	285832,2624	9105662,0800
32	285833,8744	9105661,2560
33	285836,0339	9105660,1530
34	285835,8663	9105659,2310
35	285837,1018	9105658,5790
36	285842,9090	9105655,5160
37	285844,9041	9105654,4640
38	285846,5102	9105650,6820
39	285850,2817	9105647,9160
40	285853,7179	9105645,3180
41	285856,9027	9105642,9710
42	285855,7294	9105641,5470
43	285860,0875	9105636,1830
44	285861,5123	9105634,5070
45	285863,5598	9105636,1290
46	285865,0324	9105637,2720
47	285868,5524	9105633,6680
48	285872,4077	9105629,8970
49	285874,3353	9105631,4890
50	285879,3640	9105625,6230
51	285882,0459	9105622,1860
52	285881,1240	9105621,5160
53	285884,5602	9105617,5770
54	285889,7565	9105611,0400
55	285896,0688	9105608,3580
56	285899,3374	9105604,3350
57	285883,3030	9105600,4790
58	285891,4187	9105590,9920
59	285896,1866	9105583,0450
60	285899,0789	9105576,9220
61	285904,5364	9105565,2210
62	285937,4752	9105583,7850
63	285966,2002	9105598,8540
64	285998,2216	9105614,8640
65	286032,1266	9105628,9910
66	286053,3172	9105636,5260
67	286079,6877	9105643,5890
68	286114,5345	9105648,7690
69	286137,1378	9105649,7110
70	286169,6301	9105649,2400
71	286171,0524	9105649,0810
72	286215,7785	9105644,0600
73	286241,6781	9105639,8220
74	286241,9516	9105630,2680
75	286262,1954	9105426,8440
76	286229,1849	9105424,1570
77	286196,8087	9105419,2410
78	286167,3406	9105416,8460
79	286140,8809	9105415,6300
80	286120,2393	9105414,6810
81	286088,4501	9105412,8410
82	286080,7700	9105412,3960
83	286069,3926	9105411,6800
84	286024,0781	9105408,7550
85	286004,1713	9105407,4530
86	285981,7391	9105406,0290
87	285969,8376	9105405,0650
88	285965,2359	9105402,9100
89	285961,8990	9105400,9090
90	285962,0863	9105398,8790
91	285962,5367	9105395,8180
92	285962,5571	9105395,6800
93	285965,0965	9105390,0210
94	285967,4065	9105385,7790
95	285970,0591	9105380,2870
96	285970,0937	9105380,2160
97	285972,0437	9105372,8220
98	285974,0777	9105366,9640
99	285975,6921	9105359,1790
100	285976,6620	9105353,9770

TABELA 07 - ZEIS 1 BARRO		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	285755,8273	9105715,5510
2	285762,6997	9105708,7630
3	285765,1696	9105711,7140
4	285766,1359	9105712,8690
5	285770,7455	9105708,5110
6	285770,9131	9105709,0140
7	285776,8637	9105704,9070
8	285781,1380	9105710,1870
9	285783,9038	9105704,0690
10	285782,6931	9105702,7070
11	285781,8923	9105701,8060
12	285784,1552	9105700,2980
13	285784,7685	9105701,0290
14	285786,3343	9105702,8960
15	285789,2676	9105699,5440
16	285795,7211	9105693,1740
17	285797,0620	9105691,5820
18	285803,0964	9105684,9600
19	285804,1859	9105685,3800
20	285810,9746	9105680,2670
21	285812,9022	9105682,0270
22	285813,9079	9105681,5240
23	285820,0261	9105678,4230
24	285824,8871	9105676,8310
25	285828,9938	9105676,9980

101	285977,5246	9105349,3510
102	285979,5408	9105338,5680
103	285980,9792	9105330,9030
104	285983,2747	9105318,6690
105	285983,8528	9105315,5890
106	285984,2147	9105313,6600
107	285985,8318	9105305,8940
108	285988,0024	9105295,4700
109	285989,7026	9105287,3050
110	285990,4001	9105283,9560
111	285992,2007	9105275,0020
112	285993,3325	9105269,0710
113	285994,7232	9105261,7840
114	285996,0256	9105254,6850
115	285996,3905	9105245,9710
116	285998,7775	9105244,9650
117	285980,8015	9105243,6000
118	285972,6990	9105242,3670
119	285966,6552	9105241,4530
120	285956,3638	9105239,8960
121	285947,2874	9105238,5230
122	285938,1637	9105237,1940
123	285927,5831	9105235,8060
124	285895,0911	9105233,1020
125	285880,2277	9105230,6070
126	285876,2717	9105230,2160
127	285876,2199	9105230,2100
128	285869,2944	9105229,4240
129	285864,0118	9105228,8250
130	285858,0479	9105228,1480
131	285853,5682	9105227,6170
132	285848,7316	9105226,9130
133	285842,3253	9105225,9820
134	285837,8858	9105225,3360
135	285834,0973	9105224,7850
136	285834,0080	9105222,9380
137	285834,0036	9105222,8460
138	285833,5433	9105213,3270
139	285833,2995	9105208,2850
140	285833,0300	9105202,4450
141	285832,7700	9105196,4500
142	285832,5472	9105191,3130
143	285832,4984	9105190,1870
144	285832,3039	9105185,7010
145	285832,0362	9105179,5290
146	285831,8111	9105174,3400
147	285831,5539	9105168,4080
148	285831,5852	9105163,2150
149	285831,6111	9105158,9250
150	285831,6368	9105154,6820
151	285831,6712	9105148,9770
152	285831,8472	9105145,8200
153	285832,1726	9105141,3040
154	285832,3937	9105138,2360
155	285832,6313	9105134,9390
156	285833,0265	9105129,4550
157	285833,5164	9105122,6560
158	285833,7256	9105119,7530
159	285833,9612	9105116,4830
160	285834,6089	9105108,0530
161	285835,1062	9105102,2850
162	285835,4970	9105097,7540
163	285835,5805	9105096,7840
164	285835,9596	9105092,3880
165	285836,4382	9105086,8380
166	285836,8962	9105081,5260
167	285837,2746	9105077,1370
168	285837,4747	9105074,8160
169	285837,8403	9105070,5760
170	285838,2476	9105065,5370
171	285838,5714	9105060,7220
172	285838,9169	9105055,5840
173	285839,2878	9105050,0680
174	285839,8049	9105042,3790
175	285839,1317	9105042,1600

176	285835,1731	9105040,8740
177	285825,4600	9105037,2740
178	285804,0338	9105028,9400
179	285798,1473	9105026,5430
180	285788,4010	9105021,2630
181	285783,1955	9105018,4420
182	285779,2274	9105016,2930
183	285775,4731	9105014,4210
184	285768,9178	9105011,8690
185	285762,1144	9105010,0810
186	285760,8124	9105010,0130
187	285755,1515	9105009,0790
188	285752,3919	9105009,0010
189	285748,1199	9105008,8790
190	285743,9594	9105009,1380
191	285729,5773	9105010,2250
192	285719,8598	9105011,5410
193	285715,6900	9105012,1070
194	285704,5683	9105014,6420
195	285699,5157	9105015,7940
196	285685,5158	9105019,2460
197	285676,0859	9105021,9300
198	285666,9572	9105024,5290
199	285664,3612	9105025,4800
200	285653,5566	9105029,4380
201	285647,2668	9105031,7420
202	285631,2785	9105038,1860
203	285624,0412	9105041,1030
204	285609,9638	9105046,7760
205	285599,2052	9105050,5110
206	285583,6528	9105055,9100
207	285574,3173	9105059,1510
208	285567,6818	9105061,4350
209	285551,0899	9105067,0800
210	285531,4039	9105073,7350
211	285529,0452	9105074,5200
212	285503,5704	9105083,0020
213	285491,6678	9105086,2260
214	285489,4047	9105086,8390
215	285484,9081	9105087,9770
216	285478,7251	9105089,5400
217	285480,6646	9105105,1160
218	285480,7667	9105106,0420
219	285483,3120	9105129,1070
220	285484,5045	9105140,6900
221	285485,6662	9105151,9750
222	285485,3840	9105163,3280
223	285484,9443	9105161,0180
224	285484,3706	9105204,0980
225	285484,0997	9105214,9980
226	285484,0952	9105215,1760
227	285483,5618	9105236,6380
228	285483,0262	9105258,1840
229	285481,5026	9105284,2820
230	285480,2452	9105305,0400
231	285480,2761	9105305,0560
232	285531,2429	9105331,5990
233	285628,3886	9105391,0480
234	285656,2510	9105407,2890
235	285689,4772	9105427,4040
236	285722,8524	9105448,2630
237	285765,4654	9105474,4860
238	285783,7920	9105485,3630
239	285780,5697	9105486,2030
240	285752,3304	9105501,3200
241	285746,2961	9105503,8340
242	285743,9478	9105505,0260
243	285739,0439	9105507,5150
244	285731,7969	9105511,6290
245	285731,0426	9105514,1430
246	285728,7797	9105517,8300
247	285727,4730	9105519,6470
248	285727,2968	9105519,8920
249	285725,3434	9105522,6080
250	285718,9738	9105525,4570

251	285710,5928	9105531,0730
252	285703,3013	9105536,2690
253	285699,1946	9105539,2860
254	285695,9259	9105535,0950
255	285693,5793	9105536,8550
256	285687,2935	9105542,5550
257	285681,8458	9105548,5890
258	285675,8114	9105555,5450
259	285669,3580	9105564,9320
260	285663,2398	9105572,5590
261	285655,4455	9105583,3700
262	285649,2435	9105591,5000
263	285647,6281	9105594,7420
264	285651,3620	9105600,2390
265	285655,3849	9105604,5600
266	285659,2588	9105608,1360
267	285665,3677	9105611,4140
268	285669,3906	9105614,8410
269	285674,7545	9105620,0560
270	285677,8834	9105623,6320
271	285681,6083	9105630,4860
272	285685,6312	9105635,8500
273	285689,0581	9105640,0220
274	285693,3790	9105644,1930
275	285696,9550	9105648,9610
276	285702,0208	9105656,5600
277	285704,8518	9105665,0530
278	285705,7706	9105669,0510
279	285707,0950	9105673,5540
280	285710,0087	9105680,9710
281	285716,1010	9105687,5930
282	285724,0475	9105698,1880
283	285735,1726	9105711,6970
284	285741,1604	9105717,6470
285	285747,2892	9105723,6790
286	285753,3967	9105717,8980
287	285755,8273	9105715,5510

36	289420,4289	9101026,1560
37	289420,4586	9101026,3030
38	289422,3124	9101035,4480
39	289422,4524	9101036,0780
40	289422,8902	9101038,2580
41	289423,2924	9101040,2480
42	289423,9002	9101043,2360
43	289424,9137	9101048,2140
44	289425,0224	9101048,7480
45	289425,3324	9101050,2880
46	289425,9235	9101053,1830
47	289426,5624	9101056,3180
48	289427,2424	9101059,6480
49	289427,9524	9101063,1480
50	289428,9224	9101067,9280
51	289422,7524	9101069,2680
52	289417,8324	9101070,3380
53	289414,6424	9101071,0280
54	289409,7724	9101072,0880
55	289403,5024	9101073,4480
56	289405,7424	9101085,2580
57	289406,6124	9101089,5580
58	289407,4700	9101093,7960
59	289408,8124	9101100,5080
60	289409,2624	9101102,7480
61	289410,2124	9101107,4980
62	289410,5024	9101110,0980
63	289411,0124	9101112,5980
64	289411,3724	9101114,3980
65	289412,2724	9101118,8980
66	289413,0524	9101122,7780
67	289414,5524	9101130,2380
68	289415,2724	9101133,8380
69	289418,3224	9101145,3480
70	289495,5624	9101130,8380
71	289502,7224	9101129,4880
72	289509,4824	9101128,2180
73	289510,0107	9101131,6150
74	289513,4397	9101153,6650
75	289513,4672	9101153,8420
76	289514,0945	9101157,8760
77	289518,4024	9101185,5780
78	289516,5024	9101185,9080
79	289506,6424	9101187,6280
80	289503,6226	9101188,1530
81	289474,0124	9101193,3080
82	289468,2124	9101194,2580
83	289458,3659	9101195,8370
84	289437,5424	9101199,1780
85	289431,5124	9101200,1480
86	289429,1124	9101200,5280
87	289428,6024	9101200,5380
88	289429,5759	9101212,6400
89	289433,0487	9101235,0420
90	289434,9490	9101245,8920
91	289441,4457	9101293,9430
92	289441,5905	9101295,0130
93	289448,7414	9101294,8250
94	289460,6929	9101294,5090
95	289465,7907	9101294,3740
96	289469,3818	9101294,2790
97	289496,3894	9101293,3930
98	289497,0469	9101293,3710
99	289498,6883	9101293,3150
100	289523,8869	9101292,4630
101	289524,0655	9101292,4570
102	289538,3658	9101291,9730
103	289539,1884	9101306,8490
104	289539,4137	9101309,6290
105	289539,4199	9101309,7060
106	289539,8318	9101314,7880
107	289541,1083	9101331,7460
108	289541,1432	9101332,2090
109	289542,4364	9101349,3890
110	289522,9656	9101349,7280

TABELA 08 – ZEIS 1 BEIRA RIO		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289375,3724	9100938,4380
2	289375,8772	9100938,9300
3	289378,8786	9100952,8660
4	289378,5666	9100952,9350
5	289379,0066	9100954,9750
6	289382,1266	9100969,5450
7	289386,8866	9100968,4750
8	289393,8466	9100966,9150
9	289410,6167	9100963,1650
10	289410,8367	9100964,2050
11	289410,9367	9100964,6950
12	289411,8967	9100969,3950
13	289412,4567	9100972,1150
14	289413,0967	9100975,2550
15	289413,2067	9100975,7850
16	289414,0167	9100979,4750
17	289414,5567	9100982,2950
18	289415,3653	9100986,3050
19	289415,5367	9100987,1550
20	289415,9367	9100989,1350
21	289416,2967	9100990,9750
22	289416,4666	9100991,8350
23	289417,5867	9100997,4250
24	289418,7667	9101002,8750
25	289392,2066	9101008,0750
26	289390,1566	9101007,0150
27	289390,3685	9101009,2970
28	289393,9098	9101023,6530
29	289394,0959	9101024,5920
30	289394,5824	9101023,7480
31	289395,4924	9101023,5680
32	289405,6326	9101021,2500
33	289413,4324	9101019,4680
34	289418,8324	9101018,2880
35	289419,9224	9101023,6580

111	289489,2016	9101349,4020
112	289480,8652	9101349,5150
113	289480,6881	9101349,5180
114	289475,8306	9101349,5840
115	289466,2188	9101349,7150
116	289452,9528	9101349,8960
117	289433,8708	9101350,1550
118	289422,1385	9101350,4180
119	289412,0927	9101350,6420
120	289402,3558	9101350,8600
121	289393,1725	9101350,7020
122	289376,5100	9101351,4990
123	289376,3684	9101350,6220
124	289371,5049	9101351,3570
125	289371,4104	9101350,5870
126	289365,8627	9101350,9500
127	289365,9137	9101351,4880
128	289356,4188	9101351,7760
129	289356,4197	9101351,8140
130	289346,4385	9101351,8310
131	289344,7225	9101351,8440
132	289344,5650	9101351,8450
133	289336,4860	9101351,9080
134	289326,5865	9101351,9850
135	289316,3748	9101351,9590
136	289306,3852	9101352,0270
137	289288,1026	9101352,1520
138	289288,1185	9101352,2410
139	289289,0228	9101357,3240
140	289290,8357	9101367,5120
141	289291,2716	9101369,7210
142	289297,0694	9101373,3740
143	289306,6925	9101372,9880
144	289316,8342	9101372,5810
145	289326,8912	9101372,4700
146	289326,8976	9101372,9000
147	289336,7914	9101372,4370
148	289346,8310	9101371,9670
149	289356,9096	9101371,7890
150	289356,9346	9101372,8110
151	289374,0619	9101372,1990
152	289386,8890	9101371,7400
153	289388,0410	9101371,6990
154	289402,9476	9101371,1010
155	289413,0791	9101370,9180
156	289423,1126	9101370,7360
157	289433,5539	9101370,5480
158	289456,4114	9101370,2870
159	289467,0443	9101370,1650
160	289476,6493	9101370,0560
161	289480,9804	9101370,0060
162	289483,2354	9101370,0230
163	289495,6891	9101369,8820
164	289500,6898	9101369,8760
165	289500,8516	9101369,8750
166	289514,8111	9101369,8570
167	289527,5404	9101369,6210
168	289544,2098	9101370,1910
169	289544,2596	9101370,1900
170	289545,4157	9101380,1760
171	289546,4347	9101380,1380
172	289549,5130	9101380,0260
173	289578,5869	9101378,9660
174	289586,6606	9101526,0660
175	289593,6134	9101582,4350
176	289599,0089	9101604,4830
177	289607,5843	9101644,6410
178	289608,7063	9101661,8880
179	289609,2904	9101683,9130
180	289609,3229	9101713,6180
181	289628,2717	9101703,8060
182	289640,8336	9101700,1090
183	289644,9919	9101699,6940
184	289650,6333	9101699,1310
185	289669,5598	9101698,9300

186	289669,7268	9101698,9280
187	289671,3142	9101698,9120
188	289671,5240	9101693,7350
189	289670,9141	9101673,2580
190	289670,8698	9101671,7720
191	289670,8434	9101670,8860
192	289670,6629	9101664,8230
193	289669,5439	9101645,1720
194	289672,5174	9101645,0030
195	289672,4389	9101635,5200
196	289673,0876	9101615,4130
197	289682,7053	9101615,2120
198	289681,2778	9101607,0370
199	289681,1436	9101602,6110
200	289680,9128	9101595,0000
201	289680,4180	9101594,9910
202	289680,6331	9101590,8220
203	289680,7294	9101588,9550
204	289680,8733	9101586,1670
205	289682,1525	9101561,3760
206	289679,8891	9101561,2430
207	289678,9713	9101561,1890
208	289679,1546	9101557,6500
209	289679,3072	9101554,7030
210	289679,5492	9101550,0330
211	289680,6172	9101529,4170
212	289680,8225	9101525,3970
213	289681,0357	9101521,2230
214	289681,0762	9101520,4310
215	289681,3991	9101514,1090
216	289681,4100	9101513,8960
217	289682,1279	9101500,1840
218	289678,8332	9101500,0350
219	289671,8597	9101499,7180
220	289667,4701	9101499,5180
221	289652,4468	9101498,8360
222	289651,8530	9101498,8440
223	289651,0903	9101498,8540
224	289652,6053	9101476,9030
225	289652,6583	9101475,5820
226	289652,7893	9101472,3150
227	289645,9819	9101453,4510
228	289645,1728	9101446,5910
229	289643,9735	9101437,4240
230	289644,5808	9101437,4580
231	289642,9902	9101427,1270
232	289642,6274	9101427,1360
233	289641,3784	9101417,5900
234	289640,7202	9101413,6530
235	289636,5640	9101388,7880
236	289635,3662	9101380,4230
237	289667,4525	9101381,2510
238	289668,0774	9101376,4470
239	289656,0999	9101375,7120
240	289634,3624	9101374,5280
241	289631,4780	9101357,0560
242	289630,8455	9101353,2390
243	289630,8395	9101353,2030
244	289629,5365	9101345,3380
245	289627,5732	9101333,4430
246	289625,1048	9101318,5370
247	289624,6524	9101315,8080
248	289625,3924	9101315,6390
249	289623,9124	9101307,2780
250	289623,2924	9101307,3880
251	289621,8724	9101297,7980
252	289629,3624	9101299,1180
253	289636,0560	9101300,3100
254	289637,6521	9101294,5450
255	289637,6813	9101294,4400
256	289638,5264	9101291,3880
257	289656,9106	9101293,5940
258	289658,9866	9101288,0820
259	289659,1660	9101287,6580
260	289652,1583	9101286,3140

261	289640,3732	9101284,0540
262	289619,1724	9101279,9880
263	289617,8084	9101270,6150
264	289617,8027	9101270,5760
265	289616,4891	9101261,5500
266	289616,2921	9101260,1960
267	289614,5629	9101248,3220
268	289614,1424	9101245,4310
269	289614,1408	9101245,4190
270	289612,8357	9101236,4470
271	289609,5324	9101213,7480
272	289609,0471	9101205,6330
273	289564,9939	9101203,3840
274	289565,4473	9101207,7950
275	289571,2295	9101266,5320
276	289571,2609	9101266,8510
277	289572,9800	9101284,3140
278	289575,3981	9101317,5410
279	289577,3368	9101374,6290
280	289555,2893	9101375,8020
281	289555,4504	9101353,6410
282	289552,2380	9101298,3600
283	289551,0452	9101288,3970
284	289550,9204	9101287,3540
285	289547,3867	9101257,8370
286	289537,3939	9101200,2790
287	289525,0531	9101122,8570
288	289524,9108	9101121,9640
289	289519,5215	9101088,1540
290	289518,9414	9101084,5140
291	289513,5553	9101050,7230
292	289484,6471	9100877,3080
293	289517,8600	9100870,5340
294	289523,6060	9100901,4250
295	289523,1088	9100901,3570
296	289524,1878	9100907,0640
297	289524,2194	9100907,2310
298	289527,0665	9100922,2890
299	289529,5885	9100935,6790
300	289529,6611	9100936,0640
301	289533,8929	9100958,5320
302	289537,2259	9100977,1360
303	289537,6985	9100977,1880
304	289542,6605	9101003,8650
305	289542,7249	9101004,2110
306	289557,2153	9101004,2530
307	289558,5898	9101000,9720
308	289622,9846	9100847,2490
309	289615,3256	9100844,5160
310	289605,0918	9100840,8650
311	289590,1620	9100869,3200
312	289567,2130	9100867,8930
313	289553,9580	9100866,3520
314	289540,5227	9100864,7910
315	289528,5903	9100863,4040
316	289527,2240	9100863,2450
317	289516,0992	9100861,9520
318	289517,2377	9100868,0220
319	289484,0253	9100874,8050
320	289479,7327	9100849,3260
321	289467,2024	9100853,0580
322	289443,5420	9100857,9420
323	289431,7897	9100860,3680
324	289420,0356	9100862,7850
325	289412,4497	9100864,3380
326	289412,3744	9100864,3530
327	289408,2794	9100865,1920
328	289397,5580	9100867,3870
329	289397,3668	9100867,4260
330	289396,5233	9100867,5980
331	289384,7672	9100870,0050
332	289362,5324	9100874,5580
333	289365,7496	9100886,5660
334	289365,1086	9100888,2460
335	289367,5907	9100898,5960

336	289367,6224	9100898,7280
337	289368,3119	9100902,3730
338	289370,3563	9100913,1830
339	289370,5298	9100914,1000
340	289372,7724	9100925,9580
341	289373,7834	9100930,8110
342	289373,7896	9100930,8400
343	289375,3258	9100938,2140
344	289375,3331	9100938,2490
345	289375,3724	9100938,4380

TABELA 09 – ZEIS 1 BEIRINHA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	288109,4772	9104614,9400
2	288115,9593	9104608,5930
3	288134,8698	9104608,8610
4	288153,7408	9104629,1290
5	288178,6795	9104613,7200
6	288216,2293	9104600,0620
7	288285,5471	9104616,4250
8	288287,6110	9104621,1880
9	288290,1510	9104628,4900
10	288290,7860	9104634,0470
11	288293,9610	9104640,3970
12	288299,3585	9104642,4600
13	288307,1372	9104642,9370
14	288314,2810	9104643,2540
15	288328,0160	9104594,1090
16	288321,0042	9104591,7940
17	288336,6431	9104540,5540
18	288331,4073	9104538,4530
19	288251,1712	9104506,2630
20	288233,1849	9104562,8000
21	288223,8361	9104559,7130
22	288219,2059	9104571,9500
23	288215,5678	9104572,9420
24	288188,4480	9104564,6740
25	288162,3464	9104555,2890
26	288159,0130	9104554,0910
27	288157,6901	9104552,1060
28	288135,4814	9104462,1320
29	288131,8932	9104447,5960
30	288143,4687	9104444,9500
31	288143,3248	9104427,5350
32	288143,2690	9104420,7860
33	288143,1380	9104404,9310
34	288115,6874	9104327,5410
35	288105,3063	9104320,4040
36	288105,1041	9104320,2650
37	288105,1034	9104320,2600
38	288095,4349	9104313,4420
39	288094,1120	9104301,2050
40	288092,7890	9104287,9760
41	288088,4896	9104273,4240
42	288080,2213	9104270,7780
43	288070,9609	9104273,4240
44	288068,3150	9104268,4630
45	288064,9556	9104257,0380
46	288077,5247	9104202,0400
47	288039,1603	9104139,9430
48	288010,6377	9104099,6760
49	287994,6986	9104071,1530
50	287965,3372	9104034,8610
51	287954,8509	9104025,0140
52	287889,8363	9103965,4520
53	287878,0917	9103948,2540
54	287858,3776	9103941,5430
55	287834,4690	9103934,8320
56	287804,6880	9103929,7990
57	287773,6488	9103925,1850
58	287758,1292	9103919,7320
59	287711,9948	9103920,8550
60	287664,5919	9103902,9540
61	287645,7167	9103893,3070

62	287612,5802	9103887,0150
63	287581,1215	9103878,6260
64	287563,5046	9103874,4310
65	287560,7253	9103889,0440
66	287519,0577	9104185,7490
67	287888,4755	9104239,6020
68	287876,7562	9104293,8930
69	287849,8055	9104425,4970
70	287994,8336	9104563,8720
71	288059,2563	9104629,2950
72	288194,7193	9104767,2720
73	288221,3100	9104750,2070
74	288109,4772	9104614,9400

TABELA 10 – ZEIS 1 BORBOREMA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289255,2373	9099489,5080
2	289193,3025	9099454,2740
3	289193,3165	9099454,2500
4	289186,7131	9099450,5090
5	289192,9319	9099440,8830
6	289237,3861	9099418,3670
7	289241,9107	9099416,0750
8	289240,0749	9099411,8210
9	289227,6349	9099383,9300
10	289229,6718	9099383,2130
11	289239,6404	9099379,7040
12	289240,6113	9099379,2910
13	289250,8294	9099374,9370
14	289240,8533	9099346,1210
15	289237,7944	9099337,8130
16	289247,8891	9099331,6040
17	289241,7395	9099314,3360
18	289228,2135	9099276,3560
19	289225,4890	9099268,7060
20	289226,7830	9099269,3980
21	289294,4619	9099242,4980
22	289286,9197	9099222,1940
23	289241,8643	9099241,6160
24	289246,0191	9099254,5310
25	289241,6488	9099241,3230
26	289224,3216	9099193,0000
27	289219,4663	9099180,7930
28	289265,1430	9099164,6750
29	289259,8639	9099151,3630
30	289258,6029	9099148,1840
31	289256,6957	9099143,3750
32	289251,4336	9099128,4970
33	289205,4426	9099144,7440
34	289151,5924	9099165,2600
35	289146,2074	9099167,7030
36	289140,0977	9099170,7600
37	289132,3590	9099175,6460
38	289130,6226	9099181,5560
39	289101,0781	9099189,6120
40	289090,5916	9099192,8700
41	289071,0221	9099200,9180
42	289062,7727	9099204,2750
43	289057,6815	9099201,7290
44	289057,1776	9099201,4260
45	288989,9075	9099230,4080
46	288985,0110	9099241,2200
47	288990,5001	9099243,3390
48	288998,4237	9099247,0050
49	289009,9279	9099256,0280
50	289019,9259	9099265,0440
51	289023,6056	9099269,8660
52	289026,2279	9099275,6420
53	289032,3607	9099289,1520
54	289052,4084	9099339,2710
55	289057,8645	9099348,7880
56	289066,7596	9099361,4600
57	289066,9750	9099361,9540
58	289067,3891	9099362,2140

59	289082,0995	9099373,4030
60	289107,2227	9099389,0100
61	289110,7932	9099391,1200
62	289105,3545	9099404,2420
63	289108,1086	9099418,5820
64	289109,2199	9099424,2970
65	289108,2673	9099447,4750
66	289115,3728	9099475,1250
67	289141,4912	9099465,2440
68	289162,5012	9099526,3150
69	289173,2745	9099557,6310
70	289191,2938	9099550,8210
71	289180,0225	9099518,4360
72	289247,8089	9099491,9250
73	289255,2373	9099489,5080

TABELA 11 – ZEIS 1 BRASÍLIA TEIMOSA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	293067,5836	9105897,7040
2	293044,7073	9105842,1110
3	293023,4924	9105788,4350
4	293014,2908	9105765,5580
5	292993,9705	9105712,9040
6	292970,5830	9105646,7040
7	292952,5631	9105598,3950
8	292935,5656	9105552,1310
9	292930,4536	9105536,4120
10	292922,5300	9105510,2130
11	292918,8238	9105500,6280
12	292916,0122	9105490,6590
13	292912,5616	9105480,5630
14	292904,8935	9105468,4220
15	292894,7973	9105456,2810
16	292861,0580	9105421,5190
17	292854,1567	9105414,2350
18	292846,9999	9105406,6940
19	292821,4842	9105379,2950
20	292821,3529	9105373,3870
21	292818,0512	9105357,8950
22	292813,3080	9105347,1670
23	292797,7765	9105302,0020
24	292778,9000	9105262,6070
25	292774,7964	9105254,4000
26	292735,4020	9105260,9660
27	292660,0897	9105275,1390
28	292663,2823	9105304,5640
29	292663,7498	9105312,1040
30	292664,1527	9105322,8720
31	292663,7498	9105333,6400
32	292663,2462	9105336,9810
33	292663,3349	9105337,3310
34	292662,5432	9105344,3480
35	292660,5399	9105354,9360
36	292659,9715	9105357,0410
37	292657,5087	9105366,1640
38	292654,5562	9105375,7080
39	292653,7597	9105378,0100
40	292647,6707	9105395,6070
41	292646,2958	9105398,3260
42	292632,2738	9105392,1390
43	292611,9961	9105380,5520
44	292598,1937	9105371,8620
45	292593,9336	9105367,2610
46	292591,8888	9105361,8080
47	292585,2432	9105334,2030
48	292578,3788	9105334,6460
49	292576,5529	9105334,7640
50	292576,3324	9105334,7780
51	292575,5524	9105341,9680
52	292575,4143	9105343,2410
53	292575,3055	9105344,2440
54	292566,9224	9105344,2880
55	292565,5624	9105344,1180
56	292560,6924	9105345,1580
57	292557,3321	9105346,3340

58	292550,4524	9105348,6880
59	292548,9024	9105349,5180
60	292538,3447	9105352,8800
61	292530,9424	9105355,2380
62	292525,6101	9105371,5420
63	292525,8289	9105386,1380
64	292526,0924	9105403,7180
65	292515,7924	9105403,4680
66	292493,7424	9105401,9580
67	292490,8634	9105408,1980
68	292485,0824	9105420,7280
69	292479,8924	9105432,1580
70	292477,2473	9105435,2100
71	292464,7302	9105449,6520
72	292453,2424	9105463,0280
73	292448,0724	9105469,2880
74	292428,5068	9105492,9920
75	292428,4524	9105493,0580
76	292401,9346	9105501,8470
77	292401,8124	9105501,8880
78	292398,8585	9105512,1040
79	292398,3224	9105513,9580
80	292398,2977	9105513,9740
81	292388,9324	9105519,9780
82	292386,2848	9105521,8200
83	292380,4224	9105525,8980
84	292376,5886	9105532,5440
85	292374,5324	9105536,1080
86	292370,2459	9105542,5690
87	292369,8802	9105543,1200
88	292366,4624	9105549,4480
89	292365,8863	9105550,5090
90	292365,6070	9105551,0230
91	292362,9224	9105555,9680
92	292361,3524	9105558,3980
93	292358,9101	9105561,9950
94	292358,5586	9105562,5120
95	292357,8624	9105563,5380
96	292356,8068	9105565,5090
97	292355,4584	9105568,0270
98	292354,8424	9105569,1780
99	292352,4557	9105573,9380
100	292351,2524	9105576,3380
101	292349,3027	9105578,2420
102	292349,1324	9105578,4080
103	292348,2124	9105581,3580
104	292347,6224	9105583,9450
105	292347,5624	9105584,2080
106	292345,5491	9105586,5270
107	292343,0824	9105589,3680
108	292339,5289	9105593,5560
109	292337,6424	9105595,7980
110	292335,6745	9105598,2500
111	292328,3898	9105607,3260
112	292328,6797	9105607,5350
113	292330,4324	9105608,7980
114	292334,5424	9105612,3280
115	292342,2324	9105617,4680
116	292341,6535	9105618,4340
117	292324,1024	9105612,6680
118	292303,9524	9105606,0480
119	292299,5575	9105604,3410
120	292283,4184	9105664,9010
121	292283,6287	9105667,6510
122	292284,7789	9105676,3730
123	292284,3955	9105683,2740
124	292277,3342	9105682,0000
125	292271,2800	9105680,5680
126	292270,3924	9105680,3580
127	292254,0302	9105673,8240
128	292248,2092	9105671,4990
129	292244,3666	9105676,1860
130	292241,8280	9105679,2820
131	292240,7324	9105680,6180
132	292236,2724	9105687,3780

133	292233,2924	9105685,2880
134	292231,3024	9105689,3680
135	292228,9724	9105694,3580
136	292226,1124	9105700,0580
137	292226,0008	9105700,3030
138	292222,9990	9105706,9010
139	292220,7235	9105711,7460
140	292219,9209	9105713,2470
141	292219,1792	9105714,4600
142	292218,8624	9105714,9780
143	292217,3850	9105714,1920
144	292216,6348	9105715,5820
145	292215,8524	9105717,3280
146	292215,1924	9105718,8480
147	292214,1391	9105720,2070
148	292209,5824	9105726,0880
149	292204,8624	9105730,7680
150	292204,9398	9105730,8450
151	292207,5578	9105733,4550
152	292203,2124	9105737,4380
153	292202,0844	9105738,4720
154	292196,0161	9105744,0330
155	292194,6724	9105746,5880
156	292191,2962	9105749,9020
157	292189,2524	9105751,9080
158	292187,7093	9105753,5060
159	292184,7724	9105756,5480
160	292180,8124	9105761,0780
161	292175,5012	9105767,1970
162	292167,9224	9105759,8580
163	292167,7447	9105760,0080
164	292163,0124	9105765,1380
165	292161,1593	9105762,2970
166	292157,7269	9105764,7690
167	292157,5524	9105764,9280
168	292166,5701	9105777,4430
169	292168,0031	9105775,8240
170	292168,1702	9105776,1820
171	292178,5724	9105798,4380
172	292181,8936	9105803,4610
173	292197,9312	9105790,7540
174	292198,5497	9105791,4010
175	292203,8377	9105796,9380
176	292249,6638	9105851,0750
177	292273,9689	9105872,9490
178	292296,2061	9105888,7650
179	292309,2825	9105897,8650
180	292316,8781	9105883,8430
181	292325,2528	9105874,1050
182	292370,8267	9105909,5510
183	292376,9122	9105895,5590
184	292384,5802	9105878,3060
185	292392,9192	9105862,8740
186	292415,1564	9105874,6640
187	292435,6684	9105886,4540
188	292424,2622	9105910,5120
189	292424,1618	9105910,6120
190	292414,9127	9105931,6060
191	292400,3796	9105964,5950
192	292405,5941	9105967,0340
193	292411,8563	9105970,1020
194	292403,8049	9105988,1210
195	292392,8140	9106013,1700
196	292386,9352	9106026,8450
197	292380,3091	9106044,2990
198	292437,0643	9106065,2950
199	292450,7724	9106072,1350
200	292458,8016	9106076,1420
201	292695,8592	9106194,4240
202	292636,9603	9106264,8290
203	292865,2253	9106278,9320
204	292868,7282	9106281,4740
205	293059,5095	9106419,9340
206	293084,9274	9106438,3810
207	293111,5677	9106457,7160

208	293165,4446	9106496,8170
209	293212,6029	9106531,0420
210	293220,8027	9106536,9940
211	293255,0380	9106561,8400
212	293260,7985	9106566,0210
213	293263,5317	9106566,2710
214	293269,9217	9106530,8390
215	293274,6643	9106516,4170
216	293261,7196	9106477,1160
217	293248,7692	9106448,4890
218	293238,3179	9106431,6760
219	293228,5483	9106418,0440
220	293215,5978	9106403,2760
221	293200,8298	9106384,8720
222	293195,1497	9106373,7390
223	293188,7881	9106360,3350
224	293185,2878	9106353,0570
225	293180,4314	9106348,9670
226	293174,4248	9106346,5390
227	293175,1379	9106337,2390
228	293186,7513	9106322,4940
229	293189,5578	9106317,3550
230	293191,6042	9106311,8680
231	293189,8886	9106286,3450
232	293186,5658	9106266,7920
233	293180,3036	9106244,6820
234	293166,8845	9106209,7930
235	293155,4918	9106173,4360
236	293145,1585	9106142,4420
237	293135,4456	9106109,5970
238	293124,3270	9106072,4070
239	293111,6747	9106031,3830
240	293101,0673	9105999,5610
241	293084,4532	9105948,0570
242	293067,5836	9105897,7040

TABELA 12 – ZEIS 1 BRASILIT

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	284669,6372	9111261,7560
2	284669,3277	9111259,0100
3	284669,2189	9111258,0440
4	284669,2212	9111257,7710
5	284668,9910	9111251,1030
6	284668,7742	9111244,8230
7	284669,6372	9111261,7560
8	284671,3160	9111266,1410
9	284674,0704	9111271,1020
10	284682,4841	9111286,2560
11	284689,4862	9111298,8670
12	284695,3421	9111310,5660
13	284700,6410	9111321,7620
14	284708,7139	9111338,7970
15	284715,4714	9111353,1890
16	284720,3368	9111363,7200
17	284721,8478	9111367,1320
18	284727,1468	9111379,1010
19	284737,0710	9111400,9290
20	284741,4989	9111410,6680
21	284754,4787	9111403,6830
22	284822,5136	9111367,0670
23	284822,7812	9111367,4720
24	284829,4487	9111380,2520
25	284826,9880	9111381,4420
26	284836,8246	9111399,5260
27	284863,3419	9111448,2760
28	284877,0738	9111440,6560
29	284854,5480	9111399,5260
30	284837,6650	9111368,6990
31	284868,6433	9111351,8330
32	284888,5587	9111388,4100
33	284889,0008	9111389,2940
34	284927,8398	9111367,5670
35	284920,1729	9111353,1510
36	284917,3666	9111347,8190

37	284914,2235	9111341,3650
38	284911,0302	9111335,5220
39	284909,3815	9111332,2780
40	284909,2315	9111331,9830
41	284922,1929	9111325,2670
42	284935,5136	9111318,3760
43	284951,6639	9111310,1220
44	284987,0734	9111292,0260
45	284984,2360	9111284,8230
46	284948,6401	9111285,7770
47	284941,9887	9111285,2360
48	284938,6957	9111284,9560
49	284929,3482	9111283,3530
50	284922,2405	9111281,5030
51	284920,1704	9111280,9640
52	284916,3526	9111279,6150
53	284912,7183	9111278,3310
54	284910,3489	9111277,4400
55	284907,0474	9111276,0170
56	284903,4473	9111274,3150
57	284900,5487	9111272,9440
58	284897,2671	9111270,9770
59	284893,7794	9111268,8870
60	284893,4068	9111268,6630
61	284890,6978	9111266,6540
62	284888,4406	9111264,9800
63	284885,6264	9111262,7470
64	284883,2458	9111260,6630
65	284880,0558	9111257,8170
66	284877,8378	9111255,8300
67	284875,9238	9111253,8290
68	284873,2098	9111251,0650
69	284871,1126	9111248,7090
70	284868,4333	9111245,4810
71	284866,2724	9111241,6200
72	284864,8032	9111238,7890
73	284864,1144	9111237,4620
74	284861,4668	9111232,3600
75	284860,0320	9111229,5340
76	284859,7580	9111228,9580
77	284933,2932	9111188,0160
78	284945,5234	9111210,4200
79	284972,9113	9111196,8410
80	284985,3468	9111220,1240
81	284998,6324	9111213,2470
82	285006,9031	9111208,6310
83	285004,9899	9111203,0370
84	285010,8242	9111200,2590
85	284990,5607	9111160,8530
86	284988,6728	9111157,1820
87	285037,7806	9111129,8400
88	285058,1482	9111118,5000
89	285112,0406	9111088,4940
90	285166,5493	9111058,1450
91	285198,6440	9111040,2750
92	285207,4262	9111035,3860
93	285203,1954	9111026,9350
94	285189,8396	9111007,4890
95	285188,4791	9111005,5080
96	285181,3971	9110995,1960
97	285237,8020	9110963,2450
98	285232,1743	9110955,5560
99	285225,0316	9110947,1140
100	285217,2851	9110939,2230
101	285216,1056	9110938,1870
102	285174,6521	9110986,2160
103	285146,4738	9111018,6720
104	285145,0726	9111020,2850
105	285139,0146	9111016,1800
106	285101,3567	9110990,6590
107	285094,6306	9110987,0950
108	285098,0223	9110974,7150
109	285092,0083	9110972,5140
110	285068,7090	9110966,1850
111	285064,0834	9110965,5790

112	285063,4603	9110965,4980
113	285061,8794	9110965,2910
114	285062,0644	9110938,6410
115	285056,1482	9110939,2170
116	285056,1297	9110938,3010
117	285055,1944	9110939,3100
118	285026,1868	9110942,1340
119	285030,1027	9110949,8600
120	285015,9210	9110956,6330
121	285024,9587	9110966,9790
122	285024,8304	9110967,0420
123	285015,9210	9110956,6330
124	285006,9006	9110960,9430
125	284992,3484	9110968,0860
126	284977,0477	9110975,3600
127	284976,2088	9110975,7590
128	284982,9088	9110986,3990
129	284998,3803	9111013,9930
130	284991,8794	9111017,6900
131	284991,3377	9111017,9980
132	284987,6940	9111020,5750
133	284984,6537	9111023,5420
134	284980,4693	9111027,6320
135	284974,7126	9111033,2590
136	284968,2729	9111039,9000
137	284962,8484	9111045,7080
138	284962,0097	9111046,6400
139	284919,2219	9111028,7230
140	284920,4027	9111024,9700
141	284910,2433	9111017,6630
142	284851,8540	9110999,6600
143	284822,5939	9111045,2450
144	284787,2341	9111034,8840
145	284786,6373	9111034,7100
146	284786,1112	9111016,4490
147	284785,9396	9111010,4920
148	284794,5872	9110978,4290
149	284795,0948	9110976,6020
150	284800,7248	9110960,3620
151	284802,9143	9110959,0170
152	284818,7522	9110950,6160
153	284817,6411	9110948,8700
154	284840,2141	9110934,7340
155	284827,8184	9110913,2510
156	284824,0993	9110906,8060
157	284812,8715	9110886,2950
158	284679,8390	9110960,3150
159	284672,8146	9110963,4470
160	284653,1946	9110972,1970
161	284634,3421	9110980,6040
162	284630,3741	9110982,3730
163	284635,7320	9111012,7860
164	284648,0552	9111050,9810
165	284651,4987	9111075,5860
166	284597,2834	9111083,2780
167	284603,4779	9111140,1890
168	284597,5543	9111143,1600
169	284604,2878	9111158,8750
170	284613,2731	9111185,7490
171	284641,2660	9111272,3210
172	284602,1960	9111298,3410
173	284586,2681	9111270,4010
174	284569,3347	9111280,8790
175	284561,2914	9111268,1790
176	284540,5280	9111281,7040
177	284548,6443	9111295,2720
178	284544,0405	9111298,2350
179	284559,3076	9111323,5880
180	284535,5772	9111338,6120
181	284530,3384	9111328,2160
182	284527,9766	9111329,4680
183	284499,7262	9111344,4550
184	284505,3262	9111358,7500
185	284516,5420	9111386,3950
186	284516,5497	9111386,4140

187	284521,8281	9111400,2640
188	284525,6782	9111411,4920
189	284527,8188	9111419,6240
190	284528,4332	9111423,4920
191	284529,0008	9111428,2500
192	284529,2239	9111430,1980
193	284529,5238	9111432,8150
194	284530,1193	9111438,1440
195	284530,2870	9111446,3490
196	284530,2963	9111451,6390
197	284530,2974	9111452,2450
198	284530,2367	9111453,4900
199	284530,1591	9111454,9750
200	284529,8285	9111461,3070
201	284527,9325	9111469,8770
202	284525,5912	9111478,1630
203	284525,3312	9111478,9730
204	284524,8260	9111480,5470
205	284523,7936	9111483,7630
206	284520,9147	9111491,7740
207	284520,9245	9111491,7860
208	284521,6985	9111492,5600
209	284522,5951	9111493,1880
210	284523,5871	9111493,6500
211	284524,6444	9111493,9340
212	284525,7348	9111494,0290
213	284526,8252	9111493,9340
214	284527,7186	9111493,7070
215	284531,7742	9111492,3570
216	284540,6843	9111488,9660
217	284541,2373	9111488,7560
218	284547,3208	9111486,7300
219	284550,6816	9111485,1640
220	284554,0802	9111483,5790
221	284560,2729	9111480,5470
222	284562,9846	9111479,2190
223	284563,6747	9111478,8810
224	284584,1854	9111518,8160
225	284593,2750	9111514,7670
226	284601,5121	9111543,6760
227	284615,5879	9111539,8660
228	284613,1538	9111521,5440
229	284605,9964	9111463,7190
230	284599,9202	9111464,7610
231	284598,2881	9111465,1860
232	284576,2525	9111415,7950
233	284556,1440	9111368,0380
234	284549,3311	9111354,6100
235	284558,7238	9111345,0850
236	284610,8872	9111310,9760
237	284620,2616	9111304,8470
238	284628,1991	9111319,7960
239	284652,2727	9111282,3750
240	284654,3894	9111278,7770
241	284658,0335	9111272,9920
242	284659,7553	9111272,3660
243	284666,2621	9111264,5920
244	284669,5958	9111263,0050
245	284669,8178	9111262,4280
246	284669,7717	9111262,3030
247	284669,6372	9111261,7560

TABELA 13 – ZEIS 1 CAÇOTE		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287239,2456	9104384,1720
2	287258,7227	9104364,5380
3	287259,5082	9104363,7470
4	287259,4397	9104363,6750
5	287251,6752	9104358,2340
6	287244,7554	9104364,6290
7	287226,7823	9104345,4860
8	287228,9696	9104341,9300
9	287236,4348	9104345,0760
10	287238,0037	9104331,3490
11	287246,7393	9104331,8610

12	287251,0816	9104324,9970
13	287253,7845	9104320,7250
14	287257,2394	9104315,2640
15	287260,3488	9104309,2270
16	287264,9703	9104302,3560
17	287269,7275	9104294,9430
18	287281,3502	9104279,4460
19	287286,3868	9104272,7300
20	287289,8220	9104266,4430
21	287294,2218	9104256,5680
22	287298,7042	9104245,0650
23	287302,1308	9104236,3650
24	287304,3350	9104231,1220
25	287306,7650	9104226,1460
26	287309,4980	9104221,2930
27	287312,0292	9104216,7040
28	287314,9039	9104211,4860
29	287319,0475	9104204,3040
30	287322,7972	9104196,7850
31	287322,8019	9104196,7870
32	287330,5913	9104181,7640
33	287334,9949	9104184,7160
34	287339,4266	9104178,2700
35	287342,8877	9104172,4220
36	287346,5457	9104166,4960
37	287349,8752	9104161,1020
38	287353,0397	9104155,6330
39	287355,8629	9104150,5990
40	287363,3393	9104154,5000
41	287365,7438	9104149,3470
42	287369,8780	9104139,6970
43	287374,0533	9104125,6830
44	287375,8186	9104119,3100
45	287389,3772	9104123,3220
46	287394,6276	9104125,0400
47	287398,7759	9104125,5990
48	287410,8183	9104125,9650
49	287417,4473	9104126,5580
50	287425,3432	9104127,2670
51	287472,6395	9104131,6020
52	287472,7451	9104131,5900
53	287475,5110	9104101,6970
54	287455,7345	9104105,1110
55	287452,7806	9104105,6210
56	287451,3773	9104112,7200
57	287444,0642	9104114,7510
58	287435,5316	9104086,9660
59	287521,0101	9104054,1210
60	287523,5972	9104053,2400
61	287523,4644	9104052,6370
62	287521,7914	9104044,0830
63	287519,4005	9104031,9250
64	287518,1796	9104026,7870
65	287515,9413	9104018,6990
66	287518,4626	9104017,1800
67	287514,7232	9104011,0560
68	287512,5416	9104007,6880
69	287518,1868	9104003,2980
70	287520,3349	9104001,6270
71	287516,0053	9103994,1800
72	287512,6282	9103986,9930
73	287505,7874	9103990,3700
74	287494,9634	9103995,3060
75	287481,8879	9103999,0290
76	287468,8125	9104003,6190
77	287452,2438	9104009,7600
78	287431,0235	9104016,7230
79	287413,1188	9104023,6860
80	287382,6146	9104034,6270
81	287380,1057	9104034,4880
82	287377,7823	9104031,5140
83	287374,7650	9104017,6960
84	287368,9009	9103984,8770
85	287360,4964	9103942,9470
86	287352,9687	9103914,9730

87	287341,8165	9103911,5350
88	287278,6732	9103891,8720
89	287216,8078	9103870,7550
90	287143,6401	9103846,6630
91	287101,1076	9103832,3860
92	287066,9032	9103821,6790
93	287104,3793	9103723,5270
94	287238,2227	9103789,2590
95	287276,5912	9103780,6330
96	287310,8414	9103802,9330
97	287350,1854	9103823,9770
98	287366,6550	9103834,5000
99	287397,7643	9103855,5440
100	287437,1083	9103878,4190
101	287447,1730	9103863,3210
102	287411,4889	9103841,3620
103	287389,0720	9103828,5520
104	287353,3879	9103807,9650
105	287337,3758	9103794,2410
106	287318,6187	9103789,2080
107	287289,6781	9103763,0850
108	287271,5349	9103748,8080
109	287257,2582	9103734,8290
110	287242,9816	9103720,8500
111	287226,3255	9103708,6550
112	287215,3206	9103699,4350
113	287201,3414	9103689,0250
114	287189,7417	9103679,8050
115	287181,1162	9103676,5330
116	287166,8396	9103668,8000
117	287146,3169	9103656,0100
118	287126,9840	9103641,7340
119	287107,9485	9103634,2980
120	287089,2104	9103628,6470
121	287062,1443	9103624,1850
122	287026,1003	9103619,3800
123	286993,1406	9103615,2620
124	286962,8028	9103613,4780
125	286919,3780	9103611,3960
126	286895,5836	9103606,9340
127	286863,7586	9103609,3140
128	286828,6619	9103618,5340
129	286798,6215	9103620,9140
130	286798,9856	9103628,7880
131	286801,0010	9103672,3690
132	286797,3366	9103733,6740
133	286807,6298	9104202,6200
134	286807,6690	9104210,7320
135	286814,2461	9104209,8200
136	286824,1499	9104209,4430
137	286822,4206	9104202,4390
138	286829,4151	9104201,0120
139	286828,6511	9104197,8690
140	286827,8182	9104194,4430
141	286834,6661	9104189,9130
142	286839,4101	9104186,8480
143	286838,4881	9104182,3970
144	286845,0767	9104180,3290
145	286850,6050	9104178,6690
146	286852,6872	9104189,8100
147	286860,2325	9104189,2340
148	286870,3501	9104186,9080
149	286869,5270	9104165,9130
150	286881,4298	9104165,0190
151	286883,3855	9104177,4700
152	286887,9296	9104176,1410
153	286894,9157	9104174,3620
154	286902,6599	9104171,4490
155	286911,7480	9104166,9030
156	286911,4621	9104165,5110
157	286915,9333	9104165,1090
158	286920,5819	9104164,4870
159	286925,7496	9104163,6480
160	286930,4751	9104162,8820
161	286934,7613	9104162,1860

162	286940,0422	9104161,3290
163	286960,4409	9104156,3790
164	286963,4108	9104155,8070
165	286962,1171	9104147,4850
166	286972,3194	9104145,5080
167	286974,7864	9104157,7090
168	286977,4618	9104157,2270
169	286980,9391	9104156,6000
170	286985,5611	9104155,7670
171	286985,9035	9104157,4430
172	286995,5110	9104156,0370
173	287000,2471	9104155,1880
174	287000,0116	9104153,7760
175	287007,6617	9104152,0580
176	287011,0093	9104151,3880
177	287012,7456	9104158,7990
178	287017,3205	9104173,9530
179	287018,6176	9104178,2500
180	287117,4837	9104270,5260
181	287239,2456	9104384,1720

TABELA 14 – ZEIS 1 CAMPO DO BANCO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	284701,5855	9110151,4870
2	284687,0210	9110061,0980
3	284681,2527	9110061,5180
4	284667,6487	9110012,1770
5	284650,1321	9110017,0310
6	284631,7447	9110022,0000
7	284628,8457	9110009,3840
8	284625,1364	9110010,4310
9	284624,6499	9110009,2600
10	284618,0511	9109993,3720
11	284612,1360	9109980,0630
12	284611,4375	9109979,2650
13	284610,5395	9109975,7730
14	284609,1800	9109969,1750
15	284598,4503	9109970,8850
16	284598,2628	9109969,5550
17	284595,6348	9109950,9150
18	284593,3769	9109933,2180
19	284603,8186	9109930,8220
20	284602,5340	9109925,8020
21	284593,3515	9109893,4710
22	284593,0473	9109892,8520
23	284629,5807	9109882,7840
24	284631,7455	9109882,1880
25	284627,7847	9109867,2560
26	284620,0575	9109838,1260
27	284613,7554	9109813,8310
28	284602,7078	9109770,5630
29	284563,0719	9109780,0820
30	284540,7016	9109785,4540
31	284555,2256	9109832,5070
32	284555,7371	9109833,5620
33	284569,9575	9109883,0160
34	284570,1712	9109883,8700
35	284564,5199	9109885,5220
36	284564,0968	9109885,6460
37	284536,6606	9109893,4970
38	284524,6666	9109896,9370
39	284524,5510	9109896,9700
40	284508,7159	9109901,5130
41	284497,2942	9109905,1130
42	284470,0113	9109912,9220
43	284443,5909	9109920,4770
44	284432,3596	9109923,4970
45	284406,7477	9109930,9940
46	284380,8221	9109938,5820
47	284151,7136	9109991,0770
48	284119,1878	9109998,5290
49	284108,8304	9109999,4010
50	284148,6184	9110013,3910
51	284169,2982	9110025,9510

52	284207,5179	9110050,6360
53	284224,1916	9110060,1640
54	284240,3240	9110068,9340
55	284267,6083	9110081,3650
56	284284,0655	9110088,7480
57	284313,4070	9110100,2250
58	284327,0491	9110105,8550
59	284347,2958	9110113,6500
60	284376,9762	9110123,8380
61	284387,8855	9110124,5040
62	284408,1077	9110126,7650
63	284434,9818	9110128,6280
64	284449,2171	9110129,9580
65	284469,9714	9110132,0870
66	284498,5750	9110134,4820
67	284529,3073	9110137,5420
68	284565,8934	9110140,8680
69	284594,0979	9110142,9960
70	284622,9676	9110145,3910
71	284639,5977	9110147,3870
72	284689,3885	9110153,5780
73	284702,3082	9110155,2250
74	284701,5855	9110151,4870

TABELA 15 – ZEIS 1 CAMPO DO VILA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292137,2178	9110670,7970
2	292146,4979	9110661,5900
3	292157,4508	9110650,7220
4	292171,0016	9110637,2770
5	292177,1998	9110631,7440
6	292163,1769	9110621,5860
7	292153,3240	9110613,2890
8	292139,6884	9110599,8780
9	292134,1490	9110593,7890
10	292130,6688	9110589,1210
11	292128,3758	9110586,0460
12	292125,9707	9110577,3320
13	292122,3324	9110564,5480
14	292118,8396	9110566,0050
15	292111,9324	9110568,8880
16	292107,5424	9110569,3880
17	292104,4245	9110567,5070
18	292103,8624	9110567,1680
19	292102,4428	9110569,5710
20	292100,5724	9110572,7380
21	292097,7415	9110574,7240
22	292068,2724	9110595,3980
23	292060,8835	9110586,4590
24	292055,0624	9110579,0480
25	292044,0324	9110563,2980
26	292037,6724	9110554,6680
27	292020,2487	9110528,8330
28	292018,4856	9110530,0640
29	291999,1624	9110543,5580
30	291957,6499	9110576,5930
31	291959,8573	9110578,9000
32	291971,0858	9110590,6350
33	291982,8533	9110582,7510
34	291995,1824	9110596,9580
35	291994,5124	9110597,5080
36	291998,8494	9110602,7300
37	291992,0624	9110607,7280
38	292012,3224	9110636,5580
39	292019,1336	9110646,8670
40	292022,5624	9110644,4280
41	292029,7887	9110639,2860
42	292041,5833	9110656,1680
43	292046,3324	9110653,2580
44	292054,6509	9110650,1500
45	292055,9113	9110652,2430
46	292064,9219	9110667,2040
47	292072,4524	9110677,6080
48	292073,6794	9110676,6950
49	292091,1024	9110683,7380

50	292093,9129	9110662,7910
51	292096,8324	9110661,8080
52	292102,8824	9110670,7080
53	292112,9724	9110684,0280
54	292118,9029	9110688,9690
55	292127,6015	9110680,3390
56	292137,2178	9110670,7970

TABELA 16 – ZEIS 1 CAMPO GRANDE

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292859,6000	9113515,9500
2	292860,7400	9113486,2100
3	292864,4624	9113449,6710
4	292863,2679	9113421,4890
5	292878,8394	9113305,1970
6	292892,7706	9113262,0030
7	292904,2100	9113225,4000
8	292921,3681	9113196,8010
9	292936,7983	9113174,5980
10	292955,5081	9113160,3560
11	292976,4520	9113147,5100
12	293004,3800	9113133,8300
13	293038,4500	9113122,9400
14	293070,0000	9113114,0000
15	293111,4330	9113106,2060
16	293132,5143	9113105,9770
17	293159,5532	9113097,9570
18	293207,6700	9113090,4000
19	293221,4800	9113087,7100
20	293258,3100	9113080,5400
21	293287,8700	9113072,7500
22	293333,7000	9113059,2300
23	293351,8050	9113050,9830
24	293404,9700	9113033,1100
25	293447,3600	9113019,3600
26	293485,1700	9113006,3000
27	293522,5900	9112995,5100
28	293520,5700	9112988,7300
29	293477,7732	9112855,4060
30	293457,0400	9112791,8700
31	293445,7400	9112755,1400
32	293437,5724	9112732,8480
33	293428,1500	9112703,0200
34	293380,5600	9112535,3800
35	293335,7000	9112400,9300
36	293263,0800	9112425,7800
37	293240,9700	9112359,8400
38	293212,9100	9112369,7600
39	293212,6400	9112369,8400
40	293211,3024	9112364,8480
41	293208,8324	9112358,7580
42	293206,4524	9112351,8380
43	293205,0500	9112347,5800
44	293203,2000	9112342,2000
45	293200,4324	9112333,7880
46	293197,8293	9112326,4260
47	293192,8100	9112328,0900
48	293180,4101	9112291,2950
49	293179,9876	9112291,2920
50	293179,7024	9112290,4880
51	293174,6600	9112290,6800
52	293172,5600	9112291,2300
53	293153,8900	9112296,0600
54	293153,8900	9112297,6800
55	293116,0082	9112299,2210
56	293115,2900	9112296,5700
57	293102,9500	9112303,9100
58	293088,6116	9112313,1030
59	293093,3589	9112288,0720
60	293082,3400	9112286,0000
61	293052,4630	9112279,1380
62	293024,5900	9112425,1500
63	292932,8700	9112382,7500
64	292891,2400	9112399,5200
65	292891,1500	9112399,2400

66	292888,4500	9112390,8500
67	292886,4891	9112377,9330
68	292885,8895	9112370,0910
69	292875,5000	9112366,8100
70	292875,5200	9112367,0300
71	292876,4769	9112376,8260
72	292877,2751	9112385,0080
73	292877,4974	9112385,9780
74	292878,3400	9112390,9800
75	292878,0300	9112391,9800
76	292877,6500	9112391,9800
77	292856,0287	9112400,9780
78	292853,8807	9112401,6080
79	292835,2164	9112409,3190
80	292829,6900	9112411,9800
81	292816,2500	9112417,9800
82	292815,9400	9112417,2800
83	292777,4500	9112432,3700
84	292778,2600	9112434,3100
85	292782,8200	9112445,1800
86	292798,0100	9112439,1900
87	292752,6700	9112458,9500
88	292727,5648	9112467,6070
89	292711,7234	9112470,7490
90	292694,5236	9112470,8700
91	292677,4900	9112466,3600
92	292667,7300	9112460,7300
93	292494,6300	9112414,9000
94	292401,0390	9112372,6980
95	291902,7284	9112036,2280
96	291863,9486	9112093,2190
97	291765,6765	9112027,6180
98	291702,8953	9112199,5410
99	291715,3200	9112205,1800
100	291732,1600	9112212,0930
101	291749,8275	9112219,3400
102	291750,7300	9112219,7100
103	291749,5500	9112224,1100
104	291734,4068	9112288,8300
105	291722,9610	9112337,7410
106	291719,3200	9112353,3000
107	291729,4626	9112355,6270
108	291730,5343	9112355,8730
109	291747,1700	9112359,6900
110	291797,1102	9112371,1580
111	291807,9327	9112327,5970
112	291812,8210	9112310,2610
113	291813,3300	9112308,4600
114	291835,9300	9112312,9600
115	291846,8797	9112314,8150
116	291852,0800	9112295,7200
117	291858,7100	9112267,1600
118	291878,1224	9112271,4580
119	291876,2796	9112278,6720
120	291874,4362	9112284,1370
121	291872,7683	9112291,6420
122	291887,3500	9112295,7800
123	291888,8038	9112296,1970
124	291925,4600	9112306,6100
125	291933,0000	9112305,2800
126	291936,2700	9112306,9300
127	291946,8911	9112312,2960
128	291954,1702	9112319,1380
129	291957,8176	9112322,5670
130	291957,9700	9112322,7100
131	291973,3500	9112337,1700
132	291983,6799	9112385,4230
133	291995,8400	9112398,6800
134	291999,6400	9112397,1400
135	291999,8800	9112397,8300
136	292025,7500	9112387,9800
137	292037,9974	9112382,9780
138	292048,1300	9112378,1100
139	292059,4131	9112373,6750
140	292071,1700	9112369,0600

141	292084,0900	9112363,9800
142	292099,5900	9112399,0800
143	292100,4308	9112400,9840
144	292081,7160	9112407,8520
145	292097,9500	9112447,9800
146	292111,6193	9112487,1330
147	292166,8536	9112468,5590
148	292167,8600	9112472,1700
149	292170,3400	9112481,0500
150	292179,2822	9112509,5680
151	292185,1900	9112525,2600
152	292199,7326	9112557,1270
153	292200,6261	9112559,0850
154	292214,1700	9112555,9700
155	292220,0800	9112563,2900
156	292224,1954	9112572,6740
157	292298,6738	9112542,0100
158	292327,8891	9112619,5090
159	292328,0988	9112620,0650
160	292326,7600	9112620,4800
161	292335,3029	9112638,8880
162	292337,8276	9112644,3290
163	292343,1200	9112645,3900
164	292346,2941	9112651,7380
165	292357,9400	9112645,8100
166	292362,6519	9112660,4430
167	292364,6200	9112665,9100
168	292378,2330	9112703,7390
169	292381,2739	9112712,1890
170	292384,2463	9112720,1060
171	292384,2700	9112720,1700
172	292396,0500	9112751,5400
173	292398,7500	9112750,6200
174	292409,7623	9112745,1480
175	292412,8212	9112743,6910
176	292414,5895	9112742,7440
177	292421,3500	9112737,2900
178	292422,1400	9112736,4100
179	292424,1830	9112733,2030
180	292425,4700	9112730,2000
181	292427,8600	9112720,1700
182	292431,8500	9112703,4200
183	292439,7583	9112736,4220
184	292447,8800	9112733,5500
185	292449,1200	9112737,0800
186	292452,2418	9112745,9570
187	292467,5100	9112789,3500
188	292491,8500	9112856,8600
189	292496,7700	9112871,0100
190	292497,9200	9112874,0600
191	292492,0923	9112876,6040
192	292476,9325	9112884,8160
193	292466,7559	9112889,2370
194	292460,5746	9112892,6190
195	292439,1100	9112903,4100
196	292436,9979	9112904,4670
197	292409,7666	9112917,5210
198	292366,0400	9112937,8000
199	292300,4400	9112977,2000
200	292228,3127	9113018,7340
201	292183,9792	9113046,7380
202	292210,9800	9113083,9300
203	292559,6200	9112996,9000
204	292622,1500	9113249,7500
205	292486,3899	9113286,7990
206	292543,0390	9113513,7490
207	292612,4500	9113496,0000
208	292612,7840	9113499,4380
209	292681,9400	9113823,1100
210	292688,4638	9113850,6110
211	292693,4100	9113868,2600
212	292700,3600	9113878,1200
213	292704,4483	9113884,4900
214	292788,3625	9113980,9060
215	292803,5500	9113963,2100

216	292812,7000	9113935,7600
217	292820,7051	9113888,8590
218	292824,1400	9113857,9700
219	292826,4300	9113814,5100
220	292828,7100	9113772,1800
221	292828,7124	9113733,2890
222	292832,1400	9113703,5500
223	292829,8600	9113671,5200
224	292829,9300	9113670,4900
225	292832,1441	9113638,3460
226	292834,4319	9113607,4600
227	292843,5600	9113568,6600
228	292848,1600	9113549,1200
229	292859,6000	9113515,9500

TABELA 17 – ZEIS I CAPUÁ

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286823,7370	9105678,6260
2	286824,9991	9105672,7700
3	286826,2366	9105673,1940
4	286826,8252	9105666,1770
5	286823,9291	9105665,1810
6	286824,8211	9105661,4970
7	286826,8252	9105654,1200
8	286829,1499	9105654,7240
9	286835,7935	9105647,1770
10	286843,2462	9105648,5720
11	286846,8808	9105649,3480
12	286849,8252	9105638,1840
13	286856,6936	9105627,3390
14	286858,9308	9105616,0540
15	286860,5564	9105608,1970
16	286863,1303	9105591,5340
17	286863,9431	9105583,2710
18	286861,6402	9105582,3230
19	286855,9496	9105580,5660
20	286862,4273	9105561,8400
21	286867,4653	9105561,3250
22	286889,2717	9105565,8260
23	286890,0882	9105559,2930
24	286892,9330	9105545,0690
25	286896,0488	9105535,0450
26	286899,8419	9105519,7370
27	286903,0931	9105512,6930
28	286920,3132	9105494,7100
29	286922,7358	9105492,3730
30	286900,7901	9105459,0480
31	286884,6696	9105434,6640
32	286846,1079	9105379,1010
33	286837,2912	9105367,6470
34	286830,4828	9105358,8020
35	286804,6086	9105341,5980
36	286780,6310	9105326,6960
37	286760,3109	9105311,7950
38	286736,8751	9105296,7580
39	286715,1224	9105285,6270
40	286706,9369	9105280,7730
41	286698,4790	9105269,7550
42	286692,1710	9105261,5370
43	286682,8238	9105272,1030
44	286665,8905	9105283,4830
45	286652,4792	9105289,7140
46	286642,7619	9105286,9890
47	286635,1395	9105309,2210
48	286638,6616	9105344,1720
49	286640,0023	9105353,2790
50	286642,5901	9105370,8590
51	286645,1640	9105386,7080
52	286650,3118	9105409,4670
53	286662,0974	9105426,2650
54	286680,8154	9105445,7540
55	286695,0004	9105463,5030
56	286698,9539	9105470,1930
57	286703,5503	9105473,5430

58	286706,0505	9105477,5010
59	286706,8557	9105478,9190
60	286708,6980	9105486,6830
61	286718,1807	9105503,7520
62	286724,9944	9105514,7920
63	286741,3897	9105542,2360
64	286741,2101	9105542,3600
65	286737,0106	9105545,0690
66	286746,7642	9105580,0200
67	286751,0992	9105592,8890
68	286758,2789	9105616,0540
69	286766,0005	9105638,1350
70	286770,0645	9105651,8170
71	286782,3274	9105680,6670
72	286791,4708	9105691,2960
73	286806,9212	9105706,6960
74	286806,9724	9105706,7470
75	286810,7046	9105710,0680
76	286822,4902	9105696,7920
77	286824,7283	9105689,7910
78	286825,5544	9105682,4630
79	286824,5952	9105682,2610
80	286825,3020	9105679,1310
81	286823,7370	9105678,6260

49	290129,6642	9107855,751
50	290136,6371	9107846,247
51	290142,9266	9107837,674
52	290144,8829	9107835,007
53	290145,649	9107833,963
54	290128,8525	9107824,096
55	290124,921	9107821,42
56	290134,446	9107818,986
57	290137,3625	9107817,626
58	290143,0715	9107814,964
59	290143,7859	9107813,986
60	290144,5002	9107813,007
61	290144,024	9107805,598
62	290140,2669	9107800,836
63	290152,9796	9107789,886
64	290158,0265	9107787,007
65	290155,0103	9107782,879
66	290143,6993	9107770,338
67	290134,9552	9107760,584
68	290134,2455	9107759,792
69	290131,674	9107756,923
70	290117,4658	9107741,048
71	290104,2101	9107726,92
72	290092,3833	9107714,378
73	290087,9915	9107710,514
74	290083,4535	9107706,52
75	290074,2063	9107698,583
76	290067,9754	9107693,225
77	290058,5694	9107687,073
78	290047,2982	9107679,612
79	290043,5675	9107677,032
80	290038,4081	9107674,77
81	290030,849	9107671,666
82	290020,054	9107667,182
83	290008,6712	9107659,636
84	290007,7583	9107659,03
85	290005,8061	9107657,736
86	289996,797	9107651,664
87	289990,2883	9107647,338
88	289982,9627	9107643,072
89	289980,8823	9107641,861
90	289961,6735	9107634,678
91	289954,4259	9107631,985
92	289948,8544	9107629,915
93	289941,4329	9107621,382
94	289936,075	9107611,222
95	289932,8603	9107599,356
96	289930,1082	9107593,815
97	289926,8675	9107587,291
98	289921,4303	9107573,916
99	289912,7321	9107563,243
100	289902,6779	9107549,551
101	289900,8259	9107545,45
102	289897,1678	9107533,744
103	289895,2929	9107527,706
104	289894,59	9107525,427
105	289894,3901	9107524,779
106	289889,6472	9107509,4
107	289887,0014	9107486,977
108	289887,0014	9107475,438
109	289887,0014	9107470,381
110	289887,3656	9107464,408
111	289888,5569	9107442,08
112	289889,3988	9107438,297
113	289891,5283	9107434,115
114	289893,5049	9107430,381
115	289896,3992	9107423,806
116	289898,8434	9107416,781
117	289899,2113	9107414,748
118	289899,8399	9107411,275
119	289899,9329	9107409,402
120	289899,9523	9107405,258
121	289899,9796	9107399,419
122	289900,3651	9107390,157
123	289900,1379	9107384,057

TABELA 18 – ZEIS 1 CARANGUEJO TABAIARES		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289899,0711	9107978,692
2	289924,5111	9107934,165
3	289950,2836	9107943,647
4	289950,489	9107943,723
5	289973,6046	9107952,227
6	289973,8957	9107952,334
7	289970,1915	9107960,933
8	289987,8202	9107968,043
9	289983,1564	9107974,87
10	289973,8862	9107995,994
11	289978,8843	9107997,835
12	289981,9055	9107998,948
13	289989,2722	9107990,195
14	289995,7182	9107977,536
15	290010,8552	9107957,799
16	290011,4532	9107958,631
17	290023,9568	9107969,679
18	290041,4824	9107985,57
19	290041,6543	9107985,316
20	290041,8788	9107985,514
21	290045,5324	9107980,038
22	290046,1581	9107979,112
23	290048,9861	9107974,928
24	290052,6024	9107969,578
25	290052,3892	9107969,435
26	290064,7854	9107951,097
27	290064,9554	9107951,205
28	290076,6845	9107933,759
29	290079,3385	9107929,812
30	290079,4824	9107929,598
31	290080,9584	9107927,398
32	290084,2663	9107922,468
33	290085,8601	9107920,093
34	290089,2924	9107914,978
35	290092,9257	9107909,517
36	290092,8998	9107909,505
37	290098,8728	9107900,668
38	290101,9723	9107895,832
39	290102,8935	9107896,507
40	290104,8514	9107897,936
41	290113,7345	9107886,279
42	290119,0861	9107879,256
43	290116,1662	9107876,594
44	290115,4877	9107875,975
45	290120,7849	9107867,77
46	290121,3808	9107866,986
47	290126,0171	9107861,123
48	290125,8244	9107860,971

124	289899,4361	9107371,778
125	289894,3643	9107360,32
126	289893,7203	9107334,985
127	289898,1428	9107322,092
128	289902,0171	9107313,978
129	289904,4637	9107307,376
130	289915,4474	9107280,595
131	289901,8322	9107278,272
132	289899,7196	9107283,924
133	289900,4866	9107284,112
134	289895,4548	9107301,072
135	289895,1656	9107301,021
136	289903,3193	9107302,504
137	289885,5793	9107321,066
138	289880,1691	9107316,459
139	289871,8559	9107334,975
140	289865,4345	9107334,032
141	289862,9653	9107351,399
142	289862,5276	9107353,87
143	289860,6984	9107364,197
144	289859,7183	9107369,731
145	289859,6706	9107370
146	289857,7893	9107380,622
147	289857,5358	9107382,053
148	289855,6242	9107381,706
149	289850,3862	9107380,532
150	289849,4086	9107387,704
151	289822,3012	9107389,289
152	289822,0012	9107389,306
153	289817,6929	9107389,558
154	289816,1375	9107399,113
155	289811,6024	9107399,268
156	289805,8624	9107399,148
157	289799,6924	9107399,388
158	289793,9224	9107399,628
159	289792,5407	9107399,659
160	289792,429	9107399,662
161	289788,0024	9107399,763
162	289781,4395	9107399,661
163	289775,4024	9107399,629
164	289766,8684	9107400,006
165	289758,9631	9107400,548
166	289752,5731	9107400,708
167	289752,8824	9107403,798
168	289753,051	9107405,482
169	289753,0585	9107405,557
170	289753,9124	9107414,088
171	289754,3657	9107418,617
172	289751,6524	9107418,668
173	289751,7424	9107419,718
174	289752,1624	9107429,538
175	289746,3424	9107440,638
176	289746,649	9107444,898
177	289746,693	9107445,509
178	289746,6934	9107445,516
179	289747,0124	9107449,948
180	289744,2021	9107450,115
181	289742,1791	9107450,236
182	289742,2796	9107451,972
183	289742,464	9107455,229
184	289742,4763	9107455,446
185	289742,552	9107456,783
186	289742,6293	9107458,036
187	289741,6066	9107458,056
188	289739,8023	9107458,092
189	289739,7967	9107459,675
190	289739,8124	9107461,168
191	289739,8124	9107463,913
192	289740,8924	9107463,688
193	289740,8841	9107468,327
194	289740,8823	9107469,328
195	289740,8754	9107473,207
196	289740,8747	9107473,631
197	289740,8724	9107474,898
198	289737,1592	9107474,903

199	289737,2324	9107477,348
200	289737,5124	9107487,378
201	289736,6423	9107496,658
202	289729,7529	9107496,76
203	289723,9724	9107496,888
204	289724,2124	9107509,858
205	289724,5224	9107513,168
206	289724,5024	9107513,948
207	289729,9524	9107514,098
208	289729,9273	9107511,919
209	289731,3124	9107511,919
210	289731,3124	9107512,368
211	289731,3824	9107516,588
212	289731,5724	9107528,448
213	289731,4624	9107531,818
214	289731,3573	9107534,107
215	289722,8389	9107534,863
216	289711,0793	9107533,775
217	289693,5226	9107531,324
218	289691,8998	9107544,671
219	289699,934	9107544,723
220	289727,6373	9107544,758
221	289738,957	9107545,004
222	289751,815	9107539,584
223	289787,1537	9107523,592
224	289844,2033	9107500,902
225	289844,5485	9107501,481
226	289847,4589	9107508,889
227	289859,2529	9107537,137
228	289862,6251	9107545,213
229	289854,7997	9107549,221
230	289828,5429	9107559,528
231	289828,335	9107559,61
232	289806,7769	9107568,073
233	289770,9666	9107584,286
234	289763,3399	9107587,481
235	289740,5789	9107596,807
236	289719,2567	9107605,544
237	289719,3876	9107605,895
238	289717,6854	9107606,608
239	289720,0456	9107611,63
240	289725,3483	9107626,574
241	289729,4459	9107638,224
242	289730,5778	9107641,777
243	289720,0011	9107644,076
244	289717,5917	9107644,597
245	289717,6007	9107644,894
246	289717,6648	9107647,013
247	289717,8742	9107648,783
248	289718,1948	9107651,493
249	289719,0448	9107657,583
250	289723,4248	9107656,573
251	289727,9248	9107655,533
252	289733,1761	9107654,32
253	289738,0448	9107653,233
254	289744,4495	9107651,733
255	289750,7733	9107650,252
256	289756,1048	9107649,003
257	289759,8861	9107647,935
258	289761,9598	9107653,038
259	289769,2609	9107671,006
260	289769,8788	9107671,84
261	289769,9477	9107671,933
262	289770,4118	9107672,559
263	289776,9349	9107681,364
264	289779,9058	9107685,374
265	289777,1861	9107686,919
266	289772,8893	9107689,361
267	289761,8948	9107692,573
268	289762,1948	9107694,813
269	289764,0048	9107694,773
270	289764,3948	9107699,193
271	289765,0448	9107703,793
272	289765,2125	9107705,408
273	289765,5963	9107709,102

274	289765,9448	9107712,953
275	289792,1386	9107709,396
276	289794,8627	9107708,31
277	289787,3868	9107690,513
278	289779,9268	9107675,173
279	289794,8268	9107667,053
280	289793,5997	9107665,092
281	289791,7346	9107662,113
282	289788,3505	9107656,706
283	289786,5268	9107653,793
284	289789,426	9107652,948
285	289789,522	9107652,92
286	289790,6468	9107652,593
287	289794,7468	9107650,663
288	289795,3321	9107650,404
289	289795,6674	9107650,255
290	289794,0413	9107644,975
291	289812,8668	9107637,163
292	289815,5668	9107636,343
293	289816,4668	9107637,413
294	289819,1868	9107636,683
295	289821,2268	9107640,723
296	289819,9468	9107641,533
297	289827,1068	9107657,523
298	289829,5568	9107656,473
299	289834,6068	9107653,763
300	289838,5368	9107650,543
301	289838,9268	9107651,143
302	289840,8168	9107649,393
303	289860,8868	9107636,963
304	289872,3368	9107630,253
305	289875,4791	9107628,311
306	289885,2348	9107622,282
307	289890,2168	9107619,203
308	289892,7168	9107623,583
309	289893,4524	9107624,872
310	289898,0508	9107632,928
311	289898,9468	9107634,083
312	289908,6368	9107650,063
313	289909,7268	9107652,393
314	289913,5068	9107655,473
315	289918,6868	9107665,013
316	289920,6368	9107669,543
317	289924,0868	9107675,993
318	289915,097	9107681,595
319	289934,8119	9107724,205
320	289945,6875	9107720,472
321	289949,7455	9107726,64
322	289946,3367	9107738,49
323	289944,0678	9107740,914
324	289942,3406	9107742,026
325	289902,1854	9107767,87
326	289902,6551	9107768,809
327	289903,8086	9107771,116
328	289903,1753	9107771,478
329	289866,6371	9107792,38
330	289844,8861	9107754,884
331	289825,9601	9107766,838
332	289819,9935	9107770,606
333	289819,7655	9107770,259
334	289816,4675	9107765,234
335	289816,3212	9107765,403
336	289804,5722	9107778,971
337	289809,7934	9107787,883
338	289809,804	9107787,901
339	289811,1316	9107790,168
340	289812,1305	9107792,18
341	289820,2835	9107808,606
342	289793,3665	9107822,474
343	289793,1955	9107822,562
344	289790,0433	9107824,186
345	289780,7333	9107830,106
346	289774,3565	9107835,706
347	289785,5833	9107854,646
348	289796,8161	9107852,143

349	289800,6704	9107850,328
350	289800,823	9107850,256
351	289818,9185	9107841,733
352	289811,0377	9107856,793
353	289814,3561	9107859,755
354	289815,4265	9107860,71
355	289806,4668	9107874,683
356	289805,7421	9107874,319
357	289802,1653	9107872,52
358	289790,2468	9107897,393
359	289785,8138	9107897,117
360	289784,0784	9107902,491
361	289786,1268	9107912,343
362	289767,4668	9107947,173
363	289762,6468	9107953,653
364	289755,7605	9107958,543
365	289750,509	9107960,821
366	289747,1882	9107961,903
367	289743,9832	9107962,868
368	289742,2456	9107962,984
369	289740,4694	9107962,405
370	289736,4535	9107960,281
371	289726,02	9107963,272
372	289730,78	9108002,018
373	289775,5145	9107994,821
374	289807,1212	9107989,735
375	289863,847	9107980,836
376	289869,0058	9107980,522
377	289869,2335	9107980,508
378	289877,3475	9107980,014
379	289899,0711	9107978,692

TABELA 19 – ZEIS 1 CASA AMARELA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	288158,8725	9114825,6620
2	288184,5514	9114817,0640
3	288208,3072	9114825,2090
4	288210,1743	9114823,7150
5	288220,6375	9114816,1590
6	288238,5109	9114803,3760
7	288247,7870	9114796,4760
8	288266,2260	9114783,3540
9	288277,1989	9114773,0600
10	288287,9456	9114758,5800
11	288298,4899	9114744,2240
12	288308,5339	9114723,8510
13	288318,0362	9114702,5840
14	288321,5430	9114693,0820
15	288338,3983	9114645,2310
16	288341,9051	9114632,6740
17	288341,4526	9114624,9820
18	288331,4915	9114598,1870
19	288321,4642	9114577,0160
20	288317,3575	9114568,7600
21	288315,5746	9114545,1820
22	288317,6399	9114536,6260
23	288348,1044	9114463,3720
24	288387,1734	9114376,8620
25	288472,7230	9114414,1670
26	288655,4714	9114486,0050
27	288786,7420	9114544,5250
28	288930,5340	9114590,1270
29	288941,9667	9114601,6510
30	288995,0499	9114670,8180
31	289056,6538	9114621,7160
32	289124,8246	9114567,3810
33	289174,0831	9114528,1190
34	289200,8661	9114510,6210
35	289222,1623	9114501,2150
36	289244,3536	9114494,8460
37	289257,4080	9114492,5720
38	289285,7803	9114490,8420
39	289318,3322	9114489,9990
40	289346,9490	9114489,2580
41	289374,1553	9114488,5530

42	289384,0418	9114488,2970
43	289408,2025	9114487,6710
44	289427,7517	9114486,0330
45	289444,8648	9114482,6940
46	289461,7858	9114477,5340
47	289473,1301	9114472,9490
48	289486,5722	9114466,2170
49	289497,3381	9114459,6820
50	289506,7373	9114453,0210
51	289530,5488	9114434,9040
52	289543,5584	9114425,0060
53	289558,4260	9114414,8900
54	289570,8879	9114408,0370
55	289588,6522	9114400,4420
56	289604,3317	9114395,6110
57	289615,7374	9114393,1050
58	289631,7648	9114390,9390
59	289644,1154	9114390,3160
60	289668,7384	9114390,6700
61	289787,1736	9114392,7900
62	289852,0414	9114393,9500
63	289873,9826	9114395,5530
64	289889,2021	9114398,1120
65	289904,2905	9114401,8680
66	289915,6895	9114405,5550
67	289952,3056	9114418,6240
68	289999,7412	9114435,5530
69	290036,4609	9114448,6590
70	290079,0552	9114463,8610
71	290134,5475	9114483,6660
72	290176,9738	9114498,8080
73	290191,2465	9114504,6440
74	290204,4737	9114511,4860
75	290223,7343	9114524,3650
76	290240,4720	9114539,1420
77	290248,4438	9114547,7460
78	290264,6679	9114566,5160
79	290264,7271	9114566,5840
80	290288,0552	9114593,5730
81	290288,3907	9114593,9610
82	290307,9103	9114616,5430
83	290316,0218	9114625,9270
84	290324,0365	9114634,8340
85	290331,0300	9114642,0540
86	290352,7157	9114661,6880
87	290376,3639	9114681,0870
88	290421,7805	9114718,3440
89	290475,0032	9114762,0050
90	290499,0262	9114782,6760
91	290516,0862	9114797,3570
92	290534,4721	9114816,4830
93	290556,6303	9114839,5350
94	290587,2631	9114871,8510
95	290613,4560	9114899,4070
96	290634,4128	9114918,9440
97	290648,9372	9114930,6480
98	290665,2168	9114943,6710
99	290683,1047	9114957,1620
100	290706,2630	9114974,6270
101	290720,0815	9114985,0480
102	290731,5749	9114993,7160
103	290761,1525	9115016,0230
104	290768,5906	9115021,6330
105	290768,8427	9115021,7690
106	290811,4365	9114947,0640
107	290880,5445	9114825,8560
108	290889,4916	9114805,5860
109	290907,4762	9114772,7380
110	290915,9483	9114758,1720
111	290941,0673	9114717,8930
112	290949,3907	9114710,6100
113	290955,3361	9114705,8530
114	290965,5917	9114701,3940
115	290975,5502	9114697,8270
116	290984,4681	9114696,1920

117	291000,8178	9114695,3000
118	291012,1139	9114696,4900
119	291023,4100	9114698,4220
120	291041,9891	9114703,4750
121	291069,6349	9114710,3120
122	291092,6730	9114716,7040
123	291119,7242	9114724,1350
124	291140,5329	9114729,6350
125	291166,3950	9114735,8770
126	291185,5687	9114738,5530
127	291207,5664	9114741,2280
128	291221,8352	9114740,9310
129	291231,0504	9114739,2960
130	291243,6842	9114735,4310
131	291254,6831	9114728,8920
132	291262,8579	9114721,9060
133	291269,2491	9114714,3250
134	291284,4097	9114693,9630
135	291301,9484	9114670,1810
136	291319,4871	9114643,2790
137	291338,3635	9114616,0790
138	291348,3219	9114606,2690
139	291358,1317	9114599,7290
140	291371,6573	9114593,7840
141	291421,7467	9114573,4210
142	291464,7016	9114555,7340
143	291482,6862	9114546,5190
144	291491,7529	9114540,5730
145	291510,6293	9114524,9670
146	291565,6235	9114477,7020
147	291588,6176	9114458,2190
148	291582,9813	9114454,3380
149	291508,2176	9114402,8650
150	291510,8351	9114398,3600
151	291527,1145	9114372,9210
152	291538,2207	9114361,5170
153	291551,7555	9114339,8720
154	291551,8141	9114339,7780
155	291565,1618	9114318,4320
156	291574,5415	9114303,6520
157	291609,4649	9114246,4830
158	291621,4986	9114228,1760
159	291631,1361	9114213,5140
160	291651,2362	9114177,1650
161	291658,9651	9114160,2210
162	291677,3956	9114159,6270
163	291674,9234	9114101,2480
164	291672,4307	9114072,2210
165	291676,0573	9114070,7280
166	291681,6779	9114068,6280
167	291688,8866	9114067,0780
168	291696,8443	9114065,6580
169	291699,1521	9114065,2460
170	291699,1121	9114064,7410
171	291698,7816	9114060,5670
172	291709,3431	9114058,5540
173	291720,3039	9114056,4850
174	291730,4592	9114055,9220
175	291733,3832	9114055,5120
176	291741,5576	9114054,4800
177	291742,7097	9114054,3420
178	291743,6305	9114054,2320
179	291743,4959	9114053,6940
180	291749,9600	9114053,1440
181	291752,8781	9114052,8960
182	291752,8842	9114052,5640
183	291756,9598	9114052,3790
184	291756,3069	9114047,8020
185	291755,6387	9114043,7140
186	291754,0715	9114038,2380
187	291752,7968	9114033,7830
188	291760,1984	9114031,1680
189	291758,2035	9114024,3140
190	291754,8760	9114013,0210
191	291760,6075	9114011,0490

192	291763,1209	9114010,1850
193	291762,3490	9114007,5120
194	291760,4977	9114001,1030
195	291754,8547	9113982,0150
196	291754,8119	9113981,8700
197	291754,0273	9113979,2160
198	291752,1018	9113973,4830
199	291742,8533	9113975,9780
200	291740,6628	9113959,2450
201	291733,6092	9113960,3770
202	291731,0493	9113960,8270
203	291726,4250	9113944,7030
204	291727,8124	9113944,4320
205	291739,8110	9113942,0870
206	291738,1073	9113935,3330
207	291735,4910	9113924,9280
208	291725,8936	9113927,0430
209	291713,9517	9113929,6740
210	291708,9624	9113916,7140
211	291703,9122	9113905,3360
212	291721,3748	9113899,3120
213	291734,1524	9113895,9660
214	291732,0836	9113886,5350
215	291727,1552	9113887,7520
216	291725,0864	9113880,6330
217	291724,4171	9113867,0030
218	291723,1312	9113867,0810
219	291720,4013	9113867,2470
220	291720,4622	9113858,7280
221	291719,5495	9113850,1490
222	291719,0627	9113839,7450
223	291721,8638	9113839,5700
224	291721,6880	9113835,7560
225	291722,7134	9113835,6680
226	291722,6332	9113828,4020
227	291721,2531	9113818,9960
228	291721,4965	9113810,3560
229	291722,1050	9113803,6630
230	291721,8008	9113796,3010
231	291721,7434	9113794,2240
232	291720,5230	9113794,3540
233	291720,5046	9113792,3480
234	291721,3267	9113772,4440
235	291721,5358	9113768,6780
236	291721,1923	9113759,4890
237	291721,0706	9113754,4390
238	291720,5599	9113733,2710
239	291719,4886	9113733,6910
240	291717,7850	9113726,0240
241	291715,4120	9113715,9850
242	291713,4649	9113709,5960
243	291705,8169	9113682,0800
244	291702,5576	9113672,8960
245	291703,6688	9113672,2370
246	291702,3302	9113668,4040
247	291702,6344	9113668,0390
248	291701,6609	9113665,2400
249	291699,8355	9113660,8590
250	291698,4361	9113658,0600
251	291694,2378	9113651,3060
252	291692,7090	9113652,3010
253	291691,0384	9113653,3880
254	291690,0570	9113651,2850
255	291685,7109	9113642,8730
256	291690,4495	9113640,8590
257	291688,3747	9113636,2840
258	291678,7010	9113613,5720
259	291671,4107	9113608,6650
260	291664,1204	9113597,1690
261	291654,4121	9113583,7740
262	291653,0447	9113581,8870
263	291633,4170	9113594,0840
264	291619,6776	9113604,5990
265	291603,8739	9113621,3050
266	291592,8757	9113635,0590

267	291585,4696	9113654,9200
268	291584,8057	9113681,3620
269	291586,8713	9113687,1760
270	291599,3489	9113700,0740
271	291602,9940	9113702,8780
272	291542,0013	9113762,7420
273	291541,0639	9113772,2570
274	291535,4251	9113825,2620
275	291530,5014	9113890,7980
276	291528,2943	9113914,9070
277	291523,6867	9113975,9580
278	291518,1407	9114002,9250
279	291498,6274	9114023,3460
280	291418,5737	9114015,1910
281	291413,3847	9114014,6620
282	291409,0843	9114007,2900
283	291412,7371	9113971,1090
284	291403,3504	9113967,1530
285	291393,6779	9113947,5010
286	291393,2954	9113946,9450
287	291377,7579	9113928,8970
288	291360,9609	9113910,6330
289	291307,1036	9113960,8050
290	291278,1132	9113986,1710
291	291271,8565	9113991,9210
292	291222,1197	9113935,4120
293	291203,3234	9113906,5020
294	291150,0117	9113824,3660
295	291112,7670	9113765,6490
296	291074,6778	9113747,0140
297	291050,1042	9113720,8020
298	291032,3627	9113700,4830
299	291093,3129	9113645,4430
300	291155,5661	9113578,4800
301	291176,0441	9113555,9540
302	291240,8339	9113495,4830
303	291214,5752	9113456,7160
304	291181,7780	9113420,5940
305	291174,6107	9113411,5840
306	291156,2770	9113389,7300
307	291142,0046	9113370,3820
308	291125,6390	9113345,4230
309	291116,0353	9113333,3090
310	291105,7064	9113345,3590
311	291092,9940	9113358,2040
312	291066,1125	9113382,1720
313	291039,0986	9113410,9080
314	291001,4910	9113449,0450
315	290982,6872	9113467,0540
316	290966,6643	9113484,4010
317	290958,8811	9113492,7260
318	290956,6383	9113469,7180
319	290955,9382	9113465,3330
320	290953,6870	9113448,9130
321	290948,9198	9113420,0450
322	290947,3308	9113398,4600
323	290947,0659	9113390,7800
324	290950,9062	9113372,7700
325	290958,1893	9113348,5370
326	290965,2076	9113332,6470
327	290976,9931	9113314,7700
328	291009,0390	9113267,8930
329	291033,0072	9113233,8610
330	291048,5005	9113210,1570
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332	291079,8843	9113147,6550
333	291085,3136	9113136,6640
334	291089,6813	9113126,2780
335	291091,1418	9113120,2280
336	291090,8753	9113115,6090
337	291090,3624	9113106,2060
338	291087,5797	9113097,0100
339	291083,5921	9113090,5810
340	291072,2039	9113079,1930
341	291040,9567	9113055,6580

342	291030,2350	9113046,3690
343	290995,8335	9113017,8520
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345	290939,1216	9112972,4890
346	290911,7296	9112952,9850
347	290887,1970	9112929,5850
348	290869,5436	9112902,4250
349	290836,1218	9112825,3590
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351	290780,1570	9112978,4340
352	290774,6147	9112983,6230
353	290714,3473	9113032,5210
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356	290475,1796	9112738,8560
357	290465,3268	9112704,4670
358	290457,5437	9112684,6080
359	290453,0071	9112663,4440
360	290457,2687	9112662,0950
361	290465,8753	9112658,1400
362	290467,5949	9112656,6600
363	290470,1813	9112652,3320
364	290470,2948	9112650,2320
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366	290455,9914	9112628,3050
367	290435,8110	9112607,4190
368	290430,5188	9112602,4310
369	290429,1927	9112600,9340
370	290427,0514	9112595,5900
371	290427,2252	9112592,1020
372	290428,7742	9112586,4970
373	290433,0775	9112577,1930
374	290455,2916	9112554,7460
375	290477,0405	9112536,3700
376	290495,0676	9112518,6920
377	290533,3317	9112482,1720
378	290549,7306	9112467,5180
379	290557,4552	9112460,8660
380	290560,1980	9112456,1200
381	290560,3143	9112452,5150
382	290558,4534	9112446,3500
383	290542,2871	9112426,1130
384	290522,6317	9112401,8060
385	290517,3980	9112395,6420
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387	290512,6213	9112375,3010
388	290512,0480	9112372,1480
389	290506,3491	9112372,0320
390	290481,1111	9112372,4970
391	290458,8970	9112372,8460
392	290445,6383	9112373,7770
393	290436,2211	9112374,6780
394	290418,4231	9112374,4740
395	290418,4231	9112376,4230
396	290416,9456	9112376,5690
397	290414,5851	9112376,8000
398	290410,5144	9112376,8000
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403	290331,2963	9112356,3570
404	290322,1114	9112351,7040
405	290316,6569	9112349,1200
406	290301,7108	9112340,1290
407	290289,9161	9112335,5560
408	290282,3448	9112333,6930
409	290273,7406	9112333,1860
410	290262,5824	9112335,3430
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412	290231,0570	9112347,6080
413	290191,7462	9112369,1240
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422	290119,8282	9112423,2010
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424	290110,5658	9112424,3690
425	290088,2354	9112433,2080
426	290072,8832	9112437,0460
427	290064,6256	9112438,0930
428	290053,6930	9112437,8600
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433	289965,6080	9112423,2060
434	289959,8355	9112421,5780
435	289954,8344	9112419,7170
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437	289922,9671	9112395,9910
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444	289851,7889	9112429,9520
445	289843,8802	9112430,3000
446	289836,7856	9112430,3000
447	289836,2041	9112432,8590
448	289834,1309	9112443,6960
449	289833,6454	9112446,2340
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451	289830,1840	9112438,4670
452	289817,7052	9112440,2390
453	289815,6182	9112440,5350
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457	289811,5476	9112453,5610
458	289805,9550	9112455,3240
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461	289795,2650	9112460,0740
462	289787,9378	9112463,4470
463	289780,3781	9112467,0530
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466	289762,3509	9112477,9850
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468	289743,2175	9112481,4300
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473	289721,1264	9112468,1120
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476	289691,7351	9112474,8160
477	289687,6996	9112476,6360
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482	289644,2214	9112488,5960
483	289644,2971	9112495,1890
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487	289627,7737	9112506,1160
488	289619,9054	9112507,5040
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656	287616,6292	9113535,6160
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661	287714,6294	9113711,7140
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672	287717,0189	9113988,0250
673	287716,4896	9114009,6500
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678	287656,8638	9114606,0730
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692	287288,6740	9114565,0390
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702	287004,3244	9114672,2000
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704	286990,9292	9114687,4610
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716	286825,2402	9114715,7050

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762	286428,3064	9114366,1610
763	286412,5523	9114484,8860
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768	286353,9736	9114892,2060
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776	286293,0428	9115232,6890
777	286284,5679	9115261,7700
778	286266,8105	9115306,4320
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780	286241,5196	9115389,3000
781	286233,9861	9115425,8910
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785	286235,6933	9115549,7420
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798	286498,7643	9115986,9550
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805	286892,3166	9116596,7420
806	286984,7742	9116710,9250
807	287003,2465	9116731,8700
808	287406,9527	9116594,2080
809	287445,5926	9116564,4970
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813	287540,6384	9116311,6890
814	287560,9808	9116260,8600
815	287600,3942	9116224,0090
816	287699,5634	9116176,9920
817	287760,5906	9116115,9970
818	287838,2212	9115951,8730
819	287917,9683	9115724,7880
820	287925,5466	9115657,2330
821	287941,7423	9115591,3940
822	287987,7179	9115531,0130
823	288033,2340	9115502,8160
824	288061,4464	9115478,0020
825	288139,7943	9115374,7870
826	288178,9155	9115345,4620
827	288212,0181	9115319,5200
828	288239,2072	9115274,9780
829	288250,8684	9115247,5320
830	288259,3105	9115232,6420
831	288239,3028	9115210,6180
832	288222,7869	9115193,3110
833	288210,3434	9115178,2650
834	288189,3025	9115157,2240
835	288157,6107	9115124,7500
836	288152,3020	9115117,7950
837	288148,1897	9115112,4080
838	288106,6854	9115076,6220
839	288090,0786	9115063,2970
840	288077,7826	9115044,3280
841	288076,2311	9115010,0180
842	288072,5636	9114982,7980
843	288071,9942	9114976,0020
844	288076,1798	9114944,4410
845	288081,8359	9114930,5260
846	288088,6233	9114913,4450
847	288094,3925	9114904,0560
848	288105,1392	9114890,0290
849	288121,0895	9114867,5170
850	288134,0986	9114845,3450
851	288142,2435	9114832,4490
852	288158,8725	9114825,6620

12	283490,3925	9105758,2090
13	283474,2958	9105732,0960
14	283469,6563	9105717,2080
15	283468,5567	9105697,4140
16	283474,6832	9105670,3940
17	283479,6934	9105651,7370
18	283503,4561	9105596,5070
19	283507,3281	9105571,0720
20	283471,2796	9105569,7040
21	283399,2922	9105545,3470
22	283444,0539	9105413,3680
23	283454,0285	9105311,2230
24	283378,8802	9105315,9750
25	283376,8149	9105292,4310
26	283361,3701	9105228,6160
27	283359,7372	9105226,1280
28	283331,7308	9105186,9840
29	283429,8590	9105115,5170
30	283674,4861	9105040,4010
31	283634,8351	9104932,4690
32	283626,5429	9104914,4030
33	283623,3633	9104910,1950
34	283610,6450	9104899,8140
35	283611,5226	9104898,5250
36	283617,1912	9104891,0240
37	283598,9554	9104879,6150
38	283590,8194	9104889,4340
39	283568,8429	9104874,5650
40	283557,3403	9104867,2700
41	283555,9591	9104868,6060
42	283554,5348	9104869,9820
43	283546,7729	9104863,0620
44	283548,6404	9104860,8600
45	283550,4201	9104858,7600
46	283541,1619	9104855,5810
47	283524,8316	9104853,0510
48	283521,2428	9104852,4950
49	283506,1866	9104842,8620
50	283507,0725	9104841,6830
51	283499,3278	9104836,7250
52	283497,2707	9104835,0760
53	283503,5681	9104827,9000
54	283496,5911	9104823,7270
55	283499,2663	9104820,6050
56	283492,8136	9104815,9300
57	283488,2313	9104822,2890
58	283486,4545	9104820,8860
59	283480,7500	9104816,8650
60	283478,6926	9104818,6420
61	283470,7436	9104813,7790
62	283470,0890	9104815,0880
63	283461,8222	9104811,6090
64	283432,6642	9104793,1790
65	283431,6158	9104792,5160
66	283433,5239	9104790,4930
67	283425,8555	9104783,9470
68	283426,6971	9104783,0120
69	283420,8991	9104780,5800
70	283416,5973	9104777,8680
71	283408,2743	9104773,2860
72	283406,9575	9104776,9310
73	283398,2115	9104794,3560
74	283397,9912	9104794,7950
75	283414,1659	9104803,4920
76	283393,8695	9104839,6330
77	283386,2043	9104859,7890
78	283379,5646	9104868,5800
79	283358,2427	9104910,1950
80	283351,0419	9104924,9700
81	283341,3162	9104941,4290
82	283336,0792	9104951,5290
83	283332,1126	9104958,1210
84	283350,4731	9104969,2520
85	283223,4089	9105097,8810
86	283128,1888	9105194,2740

TABELA 20 - ZEIS 1 CAVALLEIRO		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	283072,4279	9106217,0260
2	283083,1193	9106041,7130
3	283109,4441	9106040,6600
4	283235,3454	9106013,1510
5	283345,4663	9105990,9160
6	283433,3680	9105973,5820
7	283430,2262	9105966,8270
8	283392,6812	9105890,1660
9	283356,8777	9105815,5630
10	283499,7909	9105797,9880
11	283496,7920	9105776,0820

87	283055,7788	9105267,5760
88	282985,3235	9105338,8980
89	282976,4436	9105347,8880
90	282973,1399	9105348,9760
91	282966,5002	9105350,9400
92	282959,2994	9105356,5510
93	282957,4746	9105360,2680
94	282950,2663	9105363,3470
95	282944,6172	9105364,7810
96	282936,2942	9105369,4570
97	282933,8627	9105373,4780
98	282935,0785	9105383,8580
99	282937,1252	9105387,6900
100	282943,8691	9105400,3170
101	282942,6550	9105405,9510
102	282950,0412	9105418,7400
103	282953,4078	9105424,0700
104	282955,7457	9105430,4300
105	282953,3143	9105435,8540
106	282949,9315	9105438,6390
107	282946,2111	9105439,4840
108	282943,4015	9105439,1270
109	282935,1720	9105437,3500
110	282919,4611	9105435,6670
111	282910,3900	9105435,0120
112	282897,2041	9105432,8610
113	282892,7153	9105431,4580
114	282887,8097	9105430,9290
115	282885,1404	9105432,7670
116	282881,6803	9105439,2200
117	282878,8748	9105446,2340
118	282878,7812	9105456,2400
119	282880,2688	9105462,4610
120	282881,8673	9105469,1460
121	282882,1479	9105483,1730
122	282882,7090	9105493,2730
123	282881,9608	9105501,4090
124	282877,6590	9105503,3730
125	282863,0704	9105504,1210
126	282847,1725	9105502,9990
127	282831,1811	9105500,3800
128	282817,6971	9105497,3710
129	282800,1457	9105495,5550
130	282782,9018	9105492,5520
131	282776,2866	9105490,7480
132	282773,4203	9105489,6980
133	282766,3209	9105487,0960
134	282759,1908	9105483,0480
135	282754,3102	9105475,7850
136	282749,9149	9105465,6850
137	282744,4909	9105450,6290
138	282739,9086	9105431,7390
139	282731,1382	9105423,0620
140	282731,1180	9105423,0420
141	282727,2080	9105421,3240
142	282721,1116	9105418,6460
143	282711,0640	9105418,9420
144	282704,5486	9105421,8640
145	282702,7823	9105422,4810
146	282692,5890	9105427,0630
147	282681,6475	9105432,6740
148	282671,6550	9105438,3280
149	282668,1203	9105440,8640
150	282662,8506	9105444,6440
151	282660,4191	9105449,4140
152	282659,6747	9105455,2090
153	282659,4883	9105456,6600
154	282654,9370	9105461,3370
155	282651,4415	9105462,7860
156	282642,7444	9105465,5920
157	282625,6308	9105471,4840
158	282615,0634	9105477,4690
159	282598,3239	9105486,3530
160	282575,5992	9105485,6110
161	282561,8522	9105501,1280

162	282555,5227	9105505,5340
163	282551,1913	9105509,9190
164	282549,5080	9105514,2210
165	282547,4506	9105520,5800
166	282546,7960	9105527,1260
167	282547,1701	9105537,5060
168	282546,0242	9105549,1870
169	282538,0695	9105565,7030
170	282530,2064	9105579,6170
171	282522,5751	9105588,7540
172	282519,3955	9105594,9260
173	282510,1374	9105606,3350
174	282506,9763	9105620,7220
175	282508,4541	9105635,0450
176	282511,1661	9105645,7990
177	282512,4753	9105649,7270
178	282520,0502	9105666,9340
179	282525,1463	9105672,1600
180	282533,8907	9105688,6360
181	282540,2979	9105696,6790
182	282542,8683	9105699,9450
183	282548,1988	9105704,6210
184	282556,8958	9105710,4190
185	282568,1179	9105714,7210
186	282570,2866	9105715,5800
187	282578,2140	9105718,7190
188	282580,5081	9105721,0450
189	282586,3537	9105726,9720
190	282592,6193	9105730,6190
191	282602,4040	9105732,8430
192	282602,5833	9105732,8840
193	282612,0709	9105736,3240
194	282619,7252	9105742,5710
195	282620,9022	9105743,5320
196	282636,6658	9105753,8110
197	282647,8879	9105760,0770
198	282657,4266	9105767,1840
199	282664,2533	9105769,1480
200	282673,3245	9105773,4500
201	282678,7485	9105781,4920
202	282688,8483	9105790,3760
203	282693,5241	9105796,0810
204	282699,3309	9105805,4650
205	282704,9764	9105825,0460
206	282705,3073	9105826,1930
207	282709,6091	9105837,6960
208	282714,9395	9105848,1700
209	282720,2005	9105854,7980
210	282728,0223	9105864,8520
211	282733,1516	9105870,8050
212	282742,3400	9105877,7210
213	282749,5408	9105879,5920
214	282757,5833	9105888,7560
215	282758,0508	9105897,5470
216	282757,8139	9105900,3900
217	282757,4897	9105904,2800
218	282762,8477	9105908,2630
219	282764,3165	9105912,8840
220	282760,8564	9105923,5450
221	282759,6963	9105925,5030
222	282755,1518	9105933,1770
223	282751,7852	9105939,9100
224	282751,0371	9105949,2620
225	282751,6245	9105954,8430
226	282752,1593	9105959,9230
227	282752,7204	9105968,3390
228	282752,8466	9105979,6710
229	282756,6481	9105987,4170
230	282758,1665	9106007,2560
231	282761,8850	9106019,3990
232	282762,0949	9106026,6870
233	282762,1788	9106029,5990
234	282762,5397	9106042,1240
235	282764,2230	9106049,9790
236	282765,8127	9106062,9780

237	282769,4861	9106068,6920
238	282773,3876	9106074,7610
239	282781,7081	9106082,4690
240	282788,1187	9106087,4090
241	282794,5292	9106090,9910
242	282797,1320	9106092,4030
243	282807,9864	9106104,7450
244	282812,1772	9106114,2200
245	282812,5543	9106116,1810
246	282812,8183	9106121,1960
247	282811,9094	9106125,1480
248	282808,7080	9106131,6790
249	282805,4272	9106134,2440
250	282800,9398	9106137,8260
251	282795,3588	9106142,4640
252	282793,6242	9106144,5010
253	282789,6270	9106151,0240
254	282786,8361	9106154,9840
255	282782,1769	9106159,7980
256	282781,1955	9106160,7770
257	282779,1438	9106162,3750
258	282775,2593	9106162,9750
259	282774,5056	9106163,0910
260	282771,6343	9106162,3990
261	282769,1886	9106161,8090
262	282766,2849	9106161,9600
263	282763,3624	9106164,1250
264	282761,3750	9106166,5210
265	282759,1673	9106169,1820
266	282757,8043	9106172,6530
267	282757,6898	9106175,3180
268	282757,5214	9106179,2370
269	282764,8278	9106185,0770
270	282786,7770	9106202,6220
271	282839,4050	9106244,9720
272	282880,8971	9106278,4650
273	282881,3875	9106277,4920
274	282889,3741	9106284,6450
275	282902,7286	9106253,7380
276	282913,6416	9106250,5620
277	282979,5730	9106242,4790
278	283016,1314	9106234,9830
279	283072,3704	9106219,9020
280	283072,4279	9106217,0260

TABELA 21 – ZEIS 1 CHAMEGO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287680,4688	9109900,2580
2	287682,5787	9109905,2150
3	287684,5924	9109904,2580
4	287694,2424	9109898,6980
5	287697,5524	9109896,5580
6	287706,2724	9109892,1880
7	287705,6524	9109890,7380
8	287702,8124	9109885,6680
9	287702,5124	9109884,9580
10	287699,6624	9109879,7480
11	287697,7424	9109876,1680
12	287693,8024	9109869,0080
13	287691,7624	9109865,3380
14	287690,4624	9109862,9780
15	287689,2924	9109860,7080
16	287688,7024	9109859,7680
17	287686,7624	9109856,2780
18	287686,2024	9109855,1680
19	287685,9824	9109854,6280
20	287683,8124	9109850,6980
21	287682,7496	9109848,6880
22	287682,6727	9109848,5420
23	287681,5124	9109846,3480
24	287677,6324	9109839,5280
25	287677,2296	9109838,8190
26	287673,1624	9109831,6680
27	287669,1524	9109823,8980
28	287666,5124	9109819,2780

29	287664,0228	9109814,4700
30	287623,9119	9109835,3190
31	287638,6228	9109865,2700
32	287634,7392	9109866,5010
33	287617,7491	9109872,5510
34	287614,0991	9109875,1010
35	287597,7090	9109884,0610
36	287585,9790	9109889,3110
37	287594,2690	9109903,9210
38	287599,3790	9109910,2210
39	287601,5890	9109911,3810
40	287601,8490	9109912,0810
41	287604,7590	9109917,0010
42	287604,8114	9109917,0920
43	287607,2116	9109921,2410
44	287607,2394	9109921,2890
45	287608,2591	9109923,0510
46	287614,8009	9109935,2310
47	287614,9807	9109935,5660
48	287615,5691	9109936,6610
49	287617,8091	9109941,4010
50	287622,6901	9109946,7890
51	287625,9091	9109950,3420
52	287636,7071	9109954,6730
53	287636,1991	9109942,6320
54	287637,7491	9109941,7970
55	287639,3018	9109940,9660
56	287639,7515	9109940,7250
57	287640,5472	9109940,2980
58	287641,1092	9109939,9960
59	287643,2842	9109938,8310
60	287646,0192	9109937,3610
61	287646,8314	9109936,9470
62	287647,9805	9109936,3610
63	287649,9092	9109935,3760
64	287651,0027	9109934,8180
65	287651,8793	9109934,3710
66	287652,8973	9109933,8520
67	287653,7992	9109933,3910
68	287654,3792	9109932,8510
69	287655,7192	9109932,1710
70	287654,2115	9109928,6370
71	287654,2078	9109928,6280
72	287654,3188	9109928,5750
73	287654,8492	9109928,3210
74	287658,8824	9109924,4880
75	287661,4874	9109923,6480
76	287660,8124	9109922,8980
77	287659,1124	9109918,7680
78	287661,7324	9109917,7680
79	287659,2124	9109913,2680
80	287659,0898	9109912,9310
81	287656,9663	9109907,0980
82	287667,1824	9109902,6780
83	287671,0023	9109901,0250
84	287672,4773	9109903,8550
85	287676,2924	9109902,1380
86	287679,3011	9109900,7840
87	287680,4688	9109900,2580

TABELA 22 – ZEIS 1 CHIÉ

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	293477,5878	9111310,9670
2	293459,6294	9111294,4720
3	293399,9508	9111248,2380
4	293488,9894	9111142,7400
5	293412,9567	9111124,0260
6	293180,1380	9111015,4850
7	293150,7291	9111167,8580
8	293102,7380	9111145,7120
9	293090,5624	9111141,7280
10	293061,1064	9111130,9870
11	293050,8763	9111161,4980
12	293081,1053	9111171,2130
13	293076,0333	9111195,1500

14	293061,3824	9111235,9180
15	293071,1524	9111239,0480
16	293071,7324	9111239,1780
17	293070,3824	9111242,2780
18	293074,2324	9111246,9480
19	293053,0624	9111267,8080
20	293049,6424	9111271,9080
21	293048,9948	9111275,5870
22	293046,1624	9111283,9980
23	293040,6124	9111301,2880
24	293035,0582	9111319,6810
25	293056,4368	9111325,3800
26	293058,6724	9111318,1680
27	293073,7124	9111272,8780
28	293081,4807	9111256,6730
29	293087,7024	9111260,7480
30	293100,2624	9111268,9680
31	293115,9224	9111279,3480
32	293113,7824	9111283,1180
33	293125,6324	9111288,1180
34	293131,7516	9111289,9860
35	293122,0272	9111324,9980
36	293127,5124	9111326,2680
37	293184,7624	9111338,5180
38	293185,8624	9111332,4780
39	293188,2624	9111319,8080
40	293183,6224	9111318,1680
41	293185,4624	9111313,6280
42	293234,0800	9111332,6090
43	293240,0829	9111334,9960
44	293250,6805	9111305,6430
45	293309,9117	9111328,8770
46	293337,1412	9111339,7600
47	293355,1641	9111345,2220
48	293356,9914	9111354,8950
49	293344,2587	9111417,3490
50	293383,1024	9111421,3980
51	293393,3624	9111423,4480
52	293397,2224	9111424,7380
53	293381,3442	9111474,6620
54	293371,0759	9111496,1650
55	293381,5718	9111499,1500
56	293402,4922	9111437,6750
57	293418,7060	9111389,0380
58	293442,1270	9111370,0090
59	293443,1334	9111343,3860
60	293477,5878	9111310,9670

TABELA 23 – ZEIS 1 CLOTILDE DE OLIVEIRA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287993,8274	9109537,2330
2	287991,0249	9109531,8960
3	287990,2713	9109530,6110
4	287988,0823	9109526,8780
5	287989,8424	9109525,9380
6	288002,1124	9109522,8880
7	288003,5914	9109522,5170
8	288004,8324	9109522,2080
9	288010,2624	9109519,7080
10	288010,8224	9109523,7280
11	288020,9524	9109522,3180
12	288020,0424	9109517,0880
13	288020,2591	9109517,0440
14	288023,3024	9109516,4280
15	288025,7333	9109515,8730
16	288031,2824	9109514,6080
17	288032,0124	9109514,1280
18	288040,8356	9109511,5470
19	288040,7233	9109511,1050
20	288047,2980	9109509,3220
21	288047,3803	9109509,6330
22	288047,8924	9109509,4830
23	288053,8005	9109507,7550
24	288059,6225	9109506,0520
25	288062,9910	9109505,0660

26	288063,7724	9109504,8380
27	288065,5144	9109504,2660
28	288067,6420	9109503,5690
29	288068,5721	9109502,7180
30	288075,9599	9109499,8890
31	288052,2324	9109450,8580
32	288045,6960	9109438,9430
33	288035,3908	9109443,8610
34	288008,7570	9109451,9000
35	288008,1530	9109452,0830
36	287976,6396	9109458,3900
37	287957,1927	9109463,8140
38	287928,4854	9109473,2060
39	287926,4415	9109473,9510
40	287952,4765	9109525,5440
41	287949,8892	9109526,4690
42	287935,3124	9109531,6380
43	287929,0502	9109534,8530
44	287923,6757	9109538,0940
45	287922,3924	9109535,1580
46	287915,4311	9109538,2750
47	287908,7355	9109541,2730
48	287907,2229	9109541,9500
49	287910,5157	9109548,9490
50	287914,6124	9109556,9080
51	287915,5815	9109558,8560
52	287915,8975	9109559,4910
53	287918,4223	9109564,5680
54	287919,5968	9109566,6510
55	287919,7030	9109566,8390
56	287920,5423	9109568,3280
57	287924,0423	9109573,6880
58	287927,1516	9109580,4360
59	287928,1442	9109579,9280
60	287930,8223	9109578,5580
61	287934,4924	9109585,8380
62	287943,0304	9109603,0320
63	287940,5327	9109604,3100
64	287944,7960	9109612,5860
65	287951,2624	9109625,1380
66	287957,1176	9109635,8250
67	287957,7637	9109636,8810
68	287964,3427	9109648,8060
69	287966,6024	9109653,4380
70	287970,0124	9109660,4280
71	287974,9924	9109670,6880
72	287977,0524	9109669,7080
73	287987,1997	9109664,8570
74	287989,9424	9109670,8680
75	287990,6343	9109672,2490
76	287992,9703	9109676,9130
77	287993,5203	9109678,0120
78	287994,5366	9109680,0410
79	287994,0224	9109678,9980
80	288005,0724	9109673,5680
81	288007,7924	9109678,8180
82	288009,7324	9109682,5580
83	288014,1424	9109680,3780
84	288014,5224	9109681,2180
85	288020,9124	9109677,6280
86	288024,9724	9109675,3280
87	288029,4959	9109672,6990
88	288051,3780	9109715,4100
89	288054,9086	9109713,4960
90	288079,9509	9109700,8720
91	288078,8978	9109699,0110
92	288076,2424	9109694,3180
93	288074,2560	9109690,2570
94	288070,3724	9109682,3180
95	288071,0430	9109681,9770
96	288070,0084	9109679,9000
97	288066,1824	9109672,0380
98	288065,0444	9109670,3710
99	288068,6693	9109669,1740
100	288069,2324	9109668,9880

101	288068,7529	9109666,0410
102	288068,1424	9109662,2880
103	288064,6742	9109655,4350
104	288066,8824	9109654,4180
105	288063,3324	9109646,7180
106	288061,5824	9109639,7580
107	288042,0424	9109649,1580
108	288041,6524	9109648,0680
109	288041,2624	9109646,9780
110	288042,1724	9109646,5880
111	288041,9724	9109645,8980
112	288041,2024	9109644,1980
113	288040,4224	9109641,7880
114	288038,1524	9109633,7780
115	288037,9793	9109633,0140
116	288039,1724	9109632,5180
117	288038,9524	9109631,6680
118	288041,9124	9109630,4980
119	288040,2924	9109626,4780
120	288038,2924	9109621,4480
121	288036,3124	9109616,4280
122	288033,2753	9109607,6290
123	288026,7624	9109609,7980
124	288023,9431	9109601,3220
125	288020,9990	9109602,4720
126	288016,6878	9109590,8840
127	288000,1391	9109597,2830
128	287994,8609	9109587,4080
129	288015,2173	9109577,0030
130	288009,3065	9109566,3450
131	288007,4315	9109563,1220
132	288003,0646	9109555,6140
133	288000,9471	9109550,6330
134	287998,9368	9109546,3310
135	287993,8274	9109537,2330

TABELA 24 – ZEIS 1 COELHOS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292123,8243	9107767,5260
2	292106,6300	9107702,3800
3	292101,6576	9107644,9300
4	292075,4193	9107583,8580
5	292049,6335	9107519,6200
6	292017,0619	9107471,6670
7	291988,5617	9107437,7390
8	291962,0100	9107409,6400
9	291945,2000	9107389,9200
10	291903,5835	9107371,8230
11	291877,4700	9107366,6200
12	291793,5800	9107383,1100
13	291735,8500	9107406,4600
14	291683,3400	9107434,6300
15	291540,2600	9107516,9700
16	291572,9500	9107571,8700
17	291573,8759	9107573,8050
18	291577,9000	9107580,5000
19	291600,5170	9107618,1300
20	291610,2700	9107633,5800
21	291625,5794	9107657,8260
22	291631,0800	9107666,5400
23	291633,3870	9107670,1920
24	291638,5400	9107678,6300
25	291630,5800	9107683,2000
26	291628,1100	9107685,6900
27	291624,2400	9107686,7300
28	291618,3500	9107689,8900
29	291612,9400	9107692,6100
30	291613,0800	9107692,8900
31	291607,5100	9107695,6900
32	291603,0700	9107698,2200
33	291603,5900	9107699,1100
34	291597,9600	9107703,1200
35	291596,6200	9107702,7800
36	291584,6100	9107711,2600
37	291579,5400	9107714,9100

38	291573,3500	9107719,2300
39	291572,7300	9107719,8600
40	291569,0700	9107722,0600
41	291567,1700	9107723,3600
42	291544,1200	9107739,2200
43	291543,7429	9107739,9860
44	291540,0800	9107742,3400
45	291529,3900	9107750,0000
46	291523,0500	9107754,4800
47	291511,0600	9107762,7500
48	291505,6600	9107766,3200
49	291503,3200	9107765,7900
50	291499,0700	9107758,5400
51	291494,3400	9107750,4800
52	291493,9800	9107750,8700
53	291488,7700	9107754,1200
54	291484,0200	9107753,7300
55	291480,1300	9107755,8300
56	291480,5600	9107756,5100
57	291483,4700	9107761,1900
58	291486,1000	9107765,8100
59	291488,7100	9107770,3900
60	291495,8800	9107782,9000
61	291498,9700	9107788,0600
62	291504,8200	9107797,8500
63	291506,9600	9107801,6900
64	291510,6200	9107799,8100
65	291511,0300	9107800,5000
66	291515,7900	9107797,7100
67	291517,7300	9107796,3200
68	291521,0400	9107793,9600
69	291523,4100	9107792,2700
70	291527,3000	9107789,5100
71	291529,9200	9107787,6300
72	291533,3400	9107785,1900
73	291533,8900	9107786,0000
74	291539,4400	9107782,2500
75	291539,0100	9107781,5800
76	291550,5500	9107772,8500
77	291550,1600	9107772,2600
78	291560,7300	9107765,4900
79	291567,1400	9107761,3200
80	291575,7500	9107755,8700
81	291576,7900	9107757,4000
82	291576,9600	9107757,7000
83	291584,4800	9107752,7500
84	291594,8300	9107745,9900
85	291607,2200	9107737,8300
86	291616,9900	9107731,4200
87	291629,6300	9107723,4000
88	291638,5900	9107717,8100
89	291647,5400	9107712,2300
90	291648,4100	9107712,0400
91	291656,9600	9107708,8100
92	291661,5800	9107716,3800
93	291698,9840	9107774,5650
94	291715,8963	9107801,8430
95	291735,4759	9107833,1030
96	291735,4600	9107850,2800
97	291759,6447	9107870,9100
98	291766,7900	9107880,0100
99	291777,3383	9107890,5530
100	291818,3609	9107904,0810
101	291838,4393	9107910,6520
102	291866,6500	9107919,8800
103	291934,1000	9107942,5600
104	292050,0700	9107981,4400
105	292144,0800	9108012,8700
106	292171,5400	9108022,0500
107	292241,8763	9108047,3130
108	292255,4649	9108054,3470
109	292259,1100	9108056,2300
110	292264,9474	9108058,5340
111	292265,4900	9108057,8000
112	292295,4413	9108017,4880

113	292303,0500	9108007,2500
114	292266,5356	9107986,0460
115	292213,3000	9107955,1300
116	292189,2900	9107915,3600
117	292158,2100	9107863,8800
118	292136,4900	9107811,4100
119	292123,8243	9107767,5260

TABELA 25 – ZEIS 1 COMUNIDADE RIO AZUL

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289450,4878	9100459,7490
2	289622,4706	9100279,0860
3	289616,0480	9100264,1120
4	289607,4713	9100264,9030
5	289607,1533	9100260,7790
6	289576,6278	9100267,9980
7	289574,8130	9100258,9350
8	289540,1567	9100268,0800
9	289543,1717	9100284,9220
10	289503,8016	9100293,4440
11	289510,1510	9100319,5250
12	289496,1917	9100325,3950
13	289503,4865	9100337,2960
14	289485,6870	9100338,4040
15	289473,5911	9100387,9750
16	289443,8591	9100391,3640
17	289439,7755	9100391,3640
18	289437,0427	9100458,0130
19	289450,4878	9100459,7490

TABELA 26 – ZEIS 1 COQUE

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290774,9363	9107713,1120
2	290782,2218	9107711,6730
3	290808,1859	9107712,0720
4	290879,2702	9107713,1630
5	290921,7645	9107721,3940
6	290928,1078	9107723,5760
7	290947,3862	9107730,2060
8	290960,8838	9107734,8490
9	290973,2942	9107735,5460
10	290973,8145	9107728,8660
11	290979,4763	9107682,3870
12	290979,6079	9107683,1770
13	290987,5080	9107626,5600
14	290990,3835	9107606,5540
15	290996,7248	9107562,4370
16	291001,7282	9107537,8150
17	291004,7275	9107527,7910
18	291006,7316	9107521,0930
19	291015,2900	9107497,2610
20	291020,9518	9107481,4610
21	291024,3751	9107474,0880
22	291033,9869	9107453,9420
23	291045,3104	9107433,4020
24	291052,5522	9107421,9470
25	291066,2457	9107403,3820
26	291086,5226	9107378,8920
27	291085,7325	9107379,0230
28	291104,6928	9107357,1660
29	291117,3329	9107342,8140
30	291138,9265	9107317,9290
31	291171,5802	9107280,1400
32	291181,9820	9107268,0270
33	291191,1988	9107257,0980
34	291212,9241	9107231,9500
35	291228,7243	9107214,4380
36	291240,0477	9107201,1390
37	291252,4245	9107186,7880
38	291262,1680	9107172,8310
39	291271,2860	9107157,8770
40	291272,0431	9107156,6360
41	291272,0463	9107156,6270
42	291279,2877	9107143,1650

43	291281,0923	9107143,9970
44	291291,6519	9107148,8660
45	291379,6427	9107168,0890
46	291392,9165	9107160,0460
47	291527,5897	9107154,7550
48	291542,3193	9107153,9420
49	291567,4659	9107152,5540
50	291647,4462	9107148,1400
51	291665,1336	9107094,1780
52	291614,8627	9107079,2960
53	291624,1231	9107053,4990
54	291604,7671	9107046,8450
55	291583,0496	9107039,5040
56	291576,1672	9107058,2880
57	291549,8148	9107050,8260
58	291545,2110	9107062,2560
59	291558,2285	9107065,4310
60	291538,2127	9107127,0950
61	291532,0876	9107125,9150
62	291515,9003	9107123,5740
63	291490,0188	9107119,8300
64	291507,3628	9107046,9440
65	291506,3098	9107046,5180
66	291508,8887	9107034,9800
67	291519,6079	9107002,5970
68	291544,4865	9106927,9180
69	291529,3052	9106923,0190
70	291511,0791	9106917,1370
71	291479,1709	9106906,8400
72	291475,1215	9106917,1370
73	291460,6500	9106953,9360
74	291460,2046	9106955,2470
75	291458,5430	9106954,5520
76	291450,0450	9106979,5210
77	291402,9695	9106964,1250
78	291371,0024	9106951,3380
79	291313,6149	9106944,2280
80	291258,7348	9106926,9310
81	291206,5230	9106910,4750
82	291177,6188	9106901,3650
83	291125,2312	9106904,5400
84	291118,5712	9106901,9730
85	291118,4558	9106902,3260
86	291114,0241	9106915,8870
87	291112,3075	9106921,2620
88	291088,1800	9106996,7970
89	291081,7000	9107017,0840
90	291064,0983	9107078,4390
91	291058,2319	9107095,1250
92	291007,5387	9107079,3590
93	290969,4580	9107066,6650
94	290968,2138	9107066,2500
95	290935,1309	9107051,8930
96	290908,2901	9107035,6640
97	290879,5767	9107015,0650
98	290850,2390	9106986,3520
99	290829,6403	9106958,2630
100	290808,4173	9106928,3010
101	290794,0606	9106901,7720
102	290785,6338	9106878,3650
103	290785,7037	9106878,2130
104	290785,4840	9106877,9670
105	290778,9265	9106855,7690
106	290772,5877	9106829,3570
107	290765,7208	9106793,4370
108	290757,7973	9106751,7070
109	290753,0433	9106721,5980
110	290744,0634	9106683,5660
111	290740,8819	9106674,9300
112	290735,4591	9106672,6490
113	290729,6327	9106673,5380
114	290724,1027	9106664,1570
115	290723,9253	9106665,6730
116	290718,1900	9106681,5000
117	290704,1179	9106676,8860

118	290695,9709	9106673,7970
119	290687,8240	9106671,2050
120	290678,8623	9106667,7980
121	290677,8424	9106670,7050
122	290677,3810	9106672,0200
123	290670,3450	9106669,5020
124	290669,6784	9106670,9830
125	290666,0493	9106681,5000
126	290650,7573	9106675,3230
127	290647,1632	9106673,8710
128	290650,9404	9106663,4280
129	290651,9773	9106660,2440
130	290645,6078	9106657,8740
131	290644,1717	9106664,1190
132	290631,1724	9106661,9960
133	290635,2791	9106649,1830
134	290631,1724	9106648,1980
135	290628,0295	9106658,0220
136	290622,8325	9106656,3720
137	290620,5291	9106664,3290
138	290615,4352	9106662,6500
139	290613,0981	9106670,5180
140	290606,3830	9106692,1120
141	290576,5554	9106683,6060
142	290572,6760	9106682,5000
143	290583,1669	9106651,4470
144	290585,8428	9106643,5260
145	290575,4410	9106639,5760
146	290559,3775	9106633,9140
147	290558,2768	9106633,4300
148	290569,2530	9106601,8730
149	290458,2641	9106564,7700
150	290447,9454	9106594,9330
151	290477,4655	9106606,6510
152	290477,0848	9106607,8440
153	290476,3568	9106610,1470
154	290470,6331	9106628,2520
155	290464,5764	9106626,1460
156	290423,6275	9106613,2420
157	290425,2075	9106606,1320
158	290427,4459	9106598,2320
159	290412,5674	9106593,0970
160	290421,0099	9106564,6610
161	290420,5080	9106553,9970
162	290391,8365	9106544,0360
163	290387,9216	9106556,4990
164	290354,7638	9106548,3200
165	290346,7503	9106576,3510
166	290338,8471	9106598,8090
167	290326,1870	9106634,7860
168	290211,9582	9106818,7120
169	290203,6847	9106832,0790
170	290195,6399	9106845,0760
171	290164,3293	9106900,9210
172	290161,6262	9106914,4370
173	290160,0050	9106967,4170
174	290163,7863	9107017,7060
175	290179,4742	9107063,7480
176	290179,9491	9107063,8810
177	290179,9600	9107063,9870
178	290483,0689	9107622,6340
179	290508,7527	9107658,0230
180	290538,1024	9107688,6410
181	290621,0618	9107769,7970
182	290627,1346	9107775,7380
183	290634,5265	9107764,6620
184	290638,1826	9107759,1840
185	290721,1371	9107723,7390
186	290764,0474	9107715,2630
187	290774,9363	9107713,1120

TABELA 27 – ZEIS 1 COQUEIRAL		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290069,3278	9102622,2980
2	290099,5471	9102583,5970
3	290108,4760	9102572,4500
4	290124,7149	9102602,6990
5	290124,8020	9102602,8610
6	290124,8845	9102603,0140
7	290126,5414	9102602,1360
8	290139,1514	9102595,4520
9	290128,1309	9102572,7330
10	290130,4650	9102571,5060
11	290140,9626	9102564,9970
12	290152,6080	9102587,7960
13	290155,3929	9102586,4460
14	290170,8727	9102577,5000
15	290157,3151	9102554,2810
16	290185,4174	9102525,9310
17	290189,0554	9102528,2910
18	290196,0596	9102533,5850
19	290213,3751	9102524,7690
20	290226,4275	9102545,6490
21	290239,6462	9102537,7870
22	290241,5111	9102536,4830
23	290242,4486	9102538,0950
24	290264,1830	9102525,4390
25	290264,0698	9102525,2780
26	290239,3154	9102491,8190
27	290237,6378	9102490,1210
28	290221,9519	9102504,3470
29	290219,2191	9102498,9200
30	290218,8691	9102498,2250
31	290218,5396	9102497,5710
32	290215,4179	9102499,9150
33	290211,7031	9102489,8450
34	290209,9559	9102490,0010
35	290204,3665	9102482,3410
36	290203,3831	9102480,9940
37	290194,9970	9102487,6890
38	290191,2974	9102490,2470
39	290181,9193	9102477,9760
40	290174,6084	9102471,4150
41	290188,2929	9102452,4820
42	290185,3890	9102450,1660
43	290181,5742	9102444,5940
44	290102,3896	9102546,0590
45	290100,6812	9102548,3370
46	290098,4723	9102538,3120
47	290089,6665	9102498,3470
48	290080,4938	9102502,7570
49	290011,5747	9102535,8880
50	290005,4635	9102539,0020
51	290009,8416	9102547,7580
52	290020,6211	9102568,6870
53	290019,1645	9102574,0750
54	290009,1145	9102578,9230
55	290016,5878	9102605,2240
56	290015,3439	9102605,4500
57	290006,2278	9102607,6760
58	290006,3355	9102608,0950
59	289990,5313	9102611,8190
60	289978,6746	9102614,4710
61	289977,5824	9102609,0780
62	289968,3124	9102611,0880
63	289955,1724	9102613,9280
64	289953,1324	9102614,3680
65	289951,8824	9102608,4980
66	289938,9524	9102614,1180
67	289932,4324	9102616,9480
68	289928,1724	9102618,7980
69	289930,6524	9102629,5880
70	289933,0124	9102639,6180
71	289951,5824	9102635,3680
72	289957,3424	9102634,0480
73	289959,4324	9102643,8280

74	289962,6224	9102643,0740
75	289983,8324	9102638,0580
76	289983,3576	9102635,7230
77	289995,4762	9102633,2560
78	290018,7308	9102629,8680
79	290019,1595	9102628,8470
80	290020,1105	9102627,2560
81	290022,8638	9102622,6490
82	290020,5071	9102612,9420
83	290022,6293	9102612,6400
84	290046,0518	9102611,0400
85	290047,4822	9102623,9540
86	290045,5902	9102629,6540
87	290047,6560	9102650,0610
88	290050,0362	9102647,0120
89	290051,4968	9102645,1400
90	290069,3278	9102622,2980

TABELA 28 – ZEIS 1 CORONEL FABRICIANO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289371,8900	9101839,7900
2	289363,9231	9101794,1860
3	289334,5857	9101806,7540
4	289239,9370	9101849,2220
5	289242,7866	9101864,9150
6	289251,9823	9101915,5570
7	289252,6673	9101919,3300
8	289253,8566	9101924,9450
9	289255,3594	9101924,6510
10	289265,8966	9101922,5900
11	289289,6086	9101917,9770
12	289327,6687	9101910,8720
13	289371,2947	9101901,9060
14	289384,8019	9101899,1300
15	289371,8900	9101839,7900

TABELA 29 – ZEIS 1 CÔRREGO DA FORTUNA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	284468,3493	9114096,3710
2	284450,3041	9114105,9010
3	284464,8879	9114147,1410
4	284432,3560	9114159,3740
5	284410,2889	9114123,3260
6	284410,1620	9114123,1180
7	284386,0498	9114083,7290
8	284385,8524	9114083,4070
9	284372,5682	9114061,7060
10	284372,4832	9114061,5670
11	284367,4648	9114053,3690
12	284367,4398	9114053,3290
13	284355,9676	9114034,5880
14	284330,9252	9114057,1690
15	284312,4664	9114036,3340
16	284312,0990	9114035,9190
17	284296,5230	9114018,3380
18	284296,4401	9114018,2450
19	284280,2204	9113999,9380
20	284279,7797	9113999,4400
21	284255,5851	9113972,1310
22	284235,4288	9113953,5150
23	284192,7245	9113910,2730
24	284169,8358	9113893,8660
25	284169,0688	9113893,3170
26	284157,9797	9113885,3680
27	284157,9024	9113885,3130
28	284151,4368	9113880,6780
29	284112,6875	9113850,6760
30	284101,5681	9113839,6190
31	284101,2897	9113839,3420
32	284071,4680	9113809,6880
33	284071,4588	9113809,6790
34	284066,2002	9113804,4500
35	284066,1262	9113804,3760
36	284063,4599	9113801,7250
37	284080,6352	9113794,6060

38	284080,6387	9113794,6040
39	284102,9227	9113785,3670
40	284102,9434	9113785,3590
41	284129,7009	9113774,2670
42	284129,8730	9113774,1960
43	284146,1896	9113767,4330
44	284146,2949	9113767,3890
45	284147,8795	9113766,7320
46	284148,8975	9113766,3210
47	284144,2262	9113763,2180
48	284138,7443	9113759,5780
49	284118,9620	9113763,3320
50	284109,6997	9113765,0890
51	284109,6693	9113765,0950
52	284073,5017	9113771,9580
53	284073,4587	9113771,9660
54	284045,8101	9113777,2130
55	284042,8517	9113777,7740
56	284041,9233	9113778,6230
57	284041,8464	9113778,6940
58	284031,4497	9113788,2070
59	284031,3207	9113788,3250
60	284004,2066	9113813,1350
61	284004,1260	9113813,2100
62	283991,6219	9113824,6500
63	283987,7226	9113836,2360
64	283987,7053	9113836,2870
65	283981,8240	9113853,7630
66	283999,5747	9113902,2570
67	283999,7778	9113902,8120
68	284003,1845	9113912,1190
69	284043,3636	9113970,0310
70	284044,6137	9113971,8330
71	284084,8053	9114008,8590
72	284101,0972	9114038,1410
73	284101,3659	9114038,6270
74	284104,9514	9114045,1150
75	284144,5642	9114084,4580
76	284171,6215	9114115,7210
77	284173,0088	9114117,3240
78	284192,7334	9114140,1140
79	284213,6938	9114138,6370
80	284255,4686	9114189,7090
81	284276,7992	9114236,6680
82	284299,3832	9114268,4690
83	284300,2664	9114269,7130
84	284344,7691	9114332,3780
85	284336,1423	9114337,8550
86	284335,4772	9114338,3300
87	284326,0841	9114345,0400
88	284318,2516	9114350,6340
89	284292,7409	9114368,2210
90	284287,5812	9114371,7780
91	284284,6293	9114373,9020
92	284281,8163	9114375,9260
93	284271,0806	9114383,6500
94	284270,1166	9114384,3430
95	284269,3613	9114384,8970
96	284269,4675	9114384,8980
97	284261,7709	9114390,9990
98	284230,4669	9114412,8180
99	284212,0144	9114443,0440
100	284225,8005	9114477,7360
101	284227,5001	9114482,0120
102	284282,7045	9114620,9280
103	284271,2325	9114663,9880
104	284270,6339	9114666,2350
105	284256,0647	9114720,9200
106	284192,2662	9114802,3960
107	284192,8008	9114808,6840
108	284192,9949	9114810,9650
109	284193,1788	9114813,1280
110	284195,0006	9114834,5520
111	284252,6906	9114877,4930
112	284301,8509	9114898,3600

113	284359,5415	9114851,4970
114	284397,9912	9114717,2990
115	284398,2899	9114716,2560
116	284402,6587	9114701,0080
117	284408,0941	9114661,7470
118	284387,3986	9114634,4550
119	284387,1286	9114634,0990
120	284372,9535	9114615,4060
121	284369,6435	9114588,8910
122	284393,6239	9114549,9710
123	284446,2042	9114563,2800
124	284499,0451	9114559,0470
125	284503,2578	9114549,7900
126	284503,6059	9114549,0250
127	284510,4510	9114533,9850
128	284486,3415	9114477,3600
129	284423,7328	9114447,0120
130	284386,8844	9114410,9570
131	284400,6881	9114376,6410
132	284460,7370	9114322,9750
133	284457,6390	9114302,3210
134	284457,5901	9114301,9950
135	284454,4621	9114281,1420
136	284452,7177	9114281,9620
137	284454,3565	9114280,4370
138	284454,4516	9114281,0710
139	284454,6285	9114280,9880
140	284454,8171	9114280,8990
141	284455,2322	9114280,7040
142	284457,6221	9114278,5450
143	284463,7764	9114272,9850
144	284469,2795	9114267,4530
145	284481,2521	9114243,6640
146	284483,5671	9114239,1190
147	284483,7543	9114238,7520
148	284485,0079	9114236,2910
149	284485,2416	9114235,8320
150	284490,5242	9114225,4600
151	284491,8285	9114221,5080
152	284491,9870	9114221,2340
153	284495,4297	9114210,8020
154	284500,6728	9114198,3260
155	284504,2794	9114195,2710
156	284506,0609	9114193,7610
157	284507,0323	9114192,9380
158	284508,2219	9114192,2300
159	284508,3528	9114192,1530
160	284512,8560	9114189,4750
161	284512,8364	9114189,4050
162	284514,7036	9114188,2940
163	284514,7664	9114188,3380
164	284518,9861	9114191,3110
165	284505,2679	9114198,5390
166	284504,1440	9114203,0350
167	284504,1401	9114203,0500
168	284500,2527	9114218,6000
169	284503,2235	9114230,5360
170	284499,6278	9114253,5840
171	284529,4729	9114289,5680
172	284541,1146	9114306,2900
173	284552,1213	9114317,9310
174	284584,7120	9114316,7930
175	284607,3373	9114355,3300
176	284608,0472	9114356,5390
177	284620,5401	9114377,8170
178	284642,2489	9114400,2410
179	284680,9965	9114405,4070
180	284721,7926	9114383,8070
181	284761,9894	9114352,8560
182	284768,0570	9114338,4690
183	284768,3726	9114337,7200
184	284774,7600	9114322,5750
185	284774,8942	9114322,2560
186	284785,1569	9114297,9220
187	284792,4999	9114277,9700

188	284792,7170	9114277,3800
189	284818,4211	9114207,5370
190	284831,3370	9114208,0530
191	284863,3683	9114181,7050
192	284869,6060	9114147,4580
193	284876,0317	9114129,3490
194	284878,9525	9114095,7600
195	284869,6295	9114076,1850
196	284878,7189	9114055,8330
197	284880,4172	9114052,0300
198	284890,7499	9114043,2470
199	284902,8492	9114025,5410
200	284903,0867	9114025,1930
201	284911,9319	9114012,2490
202	284925,3644	9113978,1510
203	284954,2103	9113962,4940
204	284967,2117	9113951,2860
205	285032,9868	9113949,9250
206	285042,3423	9113940,0880
207	285042,7859	9113939,6220
208	285050,0883	9113931,9430
209	285036,9668	9113900,9330
210	285014,0216	9113873,3140
211	285026,2778	9113843,5700
212	284996,4237	9113813,0530
213	284973,9467	9113808,3620
214	284958,8632	9113826,0570
215	284939,7741	9113836,8550
216	284916,7827	9113818,9790
217	284914,3495	9113736,8270
218	284914,2907	9113734,8440
219	284913,3023	9113701,4740
220	284891,3079	9113699,0920
221	284882,7469	9113699,0940
222	284882,9074	9113698,6450
223	284884,7739	9113690,1120
224	284885,8888	9113673,7610
225	284885,9511	9113672,8470
226	284885,9762	9113672,4800
227	284886,2547	9113668,3930
228	284886,8650	9113659,4420
229	284886,6839	9113647,3050
230	284886,6153	9113642,7070
231	284886,5676	9113642,8930
232	284886,3491	9113628,2560
233	284885,7347	9113621,0580
234	284885,7338	9113621,0470
235	284884,7228	9113609,2030
236	284883,4205	9113603,2450
237	284883,1169	9113601,8560
238	284883,0984	9113601,7710
239	284879,0525	9113583,2570
240	284879,0268	9113582,9570
241	284877,1064	9113574,1690
242	284874,9786	9113570,6420
243	284874,9488	9113570,5920
244	284869,0863	9113560,8730
245	284868,2772	9113559,5310
246	284865,4889	9113548,8430
247	284865,7672	9113539,7980
248	284865,7066	9113540,0520
249	284865,9025	9113533,6890
250	284867,7610	9113517,8890
251	284869,8522	9113512,0800
252	284870,8686	9113509,2340
253	284880,3081	9113482,8040
254	284888,6727	9113460,7310
255	284890,9964	9113452,1340
256	284894,2493	9113436,3340
257	284894,8215	9113421,8340
258	284894,8634	9113422,1240
259	284894,9975	9113418,7270
260	284895,1241	9113404,0220
261	284895,1272	9113403,6700
262	284895,2296	9113391,7740

263	284896,2129	9113381,5480
264	284896,3914	9113379,6910
265	284902,2003	9113362,0330
266	284902,8283	9113361,1300
267	284909,6354	9113351,3450
268	284917,3031	9113341,5860
269	284932,3365	9113334,5630
270	284926,2730	9113328,0900
271	284917,8958	9113319,1470
272	284908,4922	9113308,9750
273	284908,4177	9113308,8940
274	284879,6274	9113277,7510
275	284868,1108	9113265,2930
276	284844,9706	9113240,3500
277	284844,9682	9113240,3470
278	284842,6316	9113237,8290
279	284840,1649	9113235,0780
280	284812,0153	9113260,4000
281	284865,5227	9113314,8760
282	284865,6338	9113314,9890
283	284883,0730	9113332,7440
284	284866,4428	9113347,0960
285	284864,2407	9113359,1600
286	284872,0778	9113364,8790
287	284865,5017	9113394,6780
288	284845,5043	9113390,3220
289	284839,0228	9113400,2340
290	284853,6381	9113415,6490
291	284854,2986	9113416,3460
292	284858,7057	9113420,9940
293	284857,6968	9113427,4010
294	284857,6585	9113427,6440
295	284856,6980	9113433,7430
296	284858,1795	9113439,2790
297	284854,8353	9113450,6160
298	284853,0930	9113456,6340
299	284851,6475	9113465,8130
300	284851,6135	9113466,0290
301	284848,4924	9113485,8480
302	284848,4796	9113485,9290
303	284847,2083	9113494,0020
304	284847,1887	9113494,1270
305	284844,6723	9113510,1060
306	284844,5944	9113510,6000
307	284841,4362	9113530,6540
308	284841,3874	9113530,9640
309	284840,5882	9113536,0390
310	284840,5754	9113536,1210
311	284839,0457	9113545,8340
312	284832,1927	9113547,9430
313	284832,0168	9113547,9980
314	284805,2502	9113556,2370
315	284778,7850	9113558,0990
316	284778,7280	9113558,1030
317	284769,1924	9113558,7740
318	284762,3546	9113559,2550
319	284741,8648	9113566,9700
320	284741,7154	9113567,0260
321	284713,9964	9113577,4620
322	284713,9738	9113577,4710
323	284713,5572	9113577,6270
324	284714,0784	9113580,2620
325	284714,1092	9113580,4180
326	284715,7549	9113588,7380
327	284715,7572	9113588,7490
328	284717,7399	9113598,7720
329	284717,8468	9113599,3130
330	284720,7381	9113613,9290
331	284699,5539	9113633,4380
332	284695,7767	9113639,3910
333	284695,7221	9113639,4770
334	284684,4864	9113657,1880
335	284676,2832	9113668,1890
336	284675,2215	9113670,8200
337	284678,1999	9113688,0220

338	284675,4755	9113692,7540
339	284673,1813	9113699,4930
340	284671,6051	9113712,7580
341	284671,5870	9113712,9100
342	284670,7561	9113719,9020
343	284670,3494	9113739,8980
344	284670,4242	9113744,2100
345	284670,4252	9113744,2630
346	284670,6965	9113759,8950
347	284670,7068	9113760,5400
348	284671,0091	9113779,4350
349	284671,0196	9113780,0920
350	284671,3364	9113799,8900
351	284672,4186	9113819,8030
352	284672,4217	9113819,8610
353	284672,5843	9113829,8590
354	284670,9417	9113839,7230
355	284668,4019	9113849,3960
356	284663,2230	9113857,9500
357	284653,8635	9113864,3360
358	284653,7763	9113864,3960
359	284651,6586	9113865,8410
360	284637,6928	9113873,6480
361	284637,5675	9113873,7170
362	284637,8314	9113874,8600
363	284637,8345	9113874,8690
364	284619,4364	9113880,2030
365	284600,5017	9113886,2570
366	284609,2923	9113923,4800
367	284595,0560	9113927,6480
368	284507,0660	9113941,2650
369	284507,0253	9113941,2710
370	284441,8879	9113951,3510
371	284437,9422	9113951,9610
372	284445,5109	9113971,2070
373	284460,4713	9114009,2470
374	284460,5030	9114009,3270
375	284486,9899	9114076,6760
376	284483,5074	9114080,1310
377	284478,4274	9114085,2110
378	284474,6174	9114086,9040
379	284476,5224	9114094,7360
380	284468,3493	9114096,3710

TABELA 30 – ZEIS 1 CURRAL TORRÕES

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287045,9021	9109134,6980
2	287041,3959	9109138,8240
3	287092,4636	9109231,6470
4	287121,7797	9109285,8660
5	287126,0753	9109283,8430
6	287169,0767	9109259,4450
7	287180,7893	9109253,7590
8	287185,1549	9109248,8640
9	287189,3882	9109242,6460
10	287191,9018	9109235,6350
11	287193,4893	9109228,8880
12	287194,0480	9109219,7190
13	287194,6280	9109194,2490
14	287196,3422	9109168,0910
15	287201,5024	9109146,7150
16	287207,9081	9109122,8490
17	287209,5899	9109116,0430
18	287209,6227	9109115,9100
19	287212,6081	9109103,8290
20	287213,3181	9109100,6790
21	287214,8681	9109095,2090
22	287215,5554	9109092,2060
23	287215,5864	9109092,0700
24	287216,7353	9109087,0510
25	287216,7373	9109087,0420
26	287219,1743	9109076,3940
27	287220,0681	9109072,4890
28	287222,6299	9109064,1900
29	287149,4480	9109106,4170

30	287118,1722	9109123,2450
31	287113,2964	9109125,3790
32	287105,8503	9109121,5620
33	287084,3584	9109089,2720
34	287080,0936	9109093,7160
35	287075,8751	9109099,1930
36	287073,6222	9109102,1180
37	287072,6525	9109103,1860
38	287072,6432	9109103,1960
39	287068,0222	9109108,2880
40	287063,4791	9109113,7120
41	287059,4630	9109118,5070
42	287057,7169	9109120,5920
43	287057,7107	9109120,5990
44	287055,6465	9109123,0630
45	287053,5682	9109125,5450
46	287053,5391	9109125,5800
47	287049,5352	9109130,3600
48	287045,9021	9109134,6980

54	288929,7772	9116373,8210
55	288934,8186	9116370,2860
56	288940,3183	9116367,2740
57	288945,6216	9116363,6080
58	288950,2047	9116359,8100
59	288971,2870	9116344,6200
60	288978,0962	9116344,4240
61	288981,5663	9116342,7870
62	288986,4113	9116339,3830
63	288992,1074	9116334,4070
64	288996,1667	9116329,5620
65	289002,5831	9116325,4370
66	289009,3268	9116320,9850
67	289016,1360	9116317,0560
68	289022,2904	9116312,2110
69	289029,3615	9116305,3370
70	289034,1561	9116299,1000
71	289043,2418	9116291,3910
72	289049,3962	9116286,8730
73	289057,5803	9116280,7840

TABELA 31 – ZEIS 1 DOIS UNIDOS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	288702,5442	9116521,0460
2	288707,9733	9116513,5100
3	288714,7923	9116510,3240
4	288717,2668	9116509,3910
5	288719,7400	9116508,5650
6	288721,7697	9116509,2190
7	288722,2899	9116510,5470
8	288725,5660	9116514,2070
9	288728,4783	9116517,7120
10	288737,1091	9116521,4700
11	288741,2151	9116520,6770
12	288743,9394	9116521,6340
13	288746,0601	9116522,3790
14	288749,1373	9116521,7250
15	288751,5598	9116519,3680
16	288755,8156	9116517,2730
17	288760,3987	9116514,3260
18	288763,9997	9116511,7070
19	288766,0948	9116507,3860
20	288767,9936	9116502,9990
21	288768,7792	9116499,3980
22	288772,1838	9116494,5530
23	288775,9158	9116488,5950
24	288777,4667	9116485,1450
25	288778,5347	9116482,7680
26	288783,7071	9116477,3990
27	288789,5341	9116474,5190
28	288795,2303	9116472,6850
29	288800,6645	9116471,8340
30	288805,3131	9116470,7210
31	288809,9617	9116467,5790
32	288816,1816	9116461,8170
33	288821,0266	9116457,4300
34	288827,5739	9116452,1270
35	288830,6511	9116448,7220
36	288833,3318	9116448,8710
37	288837,9186	9116443,3540
38	288845,5790	9116436,9370
39	288852,4536	9116430,4550
40	288859,1973	9116424,9560
41	288862,6019	9116422,1400
42	288870,1968	9116415,5930
43	288872,4884	9116413,5630
44	288879,9864	9116408,0130
45	288882,4402	9116404,9860
46	288887,0888	9116401,1240
47	288891,7374	9116396,7370
48	288895,9931	9116393,0700
49	288900,1179	9116389,6660
50	288904,7665	9116386,6540
51	288909,2187	9116385,4750
52	288913,9982	9116381,6780
53	288924,8822	9116375,6570

74	289067,5977	9116274,2370
75	289071,9680	9116272,5140
76	289076,5675	9116270,7010
77	289082,3291	9116268,0830
78	289093,9833	9116260,8800
79	289097,6298	9116257,9980
80	289100,8579	9116255,4460
81	289107,9945	9116250,9940
82	289118,0119	9116242,7440
83	289123,1187	9116236,6560
84	289124,5591	9116233,7090
85	289133,2670	9116227,8820
86	289142,4987	9116222,5130
87	289152,8435	9116217,9300
88	289163,3191	9116215,4420
89	289169,7203	9116214,1700
90	289174,1876	9116213,2820
91	289184,0740	9116210,3350
92	289190,8178	9116207,5200
93	289198,8055	9116202,3480
94	289216,0248	9116193,3780
95	289221,6555	9116189,8420
96	289229,5251	9116184,6960
97	289239,6606	9116178,5810
98	289242,6068	9116176,2890
99	289247,1900	9116173,4090
100	289253,0170	9116170,6590
101	289256,9454	9116168,8910
102	289260,2845	9116166,5990
103	289266,7784	9116162,9180
104	289274,9505	9116158,2840
105	289280,5157	9116153,5050
106	289285,6880	9116149,6420
107	289293,1520	9116145,9100
108	289301,1397	9116141,1960
109	289308,4726	9116136,6780
110	289310,6987	9116132,1610
111	289313,0210	9116128,8320
112	289314,6271	9116126,5300
113	289320,6506	9116122,5360
114	289325,8884	9116119,9170
115	289330,6679	9116119,5900
116	289337,6735	9116116,0540
117	289343,5006	9116113,1080
118	289353,1451	9116108,4130
119	289178,1823	9115905,9720
120	289157,8638	9115898,8090
121	289148,8515	9115887,2090
122	289143,5128	9115877,2770
123	289129,2349	9115865,1100
124	289112,4738	9115844,9960
125	289107,5076	9115839,6580
126	289100,9273	9115835,3120
127	289094,9678	9115830,8430
128	289080,8899	9115819,9170

129	289070,1366	9115815,4470
130	289065,2944	9115813,7710
131	289060,4524	9115812,0950
132	289054,0913	9115808,6540
133	289052,5064	9115810,6050
134	289037,7319	9115799,8040
135	289022,1743	9115792,5160
136	289026,4337	9115787,0160
137	289018,6118	9115782,0490
138	289013,6269	9115788,5300
139	289003,7812	9115784,2490
140	288994,1531	9115780,0630
141	288986,8279	9115775,9660
142	288987,7523	9115773,0770
143	288988,8144	9115769,7580
144	288984,0964	9115767,6470
145	288971,5779	9115761,8030
146	288955,7888	9115753,4930
147	288948,3395	9115750,0170
148	288950,1241	9115746,8490
149	288953,3057	9115741,2020
150	288947,9670	9115738,2220
151	288934,8065	9115731,3940
152	288931,5784	9115729,6550
153	288929,3436	9115732,8830
154	288921,2734	9115728,1660
155	288915,1898	9115724,6890
156	288895,0765	9115715,3770
157	288884,0266	9115712,2740
158	288871,9835	9115705,9420
159	288856,7123	9115698,9890
160	288845,7866	9115693,4020
161	288842,6645	9115700,8950
162	288835,8541	9115717,2400
163	288832,9985	9115728,4140
164	288825,6733	9115744,3060
165	288820,3346	9115751,3830
166	288812,1403	9115763,5500
167	288807,0499	9115769,1370
168	288798,7087	9115777,8410
169	288792,7719	9115784,0360
170	288785,3225	9115797,4450
171	288786,9428	9115798,4380
172	288796,1241	9115805,5150
173	288813,1923	9115827,2930
174	288826,1699	9115843,8790
175	288830,0449	9115842,9190
176	288839,7029	9115840,5270
177	288851,2494	9115839,7820
178	288862,6718	9115839,5340
179	288871,7352	9115840,5270
180	288881,2952	9115841,7680
181	288889,6236	9115843,8940
182	288893,2689	9115845,0560
183	288864,3528	9115882,8460
184	288845,9341	9115901,0110
185	288843,6266	9115897,3190
186	288838,8964	9115890,6270
187	288831,9740	9115896,2810
188	288836,9350	9115905,6260
189	288832,2048	9115908,3950
190	288826,5515	9115912,8940
191	288816,6295	9115921,2010
192	288815,2450	9115919,1240
193	288812,2453	9115914,6250
194	288807,8612	9115920,8550
195	288809,1303	9115925,0080
196	288804,7461	9115929,1620
197	288803,9385	9115931,4690
198	288794,5933	9115944,1600
199	288783,7483	9115959,5050
200	288776,1337	9115970,3500
201	288769,3267	9115982,1180
202	288760,4431	9115988,8090
203	288751,2133	9116000,3470

204	288745,5600	9116006,2310
205	288740,1375	9116022,6130
206	288737,5993	9116023,9980
207	288735,1765	9116030,9200
208	288731,9461	9116036,6890
209	288724,4468	9116050,5340
210	288721,4472	9116056,8790
211	288714,8709	9116052,2640
212	288702,6414	9116043,8420
213	288689,4890	9116073,4930
214	288698,8341	9116081,9150
215	288706,5641	9116089,7600
216	288707,5389	9116096,3050
217	288708,6408	9116103,3740
218	288707,4871	9116120,1030
219	288703,6798	9116144,5620
220	288696,4113	9116158,0610
221	288691,9118	9116168,7900
222	288687,0661	9116179,0590
223	288678,3749	9116181,2420
224	288667,4528	9116196,8260
225	288661,4534	9116206,4020
226	288654,4157	9116217,7080
227	288646,2243	9116228,5530
228	288643,6861	9116235,7070
229	288638,3789	9116243,3210
230	288632,7257	9116254,0510
231	288628,2262	9116261,3190
232	288624,0728	9116267,8950
233	288614,1507	9116266,9720
234	288609,6512	9116272,5100
235	288599,7292	9116281,9710
236	288594,9989	9116286,1240
237	288589,2303	9116291,5470
238	288580,6927	9116298,7000
239	288572,1551	9116306,4300
240	288570,5399	9116307,4680
241	288562,1402	9116295,3460
242	288548,5306	9116306,7830
243	288539,8706	9116316,6700
244	288531,9411	9116309,5100
245	288527,6159	9116315,8130
246	288522,9807	9116322,0370
247	288517,5510	9116330,7780
248	288525,1567	9116335,5410
249	288524,3155	9116337,3420
250	288513,8429	9116354,8810
251	288515,5642	9116356,0800
252	288518,2131	9116357,9270
253	288504,5879	9116379,5820
254	288491,1496	9116402,4260
255	288477,9320	9116395,2580
256	288472,6890	9116405,4200
257	288468,1534	9116414,2110
258	288479,2358	9116420,0720
259	288481,9265	9116421,4940
260	288474,0790	9116432,7750
261	288464,9750	9116445,8620
262	288468,1537	9116447,3720
263	288476,8940	9116452,6160
264	288478,9587	9116456,7520
265	288509,7861	9116513,8020
266	288496,7590	9116507,8410
267	288483,5157	9116504,7950
268	288475,0399	9116505,3250
269	288468,7346	9116510,3220
270	288443,4516	9116560,8450
271	288445,0802	9116573,7090
272	288491,5279	9116600,9410
273	288511,9688	9116611,3930
274	288546,7285	9116619,8690
275	288574,4587	9116622,6630
276	288666,6251	9116631,9500
277	288674,5425	9116630,9460
278	288712,6091	9116626,1160

279	288733,4951	9116623,4660
280	288734,6065	9116623,3250
281	288735,0995	9116623,2700
282	288731,5026	9116604,6860
283	288730,9141	9116603,5780
284	288725,6346	9116599,6180
285	288723,5483	9116597,7380
286	288720,1993	9116594,7250
287	288717,8814	9116589,5600
288	288716,5410	9116588,3180
289	288712,9605	9116586,0160
290	288707,7175	9116573,2280
291	288705,7994	9116559,2900
292	288707,4618	9116550,7220
293	288707,9733	9116542,0260
294	288703,6255	9116535,7600
295	288702,2188	9116529,1110
296	288702,5442	9116521,0460

55	291229,9039	9105420,7170
56	291281,6225	9105414,8040
57	291289,3742	9105413,9180
58	291315,6013	9105411,4140
59	291334,6414	9105409,5950
60	291361,4161	9105408,0370
61	291384,5067	9105405,6630
62	291390,1740	9105405,1060
63	291428,4482	9105400,4100
64	291454,0681	9105397,0530
65	291495,7988	9105391,0160
66	291505,9625	9105389,5010
67	291512,3203	9105388,4810
68	291515,3298	9105387,7050
69	291522,7671	9105388,1080
70	291527,9580	9105390,6550
71	291530,9523	9105393,4200
72	291531,9239	9105394,3170
73	291543,6687	9105421,6580
74	291544,7600	9105424,1990
75	291559,9610	9105462,6620
76	291572,0886	9105493,9300
77	291581,2024	9105486,3780
78	291588,5024	9105478,9880
79	291599,2124	9105467,8880
80	291608,0742	9105458,6750
81	291616,3920	9105450,0250
82	291624,0224	9105442,0880
83	291625,2324	9105441,2980
84	291631,4714	9105434,3260
85	291639,2190	9105425,5020
86	291647,2237	9105417,2450
87	291667,4764	9105452,0540
88	291682,6789	9105436,5820
89	291713,9924	9105409,3820
90	291715,0424	9105410,2410
91	291715,2903	9105409,9910
92	291736,3233	9105430,5470
93	291737,7970	9105431,9580
94	291760,8024	9105453,9780
95	291761,2624	9105454,5280
96	291766,4780	9105459,6790
97	291828,2747	9105392,1620
98	291833,2829	9105396,6170
99	291835,2192	9105398,3390
100	291843,5956	9105405,5800
101	291859,1143	9105421,6770
102	291875,4624	9105436,8680
103	291878,8049	9105440,4310
104	291879,0924	9105440,7380
105	291882,4024	9105443,8580
106	291883,2014	9105444,8720
107	291883,9470	9105445,8190
108	291886,0024	9105448,4280
109	291881,2986	9105454,4450
110	291880,4829	9105455,1220
111	291884,5124	9105459,2580
112	291908,5424	9105483,0780
113	291909,1486	9105482,4440
114	291916,3624	9105474,8280
115	291916,7980	9105474,3650
116	291923,6424	9105467,0880
117	291925,0378	9105465,6360
118	291927,1224	9105463,4680
119	291933,3541	9105456,9830
120	291936,2424	9105453,9780
121	291941,6702	9105448,3300
122	291945,5424	9105444,5580
123	291950,6792	9105438,9550
124	291954,4555	9105435,0260
125	291963,3224	9105425,7980
126	291971,5124	9105433,4280
127	291979,0828	9105441,2770
128	291981,2924	9105443,5680
129	291986,3207	9105448,4250

TABELA 32 – ZEIS 1 ENCANTA MOÇA / PINA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291803,2906	9104669,9060
2	291799,2624	9104675,5280
3	291791,2002	9104686,0850
4	291784,7141	9104694,5090
5	291778,0776	9104703,1740
6	291768,3093	9104695,8530
7	291765,8324	9104693,9880
8	291750,7324	9104713,7880
9	291747,8359	9104717,3460
10	291765,8324	9104693,9880
11	291778,0776	9104703,1740
12	291803,2906	9104669,9060
13	291765,0600	9104640,5220
14	291764,6361	9104641,0790
15	291758,9851	9104648,4980
16	291733,1504	9104683,9190
17	291722,1266	9104698,3920
18	291711,9511	9104711,7530
19	291703,2562	9104724,2340
20	291721,7324	9104738,7480
21	291710,5624	9104730,0680
22	291703,2562	9104724,2340
23	291694,1820	9104737,2610
24	291694,1524	9104737,3030
25	291680,3001	9104757,1880
26	291648,4189	9104797,5510
27	291626,1036	9104827,9190
28	291622,1354	9104833,5830
29	291608,7889	9104852,6310
30	291591,7489	9104872,8490
31	291558,9871	9104919,7940
32	291513,9137	9104980,4750
33	291493,3396	9105008,0330
34	291532,6124	9105041,5780
35	291538,1624	9105044,5480
36	291544,1924	9105050,4180
37	291590,9124	9105070,1280
38	291619,4067	9105082,6390
39	291616,4561	9105090,4960
40	291515,8659	9105313,7220
41	290987,4532	9105277,3650
42	290994,3783	9105331,8280
43	291002,0589	9105406,4040
44	291002,1207	9105407,0030
45	291002,2804	9105408,5590
46	291020,3349	9105410,3390
47	291046,4059	9105417,0250
48	291074,3384	9105426,2290
49	291099,5156	9105431,1560
50	291102,6754	9105431,1560
51	291133,7399	9105428,1790
52	291142,6157	9105427,1980
53	291156,6333	9105426,1140
54	291192,0203	9105423,0220

130	291988,7945	9105450,8150
131	291949,9288	9105489,8540
132	291951,2302	9105491,9010
133	291970,8755	9105522,7970
134	291980,2339	9105519,8810
135	292006,4071	9105511,4450
136	292036,6784	9105503,6790
137	292068,2674	9105497,4600
138	292083,7643	9105496,1920
139	292089,0234	9105496,7900
140	292094,0588	9105497,3620
141	292098,3750	9105498,1160
142	292108,1386	9105504,8380
143	292113,9241	9105508,8210
144	292132,1519	9105524,6330
145	292132,4815	9105525,0390
146	292137,0074	9105528,7950
147	292170,4648	9105493,7710
148	292171,2088	9105492,9920
149	292146,7038	9105470,7710
150	292117,3275	9105442,7540
151	292114,4105	9105439,9720
152	292136,8676	9105409,7950
153	292165,8657	9105370,0640
154	292185,1506	9105342,3710
155	292195,9283	9105325,3580
156	292202,0312	9105328,7080
157	292213,2028	9105334,8860
158	292226,2359	9105346,6650
159	292227,9722	9105348,2500
160	292228,4501	9105349,0780
161	292228,6655	9105350,3810
162	292228,9349	9105351,3860
163	292229,3749	9105352,3300
164	292229,9404	9105353,1450
165	292268,7934	9105391,9770
166	292271,9726	9105389,0170
167	292285,1726	9105375,5920
168	292296,5847	9105364,4480
169	292263,5790	9105332,0400
170	292257,5224	9105326,8370
171	292255,2691	9105323,7260
172	292254,2236	9105322,2820
173	292252,2127	9105317,9700
174	292250,9813	9105313,3750
175	292250,6124	9105310,2160
176	292250,6374	9105306,6700
177	292249,7488	9105285,6800
178	292245,7737	9105236,4570
179	292243,3730	9105207,2540
180	292243,1591	9105204,0930
181	292243,2864	9105201,6520
182	292244,7436	9105195,6170
183	292246,6736	9105191,7410
184	292249,2831	9105188,2860
185	292255,1511	9105183,3030
186	292264,2221	9105175,6500
187	292275,1963	9105166,3910
188	292280,9269	9105161,5560
189	292306,4986	9105137,6800
190	292298,9099	9105127,2560
191	292291,8656	9105100,6540
192	292275,8758	9105040,2710
193	292266,9875	9105024,0050
194	292264,6620	9105015,2990
195	292256,7913	9104985,8350
196	292237,1904	9104916,2720
197	292222,8546	9104862,1170
198	292211,3945	9104821,9390
199	292203,7115	9104794,7380
200	292200,8795	9104782,0690
201	292198,8487	9104769,2460
202	292185,6639	9104697,0700
203	292182,9061	9104682,4440
204	292175,5225	9104643,3660

205	292166,6992	9104591,9930
206	292153,7925	9104514,7520
207	292144,5189	9104466,1560
208	292143,8874	9104462,1030
209	292135,3900	9104407,5670
210	292134,7348	9104404,2060
211	292132,9424	9104395,8730
212	292123,0033	9104343,7520
213	292122,1753	9104341,0910
214	292116,6038	9104342,5760
215	292106,0824	9104345,3380
216	292098,5424	9104349,1780
217	292089,8324	9104353,3780
218	292080,0824	9104358,0880
219	292070,4524	9104362,7480
220	292062,2824	9104366,6980
221	292051,3824	9104370,8980
222	292045,7824	9104373,8580
223	292025,3624	9104382,5280
224	292021,9225	9104384,3480
225	292012,7224	9104388,1780
226	291997,3824	9104395,3080
227	291992,2024	9104397,5880
228	291984,0524	9104401,0980
229	291980,3339	9104402,5670
230	291974,8924	9104404,7180
231	291960,6125	9104409,5480
232	291952,3224	9104413,5580
233	291949,2724	9104414,8680
234	291942,6034	9104417,7310
235	291941,0024	9104418,4180
236	291938,4224	9104419,5480
237	291933,7424	9104421,5380
238	291928,8424	9104423,6280
239	291923,7424	9104425,7980
240	291919,1124	9104427,8180
241	291913,8391	9104430,1110
242	291913,8224	9104430,1180
243	291913,5136	9104429,4080
244	291911,8424	9104425,5680
245	291907,8224	9104426,0080
246	291902,1324	9104426,6280
247	291895,2524	9104427,3780
248	291892,3824	9104427,6880
249	291887,2524	9104428,2980
250	291886,7224	9104423,7980
251	291880,8824	9104424,4880
252	291881,3024	9104428,9980
253	291882,1007	9104435,3200
254	291883,0424	9104442,7780
255	291882,0276	9104442,9070
256	291879,3661	9104444,2990
257	291904,3086	9104489,2160
258	291904,6122	9104492,7830
259	291904,7277	9104494,1400
260	291904,3086	9104499,0630
261	291906,2857	9104515,6550
262	291902,2133	9104548,9340
263	291890,4324	9104619,9380
264	291882,2024	9104643,6780
265	291882,2229	9104643,8050
266	291836,1424	9104687,8380
267	291832,3824	9104691,6020
268	291806,3027	9104672,1530
269	291803,2906	9104669,9060
TABELA 33 – ZEIS 1 ENTRA A PULSO		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289651,0000	9101896,0000
2	290432,0000	9101808,0000
3	290430,0000	9101780,0000
4	290394,5800	9101783,8500
5	290393,1800	9101770,0200
6	290363,5700	9101769,2200
7	290367,0000	9101703,0000

8	290399,3800	9101697,5900
9	290391,4100	9101643,8800
10	290378,1700	9101645,6100
11	290385,2400	9101696,3300
12	290319,7500	9101706,1900
13	290319,7500	9101701,9900
14	290294,1400	9101706,3900
15	290284,0000	9101658,0000
16	290257,6500	9101662,0000
17	290261,8600	9101685,5900
18	290138,2500	9101684,7000
19	290093,3400	9101682,8000
20	290091,9700	9101712,0000
21	290071,0000	9101710,5500
22	290067,0000	9101806,4200
23	290035,9100	9101804,7700
24	290033,9800	9101837,5700
25	289924,4400	9101843,7800
26	289928,7200	9101715,1800
27	289853,6400	9101712,1500
28	289850,2200	9101824,8500
29	289813,0000	9101818,4200
30	289817,1400	9101745,8500
31	289782,0000	9101744,0000
32	289781,0000	9101782,0000
33	289681,0000	9101773,0000
34	289683,0000	9101709,0000
35	289663,0000	9101708,0000
36	289662,0000	9101723,0000
37	289665,0000	9101724,0000
38	289664,0000	9101732,0000
39	289667,0000	9101733,0000
40	289668,0000	9101736,0000
41	289669,0000	9101748,0000
42	289622,0000	9101752,0000
43	289620,0000	9101767,0000
44	289595,0000	9101765,0000
45	289607,0000	9101832,0000
46	289651,0000	9101896,0000

TABELA 34 – ZEIS 1 FEIRA VELHA DO CORDEIRO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	288418,6546	9109717,3500
2	288418,6857	9109717,3850
3	288418,8968	9109717,6960
4	288424,6862	9109726,2250
5	288424,7339	9109726,2430
6	288431,9345	9109734,5060
7	288449,7145	9109743,3170
8	288460,9064	9109754,2700
9	288469,1614	9109765,9390
10	288475,0352	9109777,8450
11	288480,0546	9109776,0440
12	288493,6796	9109771,4250
13	288493,7107	9109771,4140
14	288494,1607	9109771,2620
15	288494,3067	9109771,2120
16	288494,3240	9109771,2580
17	288498,1674	9109769,9550
18	288508,2019	9109765,5520
19	288508,2380	9109765,5360
20	288578,1846	9109734,8480
21	288578,1621	9109734,8070
22	288578,1770	9109734,7830
23	288578,1846	9109734,7970
24	288578,1886	9109734,7950
25	288585,4526	9109731,6080
26	288591,3497	9109729,3890
27	288601,1964	9109725,6840
28	288608,0448	9109722,2560
29	288594,4981	9109685,6370
30	288577,9881	9109640,5520
31	288576,4006	9109635,8960
32	288570,9324	9109637,3080
33	288569,7424	9109639,5080

34	288551,9634	9109648,8640
35	288536,6519	9109656,9210
36	288535,6324	9109657,4580
37	288523,5851	9109663,8630
38	288520,4924	9109665,5080
39	288510,1524	9109671,0850
40	288510,0693	9109671,1220
41	288508,7324	9109668,5180
42	288494,9024	9109675,9780
43	288480,6292	9109683,2070
44	288480,3124	9109683,9980
45	288467,8682	9109690,7680
46	288467,8575	9109690,7710
47	288467,8324	9109690,6590
48	288467,5300	9109690,8330
49	288465,7943	9109691,8290
50	288464,1807	9109692,7560
51	288462,2829	9109693,8450
52	288461,9604	9109694,0300
53	288461,8656	9109694,0850
54	288461,4174	9109694,3420
55	288460,9523	9109694,6090
56	288460,0906	9109695,0750
57	288460,0876	9109695,0770
58	288456,8786	9109696,8120
59	288455,6153	9109697,4940
60	288453,2160	9109698,7890
61	288445,1521	9109703,1490
62	288444,8413	9109703,3100
63	288435,3675	9109708,2200
64	288435,3400	9109708,2340
65	288435,4424	9109708,3720
66	288424,1524	9109714,4080
67	288418,7144	9109717,3180
68	288418,6857	9109717,3330
69	288418,6546	9109717,3500

TABELA 35 – ZEIS 1 FUNDÃO DE FORA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291805,0994	9113658,4240
2	291816,3929	9113654,4340
3	291817,1408	9113655,4060
4	291832,5197	9113650,0750
5	291833,8972	9113653,5570
6	291843,0466	9113650,8130
7	291843,7371	9113653,9530
8	291852,3507	9113650,8970
9	291853,8790	9113650,4800
10	291853,3232	9113648,6740
11	291868,5584	9113644,1590
12	291868,8833	9113643,8110
13	291863,6279	9113624,6020
14	291880,1967	9113618,7550
15	291886,8799	9113636,0200
16	291900,2463	9113631,4250
17	291910,0157	9113629,2000
18	291927,0089	9113625,7070
19	291935,2957	9113623,9500
20	291936,1992	9113627,5630
21	291946,8068	9113625,0940
22	291946,4152	9113622,5880
23	291972,4373	9113617,7250
24	291974,2339	9113625,7510
25	291980,0679	9113625,4730
26	291980,3083	9113623,4900
27	291988,7228	9113622,7080
28	291996,7173	9113624,4430
29	291998,4094	9113613,0270
30	292015,7814	9113609,9740
31	292013,7285	9113600,6190
32	292027,8467	9113595,3660
33	292035,5069	9113590,4920
34	292037,8281	9113589,2540
35	292037,9055	9113588,3250
36	292054,2317	9113578,7310

37	292062,7430	9113573,2370
38	292073,2183	9113566,7680
39	292076,9027	9113564,4940
40	292079,8774	9113564,2220
41	292088,7889	9113559,9460
42	292088,9847	9113558,1830
43	292094,8819	9113552,9950
44	292105,9722	9113547,3230
45	292110,1561	9113544,2000
46	292113,5813	9113544,3850
47	292136,8427	9113528,4780
48	292133,8061	9113524,2900
49	292144,9809	9113516,3820
50	292157,4695	9113507,6870
51	292167,3375	9113502,6570
52	292175,6749	9113497,3320
53	292183,9453	9113492,0570
54	292182,0436	9113489,3180
55	292187,9356	9113485,6860
56	292190,0705	9113488,9050
57	292196,9672	9113484,2550
58	292204,5339	9113479,9590
59	292203,3245	9113477,7670
60	292208,1155	9113475,0590
61	292214,3646	9113484,8490
62	292239,9859	9113469,3310
63	292257,0260	9113457,8780
64	292229,5072	9113426,6130
65	292358,5205	9113392,4510
66	292354,6228	9113384,4030
67	292346,2030	9113367,0190
68	292281,2808	9113227,5980
69	292262,6332	9113188,4410
70	292215,5034	9113093,3640
71	292144,0807	9112992,4750
72	292131,5863	9112969,2870
73	292119,3413	9112939,4430
74	292082,2465	9112854,1900
75	291990,8331	9112888,2690
76	291904,0635	9112923,3130
77	291907,2136	9112931,7890
78	291912,3869	9112945,6350
79	291905,5390	9112948,5870
80	291910,0232	9112960,4290
81	291924,4188	9113000,0390
82	291933,7541	9113028,0450
83	291936,2360	9113034,7450
84	291938,2908	9113039,3870
85	291941,7764	9113047,3740
86	291928,8848	9113052,7290
87	291941,2916	9113087,5490
88	291942,3770	9113091,9830
89	291936,9527	9113093,7620
90	291940,1891	9113105,1980
91	291947,7871	9113102,9190
92	291950,1724	9113112,0840
93	291954,0471	9113124,4930
94	291960,0211	9113122,2700
95	291960,6493	9113124,6820
96	291965,4252	9113138,5210
97	291962,8202	9113139,1720
98	291968,0857	9113155,5000
99	291968,6953	9113168,9900
100	291994,6357	9113252,5600
101	292009,0457	9113317,7600
102	292016,1242	9113345,4640
103	292008,6305	9113345,4250
104	291997,1239	9113345,8180
105	291989,7295	9113346,2740
106	291976,7443	9113347,8820
107	291955,6597	9113352,3540
108	291940,9696	9113356,8580
109	291877,0560	9113378,9560
110	291861,9264	9113385,9740
111	291847,3862	9113394,7770

112	291834,4287	9113403,5810
113	291815,1431	9113421,9600
114	291768,6197	9113469,3180
115	291705,8755	9113537,0240
116	291711,5057	9113542,5200
117	291718,2857	9113549,5300
118	291713,8553	9113553,9510
119	291710,0757	9113557,9300
120	291716,2357	9113564,1500
121	291716,8057	9113563,7200
122	291719,1280	9113566,1610
123	291716,6167	9113568,6500
124	291720,2288	9113573,2350
125	291729,9539	9113584,7660
126	291736,8314	9113579,1090
127	291738,5675	9113577,6810
128	291740,7657	9113582,0600
129	291753,6810	9113595,7580
130	291761,0257	9113604,3300
131	291777,4764	9113624,4390
132	291770,2434	9113628,5290
133	291773,0220	9113634,6420
134	291775,5228	9113633,3920
135	291780,3853	9113642,5610
136	291786,0814	9113653,1200
137	291798,3991	9113647,9770
138	291800,3911	9113647,1460
139	291805,0994	9113658,4240

TABELA 36 – ZEIS 1 GREVE GERAL

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286264,3703	9103100,8290
2	286264,2751	9103098,8280
3	286181,8353	9103101,3140
4	286181,8845	9103121,5290
5	286182,1901	9103154,5840
6	286182,1969	9103155,3220
7	286182,2441	9103160,4330
8	286151,0577	9103162,0560
9	286115,2618	9103163,9180
10	286051,4617	9103166,5080
11	286024,5561	9103168,0530
12	286027,2130	9103209,0490
13	286267,0353	9103201,5580
14	286267,0303	9103201,3690
15	286266,8505	9103194,5720
16	286264,3703	9103100,8290

TABELA 37 – ZEIS 1 IBURA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286173,1213	9102351,5680
2	286305,7864	9102261,8510
3	286295,6655	9102246,8530
4	286307,7572	9102238,9460
5	286379,2697	9102350,5350
6	286683,6969	9102152,5020
7	286805,0623	9102326,9790
8	286899,4170	9102247,7350
9	286969,0000	9102045,0000
10	286954,0000	9101991,0000
11	286987,0000	9101970,0000
12	286907,0000	9101859,0000
13	287024,0000	9101790,0000
14	287114,0000	9101267,0000
15	287030,0000	9101249,0000
16	287078,0000	9101105,0000
17	286993,0000	9101046,0000
18	287018,0000	9100911,0000
19	286864,4573	9100883,1190
20	286830,2463	9100873,9180
21	286828,5000	9100873,1620
22	286825,7173	9100871,5900
23	286785,8760	9100844,2050
24	286781,9713	9100840,8040
25	286768,8306	9100827,1630

26	286763,5151	9100820,8300
27	286758,8142	9100814,4910
28	286754,7040	9100808,3440
29	286749,1123	9100798,0050
30	286741,3917	9100780,9970
31	286719,1616	9100783,1400
32	286639,7095	9100769,2800
33	286628,0611	9100833,5950
34	286484,1463	9100799,7040
35	286384,6740	9100784,1650
36	286384,3616	9100784,1160
37	286344,8226	9100979,4730
38	286391,6336	9100989,0930
39	286382,3587	9101031,6100
40	285845,9429	9101390,5220
41	285830,4880	9101412,2930
42	285846,2677	9101497,3730
43	285915,6883	9101764,9060
44	285920,1675	9101784,9130
45	285928,5131	9101833,7010
46	285930,8575	9101861,7490
47	285931,7490	9101896,9530
48	285931,2846	9101910,7750
49	285929,6731	9101932,1780
50	285929,1461	9101937,4180
51	285927,9005	9101946,7440
52	285925,6902	9101960,3110
53	285922,9596	9101974,2570
54	285907,3422	9102030,2380
55	285907,1247	9102035,9410
56	285888,9763	9102104,2440
57	285861,1694	9102208,2200
58	285901,3553	9102259,3970
59	286023,8265	9102165,0190
60	286146,2488	9102343,8640
61	286159,9256	9102335,3250
62	286173,1213	9102351,5680

TABELA 38 – ZEIS 1 ILHA DE DEUS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290590,3237	9105430,7950
2	290590,3271	9105430,6020
3	290588,9707	9105430,7300
4	290580,5624	9105431,5250
5	290493,6861	9105439,7320
6	290373,3327	9105451,1020
7	290345,3282	9105453,7480
8	290261,5403	9105461,6630
9	290260,3622	9105461,7750
10	290260,6415	9105463,8250
11	290287,1643	9105658,5170
12	290304,6808	9105787,0970
13	290304,9517	9105789,0860
14	290356,1822	9105769,5950
15	290488,0583	9105719,4220
16	290585,8682	9105682,2090
17	290588,5261	9105532,2320
18	290589,5323	9105475,4530
19	290590,3158	9105431,2430
20	290590,3237	9105430,7950

TABELA 39 – ZEIS 1 ILHA DE JOANEIRO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292552,3546	9111329,0790
2	292562,9720	9111296,9880
3	292567,4850	9111298,5450
4	292567,7112	9111298,6230
5	292577,2220	9111301,7470
6	292577,4496	9111301,0390
7	292578,7329	9111297,0420
8	292578,9470	9111297,1020
9	292586,3119	9111299,1380
10	292594,0326	9111302,1770
11	292601,2318	9111304,8180
12	292609,8440	9111271,5200

13	292613,1461	9111272,0410
14	292617,8980	9111273,4400
15	292681,1875	9111290,4580
16	292681,5204	9111289,5810
17	292683,3919	9111284,6480
18	292693,5241	9111260,5980
19	292695,7668	9111255,2750
20	292696,4101	9111213,4750
21	292692,9458	9111212,6260
22	292692,9541	9111210,6770
23	292693,3119	9111207,0970
24	292694,2826	9111202,4970
25	292695,1824	9111198,3920
26	292696,1322	9111194,0580
27	292698,1362	9111184,9140
28	292695,1390	9111184,3100
29	292704,2783	9111157,2960
30	292705,4312	9111152,6440
31	292743,1403	9111164,0590
32	292743,7666	9111162,1090
33	292802,6976	9111001,8650
34	292760,4980	9110984,9630
35	292773,9022	9110961,5700
36	292834,8872	9110852,0060
37	292653,6820	9110765,2910
38	292650,2711	9110763,8480
39	292646,7011	9110762,2090
40	292646,5404	9110762,6110
41	292637,7288	9110758,1900
42	292615,6760	9110748,3730
43	292598,4738	9110781,1870
44	292607,8623	9110785,7190
45	292592,3876	9110814,1790
46	292608,5336	9110821,7040
47	292598,4370	9110838,2480
48	292585,9908	9110858,6430
49	292563,7907	9110887,5990
50	292555,1579	9110901,2830
51	292515,2909	9110957,0800
52	292514,9027	9110957,7440
53	292514,8529	9110957,7180
54	292508,2017	9110969,1000
55	292494,0311	9110989,7020
56	292488,1073	9110998,2200
57	292478,7721	9110111,7800
58	292471,3994	9111024,4770
59	292458,7428	9111044,3400
60	292438,5416	9111075,5700
61	292435,8362	9111073,3130
62	292433,5002	9111071,3630
63	292431,2400	9111069,4770
64	292428,9074	9111067,5300
65	292423,0277	9111062,6230
66	292420,5226	9111060,5320
67	292415,2722	9111056,1510
68	292403,9182	9111044,1050
69	292403,2090	9111049,9250
70	292402,5367	9111055,4420
71	292396,6458	9111103,7840
72	292433,6635	9111126,8540
73	292429,3088	9111130,7020
74	292412,7923	9111146,0680
75	292432,5041	9111163,7990
76	292430,2220	9111166,2280
77	292424,9115	9111173,1280
78	292419,1842	9111180,5680
79	292418,7920	9111181,0780
80	292418,3337	9111181,6730
81	292426,8626	9111189,3270
82	292438,8714	9111199,7460
83	292461,1930	9111220,9680
84	292526,9273	9111297,3640
85	292520,1463	9111301,1930
86	292508,1950	9111314,4110
87	292514,2699	9111318,4480

88	292517,8361	9111320,3810
89	292521,1583	9111321,9250
90	292527,2906	9111324,0860
91	292530,9183	9111324,8810
92	292535,6104	9111325,8000
93	292552,3546	9111329,0790
TABELA 40 – ZEIS 1 ILHA DO DESTINO		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291145,5320	9103325,1900
2	291149,8127	9103316,8940
3	291153,7683	9103311,2650
4	291157,5338	9103306,8530
5	291160,8428	9103302,2880
6	291162,2501	9103299,5880
7	291164,3800	9103296,3930
8	291166,5099	9103293,9210
9	291170,5416	9103290,7640
10	291173,4323	9103289,7370
11	291176,6272	9103289,6230
12	291181,0772	9103288,9380
13	291187,5431	9103286,8460
14	291195,6064	9103284,8310
15	291199,2958	9103284,4120
16	291203,5602	9103284,3590
17	291206,6365	9103283,8040
18	291209,8314	9103282,5480
19	291215,8394	9103279,3260
20	291222,3828	9103275,8160
21	291223,2523	9103276,2880
22	291225,5397	9103277,5280
23	291230,7124	9103280,7990
24	291234,1355	9103286,3520
25	291236,7451	9103292,1230
26	291237,1508	9103294,4890
27	291237,9622	9103296,9230
28	291239,2470	9103298,2760
29	291242,0193	9103299,8990
30	291242,9477	9103299,5160
31	291278,4609	9103272,2320
32	291326,8881	9103250,5840
33	291323,4087	9103244,1780
34	291303,0263	9103208,3980
35	291296,0517	9103211,6870
36	291286,5890	9103216,2330
37	291282,7250	9103209,8670
38	291279,6783	9103206,1420
39	291275,4624	9103200,9880
40	291274,6092	9103199,3530
41	291268,9424	9103188,4980
42	291250,9224	9103157,4980
43	291244,0924	9103144,6580
44	291236,3924	9103131,9180
45	291229,8624	9103121,3480
46	291251,1224	9103107,8680
47	291244,5524	9103096,3880
48	291237,9824	9103084,9080
49	291231,1324	9103073,9180
50	291224,2824	9103062,9280
51	291217,7101	9103052,3100
52	291217,5767	9103052,0950
53	291212,3796	9103055,5930
54	291195,5224	9103066,9380
55	291185,0910	9103050,3140
56	291179,9476	9103042,3210
57	291170,6201	9103051,5110
58	291150,7824	9103071,0570
59	291115,6737	9103105,5180
60	291076,7823	9103144,3890
61	291068,4111	9103150,9630
62	291065,5060	9103153,7690
63	291038,9920	9103179,3750
64	291017,3447	9103200,2800
65	291000,2492	9103216,5400

66	290997,1211	9103219,5040
67	290989,1667	9103227,0400
68	290980,5026	9103234,8980
69	290965,1458	9103247,9950
70	290962,5760	9103250,1870
71	290938,5734	9103270,8580
72	290935,8125	9103273,0120
73	290931,7891	9103276,4440
74	290930,1350	9103277,4200
75	290929,2528	9103277,6570
76	290927,8308	9103276,3460
77	290916,9724	9103264,9320
78	290900,4843	9103247,6010
79	290854,6346	9103194,7960
80	290853,5615	9103193,5610
81	290845,1697	9103183,8960
82	290812,8893	9103216,3850
83	290806,9836	9103224,0280
84	290803,5096	9103227,1550
85	290771,5493	9103249,3880
86	290730,9041	9103271,9680
87	290730,9041	9103284,4750
88	290730,5567	9103295,5910
89	290730,2054	9103302,7510
90	290730,8365	9103310,7750
91	290733,4625	9103326,3330
92	290736,6065	9103335,4780
93	290740,3029	9103340,1660
94	290746,0729	9103342,4200
95	290754,4574	9103345,2150
96	290758,9652	9103347,3780
97	290762,7518	9103348,0100
98	290769,0627	9103346,7470
99	290774,1932	9103345,6680
100	290782,2058	9103342,0680
101	290792,4498	9103336,6410
102	290799,4989	9103332,2290
103	290804,2152	9103329,5420
104	290835,4543	9103317,8270
105	290843,5177	9103312,9080
106	290846,1547	9103311,8940
107	290850,6175	9103310,9300
108	290855,0295	9103311,0820
109	290861,6729	9103311,1330
110	290873,7425	9103311,4880
111	290881,6030	9103313,6180
112	290892,3493	9103317,8410
113	290906,6126	9103318,9120
114	290910,5093	9103317,7280
115	290924,4554	9103314,1250
116	290933,6344	9103312,3500
117	290941,6470	9103313,6180
118	290956,7087	9103316,3560
119	290966,3949	9103318,6890
120	290976,8615	9103318,4670
121	290988,1310	9103318,2860
122	291004,4493	9103318,5570
123	291012,9239	9103319,9990
124	291021,8494	9103323,1550
125	291033,3894	9103329,1950
126	291040,8724	9103335,2360
127	291044,6589	9103339,1120
128	291047,0931	9103344,7020
129	291049,5498	9103350,0910
130	291055,4777	9103357,0530
131	291063,6819	9103363,3640
132	291073,9784	9103368,2720
133	291080,9017	9103370,3060
134	291087,8437	9103371,6590
135	291090,9834	9103373,5040
136	291093,9398	9103373,6410
137	291099,9893	9103372,1200
138	291106,9477	9103370,4080
139	291109,4199	9103368,7730
140	291116,6465	9103360,0250

141	291130,3172	9103344,1930
142	291135,7019	9103339,3720
143	291140,0378	9103335,1120
144	291142,4340	9103331,1950
145	291145,5320	9103325,1900

TABELA 41 – ZEIS 1 JARDIM SÃO PAULO I		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286219,8243	9106720,4510
2	286227,4383	9106701,6620
3	286230,6313	9106694,7850
4	286233,5530	9106696,1480
5	286257,2128	9106707,1870
6	286269,8904	9106714,2580
7	286281,9645	9106718,2410
8	286295,4275	9106724,6990
9	286298,4294	9106728,4050
10	286301,4875	9106723,3800
11	286309,6021	9106711,8350
12	286353,0748	9106619,3640
13	286354,7173	9106615,8710
14	286358,8416	9106606,1180
15	286350,4908	9106600,4690
16	286340,9118	9106589,9080
17	286337,7188	9106586,8380
18	286328,1399	9106593,2240
19	286318,4382	9106599,7320
20	286316,5019	9106598,8290
21	286314,0560	9106599,6710
22	286312,9189	9106600,0620
23	286309,5961	9106601,2060
24	286306,7873	9106599,5820
25	286292,6065	9106606,2020
26	286285,1575	9106609,6800
27	286270,9119	9106616,9250
28	286264,8944	9106619,3810
29	286239,3506	9106675,1360
30	286234,3745	9106672,8500
31	286203,8379	9106659,3940
32	286203,0788	9106661,6840
33	286198,4559	9106675,6270
34	286170,4560	9106665,6800
35	286172,4733	9106661,6990
36	286163,5211	9106657,8910
37	286138,3539	9106645,6410
38	286138,3120	9106645,6200
39	286135,7180	9106644,3580
40	286133,9557	9106649,1170
41	286105,5585	9106636,6890
42	286109,2678	9106628,3960
43	286114,2050	9106617,3690
44	286119,2482	9106606,4130
45	286124,1418	9106595,7840
46	286113,7213	9106589,2410
47	286112,5295	9106591,6260
48	286102,3953	9106611,9150
49	286088,6666	9106639,3990
50	286075,6491	9106666,0480
51	286069,7544	9106678,0830
52	286065,3333	9106688,2760
53	286061,5263	9106702,7670
54	286059,6987	9106703,0650
55	286046,4181	9106706,6870
56	286047,8286	9106711,5990
57	286051,4012	9106724,0400
58	286053,7895	9106723,2760
59	286071,2281	9106720,8200
60	286090,0175	9106718,8550
61	286113,8420	9106718,4870
62	286133,2455	9106720,6970
63	286147,3683	9106723,3990
64	286166,5261	9106727,4510
65	286183,3507	9106732,7320
66	286212,1648	9106742,4820
67	286219,8243	9106720,4510

TABELA 42 – ZEIS 1 JARDIM SÃO PAULO II		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	285423,2273	9106268,5590
2	285426,9649	9106224,4220
3	285432,1765	9106213,8880
4	285439,3841	9106199,4720
5	285454,7859	9106205,3890
6	285460,7644	9106188,3080
7	285460,2307	9106188,0510
8	285449,5856	9106183,2830
9	285435,1296	9106176,8680
10	285432,5092	9106175,5210
11	285438,5182	9106160,2520
12	285439,2732	9106158,3340
13	285419,4895	9106152,1410
14	285411,9952	9106149,7950
15	285407,4812	9106161,3620
16	285406,8945	9106163,5450
17	285394,0650	9106157,8430
18	285390,7051	9106156,1160
19	285386,3563	9106153,9180
20	285371,1576	9106189,9630
21	285411,3071	9106206,1460
22	285402,4454	9106224,4810
23	285386,5423	9106257,3840
24	285359,6570	9106244,8250
25	285343,6893	9106237,5060
26	285323,5619	9106226,0220
27	285306,7643	9106216,4380
28	285261,2588	9106197,2390
29	285257,6417	9106204,7950
30	285248,9926	9106229,3010
31	285244,6680	9106241,8310
32	285244,0072	9106243,5140
33	285257,1494	9106249,0660
34	285273,3875	9106217,1030
35	285300,8873	9106232,6270
36	285265,9018	9106307,9830
37	285375,3910	9106326,5560
38	285388,7132	9106360,4360
39	285391,4167	9106367,3120
40	285395,0296	9106366,6890
41	285412,7714	9106363,8060
42	285421,7532	9106362,5860
43	285436,2472	9106360,0650
44	285433,5003	9106323,4960
45	285422,2220	9106322,8450
46	285423,2273	9106268,5590

TABELA 43 – ZEIS 1 JARDIM UCHÓA		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286359,1020	9104052,6840
2	286367,9954	9104000,4350
3	286375,9760	9104001,4660
4	286478,4388	9104015,9670
5	286479,1799	9104010,3220
6	286481,6726	9103993,2700
7	286483,1831	9103982,0420
8	286484,6996	9103970,7580
9	286485,1994	9103963,6460
10	286611,4469	9103980,5470
11	286613,5256	9103958,5950
12	286609,6713	9103915,9800
13	286608,8477	9103887,3620
14	286631,2637	9103874,3850
15	286631,5223	9103874,2340
16	286647,6062	9103864,8410
17	286647,4101	9103863,9040
18	286647,3899	9103863,8050
19	286647,3843	9103863,7770
20	286646,2431	9103857,9510
21	286646,2091	9103857,7680
22	286645,3583	9103852,9520
23	286645,2914	9103852,5180

24	286645,2555	9103852,2090
25	286644,7755	9103847,4140
26	286644,4965	9103845,3390
27	286644,4930	9103845,3120
28	286644,4288	9103844,6610
29	286644,4074	9103844,0070
30	286644,4087	9103843,9660
31	286644,3608	9103843,6750
32	286644,3084	9103843,1840
33	286643,6462	9103835,0730
34	286643,6344	9103834,9140
35	286643,6132	9103834,3240
36	286643,5860	9103830,0960
37	286643,5858	9103830,0320
38	286643,5860	9103829,9730
39	286643,6124	9103825,4690
40	286643,6296	9103824,9380
41	286643,8480	9103821,2410
42	286643,8520	9103821,1770
43	286643,8840	9103820,7990
44	286644,2516	9103817,2560
45	286644,2838	9103816,9820
46	286644,3332	9103816,6500
47	286645,1169	9103811,9280
48	286645,1740	9103811,6150
49	286645,3062	9103811,0400
50	286646,7799	9103805,3950
51	286646,7963	9103805,3330
52	286646,9400	9103804,8460
53	286648,4791	9103800,0830
54	286648,5254	9103799,9430
55	286648,6609	9103799,5680
56	286650,0095	9103796,0610
57	286650,1045	9103795,8230
58	286650,1940	9103795,6140
59	286653,3198	9103788,5280
60	286653,3325	9103788,4990
61	286657,4649	9103779,2110
62	286657,4927	9103779,1490
63	286665,1422	9103762,2650
64	286672,3316	9103746,0300
65	286672,3804	9103745,9220
66	286675,9162	9103738,1870
67	286676,0423	9103737,9210
68	286676,2551	9103737,5130
69	286679,6213	9103731,4120
70	286679,7169	9103731,2430
71	286679,9819	9103730,8090
72	286683,3120	9103725,6640
73	286683,3926	9103725,5410
74	286683,7738	9103725,0090
75	286683,8303	9103724,9360
76	286687,7119	9103719,9730
77	286687,7426	9103719,9340
78	286693,1811	9103713,0510
79	286693,5090	9103712,6570
80	286693,7701	9103712,3710
81	286701,0901	9103704,6500
82	286708,7353	9103696,2660
83	286718,1580	9103685,8660
84	286726,8600	9103676,1370
85	286735,8778	9103665,2840
86	286736,0153	9103665,1220
87	286741,2493	9103659,0890
88	286741,4584	9103658,7980
89	286740,5381	9103658,5830
90	286738,8425	9103658,0750
91	286738,1797	9103658,0390
92	286736,2260	9103657,8460
93	286734,2891	9103657,5270
94	286734,2217	9103657,5130
95	286734,0184	9103657,5410
96	286733,3649	9103657,6290
97	286732,7418	9103657,7670
98	286732,1252	9103657,8960

99	286731,7266	9103657,9730
100	286730,2541	9103658,2450
101	286730,2004	9103658,2610
102	286729,7881	9103658,3820
103	286728,6507	9103658,7050
104	286727,6847	9103659,0150
105	286726,2893	9103659,4250
106	286724,3774	9103659,8710
107	286722,4405	9103660,1910
108	286722,1509	9103660,2280
109	286721,5880	9103660,2960
110	286720,4602	9103660,7670
111	286720,3878	9103660,7970
112	286718,5505	9103661,4880
113	286716,6719	9103662,0580
114	286715,5418	9103662,3380
115	286714,2563	9103662,6290
116	286712,5890	9103663,0560
117	286711,0002	9103663,4170
118	286709,5994	9103663,6620
119	286707,8854	9103663,9190
120	286707,3493	9103663,9940
121	286705,3956	9103664,1870
122	286704,0147	9103664,2450
123	286702,3787	9103664,2770
124	286701,7975	9103664,2830
125	286699,8354	9103664,2180
126	286698,7392	9103664,1260
127	286697,0803	9103663,9560
128	286696,9217	9103663,9400
129	286696,8684	9103663,9490
130	286695,9559	9103664,1200
131	286694,9079	9103664,3520
132	286694,2795	9103664,4840
133	286692,4660	9103664,7880
134	286691,4655	9103664,9240
135	286690,3605	9103665,1150
136	286689,1663	9103665,2960
137	286688,7484	9103665,3480
138	286687,7352	9103665,4670
139	286686,4664	9103665,6640
140	286685,7891	9103665,7610
141	286685,3484	9103665,8160
142	286683,3831	9103666,0450
143	286682,1277	9103666,1650
144	286678,6018	9103666,4260
145	286678,3442	9103666,4440
146	286676,2952	9103666,5080
147	286674,4659	9103667,0610
148	286672,5540	9103667,5070
149	286670,6653	9103667,8210
150	286668,9264	9103668,0520
151	286668,8782	9103668,0590
152	286667,1109	9103668,2380
153	286666,3661	9103668,2920
154	286665,7228	9103668,3710
155	286664,3647	9103668,5820
156	286663,6874	9103668,6790
157	286663,3974	9103668,7160
158	286661,5075	9103668,9460
159	286659,8438	9103669,1010
160	286657,5395	9103669,1640
161	286656,7938	9103669,3120
162	286656,7810	9103669,3150
163	286654,8441	9103669,6350
164	286653,6152	9103669,7710
165	286651,8771	9103669,9270
166	286651,2715	9103669,9750
167	286650,0517	9103670,2440
168	286649,2799	9103670,3870
169	286648,2807	9103670,5590
170	286648,2641	9103670,5620
171	286646,6272	9103670,8240
172	286646,3357	9103670,8610
173	286644,8238	9103671,0450

174	286643,1616	9103671,2000
175	286641,1995	9103671,2650
176	286639,2374	9103671,2000
177	286639,0697	9103671,1890
178	286637,3851	9103671,0690
179	286636,4982	9103670,9930
180	286635,2003	9103670,8620
181	286634,0032	9103670,7720
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183	286631,0609	9103670,4500
184	286630,9597	9103670,4380
185	286629,8411	9103670,3000
186	286629,5850	9103670,3010
187	286628,8193	9103670,2920
188	286627,0332	9103670,2460
189	286626,4900	9103670,2270
190	286624,9306	9103670,1590
191	286624,2774	9103670,1240
192	286623,4067	9103670,0540
193	286620,3904	9103669,7680
194	286619,3074	9103669,6450
195	286619,1100	9103669,6180
196	286617,3262	9103669,3710
197	286615,5867	9103669,0780
198	286613,6748	9103668,6330
199	286612,1908	9103668,1940
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202	286610,6402	9103667,7420
203	286609,6111	9103667,4470
204	286607,9059	9103666,9240
205	286607,0564	9103666,6500
206	286605,2191	9103665,9580
207	286603,5356	9103665,1990
208	286602,5694	9103664,9580
209	286600,6908	9103664,3880
210	286600,6496	9103664,3740
211	286599,2878	9103663,9090
212	286598,9082	9103663,9120
213	286596,9461	9103663,8470
214	286596,8790	9103663,8430
215	286595,9627	9103663,9170
216	286594,0006	9103663,9810
217	286592,0385	9103663,9170
218	286590,0848	9103663,7250
219	286588,3373	9103663,4420
220	286587,4892	9103663,4540
221	286585,5271	9103663,3900
222	286583,5734	9103663,1970
223	286582,7847	9103663,0830
224	286581,0767	9103662,8110
225	286580,3631	9103662,6890
226	286578,7560	9103662,3940
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229	286576,3901	9103661,8600
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233	286569,0242	9103659,3050
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236	286566,7002	9103658,9220
237	286565,1437	9103658,6020
238	286563,4168	9103658,1940
239	286561,5382	9103657,6240
240	286559,7009	9103656,9320
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242	286559,2598	9103656,7460
243	286558,1479	9103656,3110
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246	286554,8790	9103654,7230
247	286554,7297	9103654,6940
248	286552,8178	9103654,2480

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251	286550,7221	9103653,7190
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253	286548,2816	9103653,0710
254	286546,4761	9103652,5100
255	286545,4757	9103652,2080
256	286545,4152	9103652,1970
257	286544,9957	9103652,1160
258	286543,0838	9103651,6710
259	286541,8283	9103651,3050
260	286541,7048	9103651,3050
261	286539,7427	9103651,2410
262	286538,9901	9103651,1820
263	286537,6714	9103651,0620
264	286537,3832	9103651,0410
265	286535,7435	9103651,0860
266	286533,7814	9103651,0220
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268	286532,8315	9103650,9730
269	286532,2619	9103651,1460
270	286531,3388	9103651,4090
271	286529,4269	9103651,8550
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273	286527,0478	9103652,2730
274	286525,5807	9103652,5450
275	286524,5825	9103652,7120
276	286522,7172	9103652,9930
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283	286517,5520	9103654,0320
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289	286515,1878	9103655,0030
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291	286511,5623	9103656,5050
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307	286499,4827	9103663,1390
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312	286496,8246	9103665,8270
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315	286493,4088	9103669,3770
316	286492,1741	9103670,4660
317	286491,6325	9103671,3370
318	286490,5984	9103672,7890
319	286489,6531	9103674,0360
320	286489,5437	9103674,1800
321	286489,1196	9103674,7200
322	286487,9965	9103676,1160
323	286487,1752	9103677,0940

324	286485,8332	9103678,5260
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326	286484,5293	9103680,2570
327	286483,7754	9103681,6460
328	286483,6148	9103681,9210
329	286482,7424	9103683,3960
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331	286481,8377	9103684,9200
332	286481,0300	9103686,3080
333	286480,3096	9103687,4840
334	286479,7213	9103688,3950
335	286479,7030	9103688,4500
336	286479,6709	9103688,5450
337	286478,9794	9103690,3820
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341	286477,0512	9103694,7520
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343	286475,6610	9103698,0550
344	286475,4330	9103698,5080
345	286474,8154	9103699,7090
346	286474,1180	9103700,9870
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357	286467,8656	9103713,0700
358	286467,4636	9103714,1820
359	286466,9277	9103715,5780
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361	286465,9545	9103718,1400
362	286465,6950	9103718,7470
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370	286462,4983	9103726,4850
371	286461,8060	9103727,9920
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373	286460,6076	9103730,1870
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375	286459,6956	9103732,9520
376	286459,0213	9103734,7060
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380	286457,3056	9103738,6610
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383	286455,5572	9103741,9430
384	286454,5205	9103743,6100
385	286453,9123	9103744,4860
386	286452,9407	9103745,8340
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388	286451,9130	9103748,1920
389	286451,3005	9103749,8370
390	286451,2066	9103750,0680
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403	286445,1763	9103763,8440
404	286444,2261	9103765,5190
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414	286440,3000	9103773,7940
415	286440,0307	9103774,5720
416	286439,7695	9103775,2960
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418	286438,9912	9103777,3510
419	286438,2400	9103779,2300
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422	286436,9750	9103781,9820
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424	286436,0603	9103783,7320
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426	286435,5561	9103784,7440
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428	286434,7642	9103786,5540
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433	286432,5310	9103791,4460
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441	286427,6762	9103801,3070
442	286427,5968	9103801,4430
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444	286425,8445	9103804,3280
445	286425,5782	9103804,7200
446	286425,1407	9103805,7310
447	286424,5154	9103807,0830
448	286424,4518	9103807,2110
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451	286421,7291	9103812,1320
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466	286416,0161	9103822,9130
467	286415,8143	9103823,4100
468	286415,6876	9103823,9000
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470	286414,4262	9103827,6160
471	286414,3375	9103827,8280
472	286413,6910	9103829,3550
473	286412,9695	9103830,9310

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476	286411,2469	9103834,9770
477	286410,5832	9103836,4640
478	286410,5669	9103836,5200
479	286410,2266	9103837,6730
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481	286409,1688	9103840,6660
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483	286408,2446	9103842,6910
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486	286407,7236	9103843,8200
487	286406,9134	9103845,6080
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489	286405,8194	9103847,6280
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491	286404,9673	9103849,4000
492	286404,1571	9103851,1880
493	286403,2317	9103852,9190
494	286403,1468	9103853,0650
495	286403,0091	9103853,4040
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628	286313,2353	9103977,5300
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638	286306,4914	9103985,7690
639	286305,8168	9103986,8260
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641	286304,0616	9103989,2710
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644	286303,3203	9103990,5040
645	286302,6288	9103992,3410
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648	286301,1380	9103995,8260
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652	286299,1487	9104000,0650
653	286298,6351	9104001,2140
654	286298,1527	9104002,2400
655	286297,4961	9104003,4960
656	286296,4169	9104005,4460
657	286296,1481	9104005,9220
658	286295,1114	9104007,5890
659	286294,9374	9104007,8470
660	286294,1887	9104008,9420
661	286293,5278	9104009,9800
662	286293,1653	9104010,5360
663	286292,0218	9104012,1320
664	286292,0134	9104012,1430
665	286291,2077	9104013,1920
666	286290,3488	9104014,3390
667	286290,3187	9104014,3800
668	286289,7474	9104015,1400
669	286289,3324	9104015,7700
670	286289,2285	9104015,9260
671	286288,4428	9104017,0460
672	286287,2670	9104018,6430
673	286287,1268	9104018,8320
674	286286,1558	9104020,1290
675	286285,9382	9104020,4170
676	286285,0464	9104021,5240
677	286284,5895	9104022,0640
678	286284,1452	9104022,6500
679	286283,1685	9104023,9660
680	286282,8735	9104024,3570
681	286281,7519	9104025,7240
682	286281,6659	9104025,9830
683	286280,9744	9104027,8200
684	286280,1642	9104029,6080
685	286279,9779	9104029,9790
686	286278,6400	9104032,6000
687	286277,9009	9104033,9600
688	286277,4565	9104034,7050
689	286275,3496	9104038,1220
690	286274,6422	9104039,6660
691	286274,1776	9104040,6090
692	286274,1617	9104040,6440
693	286274,0824	9104041,0590
694	286273,7049	9104042,6770
695	286324,7935	9104048,6640
696	286359,1020	9104052,6840

TABELA 44 – ZEIS 1 JOÃO DE BARROS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292065,4683	9110224,2160
2	292067,7124	9110217,9480
3	292057,6119	9110217,8550
4	292053,7974	9110216,9010
5	292052,5258	9110216,6270
6	292042,6345	9110214,4890
7	292032,2570	9110212,1890
8	292029,3877	9110210,0370
9	292026,6475	9110207,9820
10	292005,3875	9110210,5630
11	291987,8859	9110211,7410
12	291987,8859	9110213,1990
13	291974,4792	9110213,7600
14	291966,4015	9110214,5450
15	291961,5213	9110215,0500
16	291952,1534	9110216,0040
17	291942,5612	9110217,1260
18	291932,4080	9110217,5750
19	291928,1448	9110218,2480
20	291917,7672	9110217,7990
21	291904,3605	9110217,0700
22	291892,9764	9110216,4840
23	291891,9933	9110227,3220
24	291891,4612	9110232,1040
25	291886,7549	9110274,4040
26	291890,3533	9110276,1220
27	291961,8005	9110310,2230
28	291994,9400	9110326,0400
29	292031,5184	9110343,4990
30	292091,3229	9110299,5090
31	292104,5899	9110289,7510
32	292100,7572	9110284,5940
33	292081,2026	9110259,0380
34	292066,0001	9110239,9050
35	292065,4683	9110224,2160

TABELA 45 – ZEIS 1 JORDÃO		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286246,0264	9100142,4280
2	286279,6608	9100140,3300
3	286312,6976	9100157,4270
4	286361,3684	9100233,4670
5	286400,6197	9100251,0420
6	286513,9992	9100252,6510
7	286540,4323	9100230,3720
8	286555,0068	9100068,0140
9	286451,0180	9100057,6390
10	286431,7416	9100056,1910
11	286428,7778	9100055,9110
12	286122,6274	9100028,0390
13	286114,3641	9100027,2810
14	286089,2000	9100024,9040
15	285908,1705	9100007,7300
16	285905,2401	9100007,3950
17	285884,0773	9100004,9810
18	285841,7517	9100000,1650
19	285825,9832	9099996,8600
20	285806,5455	9099990,9920
21	285796,2766	9099984,1480
22	285791,0738	9099982,3070
23	285666,2999	9099969,0330
24	285425,6552	9099971,3400
25	285423,3735	9099971,3620
26	285422,2777	9099971,2920
27	285418,7374	9100290,5090
28	285455,7631	9100413,3630
29	285753,3814	9100782,2280
30	285790,5587	9100861,0540
31	285807,5267	9100946,5420
32	285825,6731	9101373,9780
33	285830,4880	9101412,2930
34	285845,9429	9101390,5220
35	286382,3587	9101031,6100

36	286391,6336	9100989,0930
37	286344,8226	9100979,4730
38	286384,6740	9100784,1650
39	286390,8366	9100753,9620
40	286399,3607	9100728,8590
41	286125,4475	9100621,1540
42	286212,0212	9100410,8640
43	286108,4687	9100353,1090
44	286214,3034	9100165,4440
45	286246,0264	9100142,4280

TABELA 46 – ZEIS 1 LINHA DO TIRO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290264,2780	9115094,4190
2	290280,8386	9115082,1240
3	290307,7934	9115059,6180
4	290264,6543	9115002,5830
5	290241,6953	9114970,2140
6	290195,6086	9114904,9850
7	290175,3518	9114878,7470
8	290163,6399	9114862,6230
9	290136,4560	9114828,4800
10	290139,3331	9114826,3540
11	290250,9702	9114686,5000
12	290245,1848	9114677,2360
13	290238,3992	9114666,5880
14	290230,0456	9114654,2670
15	290219,6483	9114638,9310
16	290193,9047	9114604,5930
17	290188,6195	9114598,0120
18	290186,4020	9114594,3650
19	290182,5834	9114583,9140
20	290180,0674	9114577,0280
21	290177,3072	9114569,5750
22	290175,1331	9114565,0240
23	290174,6980	9114564,1130
24	290172,2466	9114560,3170
25	290169,9980	9114557,7790
26	290168,8511	9114556,4840
27	290163,9846	9114553,8440
28	290149,3891	9114545,9260
29	290141,1991	9114542,5050
30	290133,2205	9114539,5070
31	290130,0749	9114538,5870
32	290129,2256	9114538,3390
33	290129,0846	9114538,3410
34	290112,0627	9114538,6240
35	290099,4913	9114540,4470
36	290084,5193	9114544,4360
37	290075,2829	9114548,5450
38	290072,7615	9114549,7990
39	290058,0304	9114557,1270
40	290052,8141	9114559,4590
41	290044,0447	9114562,2930
42	290031,4064	9114565,1250
43	290018,8243	9114567,9440
44	290013,9872	9114567,9560
45	290010,0980	9114567,3960
46	290006,4448	9114566,3750
47	289982,7023	9114559,7360
48	289959,9946	9114548,7250
49	289948,8525	9114543,3230
50	289937,1546	9114537,3490
51	289920,5734	9114528,8810
52	289893,1920	9114513,3520
53	289891,7346	9114512,5250
54	289890,1092	9114511,2300
55	289869,6972	9114493,1300
56	289864,6465	9114490,4310
57	289859,1947	9114488,0630
58	289855,7054	9114487,0860
59	289836,4093	9114485,9860
60	289813,5016	9114486,1150
61	289807,7778	9114486,3370

62	289799,0808	9114486,6760
63	289788,2266	9114487,0990
64	289723,9141	9114486,1270
65	289672,6224	9114485,3530
66	289625,0356	9114484,5870
67	289619,7986	9114484,8140
68	289617,8474	9114485,0420
69	289615,3828	9114502,8230
70	289609,2186	9114530,7250
71	289603,7032	9114596,9090
72	289572,5573	9114610,8600
73	289545,1129	9114627,3930
74	289532,1421	9114632,7630
75	289518,6041	9114636,2390
76	289504,5173	9114640,0810
77	289495,0041	9114642,8250
78	289466,0987	9114656,7290
79	289448,6274	9114664,5960
80	289434,9065	9114670,6330
81	289421,7344	9114676,7620
82	289402,7080	9114686,7320
83	289387,7065	9114696,2450
84	289373,3452	9114703,6550
85	289356,0569	9114713,5340
86	289343,0677	9114719,6630
87	289330,9933	9114723,6870
88	289316,5406	9114728,9010
89	289268,9688	9114749,2260
90	289267,5112	9114749,8490
91	289271,2696	9114774,3020
92	289278,7295	9114846,8040
93	289279,9492	9114856,5540
94	289278,8199	9114867,8380
95	289275,6805	9114891,7800
96	289270,4498	9114911,9330
97	289263,8827	9114935,4060
98	289259,4920	9114949,0360
99	289244,3223	9114987,9460
100	289243,8414	9114989,3660
101	289235,4272	9115010,8200
102	289232,1723	9115017,4300
103	289224,8699	9115030,0720
104	289211,1944	9115048,9240
105	289208,8161	9115056,6080
106	289203,3985	9115077,2510
107	289203,1310	9115085,7400
108	289204,7801	9115091,4770
109	289212,2920	9115108,5640
110	289217,0486	9115116,1570
111	289222,9029	9115132,8050
112	289223,2688	9115138,3850
113	289221,9611	9115140,9600
114	289220,2502	9115144,3300
115	289266,0996	9115215,5610
116	289267,0754	9115217,0770
117	289275,1541	9115211,3270
118	289286,3533	9115203,3560
119	289296,6440	9115198,0050
120	289312,0800	9115191,2820
121	289323,0568	9115187,1650
122	289336,7777	9115182,6370
123	289349,7440	9115178,8640
124	289364,9496	9115175,8280
125	289373,1381	9115175,3650
126	289381,2335	9115175,9140
127	289390,4951	9115177,2860
128	289407,3033	9115179,2760
129	289420,6114	9115176,8680
130	289430,5602	9115172,7580
131	289434,7451	9115170,7000
132	289440,6532	9115167,0860
133	289461,7753	9115152,0400
134	289501,4288	9115120,8930
135	289509,0401	9115113,6170
136	289515,2058	9115105,9080

137	289519,3586	9115097,0680
138	289521,9095	9115083,9740
139	289529,1294	9115088,6980
140	289538,3995	9115095,6500
141	289543,5693	9115101,8900
142	289549,5413	9115112,9430
143	289551,9479	9115118,4690
144	289555,6916	9115122,2130
145	289561,1288	9115125,5110
146	289564,3377	9115127,8280
147	289570,1314	9115134,3350
148	289576,3708	9115141,1090
149	289581,2733	9115146,1900
150	289583,3234	9115150,4680
151	289583,8582	9115154,4790
152	289585,0169	9115157,1530
153	289589,6519	9115162,4120
154	289598,3871	9115173,9110
155	289602,3723	9115180,7370
156	289605,6962	9115187,9050
157	289609,0833	9115193,1640
158	289614,7879	9115197,7100
159	289677,9989	9115267,5180
160	289732,1796	9115337,9200
161	289744,5082	9115354,4660
162	289749,6441	9115353,5700
163	289799,2625	9115339,8870
164	289817,8384	9115334,7640
165	289846,2351	9115324,8500
166	289897,9139	9115298,9870
167	289933,1346	9115281,0010
168	289977,8547	9115259,3980
169	290019,1487	9115233,3940
170	290032,1785	9115223,5160
171	290070,6063	9115197,4690
172	290098,0446	9115179,3550
173	290115,9853	9115168,5650
174	290150,8629	9115150,4990
175	290197,7846	9115128,0420
176	290242,6990	9115106,4630
177	290264,2780	9115094,4190

TABELA 47 – ZEIS 1 MANGUEIRA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287970,1404	9107134,6140
2	288035,9720	9107077,2290
3	288056,0701	9107054,9820
4	288078,8222	9107033,0430
5	288095,6831	9107017,8070
6	288114,0344	9107005,6310
7	288148,4704	9106990,6840
8	288251,6877	9106957,5540
9	288263,1462	9106854,5870
10	288263,6828	9106851,2290
11	288294,9669	9106849,8070
12	288295,6724	9106856,9880
13	288299,0224	9106894,9780
14	288311,5124	9106892,1280
15	288319,1824	9106890,3780
16	288336,3524	9106887,6180
17	288334,0424	9106854,7680
18	288333,1804	9106849,0570
19	288413,9993	9106842,9420
20	288412,9266	9106820,4100
21	288412,8525	9106818,7250
22	288418,4824	9106818,3880
23	288447,5291	9106816,2970
24	288448,2151	9106816,2470
25	288445,4172	9106777,1140
26	288445,3024	9106775,5080
27	288475,1524	9106772,9280
28	288475,2688	9106774,5340
29	288478,3092	9106816,4690
30	288478,3385	9106816,8730
31	288484,5124	9106902,0280

32	288484,4965	9106912,2580
33	288486,6990	9106912,0760
34	288594,3912	9106905,5020
35	288702,2790	9106882,9120
36	288720,7556	9106877,8410
37	288719,2020	9106869,5790
38	288714,9508	9106848,1150
39	288706,3024	9106850,0580
40	288695,5324	9106851,7180
41	288693,6524	9106845,1110
42	288691,3798	9106837,1260
43	288689,2920	9106829,6870
44	288687,1224	9106821,5280
45	288685,0152	9106813,0650
46	288683,5683	9106806,2240
47	288682,0624	9106798,4580
48	288680,2939	9106789,3830
49	288678,8024	9106781,7380
50	288677,0065	9106772,4760
51	288675,6924	9106765,9670
52	288673,9090	9106758,0630
53	288672,4124	9106751,4080
54	288670,4056	9106742,5370
55	288668,8024	9106732,6580
56	288667,3367	9106733,0000
57	288665,9603	9106727,8300
58	288664,0655	9106720,1640
59	288662,3024	9106712,7380
60	288658,7324	9106704,2580
61	288655,5024	9106697,8280
62	288654,5424	9106695,8380
63	288653,7224	9106692,2280
64	288652,1354	9106688,4270
65	288647,9352	9106678,3670
66	288641,2924	9106662,4480
67	288639,4688	9106658,0880
68	288638,9124	9106656,7580
69	288643,6618	9106656,7390
70	288659,5321	9106656,6780
71	288660,0255	9106648,5730
72	288660,0982	9106647,3780
73	288666,5049	9106640,4980
74	288666,6824	9106640,3080
75	288666,8837	9106638,9570
76	288667,6777	9106629,9980
77	288666,9024	9106621,8380
78	288665,6124	9106613,6880
79	288664,3624	9106605,7980
80	288662,2924	9106597,0680
81	288659,1323	9106584,7670
82	288658,8524	9106583,6780
83	288660,2856	9106583,8770
84	288660,8884	9106583,9610
85	288661,0103	9106579,5090
86	288661,1946	9106572,7770
87	288672,8742	9106573,0290
88	288674,2279	9106537,4630
89	288668,4252	9106535,8870
90	288672,2208	9106455,3810
91	288673,3394	9106443,5230
92	288673,5539	9106441,2490
93	288668,2624	9106440,7480
94	288668,3824	9106422,5680
95	288669,1543	9106413,7370
96	288669,1508	9106404,7590
97	288669,4074	9106395,8990
98	288669,5824	9106387,0080
99	288669,6242	9106385,2390
100	288669,1210	9106385,2060
101	288669,1211	9106385,2020
102	288629,0224	9106382,2880
103	288629,0390	9106381,7190
104	288629,7838	9106356,2440
105	288629,0502	9106356,2230
106	288622,7769	9106356,0420

107	288623,2404	9106340,5310
108	288623,8524	9106320,0480
109	288601,1144	9106318,8540
110	288600,7417	9106318,8410
111	288585,5738	9106318,2980
112	288571,7854	9106316,7000
113	288573,0117	9106302,6140
114	288573,1524	9106300,9980
115	288563,5524	9106300,4880
116	288555,9722	9106300,0910
117	288546,3124	9106299,5780
118	288531,9612	9106298,5300
119	288531,7301	9106303,8820
120	288531,7186	9106304,1490
121	288531,5524	9106307,9980
122	288526,7124	9106307,7580
123	288526,5824	9106308,5980
124	288522,4224	9106308,3880
125	288522,5887	9106306,8290
126	288522,0911	9106306,7840
127	288507,9924	9106305,5180
128	288502,4624	9106305,4980
129	288502,4120	9106307,1250
130	288502,2984	9106310,7950
131	288497,0528	9106310,5230
132	288489,6024	9106310,1360
133	288486,3566	9106309,8710
134	288479,0264	9106309,2710
135	288479,6009	9106299,6370
136	288480,2923	9106287,9910
137	288468,4422	9106287,0680
138	288468,4048	9106287,5770
139	288465,1724	9106287,3380
140	288465,2024	9106285,5580
141	288458,2024	9106285,2380
142	288452,0927	9106284,3990
143	288451,0710	9106302,0040
144	288439,2378	9106474,9880
145	288363,2025	9106454,3670
146	288247,8195	9106422,5060
147	288221,8624	9106415,5200
148	288204,0266	9106410,3270
149	288187,2086	9106405,0970
150	288170,0673	9106399,1300
151	288151,2705	9106391,9670
152	288136,8621	9106385,7790
153	288121,7520	9106378,4830
154	288105,1623	9106369,6190
155	288092,9100	9106362,3320
156	288085,4426	9106357,6740
157	288050,3202	9106379,9700
158	287919,9570	9106462,7270
159	287865,0019	9106497,6140
160	287853,1748	9106550,1340
161	287826,9288	9106658,7460
162	287811,7787	9106738,1240
163	287795,3482	9106744,9520
164	287777,6375	9106745,8060
165	287761,4205	9106746,6590
166	287735,1745	9106748,1530
167	287721,0913	9106753,0610
168	287704,2514	9106755,0720
169	287682,2557	9106756,9020
170	287688,2411	9106774,8410
171	287680,9859	9106776,8570
172	287679,7229	9106777,2080
173	287677,4355	9106770,3750
174	287676,8783	9106769,3780
175	287672,6554	9106765,8300
176	287671,9651	9106765,1860
177	287669,5653	9106762,6960
178	287657,9129	9106766,9820
179	287659,9890	9106774,6750
180	287661,8478	9106781,5620
181	287661,5460	9106781,6320

182	287651,6434	9106783,9380
183	287646,0276	9106785,4030
184	287632,8425	9106789,9450
185	287620,0087	9106794,4020
186	287617,6553	9106795,2190
187	287615,8644	9106790,9420
188	287610,1838	9106793,3630
189	287611,5511	9106797,1720
190	287610,3475	9106797,4630
191	287601,2473	9106799,6630
192	287599,6846	9106794,3890
193	287595,5826	9106795,1700
194	287593,5316	9106794,5350
195	287582,4952	9106795,6090
196	287570,1892	9106799,4670
197	287572,6032	9106807,0270
198	287565,2570	9106809,2830
199	287547,8723	9106813,8730
200	287541,5240	9106814,8010
201	287537,4057	9106815,9990
202	287533,4664	9106817,1450
203	287509,0009	9106821,7840
204	287498,0622	9106824,3720
205	287477,3080	9106826,8140
206	287477,2520	9106825,1780
207	287472,3346	9106800,3550
208	287455,2190	9106801,4030
209	287441,2471	9106805,5950
210	287441,2471	9106810,1360
211	287398,2834	9106812,9300
212	287380,4691	9106816,4230
213	287365,4493	9106818,5190
214	287352,5253	9106820,2650
215	287343,4435	9106822,0120
216	287306,0686	9106831,4430
217	287291,3980	9106836,6820
218	287264,0399	9106844,5070
219	287205,6033	9106837,3880
220	287208,5053	9106828,7100
221	287204,1819	9106817,8820
222	287205,7188	9106817,4220
223	287187,4402	9106789,7350
224	287183,5526	9106782,4810
225	287176,7636	9106766,6560
226	287172,5270	9106753,1160
227	287170,4969	9106744,3080
228	287161,9006	9106757,0890
229	287145,4246	9106775,5080
230	287114,9458	9106789,2210
231	287078,6297	9106802,0650
232	287067,9600	9106808,8870
233	287054,7269	9106822,2490
234	287047,0380	9106833,5590
235	287038,2535	9106851,6870
236	287029,7766	9106875,3250
237	287014,4341	9106908,3060
238	287012,3570	9106913,4790
239	286980,3688	9106989,4810
240	286951,5984	9107035,9410
241	286951,1434	9107041,2570
242	286943,1141	9107060,9120
243	286937,9394	9107073,5800
244	286921,5619	9107121,8650
245	286908,1317	9107156,0840
246	286905,7782	9107170,5430
247	286908,4295	9107171,8010
248	286933,1732	9107179,6660
249	286957,4954	9107128,5960
250	286962,9056	9107117,2360
251	286966,4133	9107110,4960
252	286968,1948	9107107,0730
253	286968,6430	9107106,9870
254	287100,6363	9107069,1610
255	287126,0604	9107061,8760
256	287141,5011	9107168,0780

257	287183,5689	9107140,0990
258	287224,8304	9107117,7860
259	287265,4357	9107106,5810
260	287314,8439	9107097,3980
261	287363,3508	9107092,1570
262	287420,4342	9107100,8920
263	287596,9659	9107131,5670
264	287681,5551	9107148,9150
265	287663,2973	9107265,3550
266	287714,5661	9107247,4780
267	287792,9993	9107216,0750
268	287841,9643	9107198,6170
269	287878,7259	9107173,8210
270	287893,1491	9107164,2730
271	287927,4803	9107151,2720
272	287958,5613	9107140,3020
273	287970,1404	9107134,6140

TABELA 48 – ZEIS 1 MANGUEIRA DA TORRE

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290049,7593	9109887,6170
2	290050,3016	9109874,3300
3	290055,3868	9109874,5310
4	290087,3374	9109878,0610
5	290086,5325	9109867,0410
6	290085,2969	9109849,6600
7	290083,9310	9109831,0420
8	290083,4479	9109824,4570
9	290083,4330	9109824,2540
10	290071,1749	9109823,8560
11	290063,1800	9109823,9260
12	290059,8000	9109823,9550
13	290061,1969	9109806,2940
14	290062,0949	9109793,2230
15	290062,0949	9109791,8260
16	290062,0949	9109785,4400
17	290061,2967	9109766,0830
18	290061,0049	9109754,8010
19	290060,8616	9109739,8490
20	290048,0524	9109741,2180
21	290019,2674	9109744,2360
22	289986,2713	9109747,6970
23	289983,8721	9109747,9480
24	289981,4590	9109736,0430
25	289979,8800	9109727,3500
26	289937,8524	9109746,7960
27	289938,2324	9109753,2280
28	289939,0548	9109789,6950
29	289938,9804	9109796,6080
30	289938,9224	9109801,9980
31	289938,9324	9109814,3980
32	289939,4576	9109823,0540
33	289940,0078	9109832,1220
34	289940,0134	9109832,1820
35	289956,7224	9109832,7480
36	289960,7070	9109876,9610
37	289970,9524	9109878,3780
38	289980,5068	9109879,8650
39	289982,0878	9109880,0370
40	289985,4083	9109880,5050
41	289996,5081	9109881,7280
42	290010,7120	9109883,1880
43	290017,1928	9109883,8530
44	290020,4571	9109884,1480
45	290027,5324	9109884,7880
46	290035,8324	9109885,8880
47	290044,5124	9109887,0480
48	290046,4805	9109887,2610
49	290049,7593	9109887,6170

TABELA 49 – ZEIS 1 MUSTARDINHA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289638,2486	9106968,8270
2	289640,2055	9106967,7120
3	289644,6866	9106964,5060
4	289647,4520	9106961,9610
5	289656,3752	9106952,8880
6	289681,1906	9106936,3320
7	289685,1857	9106933,9300
8	289718,4799	9106913,9070
9	289721,7798	9106918,0970
10	289724,9215	9106922,8050
11	289729,7984	9106932,0240
12	289731,6580	9106935,5400
13	289742,8693	9106961,7200
14	289745,0493	9106968,5160
15	289745,8356	9106970,9670
16	289746,7535	9106973,8290
17	289747,6482	9106976,6180
18	289751,9971	9106988,3320
19	289783,4699	9106990,8550
20	289794,0017	9106926,7780
21	289799,7121	9106892,0360
22	289808,1227	9106844,8960
23	289811,8248	9106824,1480
24	289811,6887	9106823,3690
25	289810,4702	9106819,2190
26	289808,4884	9106815,3750
27	289805,8149	9106811,9750
28	289802,5463	9106809,1430
29	289798,8009	9106806,9810
30	289794,7138	9106805,5660
31	289790,4328	9106804,9510
32	289786,1128	9106805,1570
33	289784,9938	9106805,3460
34	289765,6491	9106807,7030
35	289765,6438	9106807,4540
36	289752,0154	9106806,8040
37	289750,7606	9106795,2250
38	289750,7203	9106794,9420
39	289750,5262	9106794,2170
40	289750,2093	9106793,5380
41	289749,7792	9106792,9240
42	289749,2490	9106792,3930
43	289748,6348	9106791,9630
44	289747,9552	9106791,6460
45	289747,5661	9106791,5250
46	289734,8603	9106782,6020
47	289728,1888	9106777,1930
48	289714,8714	9106766,3960
49	289714,7588	9106766,2730
50	289700,8865	9106751,0490
51	289699,9599	9106750,0320
52	289692,5416	9106738,5390
53	289689,9273	9106733,7450
54	289686,8670	9106728,1330
55	289686,3701	9106727,2220
56	289682,2196	9106713,9110
57	289677,2824	9106699,2560
58	289670,3029	9106681,1440
59	289668,7116	9106677,7290
60	289671,2807	9106676,6700
61	289678,1480	9106673,8400
62	289715,3277	9106658,5170
63	289775,4526	9106634,0770
64	289776,9220	9106633,6070
65	289774,7796	9106623,8290
66	289774,5000	9106622,0910
67	289771,9180	9106606,0380
68	289773,3494	9106595,9890
69	289773,3583	9106595,8630
70	289773,3448	9106595,7090
71	289773,3046	9106595,5590
72	289773,2389	9106595,4180
73	289773,1498	9106595,2900

74	289773,0399	9106595,1810
75	289772,9127	9106595,0910
76	289772,8951	9106595,0820
77	289766,1354	9106592,1150
78	289754,1572	9106585,9680
79	289740,5749	9106579,9070
80	289735,8971	9106578,0040
81	289731,9174	9106576,3850
82	289720,8425	9106572,4800
83	289705,1347	9106567,4560
84	289701,5996	9106566,6230
85	289691,5006	9106564,2440
86	289680,1162	9106562,2630
87	289663,1123	9106559,5170
88	289650,1171	9106557,8030
89	289618,4941	9106557,3360
90	289600,9864	9106558,7870
91	289591,2403	9106559,9780
92	289586,3245	9106560,8770
93	289586,3901	9106561,8820
94	289586,3370	9106565,4700
95	289586,3136	9106567,0520
96	289586,7205	9106578,9650
97	289587,9396	9106590,8230
98	289588,7705	9106596,2370
99	289590,9056	9106608,8290
100	289596,4259	9106634,7810
101	289596,5553	9106635,3890
102	289607,0388	9106684,6750
103	289607,8735	9106687,5220
104	289609,0593	9106689,15670
105	289609,7310	9106694,8460
106	289610,2938	9106698,7010
107	289610,4769	9106700,5310
108	289612,8891	9106728,7610
109	289618,5941	9106779,0950
110	289622,5898	9106814,3490
111	289624,3800	9106830,1420
112	289625,8513	9106843,1240
113	289626,8359	9106852,4470
114	289627,5022	9106858,7560
115	289631,3910	9106895,5790
116	289635,7239	9106936,6070
117	289636,6948	9106945,8000
118	289636,7579	9106946,1290
119	289637,9865	9106954,8050
120	289638,3972	9106963,5580
121	289638,2486	9106968,8270
122	289638,2486	9106968,8270
123	289635,3052	9106970,2310
124	289633,3921	9106970,9830
125	289600,6285	9106980,1340
126	289582,1724	9106986,0000
127	289568,2464	9106990,4260
128	289559,5459	9106993,1910
129	289514,7217	9107004,5370
130	289514,2531	9107004,6560
131	289512,3788	9107007,7440
132	289509,2016	9107011,0120
133	289507,7852	9107011,4140
134	289500,9781	9107013,3460
135	289467,2435	9107018,9490
136	289464,5912	9107019,5380
137	289430,6293	9107027,0780
138	289424,0318	9107029,3690
139	289422,2863	9107025,8550
140	289420,2921	9107021,8400
141	289412,5895	9107009,1010
142	289412,5315	9107009,0050
143	289409,0934	9107004,1340
144	289405,0240	9106999,7770
145	289402,5510	9106997,7650
146	289402,0567	9106997,3630
147	289422,3784	9106979,8590
148	289410,5250	9106969,4870

149	289407,3500	9106969,2750
150	289403,3283	9106962,7140
151	289386,3637	9106959,2020
152	289389,5701	9106955,0940
153	289379,6914	9106951,6600
154	289380,7350	9106949,7640
155	289382,9522	9106946,2570
156	289385,6619	9106941,9710
157	289390,7382	9106934,1610
158	289393,9097	9106929,2820
159	289396,9077	9106916,7370
160	289397,1888	9106905,3160
161	289396,7798	9106882,9080
162	289395,7039	9106858,8370
163	289380,0723	9106860,5220
164	289347,5149	9106863,6840
165	289314,1302	9106866,9260
166	289310,5040	9106867,3440
167	289316,9553	9106928,5410
168	289317,6565	9106935,1940
169	289317,9991	9106938,0550
170	289322,2371	9106973,4570
171	289322,6439	9106979,0960
172	289289,3662	9106979,6240
173	289289,8325	9106986,4480
174	289281,3324	9106986,5930
175	289269,8910	9106986,9920
176	289269,5606	9106987,0040
177	289258,8743	9106987,3760
178	289256,6913	9106987,4530
179	289250,6895	9107003,7390
180	289236,4552	9107033,7870
181	289221,9042	9107065,5980
182	289220,1391	9107069,5750
183	289217,0810	9107076,4650
184	289216,2885	9107077,8880
185	289214,4579	9107079,8610
186	289213,7378	9107080,3340
187	289213,0713	9107080,7720
188	289198,8373	9107085,4790
189	289192,9046	9107087,4320
190	289189,7212	9107088,4800
191	289166,0253	9107095,3560
192	289048,2272	9107110,1760
193	289043,6445	9107065,5780
194	289015,1903	9107069,3230
195	288952,3723	9107078,6010
196	288920,3293	9107084,2180
197	288874,8229	9107089,9280
198	288822,4300	9107096,7240
199	288738,3926	9107106,7850
200	288687,2003	9107113,5530
201	288649,7277	9107119,2320
202	288606,2182	9107124,2140
203	288582,5241	9107126,7430
204	288580,1132	9107127,0390
205	288578,2454	9107127,2690
206	288539,4406	9107132,0400
207	288524,7951	9107137,5100
208	288523,5123	9107140,7020
209	288522,0417	9107144,3620
210	288519,9651	9107149,5290
211	288519,4628	9107150,7790
212	288503,4467	9107208,6930
213	288502,0723	9107213,6630
214	288501,2933	9107216,4790
215	288497,7226	9107229,3910
216	288493,0989	9107246,1100
217	288483,4395	9107268,6310
218	288480,0639	9107276,5020
219	288486,4449	9107274,5170
220	288508,3665	9107267,6980
221	288547,8649	9107255,4030
222	288551,0055	9107254,3350
223	288554,5798	9107253,9320

224	288556,7080	9107254,0740
225	288558,1541	9107254,3350
226	288561,5492	9107255,5230
227	288562,8578	9107256,2290
228	288569,1517	9107260,0140
229	288585,5009	9107255,1120
230	288592,4416	9107253,6040
231	288596,7831	9107252,6610
232	288592,8362	9107235,0570
233	288589,2597	9107216,7520
234	288585,5826	9107197,9330
235	288583,4088	9107183,8950
236	288579,9952	9107161,8500
237	288581,2769	9107161,6540
238	288583,6177	9107161,4130
239	288608,5231	9107158,8470
240	288608,5323	9107158,9850
241	288617,0619	9107248,3310
242	288619,9598	9107266,5960
243	288638,2382	9107352,3840
244	288638,5231	9107353,7880
245	288633,2024	9107354,7880
246	288620,4124	9107358,1180
247	288623,4324	9107371,0880
248	288620,9124	9107371,6280
249	288620,9961	9107372,2370
250	288621,2724	9107374,2480
251	288613,7523	9107375,6780
252	288613,7723	9107376,8480
253	288608,5923	9107378,0880
254	288609,7859	9107382,4120
255	288609,8923	9107382,7980
256	288613,5345	9107382,4910
257	288615,0023	9107382,3680
258	288617,4824	9107387,1180
259	288612,2107	9107388,9520
260	288606,7124	9107390,2780
261	288600,3924	9107391,2780
262	288596,4924	9107391,5480
263	288595,5824	9107391,6880
264	288595,5824	9107392,0700
265	288595,5824	9107393,0680
266	288592,9224	9107393,5980
267	288588,1437	9107394,5770
268	288587,9424	9107394,6180
269	288587,9405	9107394,6400
270	288587,8724	9107395,4480
271	288578,8224	9107397,5880
272	288567,3724	9107400,2680
273	288558,6761	9107402,2290
274	288556,8340	9107402,6440
275	288543,6782	9107406,0160
276	288545,4324	9107411,3880
277	288545,9904	9107414,4900
278	288549,3223	9107430,7880
279	288554,2524	9107450,1880
280	288553,6445	9107450,2100
281	288542,0958	9107450,6360
282	288522,2159	9107451,7090
283	288514,7448	9107452,7210
284	288507,3435	9107454,0480
285	288483,9949	9107458,0340
286	288480,2824	9107458,6680
287	288476,6721	9107440,5340
288	288473,3937	9107424,0680
289	288473,9172	9107423,9460
290	288475,1524	9107423,6580
291	288471,9124	9107408,2680
292	288449,8191	9107413,4620
293	288449,8011	9107413,5310
294	288445,6424	9107429,3880
295	288445,0825	9107429,5620
296	288444,6967	9107429,6820
297	288434,9627	9107432,7080
298	288425,2127	9107435,5280

299	288418,7126	9107436,6280
300	288418,4909	9107436,3400
301	288390,5197	9107443,4470
302	288379,7782	9107446,0620
303	288348,5216	9107454,5130
304	288333,2454	9107458,0950
305	288317,5165	9107461,7550
306	288308,1139	9107464,1510
307	288303,0091	9107465,3980
308	288295,1124	9107467,3280
309	288293,3494	9107467,8210
310	288292,5237	9107468,0520
311	288286,7525	9107469,6680
312	288286,5324	9107468,9380
313	288285,6325	9107469,2080
314	288279,4502	9107470,7890
315	288276,7055	9107471,4910
316	288271,3242	9107473,0510
317	288269,7024	9107465,6080
318	288265,7189	9107466,5720
319	288263,8709	9107467,1850
320	288261,6624	9107467,9180
321	288256,1997	9107469,1960
322	288254,4525	9107469,6040
323	288252,2110	9107462,3270
324	288243,7124	9107464,2580
325	288243,2924	9107463,2080
326	288238,3424	9107464,2480
327	288237,1624	9107464,6080
328	288236,5788	9107464,7410
329	288229,0802	9107466,4490
330	288233,3715	9107466,5090
331	288236,0781	9107499,1600
332	288237,9096	9107510,7800
333	288241,0224	9107525,1380
334	288242,2362	9107538,2310
335	288243,4724	9107551,5680
336	288251,4737	9107585,9050
337	288253,3347	9107593,5570
338	288255,6498	9107603,0730
339	288256,1471	9107604,9390
340	288261,5224	9107625,0980
341	288262,8624	9107631,0180
342	288264,3024	9107637,5580
343	288264,2446	9107637,5670
344	288265,0430	9107640,1700
345	288261,5858	9107644,4650
346	288252,7876	9107655,3940
347	288249,6897	9107658,5640
348	288249,5839	9107658,6720
349	288246,3150	9107662,0170
350	288245,6030	9107662,3450
351	288240,6095	9107664,6500
352	288225,1091	9107671,8050
353	288214,9671	9107678,3690
354	288211,2594	9107681,2940
355	288205,6586	9107685,7120
356	288187,7363	9107699,4140
357	288172,5904	9107705,6460
358	288152,9167	9107714,9660
359	288154,3490	9107719,7030
360	288162,1484	9107733,6770
361	288163,7489	9107736,3050
362	288171,5571	9107749,1270
363	288174,1798	9107753,4340
364	288200,0137	9107739,2690
365	288199,1670	9107737,3640
366	288201,0720	9107735,4590
367	288199,8020	9107734,8240
368	288206,9987	9107729,7440
369	288248,0621	9107704,5550
370	288263,0328	9107735,9140
371	288265,1941	9107741,5950
372	288287,1174	9107736,2560
373	288292,1870	9107735,0210

374	288292,2162	9107735,1490
375	288292,4194	9107738,4550
376	288298,9024	9107737,3880
377	288299,7325	9107735,6480
378	288306,0027	9107733,1720
379	288317,3524	9107730,1280
380	288347,6417	9107722,4250
381	288354,8124	9107720,5680
382	288366,7524	9107717,6280
383	288371,6258	9107716,5300
384	288389,3424	9107712,4780
385	288394,9768	9107711,1050
386	288400,8124	9107709,6880
387	288406,9832	9107708,1800
388	288412,9082	9107706,7240
389	288419,0904	9107705,1800
390	288424,8224	9107703,7480
391	288430,4929	9107702,3610
392	288437,0724	9107700,6480
393	288448,7086	9107697,9040
394	288454,5880	9107696,4660
395	288456,8100	9107695,7730
396	288459,3070	9107694,9950
397	288460,6125	9107699,5980
398	288465,8250	9107720,1930
399	288472,1758	9107742,0180
400	288480,9931	9107772,6670
401	288492,8656	9107813,9370
402	288498,8127	9107833,7850
403	288499,6845	9107833,7740
404	288516,5116	9107837,9660
405	288517,5124	9107838,2150
406	288544,2524	9107828,5550
407	288571,9656	9107818,0250
408	288572,4126	9107817,8560
409	288604,8126	9107810,1010
410	288609,6531	9107808,9190
411	288620,1469	9107807,7210
412	288627,0623	9107805,3670
413	288627,4521	9107807,8170
414	288650,2773	9107802,8730
415	288651,3899	9107806,8050
416	288651,5427	9107807,3450
417	288658,0827	9107805,6950
418	288657,9949	9107805,3280
419	288678,5359	9107798,7500
420	288684,0921	9107823,8320
421	288705,8855	9107817,1760
422	288706,2433	9107818,3190
423	288735,0099	9107809,3360
424	288738,1004	9107823,1310
425	288739,0765	9107828,3150
426	288739,7137	9107828,1590
427	288739,7694	9107828,4080
428	288746,0977	9107856,6550
429	288750,4299	9107875,9930
430	288784,7141	9107868,7940
431	288788,3124	9107884,4580
432	288788,5229	9107884,4920
433	288788,6124	9107884,9680
434	288825,9234	9107890,8520
435	288826,3747	9107890,9230
436	288830,1591	9107889,1290
437	288830,2754	9107895,3250
438	288830,4171	9107900,2270
439	288830,6227	9107907,3410
440	288830,7220	9107915,6770
441	288831,1233	9107918,6600
442	288831,7549	9107923,3510
443	288832,1112	9107925,9980
444	288833,4822	9107936,3160
445	288833,9968	9107940,1890
446	288834,5409	9107943,0870
447	288836,7981	9107949,3660
448	288843,7221	9107947,5330

449	288862,3164	9107940,1780
450	288862,4035	9107940,1350
451	288871,3598	9107964,2630
452	288878,2811	9107961,3540
453	288878,6323	9107961,7720
454	288884,4967	9107958,8750
455	288889,2923	9107956,1120
456	288915,9300	9107944,8530
457	288912,2724	9107936,9620
458	288917,5023	9107934,3020
459	288918,7799	9107936,4300
460	288923,1601	9107934,2690
461	288947,6922	9107922,1620
462	288954,7509	9107920,3140
463	288959,0722	9107927,7720
464	288963,3734	9107925,9320
465	288963,8912	9107926,2770
466	288968,7122	9107923,7520
467	288967,7896	9107921,9090
468	288980,4322	9107916,4620
469	289005,2806	9107901,0090
470	289017,0443	9107890,5530
471	289019,6711	9107889,0270
472	289016,4424	9107881,4080
473	289011,8824	9107871,6480
474	289008,0005	9107872,4700
475	289005,5924	9107865,5280
476	289004,7258	9107863,0290
477	289001,0243	9107863,8560
478	288999,3466	9107857,6530
479	288997,4479	9107850,6340
480	288995,3588	9107842,9100
481	288991,2876	9107827,8570
482	288989,3254	9107820,6020
483	288987,5207	9107813,9290
484	288987,4381	9107813,6240
485	288985,7579	9107807,4120
486	289020,5656	9107793,5350
487	289025,4518	9107791,7150
488	289021,7396	9107778,8680
489	289051,9122	9107770,1020
490	289050,7835	9107766,9380
491	289048,3625	9107762,3380
492	289043,4209	9107752,9490
493	289038,9849	9107744,5200
494	289037,0489	9107736,7980
495	289039,6733	9107735,7930
496	289032,7960	9107716,5140
497	289057,9635	9107705,7330
498	289053,3152	9107694,0390
499	289112,3411	9107677,6680
500	289082,3224	9107649,6080
501	289074,4061	9107640,8600
502	289073,7279	9107607,4330
503	289074,4927	9107557,1040
504	289049,0730	9107567,3600
505	289048,1684	9107567,7250
506	289048,0624	9107567,7680
507	289045,0524	9107559,2780
508	289043,0967	9107552,9510
509	289039,7624	9107540,6580
510	289037,5015	9107534,1980
511	289036,3576	9107528,8700
512	289035,8836	9107526,8620
513	289035,6845	9107526,6560
514	289034,2024	9107526,6080
515	289031,6324	9107517,8380
516	289024,6324	9107490,8880
517	289024,7776	9107490,7740
518	289024,7514	9107490,8880
519	289025,3924	9107490,3670
520	289025,4095	9107490,4540
521	289071,7647	9107470,1340
522	289069,2246	9107455,1060
523	289053,4175	9107461,6390

524	289032,0414	9107420,5480
525	289053,8614	9107386,7180
526	289053,5383	9107386,1150
527	289057,1939	9107379,7260
528	289052,5373	9107372,1060
529	289050,8439	9107373,1640
530	289043,3036	9107361,6140
531	289066,5834	9107351,7110
532	289078,3741	9107346,0450
533	289079,3278	9107242,2790
534	289097,8430	9107234,8640
535	289126,8700	9107223,9110
536	289154,7263	9107214,0550
537	289175,4601	9107208,0390
538	289206,7616	9107197,6400
539	289247,9446	9107187,2030
540	289267,4175	9107181,8550
541	289282,4917	9107177,5860
542	289372,2943	9107152,1560
543	289379,3897	9107150,1470
544	289379,0694	9107148,7920
545	289372,1924	9107123,4480
546	289378,8824	9107121,5080
547	289374,8824	9107104,8280
548	289401,1624	9107104,3780
549	289402,6249	9107104,6390
550	289413,0590	9107106,5040
551	289418,3224	9107106,9780
552	289436,6116	9107110,2520
553	289436,7173	9107108,0630
554	289465,0222	9107110,9180
555	289506,0920	9107119,9550
556	289517,2045	9107120,9080
557	289563,5596	9107127,6810
558	289573,1905	9107150,6470
559	289590,4262	9107191,3300
560	289592,7573	9107196,8330
561	289594,9398	9107203,8360
562	289599,5676	9107204,6410
563	289643,5057	9107213,4100
564	289701,4442	9107224,3210
565	289732,7710	9107242,1010
566	289736,5809	9107222,8390
567	289805,5590	9107199,5560
568	289801,1254	9107198,5110
569	289599,8926	9107196,4070
570	289594,1582	9107186,6200
571	289571,8082	9107132,8080
572	289570,0374	9107130,0630
573	289568,2679	9107127,0010
574	289563,2001	9107122,2840
575	289560,0740	9107120,0130
576	289556,9361	9107118,5740
577	289558,4664	9107079,9900
578	289552,8440	9107070,3990
579	289542,5914	9107045,2630
580	289631,5146	9107010,5720
581	289636,9593	9106979,8910
582	289637,9865	9106972,3110
583	289638,2486	9106968,8270

TABELA 50 – ZEIS 1 NOVO PRADO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	288096,8046	9108393,0760
2	288153,9547	9108381,4350
3	288154,5130	9108383,9160
4	288177,7673	9108377,8630
5	288202,2413	9108370,9840
6	288203,0615	9108376,0110
7	288209,0315	9108374,8530
8	288210,2846	9108380,6940
9	288217,1903	9108379,4500
10	288215,7351	9108372,8360
11	288232,5394	9108369,4780
12	288230,2923	9108354,5760

13	288326,5713	9108338,3610
14	288332,7702	9108326,2690
15	288336,2479	9108317,4180
16	288336,3080	9108317,2650
17	288338,1167	9108312,6610
18	288338,8747	9108307,5540
19	288339,1836	9108306,3860
20	288346,8795	9108308,9660
21	288350,9676	9108314,1920
22	288357,7504	9108315,6840
23	288373,8487	9108314,3610
24	288384,6204	9108314,2400
25	288388,2844	9108316,5630
26	288430,4908	9108318,6430
27	288437,8311	9108318,7650
28	288450,2097	9108318,4010
29	288536,2285	9108298,2770
30	288554,2826	9108289,4270
31	288566,8591	9108279,9330
32	288574,4986	9108274,9320
33	288585,3542	9108264,0840
34	288593,1922	9108252,6090
35	288597,4328	9108246,2840
36	288599,7047	9108239,1590
37	288602,5701	9108220,5380
38	288600,2709	9108198,5270
39	288600,9774	9108183,7110
40	288601,2620	9108180,1220
41	288581,9725	9108188,6230
42	288519,5307	9108252,3870
43	288509,2119	9108261,3830
44	288432,2180	9108306,0980
45	288380,4988	9108300,5830
46	288380,8928	9108295,5540
47	288371,5754	9108294,9850
48	288378,6021	9108235,0290
49	288354,5250	9108230,9310
50	288339,9444	9108288,5770
51	288359,9629	9108208,4860
52	288361,8708	9108200,6110
53	288365,9673	9108183,6480
54	288371,7572	9108159,6730
55	288376,3675	9108137,6800
56	288378,0189	9108131,7060
57	288364,5524	9108137,4550
58	288360,4806	9108139,1930
59	288354,1857	9108142,9320
60	288343,7528	9108141,9780
61	288327,7454	9108140,4700
62	288326,8194	9108148,9630
63	288310,9973	9108146,7400
64	288307,9665	9108158,6430
65	288295,2025	9108156,5460
66	288292,3155	9108171,5670
67	288276,6278	9108169,2030
68	288262,3403	9108165,7110
69	288261,0703	9108176,8230
70	288240,6709	9108176,7440
71	288233,7652	9108176,7440
72	288213,0646	9108189,5190
73	288212,0468	9108186,1140
74	288206,3976	9108170,0550
75	288203,2194	9108161,0210
76	288196,2465	9108141,2920
77	288189,5444	9108122,6900
78	288187,3771	9108116,6750
79	288164,8671	9108124,8540
80	288139,8095	9108133,4460
81	288116,8864	9108141,3070
82	288101,9907	9108146,7890
83	288075,9410	9108156,8190
84	288059,7492	9108163,0540
85	288027,4461	9108174,8830
86	288030,9620	9108181,1930
87	288036,7235	9108194,1010

88	288039,4360	9108200,8310
89	288044,9181	9108214,4330
90	288050,3976	9108241,0770
91	288052,1937	9108247,3630
92	288042,9668	9108250,5270
93	288045,4608	9108258,3470
94	288048,0023	9108266,0570
95	288050,5130	9108273,6740
96	288052,8508	9108280,7670
97	288055,0170	9108287,6730
98	288058,8390	9108299,4100
99	288061,9749	9108309,0410
100	288063,8464	9108314,7880
101	288065,1240	9108318,7120
102	288068,2380	9108328,2750
103	288070,7749	9108336,0630
104	288073,7092	9108344,9990
105	288076,0383	9108352,0580
106	288078,9909	9108361,0070
107	288080,5169	9108365,6490
108	288081,1984	9108367,6600
109	288081,3923	9108367,6260
110	288081,6260	9108367,5860
111	288080,8058	9108368,7820
112	288085,4188	9108382,4960
113	288094,9525	9108383,2870
114	288096,8046	9108393,0760

TABELA 51 – ZEIS 1 PILAR

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	293851,9709	9109026,8490
2	293859,3307	9109026,4110
3	293860,0734	9109027,0840
4	293861,6141	9109027,7370
5	293866,7592	9109029,2450
6	293866,6021	9109029,1640
7	293871,9112	9109030,7480
8	293873,1569	9109031,1200
9	293879,1303	9109032,9030
10	293879,9481	9109033,0740
11	293880,7829	9109033,1070
12	293881,6115	9109033,0000
13	293882,4107	9109032,7560
14	293883,1583	9109032,3830
15	293883,8333	9109031,8910
16	293884,4170	9109031,2930
17	293884,8929	9109030,6070
18	293885,2479	9109029,8510
19	293893,5315	9109007,5210
20	293905,3217	9108968,9950
21	293906,3875	9108964,5880
22	293906,9209	9108960,0860
23	293920,3748	9108958,9170
24	293951,0723	9108954,6240
25	293957,2722	9108953,7570
26	293957,4340	9108938,4800
27	293957,0833	9108919,8490
28	293956,3701	9108898,9900
29	293956,3116	9108895,3680
30	293955,8704	9108889,8940
31	293947,9624	9108889,1000
32	293917,7149	9108895,2300
33	293911,7920	9108896,0580
34	293901,5970	9108886,0530
35	293894,9034	9108827,0390
36	293894,7437	9108826,2310
37	293894,4535	9108825,4610
38	293894,0409	9108824,7480
39	293893,5170	9108824,1130
40	293892,8961	9108823,5730
41	293892,1948	9108823,1420
42	293891,4323	9108822,8310
43	293890,6293	9108822,6500
44	293889,8074	9108822,6040
45	293888,9890	9108822,6920

46	293848,7215	9108830,4530
47	293848,0871	9108830,6310
48	293847,4905	9108830,9100
49	293846,9478	9108831,2840
50	293846,4737	9108831,7410
51	293846,0811	9108832,2700
52	293845,7806	9108832,8560
53	293845,5805	9108833,4840
54	293845,4861	9108834,1360
55	293845,5000	9108834,7950
56	293832,9506	9108836,4650
57	293802,1227	9108841,2530
58	293785,8732	9108844,7010
59	293768,0818	9108847,9420
60	293758,0161	9108849,6300
61	293757,4930	9108849,7640
62	293757,0006	9108849,9860
63	293756,5534	9108850,2890
64	293756,1645	9108850,6640
65	293755,8454	9108851,1000
66	293755,6054	9108851,5840
67	293755,4516	9108852,1020
68	293755,3886	9108852,6380
69	293755,4182	9108853,1780
70	293761,1360	9108893,5740
71	293761,8958	9108898,9420
72	293764,3716	9108915,6920
73	293763,8053	9108915,7950
74	293763,1434	9108916,3030
75	293762,8223	9108916,9110
76	293762,4484	9108918,1530
77	293762,5054	9108920,6410
78	293763,0657	9108924,4990
79	293769,0354	9108974,2490
80	293772,8385	9108997,0800
81	293773,2560	9109000,0000
82	293775,5683	9109016,1730
83	293778,4008	9109034,4610
84	293778,6655	9109035,0240
85	293779,1265	9109035,3920
86	293779,8329	9109035,5430
87	293785,0954	9109035,0390
88	293791,3837	9109034,5310
89	293799,4049	9109033,5370
90	293808,7364	9109032,3510
91	293832,7816	9109029,0580
92	293848,7019	9109027,3730
93	293851,9709	9109026,8490

TABELA 52 – ZEIS 1 PLANETA DOS MACACOS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	284954,2542	9106646,6430
2	284956,6781	9106645,3470
3	284962,2586	9106647,7140
4	284964,1752	9106647,7140
5	284966,7118	9106644,7260
6	284974,3781	9106641,4570
7	284976,9711	9106637,3420
8	284980,1277	9106634,1850
9	284983,2844	9106634,1290
10	284988,3013	9106636,4970
11	284994,2201	9106634,9750
12	285004,3666	9106632,7200
13	285009,5526	9106630,8600
14	285011,7510	9106628,4360
15	285013,6112	9106621,7280
16	285014,6258	9106615,4140
17	285014,7705	9106614,5000
18	285017,2052	9106612,4960
19	285020,4463	9106612,6810
20	285027,1393	9106616,0910
21	285028,8873	9106617,4440
22	285032,8331	9106619,1910
23	285039,6538	9106619,3600

24	285047,9965	9106621,4460
25	285054,9299	9106622,9680
26	285060,2287	9106625,6740
27	285068,4022	9106628,0410
28	285076,2939	9106628,8870
29	285086,2149	9106630,8030
30	285096,6996	9106632,1000
31	285109,2700	9106635,5950
32	285116,0907	9106635,9890
33	285125,1098	9106639,2020
34	285131,0850	9106641,3440
35	285137,0038	9106640,6680
36	285144,9518	9106640,0480
37	285150,7579	9106639,7660
38	285154,4783	9106641,0620
39	285158,9315	9106643,9940
40	285163,2155	9106645,9670
41	285166,5413	9106650,9830
42	285169,7544	9106652,9560
43	285174,3203	9106653,8020
44	285180,0136	9106653,7460
45	285184,4668	9106653,8020
46	285189,3709	9106655,4930
47	285197,3754	9106659,7770
48	285204,2525	9106662,3140
49	285213,0461	9106663,6670
50	285222,1215	9106662,8210
51	285225,1039	9106657,0490
52	285228,2787	9106654,3050
53	285230,4410	9106652,4360
54	285238,7632	9106649,4510
55	285252,7077	9106647,1590
56	285257,6883	9106646,0060
57	285265,6491	9106645,8570
58	285265,4868	9106643,9390
59	285263,9616	9106625,9050
60	285263,5924	9106621,5410
61	285205,4383	9106624,8810
62	285183,8539	9106620,9410
63	285095,4126	9106575,6450
64	285080,6453	9106569,8240
65	285071,9136	9106570,5230
66	285067,1529	9106557,8890
67	285000,2096	9106400,6500
68	284972,7058	9106354,4640
69	284970,1111	9106343,5670
70	284936,3801	9106282,8510
71	284906,2815	9106219,0210
72	284870,2441	9106150,8100
73	284868,6202	9106149,1070
74	284840,3988	9106116,9630
75	284833,4969	9106110,4400
76	284816,8623	9106092,1980
77	284735,6780	9106006,5830
78	284740,2291	9105929,9320
79	284743,1036	9105897,3550
80	284747,3544	9105845,1860
81	284702,9077	9105782,1930
82	284702,9037	9105782,1960
83	284699,7476	9105779,0250
84	284653,9964	9105810,4040
85	284556,7449	9105875,3180
86	284510,7541	9105906,4570
87	284435,5400	9105956,2810
88	284404,6399	9105975,6830
89	284333,9769	9106024,7880
90	284350,5048	9106062,8740
91	284343,5583	9106073,4140
92	284321,1708	9106115,2770
93	284329,6902	9106120,2220
94	284451,5280	9106190,3490
95	284545,0314	9106249,8510
96	284596,4707	9106284,1330
97	284612,1000	9106293,4610
98	284622,5313	9106299,6870

99	284867,6213	9106445,9650
100	284876,3754	9106451,1900
101	284884,7683	9106456,1990
102	284900,4338	9106465,5490
103	284900,4408	9106466,7640
104	284901,3651	9106628,1510
105	284901,9890	9106737,0800
106	284902,5858	9106841,2880
107	284874,5961	9106891,4240
108	284855,6478	9106929,5100
109	284825,7047	9106988,2820
110	284808,8771	9107017,4830
111	284796,0090	9107045,0750
112	284778,4390	9107076,8740
113	284769,2829	9107095,9290
114	284765,6946	9107107,3130
115	284744,4127	9107143,9370
116	284735,5040	9107162,3730
117	284719,9217	9107193,7710
118	284738,5973	9107201,7200
119	284751,4655	9107171,2820
120	284767,7231	9107137,6750
121	284781,9035	9107115,8500
122	284795,1472	9107087,4610
123	284816,3488	9107048,6400
124	284828,0556	9107024,0410
125	284847,7290	9106987,0450
126	284859,3598	9106985,3920
127	284880,6417	9106922,2090
128	284891,1589	9106900,6800
129	284916,5240	9106851,3110
130	284918,8749	9106840,0510
131	284921,3496	9106827,3070
132	284922,0920	9106806,2730
133	284921,7638	9106796,1810
134	284920,6072	9106760,6150
135	284919,8648	9106711,7410
136	284919,9885	9106668,4350
137	284920,0380	9106666,5980
138	284933,7357	9106665,1890
139	284941,2329	9106663,3850
140	284945,3478	9106660,7920
141	284947,1374	9106658,9040
142	284949,4628	9106656,4510
143	284951,5485	9106650,9270
144	284954,2542	9106646,6430

TABELA 53 – ZEIS 1 POÇO DA PANELA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287763,4270	9111069,4860
2	287767,7000	9111064,6830
3	287787,9790	9111082,3970
4	287788,9470	9111081,3600
5	287795,8220	9111075,2380
6	287800,1320	9111069,9480
7	287805,2520	9111062,9380
8	287812,4140	9111054,0950
9	287827,4400	9111070,9400
10	287830,0180	9111073,8290
11	287833,0840	9111071,1120
12	287830,2470	9111067,9500
13	287814,9840	9111050,9320
14	287820,5810	9111046,2530
15	287829,4190	9111056,7360
16	287835,3080	9111063,8370
17	287838,1300	9111061,3810
18	287843,2090	9111057,4380
19	287842,1490	9111055,9410
20	287844,1750	9111054,1660
21	287843,8860	9111053,6340
22	287840,2740	9111049,9220
23	287840,4320	9111049,8230
24	287842,5250	9111048,5490
25	287841,7770	9111047,3430
26	287843,9920	9111045,5980

27	287842,1760	9111042,8170
28	287849,4250	9111035,9870
29	287854,1480	9111032,1130
30	287854,9230	9111031,4780
31	287834,9980	9111009,5370
32	287935,0840	9110932,1170
33	287942,3220	9110926,5180
34	287965,6290	9110907,1950
35	287994,9260	9110884,7700
36	287963,1660	9110834,4650
37	287950,3290	9110845,6260
38	287955,2680	9110854,6010
39	287912,1320	9110883,8970
40	287873,5070	9110826,6700
41	287871,4240	9110827,8160
42	287866,4780	9110830,5360
43	287824,9490	9110853,3780
44	287784,3670	9110884,9410
45	287774,9420	9110892,2720
46	287745,3370	9110931,1090
47	287708,0040	9110992,5000
48	287691,8620	9111069,8080
49	287689,2160	9111139,9230
50	287691,0590	9111199,1880
51	287691,3280	9111210,8060
52	287729,6120	9111216,9440
53	287744,1150	9111219,7800
54	287745,0700	9111213,6380
55	287748,0820	9111195,5180
56	287751,9720	9111177,6380
57	287755,6920	9111173,7340
58	287769,5280	9111159,1030
59	287771,2220	9111157,3080
60	287777,9320	9111149,9460
61	287781,3470	9111145,3540
62	287749,6640	9111121,4620
63	287746,5420	9111119,1080
64	287763,4450	9111103,1110
65	287748,4640	9111087,4690
66	287751,8870	9111083,4090
67	287763,4270	9111069,4860

TABELA 54 – ZEIS 1 PRADO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	288221,9580	9109290,8150
2	288341,6851	9109215,1540
3	288371,7820	9109210,1930
4	288323,5961	9109124,4270
5	288523,7270	9109030,9190
6	288484,0190	9108934,5660
7	288485,6900	9108934,0810
8	288499,2910	9108930,1340
9	288494,4980	9108912,5380
10	288490,9430	9108899,3960
11	288486,6110	9108883,0280
12	288482,2330	9108866,4820
13	288476,9020	9108845,1890
14	288476,2672	9108842,6290
15	288471,2730	9108824,3670
16	288464,5383	9108800,4010
17	288458,7600	9108779,5320
18	288456,8283	9108772,5570
19	288452,3635	9108755,5890
20	288446,3210	9108732,6250
21	288439,2240	9108706,3510
22	288432,5660	9108681,7060
23	288431,5650	9108677,9970
24	288428,6090	9108667,0550
25	288428,3941	9108666,2600
26	288450,4149	9108660,6350
27	288490,5150	9108650,4690
28	288444,1110	9108487,8260
29	288423,7890	9108494,0220
30	288404,4880	9108499,2930
31	288416,2040	9108538,2840

32	288422,6301	9108560,3980
33	288413,4645	9108565,0010
34	288355,3380	9108581,7970
35	288365,9449	9108620,8460
36	288382,3279	9108672,4080
37	288383,9000	9108677,3540
38	288372,6541	9108680,0300
39	288349,8379	9108685,8330
40	288313,5870	9108695,2490
41	288311,0150	9108685,9020
42	288308,5625	9108678,2210
43	288307,2700	9108673,7510
44	288306,6590	9108673,6540
45	288298,5460	9108675,7990
46	288278,9420	9108680,9820
47	288275,0510	9108682,0100
48	288249,9300	9108688,6510
49	288244,5326	9108668,8870
50	288240,2715	9108669,8460
51	288235,0076	9108671,0300
52	288239,8495	9108690,9530
53	288221,4610	9108695,7540
54	288219,2760	9108696,3240
55	288195,0555	9108702,6480
56	288199,5943	9108720,6950
57	288188,1610	9108724,5090
58	288169,1289	9108730,8580
59	288155,9210	9108735,2650
60	288152,9188	9108736,1560
61	288150,8021	9108736,7840
62	288146,4630	9108738,0720
63	288135,6841	9108741,2710
64	288120,3220	9108745,8300
65	288114,3950	9108747,5890
66	288098,7575	9108752,2310
67	288096,9477	9108752,7680
68	288096,7873	9108752,8160
69	288064,9790	9108762,2560
70	288065,9230	9108765,4660
71	288066,7280	9108768,2890
72	288068,5310	9108774,4350
73	288073,2360	9108790,4780
74	288077,2140	9108803,9640
75	288087,1320	9108837,0110
76	288089,9590	9108846,2450
77	288125,0360	9108961,5770
78	288142,8940	9109025,4290
79	288133,0193	9109027,9560
80	288131,2498	9109028,4090
81	288049,0213	9109049,4500
82	288048,9890	9109049,4580
83	288016,1606	9109059,3070
84	288001,2757	9109063,7720
85	287972,9210	9109072,2790
86	288072,4710	9109253,5190
87	288135,2490	9109218,1500
88	288137,2390	9109219,8530
89	288151,8462	9109227,0600
90	288155,4000	9109232,3820
91	288202,5890	9109303,0550
92	288221,9580	9109290,8150

TABELA 55 – ZEIS 1 ROSA SELVAGEM

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	281741,0856	9111916,0010
2	281777,2615	9111899,8720
3	281876,8066	9111931,1120
4	281957,6951	9111931,5850
5	281986,4695	9111931,5990
6	281986,6528	9111931,5990
7	281995,6072	9111931,1490
8	282006,0058	9111930,6210
9	282010,6131	9111929,6650
10	282022,1837	9111928,8670
11	282022,9618	9111928,8140

12	282028,0188	9111928,4650
13	282035,8518	9111927,9240
14	282051,1048	9111927,7870
15	282068,6037	9111928,3370
16	282081,5268	9111928,8420
17	282087,5697	9111929,7710
18	282097,0428	9111934,7680
19	282099,9756	9111938,2200
20	282115,4949	9111952,3580
21	282122,5492	9111957,9790
22	282131,3021	9111963,6680
23	282138,7965	9111967,8780
24	282154,0844	9111975,7600
25	282175,8926	9111977,1520
26	282194,7429	9111978,3550
27	282204,3728	9111978,9700
28	282211,5678	9111978,8020
29	282217,2261	9111977,5310
30	282233,6470	9111968,9670
31	282248,4325	9111952,9430
32	282262,0303	9111927,1350
33	282273,6807	9111905,0340
34	282291,9087	9111886,2060
35	282311,0307	9111876,3430
36	282312,9950	9111875,8050
37	282317,3634	9111873,5810
38	282323,7206	9111872,0690
39	282334,7269	9111869,4520
40	282342,5490	9111868,8300
41	282347,3014	9111868,8240
42	282354,1340	9111868,8170
43	282360,2156	9111870,2430
44	282365,4754	9111873,2750
45	282380,4461	9111886,0060
46	282384,8791	9111891,2780
47	282390,4321	9111895,8510
48	282396,0231	9111902,5150
49	282406,9926	9111915,2580
50	282418,9197	9111925,9560
51	282427,8651	9111933,9550
52	282429,8515	9111934,2710
53	282430,1737	9111934,6610
54	282438,9146	9111921,2920
55	282447,2125	9111906,0380
56	282448,7897	9111900,5240
57	282450,8924	9111896,3230
58	282454,8351	9111887,3960
59	282456,9438	9111881,8470
60	282459,8060	9111870,8950
61	282462,7367	9111856,5750
62	282466,9467	9111837,5510
63	282467,6074	9111833,4270
64	282468,4476	9111828,1820
65	282470,9288	9111817,9030
66	282475,0251	9111802,2430
67	282479,0533	9111785,7990
68	282482,8791	9111769,1400
69	282487,3459	9111749,8720
70	282488,8252	9111741,7070
71	282498,9177	9111694,8900
72	282510,2688	9111643,2970
73	282512,7622	9111630,9790
74	282517,2887	9111607,7960
75	282522,9081	9111580,6750
76	282527,6588	9111559,6610
77	282534,5142	9111527,2800
78	282535,3706	9111522,9630
79	282540,9233	9111494,9770
80	282544,2364	9111480,2510
81	282545,8011	9111474,3630
82	282552,3479	9111439,9140
83	282554,4646	9111428,3750
84	282549,3326	9111427,4150
85	282528,1768	9111423,4110
86	282511,9913	9111419,9700

87	282491,2302	9111415,5970
88	282467,3913	9111411,1430
89	282449,7509	9111407,5270
90	282434,1995	9111405,7280
91	282425,3990	9111405,1970
92	282421,9450	9111404,5790
93	282418,0644	9111404,5120
94	282366,5669	9111394,0160
95	282366,1976	9111393,6630
96	282360,9194	9111390,9500
97	282358,8555	9111389,8890
98	282352,5488	9111381,8100
99	282329,9773	9111376,4530
100	282306,5679	9111372,8550
101	282265,7123	9111367,4820
102	282251,5968	9111365,0610
103	282216,6484	9111358,6250
104	282201,2969	9111355,9000
105	282163,2883	9111349,5460
106	282130,3708	9111343,3640
107	282100,0620	9111335,4510
108	282023,7179	9111317,1930
109	282018,2310	9111315,9630
110	281973,9609	9111315,9050
111	281956,9367	9111315,8000
112	281925,9604	9111315,5800
113	281902,7515	9111315,8410
114	281885,8498	9111317,3090
115	281865,6544	9111320,5890
116	281865,0411	9111320,6880
117	281845,2501	9111326,1450
118	281843,1377	9111326,7280
119	281824,3189	9111333,6300
120	281812,0079	9111338,3350
121	281786,4251	9111349,2020
122	281765,2279	9111359,3730
123	281751,9573	9111366,3800
124	281740,2952	9111374,1710
125	281723,9114	9111388,6630
126	281709,9606	9111401,1110
127	281702,6499	9111405,1540
128	281694,7204	9111410,1450
129	281685,7544	9111420,0910
130	281669,5801	9111439,3360
131	281666,5090	9111442,4770
132	281659,4235	9111450,0320
133	281654,2935	9111457,1690
134	281651,6441	9111460,8560
135	281650,7657	9111462,0780
136	281648,9327	9111464,6280
137	281640,3160	9111459,0160
138	281605,3390	9111436,2360
139	281592,3184	9111427,7560
140	281564,2840	9111409,4980
141	281560,6982	9111406,9020
142	281558,6226	9111405,4000
143	281567,7816	9111450,9870
144	281647,1539	9111944,9820
145	281666,3296	9111998,1600
146	281692,8970	9111958,4230
147	281741,0856	9111916,0010
TABELA 56 – ZEIS 1 ROSARINHO		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291059,9503	9112021,4900
2	291052,6567	9112021,2070
3	291052,6987	9112020,1270
4	291045,8219	9112019,2160
5	291040,3082	9112018,1880
6	291035,5482	9112017,0010
7	291030,0906	9112014,9690
8	291029,9250	9112014,8930
9	291033,9126	9112004,8830
10	291034,6750	9112002,7700
11	291037,6016	9111986,2210

12	291023,1058	9111985,0560
13	291024,3285	9111973,1720
14	291020,5412	9111972,8640
15	291019,1836	9111972,7530
16	291017,6806	9111970,3180
17	291015,6652	9111967,0530
18	291014,2026	9111969,6350
19	291011,8125	9111969,1650
20	291007,2705	9111966,5480
21	291001,0622	9111963,6580
22	291000,0000	9111963,1640
23	290997,2533	9111961,8880
24	290990,3735	9111958,6910
25	290989,2555	9111958,1710
26	290981,9966	9111954,7980
27	290982,0311	9111952,5040
28	290982,3506	9111931,2620
29	290971,9227	9111931,2130
30	290968,7739	9111919,5970
31	290967,7595	9111919,5930
32	290967,6918	9111915,4190
33	290967,6876	9111915,1590
34	290967,5955	9111909,4780
35	290967,5945	9111909,4210
36	290967,3459	9111894,0900
37	290967,3031	9111891,4540
38	290959,8911	9111891,3190
39	290959,5121	9111891,3130
40	290952,5227	9111891,1860
41	290946,9103	9111891,0840
42	290946,9079	9111890,7290
43	290943,4384	9111890,5090
44	290933,7559	9111889,8950
45	290933,7603	9111890,2140
46	290929,7948	9111889,8070
47	290929,7784	9111889,8050
48	290918,3419	9111888,6290
49	290918,2476	9111889,0940
50	290917,6535	9111888,5580
51	290917,1836	9111888,5100
52	290917,1850	9111888,5310
53	290916,9246	9111888,5090
54	290915,4619	9111887,1680
55	290914,9159	9111885,5670
56	290914,7848	9111885,1820
57	290914,6380	9111885,2220
58	290914,3136	9111885,3110
59	290912,8764	9111883,1930
60	290912,2142	9111881,8980
61	290912,2012	9111881,8730
62	290909,3329	9111876,2650
63	290908,8319	9111873,8570
64	290908,4988	9111872,2570
65	290908,4821	9111872,1760
66	290907,1863	9111865,9490
67	290907,1773	9111865,9060
68	290906,7500	9111863,8530
69	290906,0393	9111855,3980
70	290905,7561	9111852,3360
71	290884,5221	9111852,6320
72	290883,6168	9111852,4270
73	290882,6085	9111851,8990
74	290881,4955	9111851,0950
75	290880,9184	9111850,5990
76	290880,5583	9111850,0710
77	290871,9613	9111831,1880
78	290866,9671	9111820,2180
79	290860,8980	9111806,8870
80	290859,6613	9111804,1700
81	290857,1631	9111805,8530
82	290855,0168	9111806,9670
83	290853,1877	9111807,9160
84	290849,1526	9111811,8340
85	290824,7568	9111828,2310
86	290805,9359	9111840,1890

87	290813,1197	9111849,9020
88	290827,2544	9111871,1050
89	290830,3643	9111875,4240
90	290836,6932	9111884,3180
91	290842,2263	9111892,0940
92	290842,4283	9111892,3780
93	290865,9126	9111925,3820
94	290873,4997	9111936,0440
95	290880,2040	9111945,4660
96	290896,2457	9111968,0110
97	290896,5937	9111968,5000
98	290901,4119	9111975,2710
99	290902,7668	9111977,1750
100	290905,6811	9111981,2710
101	290905,9184	9111981,6040
102	290909,1264	9111986,1130
103	290910,7473	9111988,3910
104	290911,3390	9111989,2750
105	290914,1402	9111993,0620
106	290917,0884	9111997,0490
107	290923,4763	9112004,3070
108	290927,6353	9112008,2930
109	290930,4568	9112010,9970
110	290937,9795	9112017,0710
111	290942,9007	9112020,5140
112	290950,0416	9112024,9540
113	290960,5633	9112031,1180
114	290960,6829	9112031,1880
115	290968,3803	9112035,6970
116	290982,4979	9112043,2640
117	290987,1123	9112045,7380
118	291006,2108	9112055,0630
119	291011,0977	9112057,2240
120	291025,6485	9112063,6580
121	291045,3976	9112071,5120
122	291049,8097	9112073,1370
123	291050,3505	9112073,3360
124	291052,4464	9112074,1080
125	291053,4042	9112074,4310
126	291054,8119	9112074,8920
127	291059,1470	9112076,3130
128	291063,2370	9112077,6010
129	291063,6413	9112077,7190
130	291084,2764	9112083,4440
131	291093,7063	9112085,8100
132	291116,4455	9112090,4630
133	291155,2407	9112095,3400
134	291195,8808	9112099,1500
135	291242,5534	9112103,0390
136	291251,9786	9112103,5890
137	291255,7767	9112089,7690
138	291258,5284	9112077,1740
139	291259,1634	9112071,7240
140	291254,6725	9112070,7280
141	291235,7225	9112064,6580
142	291232,8579	9112063,7200
143	291230,1324	9112062,8280
144	291230,4924	9112061,4280
145	291231,3024	9112052,9580
146	291234,5624	9112053,2380
147	291234,7866	9112051,2510
148	291235,0107	9112049,2650
149	291235,9979	9112040,5160
150	291236,0045	9112040,4580
151	291236,0824	9112039,7680
152	291236,2612	9112038,8770
153	291236,6249	9112037,0220
154	291236,7304	9112034,6740
155	291236,7419	9112034,4180
156	291236,7433	9112034,3870
157	291236,8360	9112032,3250
158	291230,6670	9112029,1150
159	291230,5775	9112029,0690
160	291221,4956	9112024,3430
161	291211,9724	9112019,3880

162	291211,5230	9112005,1890
163	291211,4624	9112002,9680
164	291211,1224	9111998,1780
165	291211,0844	9111990,7180
166	291211,0817	9111990,1960
167	291211,0792	9111989,6980
168	291211,0286	9111979,7900
169	291211,0285	9111979,7810
170	291211,0161	9111977,3420
171	291211,0093	9111977,3410
172	291208,9096	9111977,4150
173	291203,2394	9111977,3970
174	291194,0027	9111977,2870
175	291193,9704	9111979,5270
176	291193,9135	9111983,4720
177	291193,9198	9111988,6630
178	291193,9235	9111991,7400
179	291193,8824	9112002,8780
180	291193,8824	9112018,1890
181	291193,8824	9112031,9150
182	291193,8824	9112032,6480
183	291193,9324	9112053,4580
184	291193,5024	9112081,2580
185	291190,0175	9112079,7830
186	291178,3482	9112074,8460
187	291174,7704	9112073,3320
188	291158,6254	9112066,5620
189	291144,8024	9112060,7380
190	291134,5634	9112059,3650
191	291135,3026	9112055,3760
192	291134,8260	9112052,1980
193	291094,6485	9112037,0780
194	291095,2497	9112032,1590
195	291084,2814	9112031,6500
196	291072,9043	9112026,6230
197	291064,0407	9112024,2420
198	291059,9503	9112021,4900
199	291251,9667	9112103,6330
200	291252,0784	9112103,5950
201	291251,9766	9112103,5890
202	291251,9667	9112103,6330

32	287636,9561	9105436,7740
33	287646,0845	9105421,4830
34	287647,8502	9105417,1850
35	287632,7615	9105404,0630
36	287629,5347	9105400,4920
37	287633,5701	9105397,4060
38	287639,7449	9105391,7440
39	287662,1678	9105380,4460
40	287665,1230	9105372,2600
41	287671,4113	9105366,0970
42	287684,3463	9105349,7880
43	287686,8111	9105352,8290
44	287686,8818	9105352,7430
45	287698,4416	9105365,4690
46	287703,6056	9105371,1540
47	287708,1597	9105363,1900
48	287713,1000	9105360,5580
49	287713,1044	9105358,6330
50	287713,6995	9105358,3860
51	287718,6911	9105357,1880
52	287723,8090	9105356,7850
53	287724,6212	9105356,7950
54	287741,9187	9105353,5270
55	287743,2041	9105348,7430
56	287750,8940	9105320,1240
57	287755,1214	9105306,1080
58	287755,2602	9105303,9020
59	287755,0843	9105302,2850
60	287754,8487	9105300,1180
61	287754,4489	9105298,6200
62	287753,3767	9105294,7430
63	287750,8700	9105287,2440
64	287748,6364	9105281,4820
65	287754,4829	9105277,0760
66	287763,6753	9105264,1390
67	287773,3784	9105244,2220
68	287780,8685	9105235,7110
69	287793,9761	9105230,7740
70	287806,7433	9105225,6670
71	287820,5319	9105215,1130
72	287826,3197	9105210,0060
73	287842,8319	9105199,9620
74	287853,5563	9105188,0460
75	287869,1063	9105176,7210
76	287879,9419	9105151,1070
77	287892,8793	9105134,4240
78	287897,9862	9105125,2320
79	287913,8175	9105116,5500
80	287926,0740	9105111,4430
81	287946,6210	9105100,4520
82	287956,4184	9105160,0660
83	288085,6817	9105139,4750
84	288098,8074	9105141,1040
85	288113,6487	9105136,4760
86	288116,9381	9105148,9410
87	288157,5782	9105144,8130
88	288154,8505	9105118,7640
89	288198,8201	9105093,8750
90	288197,5457	9105070,3840
91	288207,7630	9105051,0390
92	288202,5359	9105042,7700
93	288196,0191	9105038,4940
94	288192,2932	9105024,0520
95	288179,1202	9105027,2920
96	288164,1712	9105017,1050
97	288062,7389	9105034,0990
98	288070,2582	9105028,5420
99	288076,5566	9105025,3070
100	288084,0467	9105018,4980
101	288091,5368	9105014,4130
102	288103,9732	9105002,6880
103	288108,7888	9104999,2890
104	288113,7202	9104997,2390
105	288120,1476	9104993,6920
106	288124,4658	9104993,1970

TABELA 67 – ZEIS 1 RUA DO RIO / IRAQUE		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287488,7397	9105616,1900
2	287511,7703	9105595,9390
3	287513,0277	9105594,8000
4	287513,3248	9105594,5310
5	287509,5406	9105590,1190
6	287503,1633	9105582,6850
7	287501,8622	9105581,3910
8	287488,2371	9105567,8330
9	287484,3132	9105563,9290
10	287481,5363	9105567,0880
11	287476,6529	9105571,2060
12	287458,0766	9105542,5750
13	287468,8968	9105530,7980
14	287496,5697	9105495,9430
15	287501,2822	9105500,3900
16	287533,9550	9105531,2210
17	287535,8341	9105533,0520
18	287553,8305	9105506,8590
19	287558,6005	9105511,0800
20	287562,3051	9105506,4440
21	287580,4974	9105479,4470
22	287569,7432	9105471,2360
23	287534,2063	9105445,4330
24	287555,5341	9105420,7150
25	287575,4018	9105396,7470
26	287592,6957	9105411,0720
27	287612,8337	9105427,7530
28	287618,2982	9105432,4450
29	287623,8513	9105437,0290
30	287632,5543	9105443,7680
31	287634,2282	9105444,4480

107	288128,9023	9104997,1830
108	288131,5619	9104997,4600
109	288139,7071	9104996,9060
110	288147,4089	9104996,4070
111	288151,6200	9104994,8560
112	288155,5541	9104994,0250
113	288158,7678	9104993,3600
114	288163,6992	9104993,9690
115	288166,3035	9104993,6370
116	288171,0687	9104994,9670
117	288175,4460	9104994,4680
118	288181,8734	9104996,7950
119	288186,6940	9104997,5710
120	288189,0064	9104997,8570
121	288192,5120	9104998,2910
122	288199,9922	9105002,7240
123	288203,5384	9105005,9380
124	288210,1321	9105007,7660
125	288215,9395	9105006,7020
126	288223,3749	9105002,1700
127	288228,3063	9104997,2940
128	288234,4567	9104991,1440
129	288240,9950	9104988,6500
130	288247,7549	9104986,3230
131	288251,6890	9104983,7740
132	288258,5597	9104983,8850
133	288265,6521	9104981,1700
134	288273,5202	9104977,2360
135	288282,5519	9104973,5790
136	288292,0268	9104969,0910
137	288303,7182	9104962,3310
138	288311,9741	9104959,9480
139	288321,0612	9104958,1200
140	288329,2564	9104957,5630
141	288332,4755	9104957,3440
142	288345,4413	9104953,9090
143	288352,6999	9104949,5310
144	288357,2578	9104945,4200
145	288361,1775	9104941,8850
146	288367,3754	9104927,7950
147	288367,1992	9104927,4080
148	288282,3387	9104740,3080
149	288155,9408	9104805,3750
150	288157,6715	9104810,6290
151	288167,5296	9104833,3030
152	288182,2684	9104867,2030
153	288195,2638	9104897,0930
154	288152,1149	9104918,1390
155	288041,8638	9104970,6610
156	287922,2396	9105023,8340
157	287889,8181	9105013,9660
158	287874,9512	9105000,1020
159	287859,3357	9104985,5870
160	287855,3715	9104981,9030
161	287826,3024	9105054,8480
162	287798,3850	9105126,1990
163	287770,5422	9105181,4030
164	287757,0867	9105200,8500
165	287727,3341	9105270,8500
166	287723,2170	9105279,2770
167	287711,6051	9105264,5510
168	287706,2161	9105257,7160
169	287680,3287	9105321,0300
170	287674,7570	9105334,6570
171	287546,8141	9105187,7110
172	287542,3390	9105182,5310
173	287483,8041	9105214,7450
174	287499,5687	9105251,3190
175	287365,1628	9105311,5830
176	287363,9281	9105317,0460
177	287347,5732	9105404,7890
178	287333,8874	9105450,2720
179	287317,1280	9105485,6200
180	287346,7073	9105505,6800
181	287335,7651	9105528,9750

182	287360,5931	9105543,7420
183	287364,0539	9105562,6290
184	287411,0039	9105582,3280
185	287412,4020	9105592,6550
186	287435,1914	9105613,4330
187	287437,9683	9105607,4010
188	287474,4505	9105628,7540
189	287488,7397	9105616,1900
TABELA 58 – ZEIS 1 SANTA LUZIA		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289327,7072	9110441,7830
2	289326,2299	9110437,5720
3	289314,0711	9110402,9190
4	289313,9899	9110402,6880
5	289313,9403	9110402,5530
6	289313,7263	9110401,9730
7	289313,1983	9110400,9130
8	289311,7775	9110398,0600
9	289309,1429	9110394,5710
10	289308,3784	9110393,7710
11	289314,2511	9110375,0580
12	289311,2104	9110372,1470
13	289267,6825	9110330,4740
14	289231,2370	9110378,8480
15	289224,5909	9110373,9460
16	289203,1726	9110360,5370
17	289187,6625	9110350,8270
18	289151,5361	9110329,5500
19	289152,6167	9110327,7330
20	289158,4687	9110317,8940
21	289161,8436	9110311,9570
22	289168,1503	9110300,8630
23	289170,8100	9110296,1840
24	289176,1895	9110286,7210
25	289163,9574	9110282,2890
26	289129,0922	9110264,2810
27	289129,1917	9110254,1700
28	289129,6011	9110242,7130
29	289129,3219	9110225,1480
30	289129,6757	9110197,5510
31	289129,6768	9110197,3690
32	289129,4616	9110194,9080
33	289128,8222	9110192,5220
34	289127,7783	9110190,2840
35	289126,3614	9110188,2600
36	289124,6147	9110186,5130
37	289124,6030	9110186,5030
38	289107,9143	9110178,7570
39	289116,8644	9110160,3360
40	289145,4089	9110109,6230
41	289125,7504	9110094,4760
42	289107,1132	9110078,5220
43	289075,3422	9110051,3480
44	289065,9359	9110045,0550
45	289028,7125	9110080,1850
46	288883,1575	9110005,9950
47	288874,9554	9109995,0150
48	288777,8531	9109996,3380
49	288749,4986	9109996,6240
50	288733,6496	9109998,3980
51	288730,5808	9109998,7410
52	288730,6309	9109994,1360
53	288730,6602	9109991,4390
54	288728,7226	9109991,4420
55	288718,6083	9109994,9110
56	288707,6714	9109998,6620
57	288708,0982	9109999,8760
58	288711,1111	9110008,4470
59	288719,3950	9110032,0120
60	288720,6267	9110035,1800
61	288723,2210	9110041,8520
62	288725,9968	9110048,9910
63	288721,2865	9110050,8690
64	288694,4097	9110060,2440

65	288686,1570	9110063,1840
66	288679,4577	9110065,5700
67	288667,2359	9110069,9240
68	288662,8886	9110071,4730
69	288653,7867	9110074,5880
70	288651,0726	9110075,5170
71	288633,1649	9110081,6450
72	288614,3749	9110088,0750
73	288595,6547	9110094,4820
74	288579,7341	9110098,6730
75	288579,0551	9110101,7780
76	288577,7358	9110106,6510
77	288577,7257	9110106,6840
78	288571,3722	9110138,9560
79	288566,6678	9110151,7650
80	288566,1061	9110153,2950
81	288564,7259	9110157,0520
82	288564,3417	9110158,3350
83	288561,5119	9110166,1100
84	288557,9220	9110173,5640
85	288553,6078	9110180,6240
86	288551,5953	9110183,4470
87	288548,8420	9110186,9440
88	288538,1955	9110199,7440
89	288518,5913	9110223,3140
90	288482,7891	9110266,0070
91	288480,9825	9110268,1610
92	288477,0272	9110272,8780
93	288462,1568	9110290,6110
94	288412,9072	9110348,0440
95	288409,6188	9110352,2230
96	288404,9793	9110358,1190
97	288388,5673	9110341,8240
98	288364,0140	9110371,2450
99	288356,3940	9110383,3100
100	288337,7669	9110420,8580
101	288300,9953	9110437,5420
102	288286,9672	9110436,4390
103	288327,0807	9110499,6100
104	288340,7306	9110521,1050
105	288364,6517	9110564,9160
106	288422,8787	9110522,5810
107	288476,6488	9110488,9980
108	288500,6778	9110475,9530
109	288521,5385	9110466,0260
110	288543,0180	9110458,6080
111	288587,8867	9110440,0210
112	288655,4665	9110420,2880
113	288715,0091	9110412,3120
114	288788,9277	9110407,2410
115	288912,8036	9110419,6190
116	288961,9372	9110433,0080
117	289012,9427	9110450,7920
118	289062,0359	9110472,9540
119	289097,8872	9110494,4260
120	289134,9590	9110524,6770
121	289170,1154	9110559,9320
122	289240,8334	9110546,2850
123	289358,6660	9110524,6950
124	289370,2829	9110522,5660
125	289379,6574	9110493,5770
126	289374,5155	9110491,8520
127	289366,1100	9110489,0340
128	289354,5637	9110485,1620
129	289340,8221	9110479,3020
130	289339,5888	9110478,8040
131	289336,5553	9110469,2590
132	289334,3229	9110462,0530
133	289332,0050	9110454,5710
134	289330,5787	9110449,9670
135	289327,7072	9110441,7830

TABELA 59 – ZEIS 1 SANTA MARTA		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286486,6993	9111446,4140
2	286416,3226	9111497,8870
3	286456,7906	9111558,3780
4	286397,5715	9111604,7760
5	286397,0670	9111605,1720
6	286375,0893	9111622,3910
7	286374,1006	9111623,1660
8	286360,9158	9111633,4960
9	286373,0230	9111651,2150
10	286300,0697	9111717,9850
11	286373,3519	9111787,0930
12	286387,3300	9111798,6260
13	286388,7538	9111799,8010
14	286448,6309	9111849,2050
15	286448,8811	9111849,4120
16	286474,4454	9111870,5050
17	286425,7695	9111936,3010
18	286425,4923	9111936,6750
19	286393,9517	9111979,3090
20	286382,2410	9111991,1170
21	286389,6063	9111994,9720
22	286412,5675	9112007,3840
23	286412,7055	9112007,1790
24	286433,4677	9112019,6440
25	286422,1217	9112045,3150
26	286473,2480	9112074,0120
27	286473,2584	9112074,0170
28	286504,9800	9112091,8220
29	286504,0541	9112093,3390
30	286472,3389	9112130,0000
31	286462,8415	9112130,8680
32	286448,1685	9112125,3230
33	286369,0422	9112085,4000
34	286342,3626	9112148,1470
35	286403,6366	9112167,7050
36	286445,2408	9112178,0090
37	286538,6104	9112201,5100
38	286816,8790	9112232,7890
39	286882,3074	9112240,9990
40	286919,1217	9112241,6130
41	286963,9388	9112238,2990
42	287045,2098	9112217,9710
43	287083,8878	9112199,6450
44	287120,3461	9112181,7500
45	287155,5173	9112154,5940
46	287189,6001	9112108,1260
47	287190,0923	9112107,4550
48	287210,3067	9112079,8940
49	287227,7120	9112055,6320
50	287228,0697	9112055,2510
51	287176,0947	9112014,7030
52	287158,2531	9112033,6770
53	287157,6760	9112034,2910
54	287141,2799	9112051,7280
55	287112,0302	9112047,8120
56	287093,7372	9112041,4220
57	287090,7735	9112048,3540
58	287083,4087	9112043,2650
59	287015,0312	9112028,5030
60	287010,0858	9112027,4350
61	286987,6109	9112025,7580
62	286968,0240	9112022,3500
63	286967,2314	9112022,2600
64	286952,8120	9112020,6210
65	286944,6931	9112019,6990
66	286937,7215	9112018,7760
67	286937,8331	9112030,3490
68	286937,8331	9112030,3530
69	286938,5344	9112103,0990
70	286887,3379	9112103,7530
71	286864,6009	9112140,4340
72	286819,5404	9112141,2330
73	286803,7269	9112118,0040

74	286781,7686	9112124,2640
75	286773,9651	9112087,7260
76	286771,4625	9112074,7840
77	286767,4382	9112074,4710
78	286738,9387	9112072,2530
79	286739,0709	9112040,6910
80	286728,0234	9112039,5010
81	286729,3890	9112022,4470
82	286729,3958	9112022,3620
83	286733,9543	9111965,4320
84	286734,5117	9111962,0200
85	286812,8195	9111978,1910
86	286841,0318	9111980,7820
87	286839,4874	9111970,0850
88	286839,4493	9111969,8210
89	286836,3583	9111948,4130
90	286836,2491	9111947,6570
91	286833,1127	9111925,9340
92	286798,9191	9111923,2740
93	286789,6845	9111854,7670
94	286789,3222	9111852,7530
95	286721,8034	9111868,0850
96	286712,9566	9111869,8200
97	286711,7917	9111869,7310
98	286710,6446	9111869,3530
99	286709,5531	9111868,7290
100	286708,5006	9111867,0530
101	286706,3566	9111861,7120
102	286704,4075	9111856,9170
103	286697,2878	9111840,3580
104	286712,8673	9111836,1420
105	286707,8265	9111827,2290
106	286700,5036	9111814,2800
107	286681,3481	9111779,1980
108	286672,5644	9111763,1050
109	286672,4803	9111762,9510
110	286660,4099	9111740,8370
111	286639,1428	9111701,9860
112	286627,7529	9111681,0920
113	286627,6657	9111680,9320
114	286613,4655	9111654,8830
115	286613,6813	9111654,7660
116	286606,9822	9111641,9000
117	286606,5216	9111641,0150
118	286605,9713	9111638,7620
119	286604,6474	9111633,3400
120	286603,2379	9111633,5670
121	286564,4316	9111643,6410
122	286561,3051	9111634,7030
123	286561,2364	9111634,5070
124	286551,4906	9111606,6470
125	286534,4271	9111558,1320
126	286523,4550	9111526,8180
127	286523,3112	9111526,4070
128	286515,0767	9111502,9050
129	286514,0595	9111500,0000
130	286496,1470	9111448,8400
131	286497,6680	9111445,8810
132	286486,6993	9111446,4140

TABELA 60 – ZEIS 1 SANTO AMARO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	293623,0074	9110860,1630
2	293609,8799	9110834,0210
3	293605,8876	9110824,2500
4	293603,4056	9110816,7620
5	293592,7312	9110786,9830
6	293590,8337	9110782,8100
7	293588,6045	9110779,4260
8	293570,1790	9110795,4970
9	293546,3901	9110820,1950
10	293541,5071	9110823,7370
11	293527,4826	9110832,5980
12	293517,0002	9110839,1160

13	293512,9905	9110841,3500
14	293510,9524	9110838,4080
15	293509,8155	9110834,7280
16	293508,6324	9110830,8980
17	293506,9024	9110833,0280
18	293505,2124	9110832,5980
19	293499,7324	9110831,2180
20	293495,8179	9110830,2300
21	293489,4824	9110828,6380
22	293485,1524	9110827,5380
23	293479,6024	9110826,1380
24	293471,7424	9110824,1580
25	293454,1824	9110819,7280
26	293444,1493	9110817,2000
27	293442,4324	9110816,7680
28	293439,1651	9110810,4880
29	293434,9824	9110802,5680
30	293431,3782	9110795,6850
31	293422,9124	9110779,5380
32	293419,0524	9110772,1680
33	293416,6824	9110767,6480
34	293413,3097	9110761,3610
35	293410,5024	9110756,1280
36	293410,1124	9110755,1180
37	293407,2024	9110749,7280
38	293405,9124	9110747,1480
39	293403,1224	9110741,8580
40	293391,2424	9110719,2880
41	293389,6024	9110716,1680
42	293380,9970	9110700,4150
43	293377,4728	9110693,9640
44	293373,8424	9110687,3180
45	293365,5105	9110674,6470
46	293354,8941	9110658,5010
47	293352,3024	9110654,6880
48	293350,1424	9110651,0880
49	293343,5300	9110641,1840
50	293334,3224	9110627,1580
51	293326,9925	9110615,9260
52	293322,7253	9110609,3880
53	293312,7793	9110594,3450
54	293304,6183	9110582,1080
55	293479,6366	9110455,3810
56	293471,1699	9110444,2680
57	293294,9213	9110570,6730
58	293286,3924	9110576,8380
59	293263,7824	9110593,1680
60	293240,1124	9110610,1780
61	293228,5624	9110618,5980
62	293218,8224	9110625,7380
63	293216,9320	9110627,0400
64	293213,7124	9110629,2580
65	293209,6524	9110632,3180
66	293205,9724	9110634,9180
67	293201,1324	9110638,4780
68	293195,0224	9110642,7180
69	293191,3724	9110645,4980
70	293172,0026	9110661,2900
71	293171,3924	9110661,7880
72	293169,5000	9110658,0610
73	293151,3121	9110622,2280
74	293160,8721	9110608,0580
75	293168,4621	9110596,9180
76	293173,4321	9110589,2380
77	293176,2121	9110585,3680
78	293185,1521	9110572,0480
79	293195,2022	9110557,1580
80	293197,6122	9110553,0100
81	293200,4322	9110549,3980
82	293212,5263	9110533,8930
83	293222,2645	9110521,3990
84	293238,1710	9110500,9940
85	293239,3290	9110499,5090
86	293248,7923	9110487,3780
87	293268,6023	9110461,0780

88	293273,6523	9110453,9780
89	293279,2783	9110446,0700
90	293328,1623	9110370,4490
91	293305,9373	9110353,3840
92	293293,6999	9110343,7520
93	293270,2157	9110307,7300
94	293249,0982	9110280,3740
95	293231,4057	9110294,0080
96	293224,7679	9110299,9620
97	293218,8395	9110305,5580
98	293213,1482	9110311,2970
99	293208,5486	9110315,6370
100	293205,5975	9110319,1930
101	293202,9039	9110323,7230
102	293200,1531	9110328,2760
103	293198,3034	9110331,0270
104	293178,5401	9110300,7320
105	293142,2921	9110325,3380
106	293113,8129	9110282,7070
107	293113,3439	9110279,6320
108	293135,6196	9110265,6330
109	293140,1852	9110262,3750
110	293141,7878	9110261,2310
111	293098,1336	9110226,1360
112	293087,9096	9110218,1950
113	293159,3578	9110163,4130
114	293137,3973	9110132,1920
115	293185,5516	9110096,2080
116	293155,6241	9110052,5940
117	293146,8123	9110059,1400
118	293128,8055	9110070,8550
119	293090,3176	9110106,4530
120	293080,3344	9110115,9110
121	293078,3178	9110118,4750
122	293076,3406	9110120,6990
123	293075,6266	9110121,8250
124	293075,1872	9110122,5670
125	293074,7204	9110123,3900
126	293074,2810	9110124,2970
127	293074,0064	9110125,7250
128	293073,6219	9110126,7960
129	293072,7432	9110128,0310
130	293051,3245	9110149,6290
131	293028,7278	9110171,9420
132	293027,9825	9110171,3460
133	292999,7015	9110148,7250
134	292977,5247	9110130,9860
135	292977,4318	9110131,1020
136	292961,4706	9110118,1450
137	292953,1961	9110124,5620
138	292950,4190	9110126,7160
139	292937,1900	9110136,9580
140	292846,8260	9110206,9140
141	292817,9774	9110229,2470
142	292785,0587	9110254,7310
143	292783,4132	9110256,0050
144	292777,5198	9110260,6490
145	292773,0537	9110264,5160
146	292765,9300	9110270,9940
147	292776,2312	9110285,8810
148	292780,3315	9110291,4850
149	292784,5201	9110297,3180
150	292794,1121	9110311,6810
151	292802,7454	9110323,1100
152	292791,0330	9110331,6360
153	292789,2109	9110333,7230
154	292780,5208	9110339,7270
155	292771,4180	9110345,5690
156	292765,0344	9110349,6650
157	292757,0880	9110354,7640
158	292742,2848	9110364,1310
159	292731,7840	9110371,0630
160	292727,1283	9110373,9180
161	292724,6475	9110375,1750
162	292718,7684	9110378,9140

163	292709,4230	9110385,9480
164	292703,9857	9110390,3320
165	292698,0386	9110396,1770
166	292693,9266	9110400,5270
167	292690,8002	9110403,7890
168	292689,4068	9110405,3530
169	292688,4553	9110406,5080
170	292687,8436	9110407,4590
171	292687,1300	9110409,3290
172	292684,7101	9110412,1030
173	292680,2717	9110418,6320
174	292668,6299	9110438,9020
175	292662,8681	9110450,5020
176	292652,2880	9110471,8030
177	292638,8988	9110498,7250
178	292634,3641	9110507,2220
179	292628,7445	9110517,7520
180	292620,6821	9110535,1760
181	292612,7844	9110551,6660
182	292610,6241	9110554,5660
183	292603,6129	9110554,2670
184	292600,8521	9110554,0360
185	292539,0744	9110525,9980
186	292532,0590	9110521,4720
187	292480,6883	9110556,8070
188	292482,4058	9110557,6370
189	292488,3093	9110560,4570
190	292516,8853	9110574,1060
191	292550,7320	9110590,0740
192	292582,2197	9110604,9280
193	292642,0537	9110633,0590
194	292686,0168	9110654,3920
195	292719,1282	9110670,8430
196	292733,7087	9110677,5210
197	292753,7906	9110686,7900
198	292793,6911	9110705,4520
199	292854,6877	9110734,4510
200	292903,3496	9110757,0060
201	292922,2751	9110765,5800
202	292939,8821	9110772,8450
203	293005,4736	9110804,6470
204	293011,4151	9110807,4270
205	293067,5718	9110833,6980
206	293087,5907	9110843,0470
207	293107,4964	9110852,3420
208	293129,5807	9110862,6550
209	293160,2266	9110876,9660
210	293197,6995	9110895,1760
211	293227,8926	9110909,8480
212	293250,4018	9110920,7860
213	293300,3111	9110944,2620
214	293342,6875	9110964,1950
215	293422,4119	9111001,6950
216	293432,6456	9111006,5080
217	293454,8081	9111017,7160
218	293461,7454	9111022,0620
219	293474,9745	9111030,3490
220	293496,3397	9111045,2380
221	293500,7367	9111047,6170
222	293503,3569	9111048,6240
223	293506,7733	9111048,9130
224	293510,9295	9111048,7020
225	293514,9581	9111047,6590
226	293515,5047	9111047,3910
227	293518,6943	9111045,8260
228	293520,3865	9111044,5170
229	293521,9850	9111043,2790
230	293524,6957	9111040,1220
231	293525,5706	9111038,7520
232	293531,6954	9111028,2750
233	293536,4596	9111018,3910
234	293549,0632	9110992,2410
235	293550,3288	9110989,6150
236	293555,2887	9110982,3800
237	293558,9148	9110978,0790

238	293560,4630	9110976,2430
239	293564,7175	9110971,9330
240	293576,5918	9110959,7580
241	293591,8297	9110944,1330
242	293596,5227	9110939,1000
243	293603,3113	9110931,8200
244	293604,4070	9110930,9280
245	293607,5518	9110928,3690
246	293618,9616	9110920,0980
247	293622,6289	9110917,4640
248	293629,9192	9110912,2280
249	293640,0943	9110904,9200
250	293641,7626	9110903,7220
251	293641,2309	9110902,7700
252	293638,7960	9110898,4120
253	293634,2122	9110887,4710
254	293623,0074	9110860,1630

TABELA 61 – ZEIS 1 SETE MUCAMBOS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	283582,3743	9109753,1200
2	283602,2924	9109767,1770
3	283602,4174	9109767,2650
4	283623,0997	9109781,8620
5	283640,4300	9109796,5460
6	283648,6319	9109785,9630
7	283669,1372	9109783,3170
8	283685,8060	9109784,9040
9	283708,2957	9109784,2430
10	283728,8009	9109795,4880
11	283731,1822	9109790,7250
12	283743,9686	9109801,3670
13	283753,8147	9109807,1640
14	283767,2573	9109815,0780
15	283769,1918	9109815,5820
16	283770,2055	9109796,8220
17	283771,4190	9109774,3620
18	283771,4340	9109774,0850
19	283774,3178	9109720,7120
20	283769,5856	9109718,3460
21	283759,8489	9109711,1500
22	283754,9698	9109707,1380
23	283754,8344	9109707,0260
24	283748,3865	9109701,7240
25	283720,6021	9109678,8780
26	283720,3834	9109678,6980
27	283670,5254	9109637,7010
28	283667,6433	9109641,4750
29	283664,6858	9109647,5010
30	283654,4681	9109659,0740
31	283652,2767	9109661,5950
32	283644,7198	9109670,2880
33	283637,6321	9109678,7330
34	283633,9575	9109683,1110
35	283629,4317	9109688,5040
36	283620,1735	9109700,3930
37	283616,2983	9109705,5410
38	283612,4313	9109710,8430
39	283603,2875	9109723,8330
40	283595,7987	9109733,8850
41	283588,4070	9109743,7270
42	283582,3743	9109753,1200

TABELA 62 – ZEIS 1 SÍTIO DO BERARDO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	288952,8777	9109126,8950
2	289062,1324	9109101,8880
3	289070,8842	9109118,0250
4	289097,4962	9109111,8390
5	289114,8324	9109108,6280
6	289125,8624	9109106,6080
7	289137,9324	9109104,4080
8	289138,9724	9109103,0580
9	289142,7024	9109103,3180
10	289142,6224	9109101,0680

11	289146,8324	9109101,0480
12	289157,4824	9109102,1680
13	289159,2925	9109101,4080
14	289159,6425	9109102,2080
15	289161,1024	9109101,2780
16	289173,2394	9109101,9450
17	289193,6050	9109108,7340
18	289199,1940	9109104,9710
19	289192,4175	9109092,1400
20	289190,7345	9109088,9540
21	289204,2855	9109081,3690
22	289205,1385	9109080,9810
23	289201,2672	9109072,6900
24	289193,2037	9109056,3190
25	289189,6794	9109049,8210
26	289184,0636	9109037,8980
27	289184,1386	9109036,3920
28	289184,2283	9109034,5900
29	289189,5485	9109026,7760
30	289196,5777	9109017,1630
31	289196,9121	9109016,4650
32	289188,5148	9109005,9990
33	289190,0316	9109004,2910
34	289192,9811	9109000,9700
35	289196,9850	9108998,1820
36	289202,3090	9108989,3730
37	289207,1982	9108979,5940
38	289210,9898	9108973,3080
39	289214,5819	9108967,0220
40	289219,1679	9108955,6190
41	289219,2188	9108955,6260
42	289216,4855	9108948,7840
43	289216,1730	9108948,0020
44	289188,5734	9108953,0880
45	289171,7450	9108957,1350
46	289123,3903	9108967,7860
47	289068,6450	9108980,5670
48	289067,8413	9108976,4770
49	289066,7077	9108971,6120
50	289062,6167	9108948,7620
51	289060,1717	9108939,8790
52	289059,1992	9108935,9280
53	289056,4147	9108924,5870
54	289056,3996	9108924,5250
55	289056,3107	9108924,1570
56	289053,5045	9108912,5430
57	289050,5624	9108901,1780
58	289048,0202	9108890,7460
59	289047,5624	9108888,8680
60	289047,3792	9108888,0840
61	289044,6563	9108877,7190
62	289043,8580	9108873,9270
63	289042,4611	9108867,7410
64	289039,1684	9108853,8710
65	289035,6761	9108837,6070
66	289032,6827	9108824,1370
67	289032,3755	9108821,6450
68	289031,0475	9108815,8020
69	289031,4854	9108815,6750
70	289048,3624	9108810,7680
71	289043,1427	9108782,4550
72	289041,1659	9108773,9410
73	289021,6759	9108779,6630
74	289006,3504	9108784,1040
75	288985,6154	9108790,1120
76	288966,7385	9108795,5820
77	288964,1520	9108796,3310
78	288940,7246	9108803,1190
79	288920,2757	9108808,8800
80	288892,3203	9108816,6560
81	288874,4541	9108821,6250
82	288862,9045	9108824,8370
83	288836,8734	9108832,0770
84	288816,5228	9108837,7370
85	288803,0705	9108841,6380

86	288798,3021	9108843,0540
87	288778,1973	9108849,0270
88	288767,9363	9108852,0760
89	288749,5204	9108857,5470
90	288738,3678	9108860,8600
91	288719,2575	9108866,5370
92	288707,7999	9108869,9410
93	288695,6979	9108873,5370
94	288682,6244	9108877,4210
95	288671,9968	9108880,4810
96	288660,4401	9108883,7870
97	288646,0167	9108887,9120
98	288664,2824	9108945,5480
99	288666,8000	9108953,4440
100	288678,7015	9108987,7750
101	288684,0801	9109003,4530
102	288689,0009	9109017,1860
103	288696,4393	9109038,7000
104	288703,9922	9109056,8950
105	288712,3462	9109082,3000
106	288717,2670	9109096,2620
107	288719,2445	9109095,5650
108	288722,5178	9109094,4120
109	288737,8226	9109089,0210
110	288740,4858	9109088,1060
111	288755,8192	9109082,8380
112	288786,4704	9109073,1110
113	288798,9971	9109069,1360
114	288800,9026	9109075,6860
115	288814,4324	9109121,9770
116	288821,5780	9109145,8740
117	288830,8326	9109175,7600
118	288833,6530	9109184,8680
119	288852,0136	9109252,6630
120	288889,8067	9109241,8050
121	288880,8638	9109211,9120
122	288905,9860	9109208,5560
123	288905,0600	9109202,4710
124	288909,8225	9109201,5450
125	288901,9319	9109176,1550
126	288906,3984	9109175,8970
127	288914,8423	9109175,5320
128	288909,0774	9109161,1320
129	288943,0821	9109151,8250
130	288939,1624	9109144,6480
131	288939,0504	9109144,1760
132	288935,8724	9109130,7880
133	288952,8777	9109126,8950

TABELA 63 – ZEIS 1 SÍTIO DO CARDOSO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289166,4700	9109822,3300
2	289171,6800	9109774,5500
3	289250,5200	9109777,1400
4	289255,3900	9109724,3800
5	289294,1400	9109705,6500
6	289295,2600	9109702,0300
7	289291,8000	9109674,4600
8	289291,2300	9109662,3400
9	289293,2900	9109639,0900
10	289296,3900	9109608,4700
11	289298,8300	9109580,8300
12	289297,7300	9109560,3000
13	289294,6000	9109544,3800
14	289308,3000	9109544,3800
15	289308,8000	9109523,8000
16	289285,8300	9109522,8100
17	289270,3400	9109521,1300
18	289265,2700	9109526,5600
19	289165,6000	9109525,0400
20	289146,6100	9109533,7000
21	289147,9100	9109487,5500
22	289146,1200	9109432,7800
23	289156,6600	9109433,3500
24	289161,2100	9109345,3200

25	289128,0900	9109342,4100
26	289119,8100	9109341,4200
27	289119,4400	9109329,8500
28	289114,1100	9109317,0500
29	289108,5200	9109304,8300
30	289103,4600	9109294,2500
31	289116,2000	9109285,8200
32	289126,0600	9109279,2800
33	289119,4600	9109268,2000
34	289107,2600	9109247,7000
35	289105,7000	9109245,0700
36	289098,7600	9109248,9700
37	289082,4624	9109258,1280
38	289081,2400	9109258,7900
39	289056,3000	9109272,3200
40	289039,8300	9109281,2600
41	289038,2700	9109278,2300
42	289033,5700	9109269,3700
43	289027,9600	9109258,8200
44	289015,6800	9109235,7100
45	288875,5400	9109313,7100
46	288887,0150	9109349,6200
47	288898,4900	9109385,5300
48	288927,8600	9109505,9000
49	288975,8400	9109647,2500
50	289002,4900	9109726,9400
51	289026,2000	9109809,6600
52	289031,0800	9109808,2200
53	289054,0100	9109801,4200
54	289055,2500	9109801,0700
55	289055,2600	9109803,2700
56	289057,3700	9109813,0500
57	289066,5000	9109810,4600
58	289069,6500	9109809,2300
59	289069,1100	9109802,1300
60	289072,3000	9109801,4700
61	289076,0400	9109801,2500
62	289085,5700	9109800,2900
63	289092,6000	9109799,6100
64	289094,6400	9109799,0400
65	289096,8200	9109800,0000
66	289106,6100	9109806,4000
67	289110,2700	9109802,6500
68	289115,9700	9109802,6300
69	289123,3800	9109802,3400
70	289137,6200	9109801,3100
71	289142,8000	9109801,0400
72	289142,5700	9109804,4600
73	289142,6700	9109810,7500
74	289142,8600	9109816,0900
75	289143,5600	9109828,4300
76	289166,4700	9109822,3300

TABELA 64 – ZEIS 1 SÍTIO DO FORTE/ COREIA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287346,5717	9108877,8810
2	287368,6168	9108917,7600
3	287382,4162	9108942,1670
4	287382,5137	9108942,3390
5	287413,0894	9108996,4190
6	287427,9918	9109023,9470
7	287432,1924	9109031,7070
8	287463,1227	9109010,2260
9	287496,3400	9108987,4280
10	287538,9728	9108956,9700
11	287539,0862	9108956,9100
12	287567,6137	9108941,6890
13	287571,0476	9108940,1410
14	287571,1719	9108940,0850
15	287610,8351	9108922,2920
16	287612,0469	9108921,8430
17	287609,6089	9108916,9830
18	287601,2901	9108900,0390
19	287598,0861	9108893,3420
20	287594,9891	9108885,0240

21	287592,7496	9108876,8040
22	287592,1410	9108874,7400
23	287588,9879	9108864,0460
24	287587,3007	9108858,3240
25	287585,8961	9108853,3250
26	287585,8339	9108853,1040
27	287580,7999	9108835,1890
28	287570,9752	9108804,4580
29	287570,8984	9108804,2170
30	287567,6179	9108793,9560
31	287566,3633	9108794,3980
32	287546,2926	9108801,4640
33	287546,0942	9108801,5410
34	287532,5333	9108806,7860
35	287513,4899	9108814,5020
36	287495,8863	9108821,6450
37	287492,7290	9108823,2070
38	287492,6666	9108823,2370
39	287491,2493	9108823,9390
40	287479,1150	9108829,9420
41	287478,4244	9108828,4360
42	287477,1996	9108825,7660
43	287477,1386	9108825,6330
44	287475,4906	9108822,0410
45	287470,9504	9108809,6690
46	287465,3997	9108794,7000
47	287465,4235	9108794,6870
48	287462,4423	9108787,6220
49	287458,3617	9108776,8640
50	287456,5228	9108772,0160
51	287456,4894	9108771,9280
52	287455,2521	9108768,6660
53	287455,1537	9108768,4160
54	287448,1009	9108750,5300
55	287447,0862	9108747,9870
56	287447,0564	9108747,9120
57	287442,1877	9108735,7070
58	287432,1293	9108709,7760
59	287423,8816	9108689,0550
60	287423,8551	9108688,9940
61	287423,8352	9108688,9300
62	287423,8221	9108688,8640
63	287423,8159	9108688,7970
64	287423,8168	9108688,7300
65	287423,8247	9108688,6630
66	287423,8394	9108688,5980
67	287423,8610	9108688,5340
68	287423,8890	9108688,4740
69	287423,9233	9108688,4160
70	287423,9634	9108688,3620
71	287424,0089	9108688,3130
72	287424,0593	9108688,2690
73	287422,7071	9108684,3960
74	287420,3003	9108684,7730
75	287375,9601	9108703,4220
76	287374,2883	9108704,1080
77	287376,0243	9108708,2370
78	287386,7382	9108728,6490
79	287388,9980	9108733,7580
80	287392,5826	9108741,7720
81	287396,3257	9108750,1010
82	287396,8750	9108749,8070
83	287400,5943	9108757,5650
84	287404,7025	9108766,1330
85	287404,9145	9108766,5750
86	287406,3877	9108770,3240
87	287406,4408	9108770,4590
88	287408,7513	9108776,3390
89	287408,7573	9108776,3540
90	287411,7030	9108783,8500
91	287411,8189	9108784,4970
92	287418,0084	9108798,7170
93	287421,9992	9108806,8000
94	287422,3268	9108807,4640
95	287422,3507	9108807,5120

96	287422,6378	9108808,0930
97	287425,0797	9108813,0390
98	287431,8680	9108825,7070
99	287432,7119	9108825,2730
100	287438,9955	9108837,5000
101	287439,9615	9108839,3790
102	287433,0108	9108841,8360
103	287432,8416	9108841,8960
104	287430,1312	9108842,8540
105	287427,2717	9108843,6750
106	287417,5122	9108847,0410
107	287413,7004	9108848,3560
108	287413,6717	9108848,3680
109	287409,2453	9108850,2250
110	287402,1584	9108853,1970
111	287398,2981	9108854,6720
112	287394,9033	9108855,9690
113	287393,7616	9108856,3290
114	287383,8630	9108859,4560
115	287383,2615	9108859,6460
116	287376,9005	9108862,8990
117	287376,8761	9108862,9120
118	287372,8198	9108864,9870
119	287368,6733	9108867,1070
120	287368,0776	9108867,4120
121	287366,2108	9108868,3790
122	287366,0247	9108868,0800
123	287365,4168	9108867,1000
124	287356,8967	9108871,8670
125	287351,3585	9108874,9650
126	287346,5717	9108877,8810

TABELA 65 – ZEIS 1 SÍTIO DOS PINTOS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	284232,3257	9113620,8440
2	284231,1322	9113620,0320
3	284229,3972	9113618,8530
4	284229,3933	9113618,8500
5	284227,6640	9113617,6740
6	284227,6488	9113617,6640
7	284225,9793	9113616,5290
8	284225,9694	9113616,5220
9	284224,0814	9113615,2390
10	284222,1271	9113613,9100
11	284222,1100	9113613,8990
12	284217,5313	9113610,7860
13	284217,5222	9113610,7800
14	284213,0118	9113607,7130
15	284213,0007	9113607,7060
16	284212,0466	9113607,0570
17	284212,0432	9113607,0550
18	284210,5721	9113606,0550
19	284210,5657	9113606,0500
20	284208,9374	9113604,9430
21	284208,9316	9113604,9390
22	284208,2956	9113604,5070
23	284207,7359	9113604,1110
24	284207,4989	9113603,9430
25	284207,4952	9113603,9400
26	284205,8863	9113602,8010
27	284205,8785	9113602,7960
28	284204,3096	9113601,6850
29	284204,3077	9113601,6840
30	284202,7282	9113600,5650
31	284201,1090	9113599,4190
32	284199,9703	9113598,6130
33	284199,8828	9113598,5510
34	284191,8556	9113592,8680
35	284190,8947	9113592,2290
36	284184,9045	9113588,2430
37	284184,8920	9113588,2350
38	284176,1228	9113582,4000
39	284175,0369	9113581,6840
40	284167,9158	9113576,7910
41	284167,9131	9113576,7890

42	284150,7928	9113565,0270
43	284148,6591	9113563,5080
44	284148,5969	9113563,4630
45	284138,8427	9113556,5150
46	284129,4725	9113549,8880
47	284129,3749	9113549,8190
48	284128,2761	9113549,0420
49	284116,9568	9113541,2440
50	284112,7251	9113538,5180
51	284112,7026	9113538,5040
52	284111,4382	9113537,6890
53	284103,2333	9113532,9970
54	284101,6957	9113532,1170
55	284092,2891	9113526,8920
56	284096,0417	9113520,5980
57	284100,5199	9113512,8240
58	284098,5260	9113508,2200
59	284097,2949	9113503,8530
60	284097,3718	9113502,7400
61	284097,9503	9113501,4650
62	284105,0323	9113491,4870
63	284106,2268	9113489,4480
64	284106,6825	9113488,6700
65	284110,9652	9113491,5530
66	284116,8793	9113495,5350
67	284136,7273	9113459,8580
68	284146,1348	9113442,3330
69	284149,0509	9113436,9010
70	284149,4127	9113436,2270
71	284155,2123	9113425,4230
72	284164,9062	9113408,7820
73	284175,0236	9113391,4140
74	284161,8210	9113386,7340
75	284177,5697	9113358,2880
76	284185,0557	9113339,1980
77	284193,6561	9113342,3560
78	284201,4473	9113324,2210
79	284207,1463	9113309,1130
80	284210,5467	9113300,0990
81	284211,9986	9113292,5670
82	284212,4078	9113290,4440
83	284213,7452	9113280,7470
84	284214,0077	9113278,8440
85	284213,8739	9113274,9080
86	284213,6973	9113269,7140
87	284212,2097	9113262,4940
88	284211,2210	9113258,3130
89	284206,3010	9113237,5060
90	284206,2783	9113237,4100
91	284199,8099	9113220,4160
92	284197,7818	9113215,0880
93	284195,5408	9113209,1440
94	284193,1446	9113198,6340
95	284191,4586	9113191,4830
96	284199,7594	9113139,0550
97	284210,7752	9113141,8940
98	284224,2394	9113144,1350
99	284241,2569	9113146,9670
100	284295,2562	9113154,4310
101	284325,0553	9113160,1430
102	284377,4780	9113177,1280
103	284378,6993	9113181,4250
104	284388,7098	9113190,0050
105	284413,4890	9113213,6410
106	284419,4842	9113220,9310
107	284426,6400	9113235,9740
108	284430,4176	9113237,7180
109	284433,7106	9113238,2290
110	284436,0354	9113238,5900
111	284446,2057	9113240,8170
112	284446,7646	9113242,7250
113	284447,6322	9113245,6860
114	284460,1256	9113244,0180
115	284464,5472	9113244,4460
116	284470,9502	9113253,6560

117	284471,0364	9113253,7800
118	284478,8275	9113264,9870
119	284481,1548	9113268,3350
120	284509,1548	9113308,6110
121	284509,6814	9113309,3690
122	284526,2612	9113333,2180
123	284518,9753	9113340,8990
124	284527,9231	9113383,4020
125	284528,3218	9113385,2960
126	284538,0989	9113431,7380
127	284564,3341	9113498,6620
128	284606,7234	9113500,9910
129	284585,2072	9113432,3880
130	284616,5382	9113418,4960
131	284625,2720	9113383,2240
132	284643,3346	9113367,5670
133	284666,4943	9113360,8700
134	284666,9083	9113333,1400
135	284667,1232	9113318,7510
136	284679,1152	9113318,8080
137	284683,1283	9113302,6900
138	284667,7239	9113293,0010
139	284679,4925	9113262,8680
140	284743,3303	9113253,1300
141	284813,1827	9113204,9850
142	284840,0585	9113234,9590
143	284840,0685	9113234,9700
144	284840,1649	9113235,0780
145	284842,6316	9113237,8290
146	284844,9682	9113240,3470
147	284844,9706	9113240,3500
148	284849,2044	9113244,9130
149	284856,6933	9113237,9660
150	284895,8479	9113204,7250
151	284916,4288	9113169,2220
152	284876,5698	9113129,8840
153	284875,9555	9113129,2780
154	284865,6401	9113119,0970
155	284821,3034	9113115,7740
156	284811,3298	9113120,5400
157	284808,2059	9113125,5980
158	284805,0309	9113130,6780
159	284802,9671	9113132,9010
160	284794,2359	9113135,1230
161	284791,0608	9113134,8060
162	284788,8735	9113131,2720
163	284786,4813	9113123,9270
164	284795,1452	9113111,1710
165	284787,8810	9113104,9940
166	284791,8546	9113097,1820
167	284783,9171	9113094,6420
168	284779,4721	9113089,2440
169	284775,0271	9113085,9100
170	284770,5821	9113082,7350
171	284766,4545	9113081,4650
172	284761,0570	9113081,3070
173	284756,7708	9113082,1000
174	284752,4845	9113082,1000
175	284748,6745	9113082,1000
176	284744,5470	9113083,0530
177	284741,5307	9113084,6400
178	284740,7370	9113085,4340
179	284739,0604	9113089,7550
180	284734,0695	9113093,2130
181	284730,6283	9113092,2570
182	284728,1346	9113095,2220
183	284727,9329	9113095,0530
184	284726,1728	9113093,5790
185	284722,6657	9113090,6410
186	284718,6957	9113095,7970
187	284716,3775	9113098,8070
188	284710,3427	9113105,7810
189	284703,7464	9113100,2320
190	284695,1904	9113093,0340
191	284690,8597	9113089,7990

192	284686,8295	9113086,7890
193	284676,8616	9113078,5620
194	284676,6771	9113078,4010
195	284665,5177	9113069,1900
196	284633,4382	9113042,7110
197	284630,5089	9113040,3150
198	284608,3511	9113022,1860
199	284607,2352	9113021,2730
200	284607,1575	9113021,2090
201	284602,4567	9113017,3630
202	284602,0057	9113016,9940
203	284598,9882	9113014,2700
204	284577,7305	9112995,0850
205	284576,7567	9112994,2060
206	284573,7722	9112991,5120
207	284566,7476	9112985,1720
208	284561,7474	9112978,8780
209	284545,4888	9112958,4130
210	284545,1801	9112957,8820
211	284542,1058	9112952,5930
212	284535,6462	9112941,4800
213	284520,7236	9112915,5510
214	284514,1985	9112904,3050
215	284514,0241	9112904,0040
216	284506,0870	9112890,3250
217	284505,8015	9112889,8330
218	284505,4980	9112889,1920
219	284499,3453	9112876,1810
220	284491,6196	9112859,1420
221	284480,9302	9112823,6870
222	284476,6452	9112806,7290
223	284470,5889	9112809,0350
224	284463,9895	9112810,7820
225	284447,7798	9112816,0480
226	284442,1048	9112817,8920
227	284438,2691	9112819,1380
228	284437,7764	9112819,2980
229	284428,7584	9112822,2270
230	284419,8368	9112825,1260
231	284419,2477	9112825,3170
232	284419,0906	9112825,3680
233	284413,8829	9112827,0600
234	284413,0025	9112827,3460
235	284410,5434	9112828,1450
236	284409,5799	9112828,4580
237	284407,7613	9112829,0490
238	284407,5803	9112829,1080
239	284406,2775	9112829,5310
240	284404,3722	9112830,1500
241	284400,0692	9112831,5480
242	284397,6915	9112832,3200
243	284394,8615	9112833,2400
244	284392,4838	9112834,0120
245	284397,5018	9112843,4490
246	284394,9590	9112853,7450
247	284390,7256	9112863,2700
248	284388,0798	9112868,2970
249	284384,1110	9112873,5890
250	284381,7298	9112876,7640
251	284380,9360	9112881,5260
252	284379,6131	9112883,9070
253	284372,7339	9112884,1720
254	284368,2360	9112881,5260
255	284364,5318	9112881,7910
256	284360,0339	9112883,1140
257	284354,3639	9112879,1920
258	284353,2673	9112878,8730
259	284342,8983	9112875,8510
260	284342,7403	9112875,8050
261	284327,9476	9112871,4940
262	284319,1141	9112861,4210
263	284293,8573	9112870,4100
264	284283,0457	9112854,4180
265	284263,5328	9112860,5870
266	284211,7509	9112904,1750

267	284193,5060	9112884,7320
268	284185,4010	9112888,9770
269	284184,7878	9112889,2980
270	284182,3955	9112890,5510
271	284172,4770	9112874,1180
272	284169,0374	9112870,6780
273	284153,6915	9112886,9500
274	284165,9947	9112904,0160
275	284158,4541	9112908,6460
276	284144,6957	9112914,2020
277	284138,2134	9112915,7900
278	284137,5519	9112914,0700
279	284141,2561	9112911,9530
280	284136,6259	9112907,8520
281	284131,7311	9112911,2920
282	284129,6144	9112912,4820
283	284122,9998	9112914,4670
284	284117,9727	9112914,8640
285	284114,9300	9112913,4080
286	284113,2102	9112911,5560
287	284111,3717	9112910,1660
288	284111,3450	9112910,1710
289	284107,2124	9112911,0440
290	284074,4055	9112958,6460
291	284074,4030	9112958,6490
292	284048,7556	9112995,8630
293	284050,1496	9113017,3740
294	284050,1825	9113017,8820
295	284051,0639	9113031,4830
296	284051,0960	9113031,9780
297	284052,6754	9113056,3520
298	284052,7061	9113056,8240
299	284055,7001	9113103,0270
300	284002,6271	9113120,2280
301	283960,1155	9113068,2360
302	283919,0543	9113109,1250
303	283903,2773	9113097,7620
304	283895,7672	9113099,5370
305	283880,7442	9113116,9320
306	283879,7803	9113118,0480
307	283873,9162	9113124,8380
308	283877,1575	9113152,0690
309	283890,4847	9113168,3320
310	283940,6309	9113236,4870
311	283941,1740	9113237,2260
312	283950,0731	9113249,3210
313	283953,3175	9113251,2390
314	283953,7325	9113251,4850
315	283991,2539	9113273,6750
316	283991,3556	9113273,7350
317	284006,1373	9113282,4770
318	284001,2112	9113294,0700
319	283990,1733	9113302,1300
320	283990,0049	9113302,2530
321	283987,0786	9113304,3900
322	283987,0621	9113304,4020
323	283974,9332	9113313,2580
324	283971,5835	9113316,7370
325	283971,5749	9113316,7460
326	283960,5786	9113328,1680
327	283943,2641	9113327,1870
328	283939,3281	9113327,9200
329	283939,2752	9113327,9290
330	283909,8159	9113333,4120
331	283898,8712	9113337,5100
332	283883,6127	9113345,2880
333	283883,4669	9113345,3630
334	283882,1212	9113346,0490
335	283868,6027	9113350,7720
336	283872,8357	9113361,7650
337	283872,6467	9113361,7950
338	283877,1672	9113374,1160
339	283844,0680	9113378,4800
340	283843,9876	9113378,4900
341	283829,7935	9113380,3610

342	283814,9694	9113372,3220
343	283814,7573	9113372,2070
344	283804,8616	9113366,8410
345	283770,8264	9113338,4500
346	283719,1095	9113406,9400
347	283696,4054	9113437,0080
348	283692,4379	9113458,1160
349	283679,5712	9113468,0300
350	283675,2601	9113629,3560
351	283696,3417	9113629,1540
352	283707,8445	9113629,0430
353	283774,0881	9113594,9720
354	283792,3267	9113597,5600
355	283814,8661	9113622,0510
356	283844,9486	9113648,4540
357	283919,7734	9113662,5670
358	284024,9559	9113731,1460
359	283980,7697	9113797,2040
360	283991,5218	9113824,7420
361	283991,6219	9113824,6500
362	284004,1250	9113813,2100
363	284004,2066	9113813,1350
364	284031,3207	9113788,3250
365	284031,4497	9113788,2070
366	284041,8464	9113778,6940
367	284041,9233	9113778,6230
368	284042,8517	9113777,7740
369	284045,8101	9113777,2130
370	284073,4587	9113771,9660
371	284073,5017	9113771,9580
372	284109,6693	9113765,0950
373	284109,6997	9113765,0890
374	284118,9620	9113763,3320
375	284138,7443	9113759,5780
376	284144,2262	9113763,2180
377	284148,8975	9113766,3210
378	284188,5501	9113792,6550
379	284202,7113	9113813,0980
380	284240,7819	9113827,8090
381	284262,6200	9113840,9160
382	284288,9401	9113856,4860
383	284310,5450	9113875,1540
384	284326,2709	9113914,4330
385	284350,3581	9113910,9310
386	284383,3722	9113898,5150
387	284405,0044	9113895,0490
388	284443,4130	9113870,5350
389	284440,1819	9113833,2640
390	284447,0002	9113820,9430
391	284471,8389	9113806,0740
392	284488,0821	9113781,5880
393	284506,1156	9113770,9190
394	284516,2598	9113767,6150
395	284514,9961	9113732,0180
396	284517,1791	9113691,6490
397	284517,2670	9113690,0230
398	284519,1447	9113655,2990
399	284522,3881	9113637,5980
400	284527,6026	9113620,2750
401	284512,7636	9113595,0180
402	284477,5967	9113568,7740
403	284450,0202	9113561,6940
404	284431,3866	9113531,9820
405	284415,9723	9113522,0340
406	284398,4535	9113520,8880
407	284373,7162	9113537,8870
408	284369,0911	9113548,8740
409	284369,0841	9113550,3370
410	284375,4705	9113572,5590
411	284356,5728	9113591,5830
412	284339,1337	9113605,3870
413	284337,1397	9113607,1080
414	284337,0490	9113607,1870
415	284325,9763	9113616,7450
416	284321,3735	9113620,4890

417	284315,7359	9113624,8050
418	284306,0370	9113634,0560
419	284305,8760	9113634,2160
420	284302,9056	9113637,1610
421	284302,9017	9113637,1650
422	284293,7994	9113646,1910
423	284280,5677	9113658,9410
424	284280,3672	9113659,1340
425	284277,7005	9113656,6790
426	284272,9718	9113652,3250
427	284264,2199	9113644,6860
428	284263,8984	9113644,4410
429	284255,8958	9113638,3450
430	284249,5760	9113633,5320
431	284249,4878	9113633,4650
432	284248,0685	9113632,3840
433	284242,6162	9113628,3850
434	284242,6029	9113628,3750
435	284235,7395	9113623,3420
436	284235,7324	9113623,3370
437	284234,2953	9113622,2830
438	284234,2793	9113622,2710
439	284232,4149	9113620,9040
440	284232,3257	9113620,8440
TABELA 66 – ZEIS 1 SÍTIO GRANDE / DANCING DAYS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	288527,9373	9104599,5160
2	288467,6891	9104421,7550
3	288446,7642	9104360,0160
4	288452,6520	9104358,5240
5	288458,0760	9104361,9630
6	288466,2781	9104366,3290
7	288476,7291	9104363,4190
8	288483,7406	9104358,7880
9	288487,0480	9104353,8940
10	288490,6198	9104350,3220
11	288500,3323	9104343,6590
12	288506,0347	9104342,2060
13	288521,0469	9104335,3430
14	288529,1858	9104331,6220
15	288538,2449	9104329,9710
16	288565,7616	9104324,9560
17	288575,1720	9104323,2410
18	288577,5906	9104317,3680
19	288588,5255	9104314,8500
20	288688,4758	9104288,9380
21	289157,8201	9104183,7970
22	289193,3053	9104180,5920
23	289237,7155	9104114,5910
24	289254,5855	9104114,2310
25	289242,8558	9104021,1420
26	289246,0626	9104020,4810
27	289243,6016	9104010,2200
28	289256,3454	9104006,7520
29	289280,3736	9104000,6040
30	289313,3565	9103993,3800
31	289322,0682	9103991,9900
32	289295,7820	9103874,5140
33	289300,3786	9103871,4520
34	289289,8788	9103833,0290
35	289273,4258	9103772,9350
36	289188,3819	9103796,9090
37	289163,2347	9103659,3880
38	289086,3415	9103668,7490
39	289085,1056	9103666,2790
40	289081,9486	9103651,1370
41	289078,8865	9103636,4490
42	289075,8244	9103621,7610
43	289072,7623	9103607,0730
44	289069,7002	9103592,3860
45	289066,8084	9103578,5150
46	289063,5760	9103563,0100
47	289059,4405	9103543,1740
48	289033,9749	9103543,1530

49	289023,5476	9103544,1610
50	289021,5281	9103529,2760
51	289018,8156	9103512,4970
52	289018,5356	9103512,5540
53	288979,8676	9103519,4700
54	288979,8959	9103518,0160
55	288920,6720	9103530,0720
56	288911,3709	9103531,6190
57	288899,8638	9103536,5210
58	288892,3501	9103540,7590
59	288834,6241	9103555,8110
60	288827,1840	9103566,8370
61	288820,6080	9103576,1850
62	288786,8640	9103609,8330
63	288751,7034	9103633,7190
64	288717,4983	9103663,1470
65	288698,6759	9103673,5610
66	288668,8659	9103676,0450
67	288625,1062	9103676,6190
68	288550,8678	9103670,4080
69	288493,7318	9103668,4970
70	288429,7167	9103666,6820
71	288414,0473	9103661,7140
72	288386,8169	9103665,4400
73	288312,2918	9103655,4080
74	288292,3176	9103656,2840
75	288247,8148	9103668,5130
76	288185,9866	9103681,7620
77	288160,3381	9103699,4270
78	288159,6890	9103728,4570
79	288148,9523	9103786,4360
80	288147,3418	9103807,9090
81	288155,3944	9103840,6560
82	288166,6679	9103865,3500
83	288165,6613	9103895,3460
84	288164,4598	9103922,7390
85	288164,3042	9103923,3380
86	288152,3747	9103955,7400
87	288141,1011	9103974,2610
88	288114,1252	9103997,6130
89	288092,3834	9104013,7180
90	288066,6153	9104026,1990
91	288052,1208	9104041,0960
92	288041,6996	9104060,3260
93	288033,1568	9104076,7710
94	288021,1969	9104096,2050
95	288100,9438	9104210,8960
96	288126,7920	9104241,8210
97	288175,0453	9104317,5730
98	288200,8414	9104373,5670
99	288219,3547	9104414,9670
100	288240,1068	9104409,3350
101	288245,3076	9104416,6630
102	288278,2482	9104447,6190
103	288320,1122	9104468,1490
104	288341,5732	9104473,0750
105	288351,9293	9104465,4030
106	288365,1503	9104470,4940
107	288387,0532	9104475,8000
108	288401,6074	9104470,2420
109	288421,5204	9104459,1290
110	288430,2517	9104459,5250
111	288435,4111	9104472,2250
112	288436,9986	9104482,1470
113	288430,2517	9104493,2600
114	288441,7611	9104516,6760
115	288433,8236	9104526,9940
116	288465,2273	9104621,5830
117	288527,9373	9104599,5160
TABELA 67 – ZEIS 1 SÍTIO WANDERLEY		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	284963,7694	9110646,7200
2	284979,1784	9110638,4460
3	285015,8008	9110618,7810

4	285038,5044	9110606,5900
5	285066,3019	9110591,6640
6	285077,6866	9110585,5510
7	285098,7507	9110574,2400
8	285114,8837	9110565,5770
9	285128,9191	9110557,8610
10	285140,2839	9110551,2510
11	285138,9082	9110551,5270
12	285091,8990	9110560,9540
13	285066,5539	9110566,0370
14	285040,3642	9110571,2890
15	285024,8447	9110574,3270
16	285012,1092	9110576,8960
17	284999,7714	9110579,2590
18	284970,7643	9110585,2850
19	284954,5131	9110588,6610
20	284947,5601	9110590,0160
21	284943,9540	9110562,0990
22	284942,5284	9110551,0630
23	284940,9357	9110538,7330
24	284933,6017	9110539,4900
25	284889,1974	9110545,5470
26	284889,1378	9110545,2890
27	284886,5986	9110534,2980
28	284886,4663	9110533,9120
29	284884,6573	9110528,6320
30	284882,5721	9110522,5460
31	284880,0933	9110515,5580
32	284880,0409	9110515,4110
33	284879,9561	9110514,7350
34	284879,5026	9110511,1230
35	284878,4378	9110503,4560
36	284877,0060	9110500,1290
37	284926,8926	9110491,7150
38	284934,5844	9110490,8770
39	284938,3276	9110518,3690
40	284938,5570	9110520,0530
41	284959,7949	9110515,4800
42	284968,4508	9110513,6160
43	285016,9216	9110503,1780
44	285016,3634	9110500,6520
45	285006,3422	9110459,1800
46	285002,6577	9110443,9320
47	284999,0818	9110429,1330
48	284999,4985	9110429,0630
49	285003,1223	9110428,4540
50	285001,1761	9110419,9530
51	284997,5722	9110403,1210
52	284992,7250	9110380,4820
53	284982,7716	9110382,4550
54	284928,8926	9110393,4970
55	284921,9911	9110394,6600
56	284906,6699	9110299,9620
57	284903,7522	9110251,7340
58	284900,6150	9110199,8800
59	284896,0818	9110202,1090
60	284784,4497	9110257,0180
61	284833,9214	9110347,1880
62	284835,6171	9110350,4350
63	284847,2197	9110372,1650
64	284854,1467	9110384,6360
65	284856,0014	9110387,4520
66	284859,0114	9110393,3820
67	284861,7025	9110398,2720
68	284869,7505	9110412,0940
69	284884,2718	9110436,9370
70	284890,6365	9110446,0750
71	284888,0033	9110446,5600
72	284872,9813	9110449,5950
73	284855,4020	9110454,8830
74	284844,8438	9110460,0030
75	284829,3890	9110468,4490
76	284821,5588	9110473,0980
77	284815,0905	9110477,7420
78	284799,2496	9110486,5050

79	284778,5301	9110497,9670
80	284767,4495	9110504,0970
81	284760,8418	9110507,7520
82	284750,2115	9110513,6330
83	284731,6977	9110523,8410
84	284759,9237	9110579,1540
85	284763,1854	9110577,3740
86	284779,3373	9110568,5620
87	284810,9074	9110551,3390
88	284811,0330	9110551,6570
89	284811,5141	9110551,3930
90	284827,1100	9110579,7380
91	284792,6579	9110599,4480
92	284775,4449	9110608,1080
93	284775,8532	9110608,8690
94	284779,2927	9110615,2860
95	284788,6064	9110632,6600
96	284796,1389	9110646,7120
97	284802,9169	9110659,3560
98	284812,9190	9110678,0140
99	284815,1949	9110676,7870
100	284883,1253	9110641,4440
101	284901,7681	9110678,7460
102	284902,3011	9110679,8690
103	284953,9754	9110651,9940
104	284963,7694	9110646,7200

TABELA 68 – ZEIS 1 TAMARINEIRA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290417,6483	9111921,5680
2	290413,7291	9111908,4510
3	290411,7257	9111908,9650
4	290407,1294	9111886,4120
5	290405,8538	9111880,1530
6	290401,8023	9111880,7730
7	290401,2532	9111878,9530
8	290394,7720	9111863,7770
9	290386,4325	9111850,5180
10	290381,9013	9111855,5860
11	290381,7523	9111855,1590
12	290380,9946	9111854,7670
13	290376,4425	9111852,4180
14	290366,0528	9111851,8180
15	290361,2772	9111851,7940
16	290350,4593	9111851,7380
17	290339,8461	9111853,7490
18	290327,9287	9111860,3810
19	290315,2675	9111862,3820
20	290315,2032	9111862,3170
21	290301,8050	9111849,2320
22	290301,7321	9111849,1610
23	290282,9953	9111833,2270
24	290282,8955	9111833,2930
25	290282,5456	9111832,8820
26	290278,6985	9111829,4740
27	290272,6973	9111824,2030
28	290261,0782	9111813,9970
29	290242,0926	9111798,4680
30	290238,7428	9111794,0200
31	290220,4023	9111803,7250
32	290219,1881	9111804,3670
33	290229,3425	9111827,0580
34	290237,1361	9111848,8870
35	290239,2324	9111853,3880
36	290241,1718	9111859,9000
37	290243,1326	9111863,4780
38	290247,1386	9111870,7860
39	290249,0316	9111874,1030
40	290263,6136	9111864,9750
41	290266,5029	9111867,6210
42	290277,0955	9111880,1580
43	290294,3376	9111903,0580
44	290302,5893	9111913,8520
45	290324,2703	9111941,6410
46	290337,1896	9111960,5230

47	290346,3985	9111973,9820
48	290348,1247	9111976,5040
49	290348,5679	9111977,1530
50	290412,5807	9111935,7280
51	290417,9029	9111931,6980
52	290417,4445	9111926,0590
53	290417,6483	9111921,5680

TABELA 69 – ZEIS 1 TEJUPÓ

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	283836,1247	9104908,1150
2	283866,5027	9104871,2190
3	283852,7185	9104840,3180
4	283842,2890	9104821,9420
5	283830,8085	9104810,8680
6	283826,2864	9104806,2280
7	283830,5352	9104780,8860
8	283844,9378	9104723,6070
9	283852,7185	9104683,3790
10	283855,0824	9104671,1960
11	283834,1773	9104641,3300
12	283809,8419	9104612,1940
13	283784,9289	9104586,4010
14	283770,4717	9104568,9270
15	283764,3165	9104557,5640
16	283759,8467	9104527,7650
17	283768,6207	9104499,1260
18	283776,4014	9104474,7900
19	283779,3010	9104475,3660
20	283798,0880	9104479,0940
21	283817,9537	9104478,5980
22	283836,3294	9104476,1150
23	283849,4076	9104475,6180
24	283858,0160	9104474,9560
25	283869,4387	9104475,1210
26	283873,7429	9104477,9360
27	283928,0423	9104483,3990
28	283962,3105	9104480,9160
29	283957,8407	9104438,3700
30	283947,7424	9104358,9080
31	283945,4247	9104275,6370
32	283942,0747	9104245,8890
33	283773,9187	9104197,2850
34	283702,4962	9104176,6410
35	283661,5096	9104318,0660
36	283657,9921	9104356,0860
37	283665,6161	9104375,5000
38	283679,0466	9104400,7400
39	283698,5527	9104432,3710
40	283550,1782	9104414,7980
41	283458,4124	9104666,4160
42	283478,8403	9104678,8230
43	283483,5853	9104681,2930
44	283494,0502	9104686,8180
45	283500,4202	9104690,0680
46	283504,4502	9104692,7980
47	283514,2651	9104700,5330
48	283520,5051	9104705,1480
49	283522,1301	9104706,5780
50	283528,3051	9104710,2830
51	283533,1150	9104712,4930
52	283539,2900	9104715,5480
53	283545,5950	9104717,3030
54	283552,5499	9104716,9780
55	283564,7049	9104714,7680
56	283574,1492	9104714,5250
57	283579,4809	9104713,9190
58	283587,4380	9104712,8670
59	283595,5971	9104709,3960
60	283601,4538	9104705,8410
61	283607,1086	9104703,1750
62	283611,7940	9104701,6400
63	283615,1061	9104701,3580
64	283618,7414	9104702,5690
65	283624,8809	9104706,2450

66	283629,8894	9104710,7690
67	283635,2257	9104717,6780
68	283641,0982	9104722,5790
69	283647,6213	9104730,8030
70	283648,6714	9104732,5400
71	283653,1549	9104739,3260
72	283657,2596	9104744,9520
73	283661,3544	9104750,1510
74	283665,7166	9104758,1880
75	283669,1095	9104764,6110
76	283670,3617	9104769,0940
77	283670,5307	9104772,9150
78	283669,8366	9104780,1210
79	283669,8366	9104783,5950
80	283670,4424	9104787,5530
81	283674,1988	9104793,1270
82	283676,0556	9104796,2220
83	283678,1976	9104799,7920
84	283681,0654	9104806,7990
85	283683,8928	9104813,3230
86	283690,7997	9104822,8550
87	283691,8022	9104824,3930
88	283693,7483	9104827,3790
89	283696,1314	9104832,1050
90	283696,7777	9104836,5080
91	283698,4337	9104841,3550
92	283698,3043	9104843,1290
93	283698,1510	9104845,2320
94	283696,9796	9104847,9380
95	283694,6773	9104850,6450
96	283690,5978	9104852,4620
97	283687,2453	9104854,4410
98	283684,5795	9104856,0170
99	283681,4693	9104859,7730
100	283680,6211	9104861,2670
101	283680,9846	9104862,9640
102	283683,4485	9104866,1550
103	283686,1951	9104868,9420
104	283688,6590	9104871,2850
105	283691,3652	9104872,4560
106	283695,5255	9104872,4560
107	283697,4296	9104872,4410
108	283700,8168	9104872,4160
109	283704,7348	9104871,8100
110	283707,3198	9104870,8810
111	283709,7029	9104868,4170
112	283712,0456	9104866,1140
113	283715,6809	9104865,3870
114	283720,2047	9104865,0640
115	283724,5266	9104865,7910
116	283725,1423	9104866,3090
117	283726,3038	9104867,2860
118	283726,8523	9104871,4990
119	283727,7573	9104876,0230
120	283729,4773	9104878,4510
121	283734,9320	9104882,5520
122	283741,2019	9104886,4950
123	283743,9813	9104886,3010
124	283750,7036	9104884,8140
125	283758,8809	9104885,5830
126	283768,7375	9104886,3010
127	283781,7690	9104886,4000
128	283788,3716	9104888,4490
129	283805,4475	9104888,4490
130	283811,3671	9104890,7260
131	283819,1082	9104896,1910
132	283831,1751	9104903,7040
133	283836,1247	9104908,1150

TABELA 70 – ZEIS 1 TORRÕES

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286620,8869	9109458,3400
2	286643,4888	9109378,3210
3	286653,5776	9109343,2720
4	286667,3671	9109297,2060

5	286687,1323	9109230,0180
6	286688,2821	9109226,1100
7	286647,7200	9109211,9860
8	286609,3635	9109197,8170
9	286576,7183	9109182,3930
10	286575,8865	9109182,0000
11	286581,5907	9109174,2530
12	286592,4802	9109158,8730
13	286605,3112	9109140,6190
14	286611,5154	9109131,7930
15	286614,9584	9109126,5420
16	286621,2237	9109116,1960
17	286628,5757	9109104,0570
18	286630,7878	9109099,5320
19	286640,2958	9109080,0830
20	286649,9034	9109053,7400
21	286650,4527	9109052,2340
22	286711,7632	9109079,1010
23	286725,8606	9109032,4910
24	286727,1543	9109024,3590
25	286733,4636	9109014,5690
26	286733,9028	9109013,8380
27	286733,9734	9109013,4380
28	286734,0375	9109013,0740
29	286733,9028	9109012,3100
30	286733,0161	9109010,9230
31	286731,4565	9109008,7250
32	286729,4773	9109005,9370
33	286727,1078	9109002,2860
34	286726,0028	9109000,3440
35	286725,5270	9108999,5080
36	286724,3214	9108997,5730
37	286731,1668	9108995,8370
38	286744,9597	9108987,7650
39	286746,5834	9108990,5130
40	286749,2560	9108995,2120
41	286749,3076	9108995,3020
42	286752,3327	9109000,6210
43	286755,5919	9109006,3520
44	286767,9165	9109028,0210
45	286772,5808	9109036,1500
46	286779,3979	9109047,9450
47	286783,6465	9109055,2960
48	286788,8235	9109064,2540
49	286794,1783	9109073,5190
50	286797,7218	9109079,6500
51	286804,4541	9109089,5680
52	286804,1103	9109090,7040
53	286807,5637	9109096,6450
54	286809,4866	9109099,9480
55	286814,8344	9109109,1350
56	286818,7947	9109115,9370
57	286825,6359	9109111,9520
58	286834,6258	9109106,5960
59	286842,8750	9109101,6910
60	286849,2886	9109097,9410
61	286859,8519	9109091,7630
62	286862,7357	9109090,1260
63	286866,1152	9109088,9430
64	286867,7484	9109088,6580
65	286870,0652	9109088,9940
66	286872,5422	9109089,9630
67	286873,9333	9109090,9370
68	286878,2238	9109093,8550
69	286879,5924	9109096,0090
70	286881,2546	9109098,6260
71	286888,7755	9109107,8870
72	286891,9507	9109111,9970
73	286892,6296	9109111,2140
74	286894,1925	9109109,4120
75	286898,4371	9109104,5180
76	286908,8075	9109093,2850
77	286918,4080	9109083,0090
78	286928,4811	9109071,9870
79	286934,0492	9109065,6750

80	286945,588	9109052,5670
81	286953,8529	9109043,5220
82	286959,9405	9109036,9440
83	286965,5941	9109030,8350
84	286968,4086	9109025,6430
85	286971,3588	9109021,2570
86	286976,8129	9109013,1480
87	286980,3145	9109007,9420
88	286990,7749	9108992,3900
89	286992,8968	9108989,2350
90	286996,9502	9108983,9570
91	287001,5183	9108978,0100
92	287009,3613	9108967,7980
93	287012,0129	9108964,3460
94	287022,2978	9108950,9560
95	287024,5422	9108948,0330
96	287029,5918	9108941,9830
97	287038,7885	9108930,9630
98	287047,2867	9108920,7800
99	287050,7081	9108916,6800
100	287054,8104	9108911,8180
101	287062,5524	9108903,0770
102	287066,8791	9108898,1920
103	287071,8637	9108892,5640
104	287082,9362	9108880,0630
105	287096,1060	9108865,1510
106	287106,4202	9108853,2560
107	287103,5014	9108849,0150
108	287101,4349	9108845,4180
109	287098,5530	9108840,4020
110	287093,6320	9108831,8360
111	287086,1147	9108818,7520
112	287082,9819	9108813,3240
113	287073,6273	9108797,1160
114	287068,3200	9108787,9210
115	287064,2241	9108780,8250
116	287057,9074	9108769,8800
117	287053,1366	9108761,6150
118	287045,4598	9108747,6680
119	287039,3993	9108736,3410
120	287012,6284	9108683,0030
121	287033,9596	9108667,2470
122	287028,2767	9108661,3660
123	287025,9131	9108658,9190
124	287018,2019	9108651,9000
125	287012,7243	9108646,9140
126	286995,9801	9108632,3850
127	286975,8736	9108611,4240
128	286962,1634	9108587,0430
129	286953,1493	9108571,0130
130	286945,5811	9108557,5540
131	286934,0538	9108537,0550
132	286926,5081	9108541,4110
133	286924,4755	9108542,6870
134	286921,4700	9108544,5740
135	286916,7932	9108536,7200
136	286911,1707	9108527,2790
137	286903,3716	9108514,1820
138	286897,7046	9108505,0050
139	286882,9608	9108481,1280
140	286879,4959	9108475,6920
141	286868,6121	9108458,9930
142	286865,8820	9108454,8050
143	286855,7652	9108439,2050
144	286848,3185	9108427,2840
145	286841,8076	9108416,8600
146	286831,9571	9108401,0900
147	286819,1253	9108379,6590
148	286829,9955	9108373,7890
149	286840,7440	9108367,9030
150	286845,9259	9108365,0660
151	286842,9196	9108358,0620
152	286840,5735	9108352,5960
153	286831,1991	9108327,8810
154	286824,9498	9108311,0680

155	286821,1906	9108301,2620
156	286811,3041	9108275,4730
157	286806,0029	9108261,1050
158	286801,7508	9108249,5800
159	286797,3211	9108237,8300
160	286787,8707	9108213,5080
161	286773,1255	9108172,2260
162	286768,3955	9108159,9580
163	286755,9062	9108154,7900
164	286744,2760	9108149,9770
165	286739,6286	9108148,0540
166	286724,7288	9108141,8880
167	286701,9573	9108132,3850
168	286674,6642	9108120,7760
169	286650,4792	9108110,4890
170	286643,5512	9108107,5420
171	286631,6537	9108103,0840
172	286609,0393	9108094,6090
173	286608,5027	9108094,4080
174	286579,4580	9108083,5240
175	286553,2252	9108073,6940
176	286541,1807	9108069,1800
177	286537,7754	9108067,3260
178	286528,0602	9108062,0370
179	286524,8524	9108071,0980
180	286499,1524	9108127,4880
181	286536,5624	9108142,8180
182	286547,7924	9108118,6680
183	286561,6189	9108128,2150
184	286542,6869	9108150,9260
185	286561,1924	9108160,3480
186	286564,5524	9108162,2780
187	286556,3718	9108175,1870
188	286549,7274	9108184,9120
189	286546,7308	9108190,6340
190	286543,2524	9108194,9380
191	286537,0324	9108204,1080
192	286532,6524	9108209,5280
193	286529,6824	9108214,9780
194	286524,3824	9108223,9980
195	286517,7824	9108234,0380
196	286512,6980	9108240,1690
197	286473,7062	9108180,4700
198	286449,5989	9108140,0920
199	286434,4040	9108113,4690
200	286422,4406	9108092,5080
201	286411,1947	9108075,8250
202	286404,9089	9108065,8600
203	286400,9502	9108058,7130
204	286396,9795	9108046,1990
205	286396,0721	9108037,2290
206	286396,1803	9108027,2280
207	286396,2416	9108021,5660
208	286396,6236	9108007,9420
209	286395,5536	9108007,9990
210	286391,7236	9108008,2040
211	286378,8335	9108008,3390
212	286362,4317	9108008,4460
213	286343,9712	9108008,1540
214	286334,9349	9108008,7550
215	286320,0646	9108011,5310
216	286296,9653	9108017,6400
217	286271,3360	9108024,4170
218	286255,6675	9108029,3330
219	286236,6767	9108035,2910
220	286214,3650	9108042,2910
221	286192,8947	9108049,0270
222	286173,7437	9108055,0360
223	286139,4954	9108065,7810
224	286106,8400	9108076,9640
225	286075,6119	9108087,7770
226	286060,8990	9108092,7550
227	286008,2072	9108109,5860
228	285965,5995	9108123,4590
229	285931,4737	9108134,5690

230	285915,6225	9108139,8240
231	285895,6348	9108146,5930
232	285951,3007	9108161,5290
233	286016,3481	9108165,9570
234	286019,0780	9108179,8450
235	286021,9464	9108194,4390
236	286027,9594	9108225,0310
237	286034,0933	9108254,8060
238	286035,9803	9108263,6290
239	286041,5090	9108289,4800
240	286043,4859	9108298,9010
241	286047,5887	9108320,6950
242	286049,6601	9108331,6980
243	286053,7338	9108346,8980
244	286060,2656	9108373,4060
245	286063,9103	9108391,0950
246	286066,3301	9108401,0810
247	286069,8303	9108415,0080
248	286071,6670	9108421,8650
249	286076,9178	9108440,3380
250	286079,9990	9108458,0810
251	286082,0344	9108469,3610
252	286085,5063	9108487,2420
253	286088,1211	9108500,6980
254	286092,3508	9108522,1160
255	286096,4022	9108537,6470
256	286099,2773	9108548,6680
257	286101,3444	9108558,0520
258	286104,9135	9108575,0800
259	286107,6799	9108586,3490
260	286110,9131	9108598,5420
261	286113,4566	9108608,1910
262	286118,7109	9108628,4550
263	286123,5130	9108646,3010
264	286135,4339	9108696,7770
265	286141,0519	9108720,5640
266	286164,2632	9108819,2730
267	286186,7409	9108910,3420
268	286189,0918	9108920,8200
269	286194,0264	9108942,8120
270	286195,8498	9108950,9390
271	286201,1050	9108974,2020
272	286206,1685	9108995,8710
273	286210,5817	9109014,7590
274	286212,1512	9109021,0790
275	286217,8125	9109043,8790
276	286223,0341	9109064,9070
277	286224,9080	9109072,3120
278	286247,3945	9109167,1080
279	286250,0379	9109180,4680
280	286256,4980	9109208,6150
281	286261,0259	9109228,1400
282	286265,8445	9109248,9180
283	286273,3430	9109281,8690
284	286277,2527	9109299,1530
285	286281,8129	9109319,3130
286	286285,4175	9109334,0800
287	286285,6530	9109334,0680
288	286286,0981	9109338,4150
289	286295,5227	9109376,5020
290	286298,5798	9109388,8560
291	286298,6996	9109389,3400
292	286298,8841	9109391,0010
293	286299,2246	9109394,0660
294	286297,9014	9109399,6870
295	286297,2557	9109404,4040
296	286294,9610	9109413,6620
297	286290,1817	9109432,9440
298	286287,1534	9109445,1630
299	286286,1390	9109448,5430
300	286280,9782	9109465,7390
301	286281,7724	9109465,9470
302	286281,6674	9109466,3660
303	286300,7923	9109471,9590

304	286304,9350	9109473,4450
305	286321,7177	9109478,0450
306	286324,0818	9109471,5270
307	286324,2541	9109471,2230
308	286324,8474	9109470,1760
309	286330,6683	9109450,7020
310	286335,5366	9109452,6070
311	286360,5812	9109445,5220
312	286383,8035	9109438,9520
313	286384,7558	9109438,5260
314	286387,3020	9109435,4910
315	286499,7178	9109594,1460
316	286500,6822	9109594,8880
317	286512,3932	9109609,7650
318	286527,6334	9109629,3600
319	286560,0124	9109670,9320
320	286564,3788	9109656,8520
321	286568,9506	9109642,1090
322	286573,3536	9109627,9100
323	286577,2865	9109613,3620
324	286580,8015	9109600,3600
325	286591,4806	9109561,4950
326	286598,0726	9109538,6470
327	286608,4083	9109502,8230
328	286620,8869	9109458,3400
329	286631,7914	9109970,8910
330	286635,2803	9109953,4380
331	286646,0317	9109924,3680
332	286647,3353	9109918,0090
333	286651,8551	9109895,9610
334	286619,3951	9109887,3800
335	286619,3951	9109866,3450
336	286610,6903	9109871,0550
337	286588,3594	9109883,7550
338	286583,3852	9109876,7700
339	286568,3971	9109849,3860
340	286535,7840	9109789,8030
341	286618,4935	9109734,8340
342	286620,4435	9109724,8680
343	286592,3489	9109699,0660
344	286566,8695	9109679,6980
345	286559,6347	9109672,7570
346	286513,5561	9109613,8530
347	286444,9968	9109678,2270
348	286463,8088	9109720,5340
349	286490,7226	9109800,6770
350	286500,6122	9109871,0100
351	286512,9397	9109958,6820
352	286536,0115	9109955,4010
353	286537,3609	9109980,2750
354	286537,4667	9109985,1430
355	286630,6348	9109988,6240
356	286631,7914	9109970,8910

TABELA 71 – ZEIS 1 UR-5 / TRÉS CARNEIRO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	284593,5418	9101696,1960
2	284606,0408	9101653,3050
3	284684,8586	9101673,0140
4	284695,8644	9101650,4160
5	284697,2735	9101621,2680
6	284701,1876	9101540,3010
7	284719,2193	9101514,4220
8	284747,5088	9101485,0810
9	284775,6692	9101472,2620
10	284984,4983	9101477,5920
11	284993,7801	9101476,6740
12	284993,7801	9101422,0420
13	284995,8549	9101376,5250
14	285003,8979	9101278,3640
15	285019,3127	9101120,0590
16	285062,4302	9101082,7670
17	285136,2639	9101018,9070
18	285155,8626	9100971,1200

19	285063,1495	9100950,2460
20	285054,9508	9100948,0030
21	285057,4081	9100804,0560
22	285057,4541	9100791,7260
23	285036,0908	9100792,3350
24	285020,8989	9100783,9820
25	285006,8547	9100762,7540
26	284995,0797	9100733,4110
27	284992,4552	9100719,9040
28	285001,6662	9100706,9710
29	285020,2622	9100695,1700
30	285037,0701	9100686,5870
31	285017,4452	9100577,5570
32	285031,2873	9100573,6380
33	285088,4774	9100557,4470
34	285080,3415	9100548,5470
35	284985,2843	9100453,4900
36	284874,6038	9100567,8410
37	284874,1067	9100581,9830
38	284855,4636	9100597,6190
39	284815,5220	9100610,5410
40	284805,2527	9100607,3960
41	284797,8862	9100600,3820
42	284785,4596	9100512,7480
43	284792,6678	9100459,8210
44	284354,6698	9100348,8270
45	284295,7407	9100333,8930
46	284292,4079	9100333,0630
47	284283,2120	9100349,1560
48	284276,4504	9100362,4090
49	284271,5820	9100368,4940
50	284267,5097	9100373,2640
51	284261,8631	9100376,4330
52	284252,5142	9100377,8260
53	284245,3468	9100381,7470
54	284240,6137	9100387,8330
55	284239,2613	9100395,0000
56	284237,3681	9100417,1780
57	284235,2044	9100439,6270
58	284233,3111	9100467,3500
59	284230,7417	9100489,9340
60	284231,2369	9100507,3740
61	284231,8235	9100521,9840
62	284230,7417	9100537,9410
63	284226,5445	9100551,6520
64	284222,6277	9100564,4470
65	284219,9230	9100579,3220
66	284219,5173	9100596,0910
67	284219,1850	9100603,8740
68	284219,1844	9100603,8870
69	284217,9535	9100632,7170
70	284217,6640	9100635,4480
71	284217,6241	9100657,7570
72	284217,0832	9100673,5800
73	284211,7852	9100690,9220
74	284210,6155	9100701,9590
75	284211,1329	9100721,3170
76	284205,0537	9100754,4420
77	284204,5336	9100759,3490
78	284199,5029	9100782,7130
79	284196,1221	9100809,0830
80	284195,3107	9100824,6350
81	284196,5155	9100835,0100
82	284196,2733	9100850,1840
83	284194,2334	9100856,5430
84	284190,8480	9100867,0980
85	284174,4018	9100890,9350
86	284156,0300	9100913,9800
87	284144,7336	9100931,6040
88	284134,0502	9100945,9390
89	284124,4487	9100956,2160
90	284117,6433	9100961,3120
91	284108,7556	9100972,2710
92	284096,7259	9100982,7220
93	284083,0674	9100994,2170

94	284068,8680	9101007,8750
95	284059,5976	9101022,6990
96	284053,3162	9101031,6760
97	284039,8315	9101041,9760
98	284038,4625	9101043,3120
99	284020,7251	9101055,7480
100	284011,2588	9101066,1610
101	283996,3832	9101079,5490
102	283990,8386	9101085,4990
103	283985,0236	9101097,3990
104	283978,6677	9101112,1400
105	283973,9345	9101124,0400
106	283973,1482	9101145,3910
107	283972,0412	9101158,1190
108	283972,1765	9101167,3150
109	283968,3827	9101174,0920
110	283967,9957	9101174,7830
111	283962,5460	9101184,5180
112	283956,4895	9101198,5540
113	283951,3506	9101209,2370
114	283953,9459	9101216,3690
115	283955,5330	9101220,7300
116	283958,2208	9101224,3920
117	283968,3660	9101238,2150
118	283971,1023	9101242,0540
119	283981,9132	9101251,5650
120	283983,1342	9101256,2820
121	283984,8884	9101263,0600
122	283982,6948	9101271,2070
123	283981,1018	9101277,1240
124	283967,3581	9101308,4230
125	283963,5969	9101315,6390
126	283967,0376	9101325,9430
127	283969,7444	9101329,2870
128	283970,9905	9101330,8260
129	283973,9345	9101334,4630
130	283983,1303	9101338,5200
131	283989,4475	9101339,1050
132	283997,7355	9101339,8720
133	284011,2588	9101344,3350
134	284019,7784	9101350,4200
135	284022,9955	9101355,4300
136	284028,0276	9101363,2670
137	284031,6789	9101373,4100
138	284032,5888	9101382,5080
139	284033,1710	9101388,3300
140	284033,2255	9101388,8750
141	284033,2486	9101389,1050
142	284033,4370	9101390,9900
143	284034,5188	9101404,2430
144	284039,5224	9101415,8730
145	284040,1670	9101417,0480
146	284045,6056	9101426,9660
147	284046,4193	9101428,4490
148	284048,5622	9101430,6670
149	284054,1276	9101436,4280
150	284055,9104	9101439,2270
151	284061,6747	9101448,2780
152	284067,8456	9101462,2310
153	284069,5441	9101474,0230
154	284071,3289	9101483,9020
155	284071,6972	9101492,3730
156	284073,9069	9101502,8690
157	284077,3442	9101508,7000
158	284079,2136	9101510,7550
159	284080,5808	9101512,2580
160	284083,9157	9101515,2970
161	284085,5248	9101517,6280
162	284085,6455	9101517,8260
163	284086,6127	9101518,8890
164	284096,3722	9101531,4110
165	284096,4188	9101531,5310
166	284099,4412	9101539,3290
167	284102,2557	9101549,8940
168	284102,8086	9101551,9690

169	284103,4310	9101554,3060
170	284103,9220	9101561,7330
171	284100,8530	9101566,8270
172	284103,7992	9101578,0600
173	284107,4821	9101590,8890
174	284113,9040	9101602,5930
175	284118,2237	9101612,2490
176	284120,9858	9101621,7020
177	284121,8363	9101629,9230
178	284121,8475	9101630,0320
179	284122,0906	9101632,3820
180	284122,2134	9101638,0290
181	284121,2967	9101640,5090
182	284118,9974	9101646,7290
183	284090,2020	9101689,9540
184	284090,0057	9101690,2480
185	284085,9466	9101696,3420
186	284056,9943	9101770,0270
187	284063,2663	9101771,6010
188	284424,2130	9101862,2070
189	284468,7598	9101873,3890
190	284534,4644	9101889,8830
191	284536,9195	9101890,4990
192	284593,5418	9101696,1960

TABELA 72 – ZEIS 1 VACARIA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	283694,2060	9105455,2320
2	283696,0149	9105465,5230
3	283695,9626	9105465,9420
4	283700,9138	9105485,5540
5	283702,4246	9105493,1170
6	283704,0643	9105500,9760
7	283704,7265	9105504,1500
8	283709,4890	9105525,1840
9	283710,1163	9105528,6750
10	283712,8746	9105527,9980
11	283789,4716	9105513,9750
12	283784,7091	9105477,0660
13	283783,2539	9105448,8880
14	283780,2905	9105427,0860
15	283778,0680	9105408,5120
16	283774,0993	9105386,4460
17	283769,4955	9105374,2220
18	283767,7493	9105362,4750
19	283768,2255	9105347,7110
20	283768,3843	9105327,5500
21	283768,0668	9105311,8330
22	283758,3830	9105313,5790
23	283751,0805	9105318,6590
24	283746,4767	9105329,2960
25	283741,7142	9105340,2500
26	283736,6342	9105346,2820
27	283729,9667	9105351,9970
28	283721,7117	9105355,4900
29	283713,9329	9105357,8710
30	283705,2016	9105359,6170
31	283695,8354	9105360,5700
32	283687,7391	9105361,9980
33	283678,2141	9105362,9510
34	283666,3607	9105363,5860
35	283665,8316	9105364,1150
36	283672,4719	9105387,1650
37	283675,6212	9105400,6280
38	283686,5097	9105417,7170
39	283694,2060	9105455,2320

TABELA 73 – ZEIS 1 VIETNÁ

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286823,9105	9107583,8790
2	286821,7663	9107577,1440
3	286795,6115	9107583,6270
4	286791,1120	9107584,8480

5	286767,5017	9107591,5750
6	286734,6220	9107601,5410
7	286706,9458	9107610,4100
8	286689,0911	9107616,2450
9	286702,8580	9107654,8870
10	286702,8574	9107656,5020
11	286702,7223	9107672,8030
12	286703,0677	9107690,5080
13	286703,1649	9107694,7480
14	286703,8936	9107699,1690
15	286705,0217	9107706,0150
16	286705,1712	9107706,8260
17	286707,3853	9107718,8350
18	286709,3670	9107729,3900
19	286711,2299	9107739,3120
20	286712,7242	9107757,4650
21	286713,4317	9107760,2430
22	286716,2071	9107771,9990
23	286717,0398	9107778,3670
24	286718,5582	9107786,0080
25	286722,1962	9107799,4130
26	286726,9232	9107813,9510
27	286729,5096	9107823,6730
28	286733,2555	9107837,9430
29	286737,8041	9107858,5450
30	286739,7663	9107868,2670
31	286744,4544	9107896,0300
32	286753,2394	9107948,0540
33	286759,9178	9107987,6040
34	286775,2115	9107994,4090
35	286803,4313	9108006,4050
36	286825,0957	9108015,5860
37	286856,8879	9108028,9910
38	286881,1678	9108039,4760
39	286903,2546	9108049,1550
40	286921,4073	9108056,9900
41	286931,2725	9108061,2470
42	286939,0790	9108063,9180
43	286943,7157	9108064,3240
44	286948,3525	9108063,9180
45	286953,7979	9108062,5140
46	286964,1130	9108058,4260
47	286971,2707	9108055,7510
48	286979,2018	9108052,7880
49	286987,3244	9108049,7170
50	286986,7080	9108047,9840
51	286981,2811	9108032,7240
52	286972,5484	9108008,2030
53	286961,6371	9107977,8810
54	286956,5062	9107963,3290
55	286950,7641	9107947,2670
56	286942,2243	9107922,8030
57	286938,8776	9107913,1010
58	286932,5523	9107894,7660
59	286923,3524	9107868,0970
60	286920,7779	9107860,6340
61	286916,0230	9107846,9600
62	286910,5315	9107831,8320
63	286905,3450	9107817,5440
64	286901,9650	9107808,2330
65	286900,9812	9107805,5220
66	286897,9800	9107797,2550
67	286893,9455	9107786,1400
68	286885,3595	9107761,4850
69	286883,1576	9107754,9680
70	286878,9661	9107742,5620
71	286872,3515	9107722,9840
72	286865,1400	9107701,6390
73	286858,8421	9107683,1220
74	286853,9705	9107669,4890
75	286849,1374	9107655,9630
76	286846,5515	9107648,7260
77	286843,2633	9107639,5230
78	286838,6154	9107626,5150
79	286832,7569	9107610,1200

80	286827,2006	9107594,2120
81	286823,9105	9107583,8790
TABELA 74 – ZEIS 1 VILA ARRAES		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	283924,1524	9110516,4170
2	283938,2252	9110510,2030
3	283944,6219	9110511,5740
4	283950,9273	9110509,4720
5	283948,4600	9110502,8010
6	283948,5400	9110488,3290
7	283949,6365	9110488,3290
8	283952,6521	9110481,1320
9	283948,5400	9110478,3910
10	283948,6085	9110475,4440
11	283949,9792	9110473,4560
12	283952,8578	9110469,6870
13	283954,6397	9110469,2760
14	283958,9345	9110468,9220
15	283964,0144	9110468,3030
16	283967,0694	9110467,7430
17	283969,1041	9110467,3530
18	283977,4215	9110466,1600
19	283979,3447	9110465,8560
20	283984,1185	9110464,5770
21	283987,5136	9110463,6280
22	283989,0408	9110463,0960
23	283992,3982	9110461,9270
24	283994,7625	9110461,1010
25	284000,1237	9110458,5810
26	284005,8003	9110456,0600
27	284010,5309	9110452,2800
28	284018,7306	9110447,5550
29	284033,5779	9110440,6300
30	284034,7508	9110440,3150
31	284035,9605	9110440,2090
32	284049,3571	9110441,6580
33	284080,7763	9110431,4640
34	284077,5753	9110421,6410
35	284071,5603	9110423,4660
36	284071,2350	9110423,5650
37	284067,8738	9110409,1650
38	284067,8413	9110409,0260
39	284063,2484	9110388,5840
40	284068,6775	9110387,7550
41	284066,5205	9110380,3250
42	284068,4805	9110379,7350
43	284067,6905	9110377,0750
44	284069,4705	9110376,5450
45	284067,3705	9110369,4350
46	284071,7505	9110368,1350
47	284069,8767	9110362,8500
48	284066,1575	9110350,4280
49	284063,0454	9110341,7040
50	284061,6312	9110337,7390
51	284065,8310	9110336,3390
52	284064,5433	9110332,3370
53	284062,7702	9110326,7850
54	284057,7757	9110328,2600
55	284056,6186	9110323,6350
56	284064,2728	9110321,3530
57	284059,2904	9110307,0740
58	284051,4243	9110309,5880
59	284036,5399	9110268,0470
60	284029,7162	9110269,7970
61	284027,1740	9110270,4490
62	284024,3729	9110265,9560
63	284021,3292	9110261,0730
64	284026,6030	9110258,5320
65	284031,3693	9110256,2360
66	284024,1126	9110250,6880
67	284021,9930	9110249,0680
68	284008,7827	9110238,7400
69	284000,6396	9110232,4400
70	283993,2789	9110223,9300

71	283992,8284	9110224,0990
72	283959,5835	9110183,1440
73	283964,5198	9110179,3630
74	283947,0072	9110160,9220
75	283931,1388	9110144,4510
76	283915,4298	9110128,1760
77	283905,3194	9110117,9900
78	283903,4843	9110116,9780
79	283911,7687	9110105,0800
80	283905,9249	9110098,6460
81	283905,0630	9110097,2240
82	283903,3052	9110095,6860
83	283903,5356	9110095,4250
84	283904,0489	9110094,8430
85	283901,9172	9110093,4550
86	283901,3718	9110093,0580
87	283902,8591	9110090,9760
88	283899,7359	9110087,7540
89	283897,2906	9110090,7810
90	283896,6127	9110091,6210
91	283892,7459	9110088,7450
92	283892,4485	9110088,4970
93	283893,0431	9110087,6230
94	283893,2912	9110087,2580
95	283890,9117	9110085,6720
96	283891,3578	9110085,1760
97	283889,4740	9110083,6390
98	283886,0534	9110080,3670
99	283884,9873	9110081,6330
100	283882,8806	9110084,1350
101	283880,4515	9110081,9540
102	283869,8425	9110072,8320
103	283865,7791	9110067,6020
104	283865,7384	9110067,6350
105	283865,7368	9110067,6320
106	283864,6868	9110066,2380
107	283861,4834	9110071,0440
108	283858,7822	9110075,0950
109	283858,7771	9110075,1460
110	283855,0076	9110081,2450
111	283849,7302	9110089,6070
112	283846,4405	9110093,3760
113	283840,4093	9110096,1860
114	283831,6366	9110098,8590
115	283823,8920	9110102,3550
116	283815,3934	9110108,8600
117	283808,2656	9110115,5820
118	283805,5242	9110118,1180
119	283802,5771	9110118,6660
120	283799,7997	9110118,5380
121	283798,1222	9110118,4610
122	283793,9415	9110118,1870
123	283789,4866	9110118,5290
124	283782,6329	9110120,8600
125	283765,7044	9110129,7690
126	283716,3907	9110150,6070
127	283712,7083	9110164,0370
128	283713,5747	9110176,3840
129	283722,8889	9110193,4960
130	283738,7014	9110214,2910
131	283785,5252	9110288,4790
132	283830,6422	9110367,8300
133	283871,3295	9110400,0390
134	283874,1906	9110413,8240
135	283875,3459	9110425,9540
136	283876,5011	9110440,9720
137	283873,6130	9110461,7670
138	283870,4360	9110496,4240
139	283871,8801	9110514,3310
140	283875,0570	9110531,3710
141	283924,1524	9110516,4170

TABELA 75 – ZEIS 1 VILA BRASIL		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291647,9677	9107225,8310
2	291649,8578	9107265,0570
3	291647,6734	9107361,9570
4	291641,3972	9107458,7670
5	291655,7203	9107450,5250
6	291656,4561	9107450,1010
7	291683,3400	9107434,6300
8	291735,8500	9107406,4600
9	291746,4653	9107402,1660
10	291746,8199	9107402,0230
11	291793,5800	9107383,1100
12	291832,4404	9107375,4710
13	291832,6043	9107375,4390
14	291877,4700	9107366,6200
15	291903,5835	9107371,8220
16	291913,6547	9107376,2020
17	291913,6869	9107376,2160
18	291936,6880	9107386,2180
19	291936,7358	9107386,2390
20	291945,2000	9107389,9200
21	291962,0100	9107409,6400
22	291988,5617	9107437,7380
23	292017,0619	9107471,6670
24	292049,6335	9107519,6200
25	292062,0704	9107550,6030
26	292062,4028	9107551,4310
27	292075,4193	9107583,8580
28	292099,6309	9107640,2130
29	292101,6576	9107644,9300
30	292102,4345	9107653,9060
31	292106,6300	9107702,3800
32	292113,0473	9107726,6940
33	292113,0764	9107726,8040
34	292123,8243	9107767,5260
35	292136,4900	9107811,4100
36	292158,2100	9107863,8800
37	292179,2247	9107898,6880
38	292188,3018	9107892,8350
39	292237,5628	9107852,7200
40	292237,8581	9107852,4790
41	292253,2804	9107839,9200
42	292257,3909	9107836,4040
43	292257,0747	9107836,0340
44	292250,5660	9107824,6040
45	292245,6447	9107815,3970
46	292227,7853	9107782,9320
47	292221,5147	9107772,2960
48	292212,4659	9107754,1980
49	292202,3059	9107736,7360
50	292194,2096	9107721,6550
51	292190,7031	9107715,8060
52	292186,5099	9107718,6490
53	292185,1380	9107719,5790
54	292185,1193	9107719,5420
55	292172,9235	9107694,7020
56	292170,0550	9107684,3480
57	292164,0286	9107658,8510
58	292154,2566	9107617,5090
59	292153,6334	9107614,6730
60	292153,6118	9107614,5750
61	292147,8738	9107588,4720
62	292147,1154	9107585,0220
63	292144,8079	9107575,5030
64	292143,3656	9107571,0320
65	292140,9138	9107558,9170
66	292136,5871	9107546,0810
67	292131,5392	9107534,6870
68	292125,9144	9107523,2930
69	292120,4339	9107513,6300
70	292106,8768	9107493,1510
71	292102,6755	9107487,1040
72	292094,5065	9107475,3480
73	292094,2020	9107474,9100

74	292079,6184	9107453,9210
75	292052,0715	9107415,1250
76	292025,9669	9107378,9250
77	291999,7181	9107343,5900
78	291999,1257	9107342,8300
79	291977,8446	9107315,5370
80	291976,9213	9107314,5730
81	291975,9030	9107313,1180
82	291975,1527	9107311,5090
83	291974,6930	9107309,7940
84	291974,5383	9107308,0260
85	291974,6929	9107306,2570
86	291974,7492	9107305,9630
87	291983,8739	9107278,7480
88	291982,7828	9107274,0990
89	291975,3547	9107264,9670
90	291953,3052	9107245,1720
91	291939,0489	9107234,6060
92	291938,6986	9107234,3460
93	291932,0073	9107229,3870
94	291908,9556	9107216,6080
95	291880,6370	9107203,5180
96	291852,8295	9107195,5610
97	291828,0948	9107188,4830
98	291806,4753	9107186,0390
99	291800,8631	9107185,4050
100	291784,1487	9107183,5160
101	291752,0963	9107184,8600
102	291718,0267	9107186,2900
103	291682,1962	9107187,7930
104	291662,6852	9107190,0310
105	291662,2952	9107190,0760
106	291662,1329	9107190,0940
107	291652,9617	9107191,1460
108	291652,9539	9107191,1470
109	291648,1080	9107191,4910
110	291647,9677	9107225,8310

TABELA 76 – ZEIS 1 VILA DO SIRI		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	288178,9220	9106021,3590
2	288186,0739	9106020,0100
3	288244,2339	9106020,4150
4	288241,9074	9106000,3500
5	288234,5102	9105956,6130
6	288216,8506	9105970,4540
7	288195,1341	9105979,4030
8	288171,6277	9105980,2380
9	288128,0754	9105944,9190
10	288107,9100	9105939,3110
11	288096,5745	9105940,3850
12	288076,2898	9105951,7210
13	288071,2775	9105956,7400
14	288068,8371	9105962,2460
15	288069,0112	9105967,2320
16	288069,2126	9105974,1350
17	288075,5951	9105982,0200
18	288090,1748	9105992,0940
19	288096,8076	9105998,3510
20	288105,3176	9106009,8020
21	288109,6389	9106017,2160
22	288122,1869	9106024,2930
23	288138,9990	9106033,3460
24	288115,2034	9106096,4560
25	288124,7734	9106100,5950
26	288119,2190	9106118,5540
27	288123,1268	9106121,2310
28	288112,5291	9106156,9750
29	288120,3110	9106161,9320
30	288136,2824	9106129,4580
31	288153,9224	9106080,3380
32	288159,1024	9106062,5780
33	288171,4024	9106029,0380
34	288173,3887	9106024,7680
35	288178,9220	9106021,3590

TABELA 77 – ZEIS 1 VILA DO VINTÉM		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289482,3519	9111074,9820
2	289490,2790	9111061,6240
3	289495,1956	9111053,3400
4	289493,8388	9111052,6510
5	289458,9441	9111034,9300
6	289444,1390	9111030,5090
7	289426,8665	9111027,3210
8	289411,5474	9111026,1900
9	289399,0042	9111025,4710
10	289389,3306	9111026,2220
11	289389,6782	9111034,7370
12	289391,4882	9111055,3470
13	289389,2851	9111055,5460
14	289382,2786	9111056,1810
15	289384,7786	9111071,6880
16	289383,3965	9111071,9510
17	289372,4682	9111074,0270
18	289372,1037	9111072,0040
19	289371,1782	9111066,8670
20	289369,5217	9111067,2250
21	289369,2433	9111067,2850
22	289354,3482	9111070,5070
23	289348,3556	9111071,8410
24	289355,7652	9111127,5090
25	289413,7749	9111114,1590
26	289428,3439	9111111,0080
27	289442,4720	9111109,2740
28	289450,3709	9111107,9260
29	289455,9141	9111105,0320
30	289462,9757	9111096,2420
31	289469,5412	9111089,1330
32	289476,7648	9111084,4220
33	289480,8106	9111080,1190
34	289482,3519	9111074,9820

TABELA 78 – ZEIS 1 VILA ESPERANÇA / CABOCÓ		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287567,4906	9111813,4330
2	287567,5227	9111813,4710
3	287567,8113	9111813,2340
4	287567,4906	9111813,4330
5	287567,4906	9111813,4330
6	287566,2025	9111811,9060
7	287563,7070	9111809,0590
8	287564,1041	9111808,7780
9	287573,7196	9111801,9880
10	287574,3351	9111801,5180
11	287577,7316	9111805,0060
12	287579,4585	9111807,0870
13	287583,3186	9111804,4820
14	287578,8299	9111798,0900
15	287581,2174	9111796,3830
16	287582,9978	9111795,1100
17	287583,0068	9111795,1030
18	287594,6805	9111786,7560
19	287593,5270	9111785,0700
20	287595,4257	9111783,8810
21	287596,2452	9111783,3670
22	287597,6229	9111782,5040
23	287595,6423	9111780,1790
24	287582,1378	9111764,8070
25	287582,0187	9111764,8800
26	287579,1801	9111760,4610
27	287589,0319	9111753,6530
28	287586,9724	9111750,5180
29	287573,1405	9111728,8520
30	287571,4715	9111726,2610
31	287571,3202	9111726,0270
32	287542,4268	9111681,1830
33	287520,2073	9111712,7610
34	287520,3899	9111712,8320
35	287517,9367	9111715,7400

36	287507,0017	9111730,0890
37	287506,9135	9111730,2050
38	287501,8061	9111736,9060
39	287466,5869	9111783,1200
40	287376,5740	9111898,0210
41	287362,3309	9111912,9120
42	287307,4099	9111970,3290
43	287306,9186	9111970,8430
44	287303,5681	9111974,3460
45	287293,8054	9111985,2570
46	287283,6095	9111996,0760
47	287227,7120	9112055,6320
48	287199,2011	9112095,3750
49	287227,9187	9112111,1960
50	287227,9423	9112111,1540
51	287230,7206	9112112,6450
52	287230,7241	9112112,6470
53	287236,7738	9112115,8930
54	287237,4853	9112116,2370
55	287237,5354	9112116,2610
56	287246,8759	9112120,7680
57	287251,9301	9112122,0440
58	287252,1634	9112120,0460
59	287254,2922	9112120,4990
60	287254,2205	9112121,0600
61	287256,5505	9112121,6530
62	287257,0797	9112119,6940
63	287264,5346	9112122,0380
64	287269,2242	9112123,5130
65	287280,6187	9112126,2390
66	287295,0884	9112129,4710
67	287301,5230	9112130,9090
68	287308,2637	9112132,4140
69	287339,4274	9112139,3760
70	287339,5930	9112137,2970
71	287339,6116	9112137,1170
72	287321,6515	9112082,1870
73	287324,9502	9112079,9950
74	287337,6606	9112073,3330
75	287345,0284	9112069,6080
76	287350,4764	9112066,8220
77	287354,5897	9112064,5910
78	287354,7282	9112064,5160
79	287354,7952	9112064,6130
80	287354,9179	9112064,5510
81	287355,7356	9112065,7700
82	287358,7417	9112070,2530
83	287359,7634	9112072,5650
84	287359,7756	9112072,5930
85	287363,9726	9112082,0920
86	287364,0033	9112082,1620
87	287374,0890	9112104,9890
88	287375,1160	9112107,0170
89	287376,2893	9112109,3340
90	287376,3212	9112109,3970
91	287378,5887	9112113,8750
92	287380,5109	9112117,6710
93	287380,9491	9112118,5480
94	287383,0225	9112122,6970
95	287384,2390	9112125,1310
96	287385,5265	9112127,7080
97	287385,6428	9112127,9400
98	287390,6386	9112137,9370
99	287390,6897	9112137,9310
100	287392,7862	9112143,8840
101	287407,5834	9112142,2280
102	287419,9662	9112140,9560
103	287417,2156	9112128,0090
104	287417,2100	9112127,9820
105	287415,6624	9112120,6980
106	287414,2624	9112116,1580
107	287412,1224	9112107,1180
108	287412,0388	9112106,5150
109	287411,9991	9112106,2300
110	287410,8324	9112097,8280

111	287417,4503	9112074,4050
112	287417,4602	9112074,3700
113	287422,4194	9112056,8180
114	287425,1289	9112047,2290
115	287427,7684	9112037,8860
116	287429,8829	9112030,4030
117	287431,9879	9112022,9530
118	287432,6024	9112020,7780
119	287449,1624	9112014,8780
120	287457,0422	9112011,9960
121	287452,5221	9111998,9010
122	287452,4249	9111998,6200
123	287430,7706	9111935,8850
124	287428,9636	9111928,7050
125	287431,0200	9111927,1040
126	287451,2496	9111910,5580
127	287454,8424	9111907,6260
128	287455,0199	9111907,4810
129	287460,9193	9111902,6660
130	287461,5063	9111902,1870
131	287467,6860	9111897,1480
132	287474,1021	9111892,0300
133	287478,7372	9111888,3330
134	287478,7928	9111888,2890
135	287485,8260	9111882,7820
136	287485,8630	9111882,7530
137	287486,0907	9111882,5740
138	287486,4722	9111882,2760
139	287489,2252	9111887,0010
140	287491,4680	9111890,6930
141	287492,7470	9111892,6700
142	287495,0122	9111896,1720
143	287495,0848	9111896,2840
144	287496,2832	9111898,1370
145	287502,4257	9111907,9890
146	287509,4263	9111919,2130
147	287511,2798	9111922,3660
148	287511,3026	9111922,4050
149	287514,3842	9111927,6470
150	287514,6056	9111928,0420
151	287516,8595	9111932,0690
152	287522,5319	9111940,9530
153	287522,5624	9111941,0010
154	287526,0763	9111946,5050
155	287531,8084	9111955,7710
156	287532,6107	9111957,0890
157	287532,8015	9111957,4020
158	287540,1217	9111969,4230
159	287545,1005	9111978,1090
160	287548,9291	9111975,7860
161	287548,7092	9111975,4180
162	287558,7474	9111969,3310
163	287558,6455	9111969,1480
164	287560,7148	9111967,8810
165	287558,6508	9111964,5060
166	287542,7057	9111938,4340
167	287551,3547	9111905,6680
168	287523,9802	9111882,2990
169	287499,1944	9111860,7640
170	287499,9261	9111860,0320
171	287500,6020	9111859,3550
172	287504,9327	9111855,0230
173	287509,7025	9111850,2510
174	287509,8348	9111850,1190
175	287511,3803	9111848,5730
176	287512,0301	9111848,0230
177	287512,5337	9111847,8040
178	287513,2825	9111847,5980
179	287514,4403	9111847,5660
180	287515,7107	9111849,0880
181	287517,7869	9111847,1880
182	287520,5283	9111844,6790
183	287528,3896	9111837,4840
184	287532,6039	9111833,6260
185	287535,9767	9111830,5390

186	287541,4920	9111836,4100
187	287541,9780	9111835,9640
188	287542,0530	9111835,8950
189	287542,4695	9111836,3530
190	287543,3384	9111835,1170
191	287553,7384	9111825,5670
192	287558,7284	9111821,1170
193	287564,8008	9111815,7310
194	287564,4523	9111815,3220
195	287567,4906	9111813,4330

TABELA 79 – ZEIS 1 VILA FELICIDADE

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	284391,8377	9112713,8360
2	284391,9673	9112712,9090
3	284391,5619	9112713,0340
4	284391,4255	9112712,6370
5	284395,1990	9112711,8660
6	284402,3197	9112710,4120
7	284406,7907	9112709,3290
8	284415,6048	9112707,1940
9	284426,2089	9112702,9790
10	284438,0651	9112696,9630
11	284429,2232	9112667,0890
12	284393,1075	9112671,8040
13	284391,8582	9112668,1220
14	284377,5442	9112672,0040
15	284391,7202	9112667,6400
16	284353,9755	9112535,5970
17	284358,7380	9112534,2470
18	284354,9377	9112519,4360
19	284351,4552	9112520,3500
20	284351,4564	9112520,3300
21	284348,1323	9112508,3220
22	284324,2209	9112421,9460
23	284285,1948	9112281,0020
24	284282,4995	9112271,1600
25	284243,6551	9112133,7620
26	284242,5769	9112123,2570
27	284241,0723	9112123,6140
28	284224,0336	9112061,0870
29	284193,6990	9111977,5840
30	284192,8391	9111970,4400
31	284193,2360	9111964,6190
32	284195,7826	9111957,2920
33	284198,6600	9111953,3740
34	284202,6464	9111949,6970
35	284213,4414	9111944,7230
36	284214,4997	9111948,2150
37	284232,4337	9111941,0620
38	284228,3138	9111930,8820
39	284226,3137	9111925,9400
40	284220,6417	9111928,1520
41	284207,7264	9111933,1870
42	284194,2855	9111940,3830
43	284189,3819	9111944,9080
44	284185,8894	9111941,9710
45	284146,4399	9111993,3270
46	284106,7524	9111967,4500
47	284087,7817	9112003,9630
48	284076,7485	9112023,8860
49	284093,7348	9112033,8080
50	284098,9737	9112027,6170
51	284130,7237	9112045,8730
52	284133,2609	9112047,3970
53	284130,6095	9112051,8400
54	284122,9424	9112065,0780
55	284169,6976	9112094,2140
56	284186,6465	9112062,8250
57	284189,1971	9112058,1020
58	284196,7378	9112065,1130
59	284205,5631	9112078,6700
60	284208,7224	9112092,2070
61	284212,5152	9112108,4580
62	284215,9436	9112123,1480

63	284217,6073	9112128,6880
64	284218,4269	9112131,4170
65	284223,7376	9112151,4150
66	284231,1631	9112179,3770
67	284232,2614	9112183,4770
68	284245,5501	9112233,0800
69	284246,8907	9112238,0850
70	284255,7796	9112271,3190
71	284256,5479	9112274,1910
72	284258,4952	9112278,3350
73	284259,1049	9112279,6330
74	284262,8942	9112287,6960
75	284263,3247	9112289,4350
76	284271,2220	9112321,3200
77	284280,4473	9112351,5410
78	284289,9847	9112382,7840
79	284290,1826	9112383,5000
80	284299,9984	9112419,0620
81	284306,5592	9112442,8320
82	284313,3865	9112468,9010
83	284315,2629	9112476,0660
84	284316,8672	9112482,1920
85	284322,6184	9112504,1520
86	284323,2965	9112506,7420
87	284323,6664	9112508,1540
88	284326,0926	9112517,2890
89	284329,2861	9112525,9490
90	284329,1334	9112525,9790
91	284331,6681	9112532,4090
92	284342,7214	9112578,1150
93	284343,9002	9112584,4440
94	284345,9804	9112593,6230
95	284367,6945	9112669,5880
96	284368,6299	9112672,9990
97	284369,0129	9112673,0510
98	284360,0327	9112675,3710
99	284353,4472	9112676,8680
100	284343,3445	9112680,2350
101	284330,3232	9112683,6030
102	284315,7931	9112685,4680
103	284310,8660	9112686,6710
104	284303,2329	9112688,6920
105	284295,4500	9112692,5830
106	284291,2904	9112695,2080
107	284289,1639	9112696,5490
108	284286,3826	9112692,5860
109	284278,1649	9112682,4320
110	284270,3554	9112672,1830
111	284268,4225	9112669,5350
112	284266,5668	9112666,9930
113	284255,9274	9112652,4540
114	284254,8088	9112647,6660
115	284251,5377	9112634,7170
116	284249,4407	9112626,9710
117	284249,0852	9112625,6580
118	284247,4475	9112619,6080
119	284242,5293	9112601,5210
120	284242,4116	9112601,0880
121	284238,8933	9112587,2560
122	284236,2388	9112576,3220
123	284234,3912	9112569,3280
124	284232,3346	9112561,5430
125	284230,5821	9112555,6120
126	284222,1152	9112527,6070
127	284219,9829	9112520,5190
128	284217,0728	9112510,8680
129	284215,3635	9112505,1990
130	284211,2365	9112491,3970
131	284209,3186	9112484,8600
132	284206,3915	9112474,8840
133	284205,7911	9112472,5750
134	284204,3032	9112473,0070
135	284180,5212	9112387,5940
136	284177,0976	9112375,5560
137	284175,5875	9112369,8750

138	284166,1463	9112335,9670
139	284166,5603	9112335,8430
140	284197,0156	9112326,7310
141	284190,5716	9112302,4250
142	284209,0156	9112296,6480
143	284208,3936	9112292,8460
144	284207,2420	9112289,9730
145	284199,7310	9112257,8620
146	284149,6791	9112271,8950
147	284150,0413	9112273,9910
148	284151,7481	9112283,8050
149	284151,8401	9112284,3340
150	284154,9581	9112295,9970
151	284155,7345	9112298,3930
152	284158,3986	9112308,1410
153	284145,3214	9112312,1650
154	284143,2653	9112312,5760
155	284139,6888	9112313,7050
156	284139,1733	9112314,0570
157	284126,4753	9112317,9640
158	284120,0452	9112319,8860
159	284110,7354	9112321,3450
160	284106,8119	9112320,5930
161	284103,3656	9112306,7440
162	284101,0446	9112297,9490
163	284097,1667	9112284,3460
164	284094,1362	9112273,1110
165	284090,9927	9112261,4570
166	284090,2429	9112258,3680
167	284089,2130	9112253,6390
168	284087,9871	9112243,9070
169	284086,7060	9112233,7860
170	284086,2114	9112229,8780
171	284084,4076	9112233,1360
172	284080,5390	9112238,1730
173	284073,0971	9112249,9380
174	284067,5196	9112258,7250
175	284057,5309	9112274,1840
176	284047,0129	9112290,1320
177	284045,2532	9112292,7690
178	284003,5366	9112267,7360
179	284000,9929	9112271,8680
180	283991,5459	9112287,2140
181	283980,3887	9112305,3380
182	283979,7372	9112306,3960
183	283978,6090	9112308,2290
184	283953,3104	9112349,3250
185	283956,0051	9112351,7170
186	283963,7839	9112358,9700
187	283965,3398	9112360,5240
188	283986,8675	9112377,7160
189	283989,5327	9112380,4980
190	283987,2041	9112383,2660
191	283982,1246	9112388,6550
192	283980,1652	9112390,7340
193	283980,5234	9112391,0260
194	283990,1677	9112401,7870
195	283991,0488	9112402,7700
196	284005,1365	9112417,8680
197	284005,6477	9112418,3790
198	284010,4123	9112423,1440
199	284018,5507	9112431,6750
200	284026,6329	9112439,8130
201	284032,6384	9112446,4360
202	284040,6083	9112454,5750
203	284058,2320	9112473,2650
204	284073,4422	9112489,2610
205	284084,2185	9112500,7670
206	284087,2493	9112504,0780
207	284092,4691	9112509,6910
208	284101,0003	9112518,2220
209	284108,5212	9112526,1360
210	284111,0469	9112528,8860
211	284118,3994	9112536,6310
212	284128,5583	9112547,9690

213	284136,5283	9112556,1070
214	284143,7124	9112563,3480
215	284152,6926	9112573,1140
216	284160,1574	9112580,8590
217	284162,2341	9112583,2160
218	284170,5408	9112591,7480
219	284177,2760	9112599,8860
220	284185,3020	9112608,5290
221	284196,0783	9112619,9230
222	284208,0332	9112631,7090
223	284212,8040	9112636,8170
224	284226,1059	9112651,8590
225	284236,6577	9112663,0280
226	284240,9794	9112666,8450
227	284254,0568	9112680,3710
228	284259,2766	9112686,4330
229	284264,7770	9112692,7190
230	284278,1912	9112706,3010
231	284283,0742	9112711,4090
232	284288,2939	9112716,5160
233	284290,5390	9112720,7820
234	284292,9827	9112726,3600
235	284295,7026	9112732,5690
236	284297,7629	9112731,7620
237	284309,5494	9112728,5630
238	284315,6953	9112726,5840
239	284319,9047	9112725,7000
240	284325,8401	9112724,8160
241	284330,4705	9112724,6060
242	284334,7266	9112724,2190
243	284345,7930	9112722,1640
244	284358,9895	9112720,5320
245	284361,4102	9112720,3960
246	284368,2518	9112719,3440
247	284369,0714	9112719,2170
248	284373,4493	9112718,1650
249	284380,3107	9112716,4390
250	284390,6512	9112714,1780
251	284391,8377	9112713,8360

TABELA 80 – ZEIS 1 VILA INALDO MARTINS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287728,4829	9112099,9600
2	287725,9124	9112093,7080
3	287721,2748	9112094,7960
4	287717,9024	9112095,5880
5	287717,4581	9112095,5720
6	287713,4313	9112095,4240
7	287704,5124	9112095,0980
8	287699,5124	9112098,4580
9	287695,4524	9112108,0380
10	287679,5863	9112130,2660
11	287679,3004	9112130,6660
12	287674,9224	9112136,7280
13	287676,4324	9112137,7780
14	287679,5524	9112141,7080
15	287682,0466	9112164,2400
16	287682,2124	9112165,7380
17	287682,6004	9112171,3990
18	287684,2337	9112171,7570
19	287691,0456	9112173,2490
20	287698,3897	9112173,6450
21	287704,1461	9112173,0400
22	287711,0559	9112171,1240
23	287726,4329	9112166,8610
24	287743,1867	9112162,2170
25	287741,9124	9112156,0780
26	287737,0724	9112133,5080
27	287731,2124	9112110,2980
28	287729,6824	9112102,8780
29	287728,4829	9112099,9600

TABELA 81 – ZEIS 1 VILA MARCIONILA / MUSSUM

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286130,1122	9112896,9750

2	286126,9185	9112896,6970
3	286134,7515	9112896,9810
4	286136,8185	9112897,0560
5	286201,3014	9112899,7510
6	286202,1448	9112903,0420
7	286208,3383	9112927,2150
8	286211,4771	9112925,9700
9	286216,3047	9112923,5190
10	286229,8311	9112916,4470
11	286224,1244	9112901,5460
12	286185,3143	9112800,2040
13	286176,3840	9112770,2240
14	286152,4977	9112779,9820
15	286155,0143	9112788,1380
16	286163,7947	9112816,5920
17	286181,7941	9112827,6430
18	286188,5300	9112831,7780
19	286190,2626	9112845,5570
20	286193,1117	9112868,2140
21	286152,7446	9112858,2280
22	286122,8857	9112849,9910
23	286109,5604	9112854,4670
24	286112,8309	9112858,3040
25	286118,2015	9112864,6060
26	286092,9071	9112891,6890
27	286076,3498	9112890,3420
28	286067,8747	9112889,5000
29	286050,3917	9112888,0970
30	286050,3917	9112868,1660
31	286050,3917	9112868,1100
32	286050,0852	9112868,0780
33	286050,5494	9112857,9380
34	286042,6871	9112848,9860
35	286015,8979	9112846,0090
36	286008,9526	9112846,0090
37	286007,7752	9112852,1210
38	285984,2802	9112863,3400
39	285960,8910	9112877,7330
40	285956,1285	9112881,8610
41	285942,1584	9112901,6510
42	285922,4734	9112916,8910
43	285917,2997	9112925,8050
44	285916,6506	9112941,6810
45	285964,0386	9112909,9020
46	285979,7040	9112899,2260
47	285996,7665	9112888,8490
48	286008,0115	9112905,0150
49	286019,7033	9112921,8240
50	286020,3146	9112922,4750
51	286034,5223	9112942,8340
52	286035,5809	9112942,0310
53	286046,4508	9112932,9400
54	286046,5568	9112932,8520
55	286046,2654	9112932,4860
56	286046,0938	9112932,2700
57	286046,0850	9112932,2590
58	286048,9102	9112929,7450
59	286050,2715	9112928,5330
60	286052,5723	9112926,4860
61	286054,3193	9112925,8880
62	286054,7642	9112925,5030
63	286054,7507	9112925,4910
64	286059,0819	9112923,5130
65	286061,3574	9112922,4740
66	286068,0059	9112919,4380
67	286068,7636	9112919,0920
68	286073,3254	9112917,0090
69	286073,8702	9112916,7610
70	286076,4169	9112915,5980
71	286079,5711	9112914,4570
72	286081,1396	9112913,8900
73	286081,3305	9112913,8270
74	286085,8390	9112912,1820
75	286130,1122	9112896,9750

TABELA 82 – ZEIS 1 VILA REDENÇÃO		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	285678,9101	9108690,3900
2	285678,6238	9108685,5520
3	285634,8452	9108696,9570
4	285579,8084	9108709,7730
5	285556,7814	9108717,7150
6	285535,0255	9108725,2170
7	285531,6305	9108740,4830
8	285529,0580	9108765,8430
9	285525,9272	9108796,7080
10	285522,8826	9108826,7220
11	285521,1770	9108867,3290
12	285520,5449	9108881,2830
13	285519,1125	9108928,3370
14	285518,0721	9108963,6930
15	285517,4393	9108989,6660
16	285516,8359	9109024,4170
17	285516,6688	9109063,6580
18	285579,7373	9109046,1350
19	285639,9839	9109029,6820
20	285706,1120	9109010,8470
21	285701,5596	9108980,2210
22	285699,9770	9108968,5940
23	285697,4541	9108939,2660
24	285692,5895	9108866,6000
25	285689,4203	9108827,9390
26	285678,9101	9108690,3900

TABELA 83 – ZEIS 1 VILA SÃO JOÃO		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287390,1803	9113202,1520
2	287395,6686	9113195,1970
3	287400,3183	9113199,5100
4	287400,7097	9113199,8630
5	287410,9823	9113186,3770
6	287416,9878	9113188,5660
7	287418,6155	9113183,6270
8	287420,4677	9113178,7440
9	287421,1973	9113179,0240
10	287425,9542	9113171,4690
11	287425,9680	9113171,4470
12	287430,2337	9113173,6360
13	287431,1103	9113171,6130
14	287432,4226	9113168,5850
15	287436,9127	9113159,5480
16	287432,9277	9113156,0130
17	287439,4156	9113150,0490
18	287440,5609	9113148,9970
19	287440,4696	9113148,9050
20	287439,6068	9113148,0430
21	287447,6625	9113139,7110
22	287443,1988	9113136,9860
23	287447,6592	9113131,8340
24	287451,1688	9113127,7810
25	287453,8628	9113125,6480
26	287457,3886	9113122,0790
27	287456,2117	9113120,6280
28	287463,7373	9113113,1020
29	287471,8781	9113103,7310
30	287478,8921	9113096,5840
31	287491,8635	9113083,3130
32	287497,1535	9113078,8630
33	287498,1497	9113078,0250
34	287510,9215	9113066,3510
35	287526,5344	9113053,0740
36	287492,4746	9113013,5670
37	287481,3815	9113020,8090
38	287475,4323	9113022,6760
39	287467,0697	9113024,8890
40	287463,9349	9113025,5570
41	287463,3158	9113024,0950
42	287459,8775	9113019,7040
43	287458,5080	9113020,8320
44	287453,2501	9113016,5920

45	287456,6280	9113012,7420
46	287453,6601	9113010,7920
47	287447,4172	9113007,0770
48	287439,2601	9113002,0820
49	287434,5779	9112999,3020
50	287422,5100	9112996,2920
51	287417,4600	9112995,0320
52	287412,4580	9112993,7910
53	287411,9515	9112995,2720
54	287408,5400	9112998,7720
55	287406,4800	9112999,1820
56	287403,2499	9112999,9920
57	287397,3999	9113000,0120
58	287389,4799	9112999,8720
59	287382,3099	9112999,8420
60	287380,4899	9112999,6820
61	287367,1971	9112998,0190
62	287353,5298	9112996,0820
63	287346,4398	9112995,8720
64	287327,1259	9112993,9070
65	287314,6961	9112993,5000
66	287314,5837	9112993,4970
67	287298,8396	9112992,9820
68	287295,2171	9112992,5910
69	287293,3828	9112998,6640
70	287276,9556	9112993,9800
71	287227,7636	9112979,9530
72	287209,5104	9112973,1690
73	287201,4090	9112969,9960
74	287177,8061	9112960,7510
75	287173,6775	9112958,8120
76	287168,3762	9112971,6030
77	287161,6909	9112988,6660
78	287185,6142	9113078,6980
79	287197,0858	9113121,8700
80	287209,1707	9113123,2480
81	287218,2663	9113122,4710
82	287225,5502	9113121,6730
83	287234,8298	9113119,3780
84	287244,7080	9113115,7860
85	287255,9832	9113112,0940
86	287266,1607	9113110,3970
87	287274,7418	9113109,8980
88	287283,9216	9113110,0980
89	287293,8962	9113112,5630
90	287302,2777	9113116,5540
91	287315,0496	9113125,2020
92	287327,8214	9113133,3170
93	287330,4822	9113144,7590
94	287332,7439	9113151,8100
95	287337,2673	9113162,7190
96	287340,3272	9113170,0360
97	287340,7397	9113176,3270
98	287350,9739	9113182,6380
99	287366,8389	9113195,4100
100	287374,2227	9113201,1970
101	287384,4615	9113209,4000
102	287390,1803	9113202,1520

TABELA 84 – ZEIS 1 VILA SUL		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290342,9605	9106169,8970
2	290316,1288	9106242,4640
3	290316,0963	9106242,5530
4	290290,7789	9106311,0250
5	290290,5402	9106310,9350
6	290281,3207	9106337,8160
7	290281,2946	9106337,8920
8	290275,4368	9106354,9720
9	290275,4240	9106355,0090
10	290297,3844	9106365,5090
11	290337,7070	9106378,8440
12	290366,2820	9106388,3690
13	290401,3238	9106400,2110
14	290406,4459	9106401,8630

15	290423,7496	9106353,6030
16	290434,3859	9106313,9150
17	290443,9109	9106264,5440
18	290448,0384	9106230,5710
19	290452,1660	9106205,4890
20	290458,1985	9106179,7710
21	290465,0247	9106154,3710
22	290471,5335	9106142,9410
23	290430,8934	9106133,8920
24	290377,8741	9106121,6320
25	290352,9670	9106116,1800
26	290346,1111	9106114,6790
27	290339,5262	9106131,9530
28	290350,2094	9106136,9610
29	290353,7408	9106138,3370
30	290342,9605	9106169,8970

TABELA 85 – ZEIS 1 VILA UNIÃO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287037,7324	9111775,3980
2	287036,6146	9111764,9330
3	287021,1602	9111766,6890
4	286957,3548	9111778,9540
5	286936,9182	9111783,0470
6	286923,5256	9111785,4960
7	286903,6765	9111789,2190
8	286897,1314	9111790,4580
9	286890,8744	9111791,7670
10	286884,5095	9111792,9240
11	286878,0079	9111794,0990
12	286861,5210	9111797,1460
13	286856,3148	9111798,1970
14	286843,7777	9111800,6570
15	286838,3030	9111801,6780
16	286825,8801	9111803,9160
17	286818,9447	9111805,1920
18	286821,6877	9111821,7110
19	286823,9464	9111835,3140
20	286825,8135	9111852,4160
21	286826,3559	9111856,5070
22	286830,2718	9111880,8710
23	286831,3698	9111886,8650
24	286837,0527	9111915,4420
25	286838,1456	9111922,2380
26	286839,0848	9111929,4070
27	286840,1972	9111941,7970
28	286840,6573	9111948,9970
29	286842,0948	9111979,3970
30	286848,7149	9111985,1380
31	286851,7351	9111987,7570
32	286858,3198	9111992,5660
33	286862,3748	9111995,5270
34	286874,7367	9112006,1910
35	286876,3753	9112007,6940
36	286879,4386	9112009,6190
37	286881,8413	9112010,5490
38	286885,4800	9112011,5240
39	286892,2747	9112013,3440
40	286902,8877	9112015,3520
41	286910,5112	9112016,2950
42	286928,4563	9112018,0300
43	286937,1411	9112018,8700
44	286938,8684	9112019,0370
45	287000,2905	9112026,0150
46	287017,8741	9112027,9400
47	287027,1898	9112030,9100
48	287031,2600	9112032,1130
49	287035,7766	9112032,7250
50	287040,3300	9112032,5200
51	287045,6070	9112031,6960
52	287046,0310	9112031,6300
53	287046,3337	9112030,5920
54	287048,7058	9112022,4560
55	287053,3386	9112011,6630
56	287087,0931	9111961,9600

57	287095,2285	9111949,9800
58	287098,3066	9111945,4480
59	287056,5348	9111942,6660
60	287052,9147	9111941,8910
61	287053,0118	9111937,2430
62	287051,6698	9111910,4330
63	287050,8439	9111893,9330
64	287048,2967	9111879,3360
65	287046,7462	9111870,4500
66	287044,0966	9111850,7200
67	287044,1837	9111849,6410
68	287044,0815	9111848,4720
69	287044,5824	9111842,4380
70	287043,6724	9111827,4680
71	287042,0424	9111814,1980
72	287040,6124	9111802,0080
73	287039,1424	9111788,4480
74	287037,7324	9111775,3980

TABELA 86 – ZEIS 1 VILAS BOAS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	285992,4730	9104426,9290
2	285984,7768	9104455,6880
3	285981,4033	9104468,2170
4	285978,9950	9104479,6300
5	285977,4244	9104487,4830
6	285975,5396	9104495,2320
7	285974,0312	9104502,6530
8	285973,2623	9104507,1810
9	285972,8654	9104509,5190
10	285971,6821	9104516,4870
11	285970,6122	9104522,7880
12	285969,5716	9104528,9160
13	285974,9589	9104529,9030
14	285984,6630	9104531,6810
15	285991,5253	9104532,9380
16	285994,7133	9104533,3830
17	285998,3366	9104533,8900
18	286004,6549	9104535,1810
19	286014,1072	9104537,1120
20	286021,3201	9104539,2400
21	286055,2608	9104546,6160
22	286057,9003	9104542,8800
23	286059,8409	9104540,1330
24	286060,9583	9104538,5510
25	286061,9005	9104536,9030
26	286072,9720	9104505,6900
27	286079,4500	9104495,3250
28	286100,4152	9104460,8150
29	286111,1334	9104443,0300
30	286128,5651	9104413,8200
31	286143,9946	9104416,8830
32	286159,6596	9104419,9450
33	286176,3846	9104423,3610
34	286188,6339	9104425,5990
35	286202,6500	9104427,9540
36	286204,7701	9104428,3080
37	286206,3013	9104428,8960
38	286208,3035	9104430,8630
39	286209,4814	9104432,7830
40	286211,9381	9104427,4890
41	286226,2805	9104390,0360
42	286240,9734	9104361,5740
43	286242,5362	9104357,8650
44	286242,6303	9104357,6420
45	286248,5342	9104343,6310
46	286254,0982	9104331,9320
47	286256,1233	9104319,8250
48	286251,9337	9104290,8820
49	286064,0657	9104250,5090
50	286063,7059	9104243,4720
51	286021,1339	9104260,4660
52	286005,3335	9104273,6800
53	286004,1476	9104274,8470
54	285993,8495	9104289,2590

55	285976,1621	9104285,6570
56	285947,7005	9104418,1960
57	285952,1061	9104419,0970
58	285968,5013	9104422,4530
59	285990,1586	9104426,4970
60	285992,4730	9104426,9290
TABELA 87 – ZEIS 2 ABENÇOADA POR DEUS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287295,8808	9111085,1310
2	287288,1572	9111055,2170
3	287279,8094	9111026,3780
4	287274,6740	9111012,6530
5	287259,4985	9110960,7380
6	287257,3047	9110953,2360
7	287256,0916	9110947,5800
8	287250,0647	9110920,5210
9	287202,4080	9110952,5340
10	287193,8092	9110958,0990
11	287184,8885	9110963,3890
12	287188,9227	9110975,4880
13	287196,1345	9110999,0690
14	287209,6972	9111036,4600
15	287217,3940	9111068,9360
16	287228,5622	9111066,3190
17	287229,8352	9111069,0790
18	287237,0248	9111068,2650
19	287242,1756	9111086,3770
20	287243,7906	9111092,9080
21	287246,9362	9111100,4330
22	287253,3282	9111123,6160
23	287256,2011	9111131,7120
24	287257,5360	9111137,9300
25	287259,3113	9111142,7400
26	287311,9061	9111134,2950
27	287295,8808	9111085,1310
TABELA 88 – ZEIS 2 BARBALHO		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286864,5312	9112140,7830
2	286886,9721	9112103,7070
3	286900,6458	9112103,5030
4	286938,1302	9112102,9410
5	286937,1411	9112018,8700
6	286936,8073	9111990,4990
7	286861,6042	9111992,7610
8	286858,3198	9111992,5660
9	286811,4209	9111989,7720
10	286806,2043	9112043,7580
11	286739,4277	9112039,5730
12	286738,5017	9112072,9110
13	286771,1778	9112075,0280
14	286781,4966	9112124,5050
15	286804,0473	9112117,8960
16	286812,4611	9112131,4690
17	286813,0167	9112132,8190
18	286817,3029	9112136,3110
19	286818,7346	9112139,5650
20	286818,7465	9112139,5740
21	286820,6550	9112141,0410
22	286861,4116	9112140,9180
23	286864,5312	9112140,7830
TABELA 89 – ZEIS 2 CONDOMÍNIO DOM HÉLDER CÂMARA		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286693,2874	9111619,0400
2	286670,0271	9111483,0110
3	286588,8196	9111495,1310
4	286577,9755	9111422,9440
5	286497,2844	9111445,8970
6	286495,6657	9111449,1400
7	286562,1095	9111641,6090
8	286565,0350	9111643,1620
9	286603,1188	9111633,9440
10	286693,2874	9111619,0400

TABELA 90 – ZEIS 2 CONJUNTO HABITACIONAL BEBERIBE		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291539,4508	9114524,6490
2	291536,4508	9114520,6490
3	291520,4508	9114533,6490
4	291582,4505	9114611,6490
5	291595,4505	9114598,6490
6	291582,4506	9114583,6490
7	291575,4506	9114573,6490
8	291539,4508	9114524,6490
TABELA 91 – ZEIS 2 CONJUNTO HABITACIONAL BEIRA RIO		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291799,4570	9112298,6500
2	291819,4573	9112210,6500
3	291821,4573	9112211,6500
4	291824,4573	9112198,6500
5	291791,4574	9112190,6500
6	291752,4574	9112183,6500
7	291750,4574	9112201,6500
8	291753,4574	9112203,6500
9	291749,8275	9112219,3400
10	291722,4570	9112337,6500
11	291722,9610	9112337,7410
12	291733,4570	9112339,6500
13	291729,4626	9112355,6270
14	291729,4570	9112355,6500
15	291730,5343	9112355,8730
16	291782,4569	9112366,6500
17	291799,4570	9112298,6500
TABELA 92 – ZEIS 2 CONJUNTO HABITACIONAL BEIRA RIO TORRE		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289213,9900	9110181,9900
2	289152,7700	9110121,5100
3	289122,5200	9110176,1100
4	289142,2700	9110186,1200
5	289143,0000	9110254,1400
6	289178,0600	9110271,8400
7	289213,9900	9110181,9900
TABELA 93 – ZEIS 2 CONJUNTO HABITACIONAL CLUBE DO AUTOMÓVEL		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287595,6700	9110700,2700
2	287561,7415	9110639,4590
3	287526,9200	9110658,9400
4	287535,0900	9110666,5400
5	287541,6700	9110674,4100
6	287549,0900	9110686,2000
7	287553,0800	9110695,1800
8	287556,2100	9110704,8500
9	287560,7700	9110719,3700
10	287564,0200	9110720,6800
11	287594,7100	9110703,6400
12	287595,6700	9110700,2700
TABELA 94 – ZEIS 2 CONJUNTO HABITACIONAL DEPUTADO ESTADUAL GUILHERME UCHÔA		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292750,7162	9112445,9780
2	292753,7811	9112426,4550
3	292706,4147	9112442,4500
4	292667,2563	9112420,6480
5	292660,8412	9112436,9780
6	292672,7162	9112447,9780
7	292682,1577	9112453,8070
8	292688,8724	9112456,9780
9	292698,2162	9112459,9780
10	292711,9662	9112459,9780
11	292727,7162	9112455,9780
12	292750,7162	9112445,9780
TABELA 95 – ZEIS 2 CONJUNTO HABITACIONAL DOM HÉLDER CÂMARA		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	288572,3434	9114857,7480
2	288310,2795	9114737,7670

3	288306,9494	9114738,8750
4	288298,5700	9114754,2600
5	288290,9750	9114765,4680
6	288282,0349	9114776,9700
7	288278,3292	9114781,0410
8	288270,2311	9114787,7320
9	288229,2572	9114816,4120
10	288229,6400	9114820,2870
11	288244,6322	9114826,8030
12	288281,7830	9114842,9920
13	288295,3654	9114848,7910
14	288308,1966	9114853,8280
15	288336,4756	9114864,6820
16	288365,0307	9114875,6550
17	288372,6924	9114878,6870
18	288384,1195	9114883,3770
19	288413,0316	9114895,2020
20	288466,7278	9114917,1510
21	288473,0882	9114920,0850
22	288476,6086	9114919,8850
23	288572,6432	9114861,2760
24	288572,3434	9114857,7480

TABELA 96 – ZEIS 2 CONJUNTO HABITACIONAL ENGENHEIRO HENOCH COUTINHO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291524,9684	9114599,9330
2	291523,2557	9114597,1400
3	291488,1970	9114616,9110
4	291511,9834	9114675,4270
5	291523,6060	9114669,0320
6	291532,3064	9114664,2450
7	291534,5972	9114662,9850
8	291541,3841	9114659,2560
9	291550,2499	9114654,3850
10	291557,8042	9114650,2350
11	291555,7142	9114646,9990
12	291551,1836	9114639,9830
13	291549,1737	9114636,8710
14	291547,6507	9114634,5360
15	291543,3197	9114627,8950
16	291539,1233	9114621,4610
17	291535,7874	9114616,3460
18	291532,6863	9114611,5920
19	291528,5135	9114605,3180
20	291525,3950	9114600,6290
21	291524,9684	9114599,9330

TABELA 97 – ZEIS 2 CONJUNTO HABITACIONAL FELICIDADE

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291826,6024	9113272,8700
2	291864,3687	9113268,0650
3	291863,0987	9113262,9850
4	291861,9874	9113258,6990
5	291860,5587	9113249,8090
6	291858,9712	9113240,7600
7	291856,7487	9113227,4250
8	291855,2273	9113217,5030
9	291854,6320	9113211,8810
10	291853,9705	9113206,7220
11	291849,7372	9113206,9860
12	291844,6439	9113207,3830
13	291839,2861	9113208,1110
14	291833,2007	9113208,6400
15	291826,9168	9113208,9710
16	291822,6835	9113209,0370
17	291822,8422	9113210,2980
18	291823,2656	9113216,6480
19	291823,5068	9113222,9160
20	291823,7449	9113227,9170
21	291824,0624	9113234,8230
22	291824,5387	9113239,7440
23	291824,9620	9113246,8350
24	291825,1208	9113252,8140
25	291825,7558	9113261,4930
26	291826,0733	9113267,2080
27	291826,6024	9113272,8700

TABELA 98 – ZEIS 2 CONJUNTO HABITACIONAL IMBIRIBEIRA I - SÃO FRANCISCO DE ASSIS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289612,2629	9103697,4680
2	289586,9850	9103584,5160
3	289584,4463	9103582,9050
4	289520,2847	9103597,2630
5	289518,6745	9103599,8020
6	289528,0371	9103641,6410
7	289562,1924	9103633,9980
8	289578,5706	9103707,1880
9	289610,6530	9103700,0080
10	289612,2629	9103697,4680

TABELA 99 – ZEIS 2 CONJUNTO HABITACIONAL IMBIRIBEIRA II - CINCO DE MAIO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289265,9894	9105380,8950
2	289261,2428	9105359,1040
3	289260,6443	9105356,3510
4	289231,3824	9105362,8680
5	289229,6117	9105354,2640
6	289200,3667	9105359,4720
7	289205,4508	9105389,1490
8	289206,9697	9105392,1760
9	289231,6087	9105419,6050
10	289235,0011	9105419,9680
11	289265,1744	9105384,1820
12	289265,9894	9105380,8950

TABELA 100 – ZEIS 2 CONJUNTO HABITACIONAL IMBIRIBEIRA II - NICOLAU COPÉRNICO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289671,3215	9105934,7990
2	289689,3420	9105930,5070
3	289682,9919	9105901,3490
4	289697,7617	9105898,2610
5	289691,3024	9105868,7380
6	289623,8717	9105883,4910
7	289622,5909	9105886,9100
8	289622,8127	9105890,1970
9	289633,0799	9105934,8050
10	289636,0547	9105933,8900
11	289637,5211	9105940,0650
12	289648,9460	9105939,1870
13	289659,4512	9105937,5280
14	289671,3215	9105934,7990

TABELA 101 – ZEIS 2 CONJUNTO HABITACIONAL SANTO ANTÔNIO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291677,6152	9112698,5780
2	291653,4657	9112645,2300
3	291632,8408	9112654,9930
4	291624,8520	9112658,8320
5	291617,3448	9112662,0280
6	291645,7528	9112727,1440
7	291661,1130	9112764,3630
8	291668,3050	9112761,6120
9	291676,5245	9112758,4690
10	291700,6756	9112749,2330
11	291677,6152	9112698,5780

TABELA 102 – ZEIS 2 CONJUNTO HABITACIONAL SERGIO LORETO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292215,1500	9107282,4100
2	292227,6200	9107274,4400
3	292241,1200	9107279,6200
4	292251,8600	9107251,6500
5	292119,7800	9107201,7900
6	292102,1400	9107257,2300
7	292162,6200	9107275,5900
8	292135,4400	9107360,0400
9	292153,9500	9107376,8400
10	292231,3500	9107325,9600
11	292206,5600	9107290,1200
12	292215,1500	9107282,4100

TABELA 103 – ZEIS 2 CONJUNTO HABITACIONAL TRAVESSA DO GUSMÃO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292106,3024	9107197,4980
2	292021,1263	9107173,1100
3	292006,3845	9107218,7920
4	292025,8373	9107238,8260
5	292047,1421	9107283,6550
6	292062,4734	9107283,4360
7	292072,6689	9107296,9550
8	292074,5354	9107296,5400
9	292106,3024	9107197,4980

TABELA 104 – ZEIS 2 CONJUNTO HABITACIONAL VÁRZEA II – SÃO FRANCISCO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	283522,5100	9112224,5700
2	283496,8600	9112117,1400
3	283469,2400	9112137,5200
4	283458,1800	9112147,7000
5	283436,8500	9112164,5700
6	283413,1700	9112185,5900
7	283427,5300	9112243,7800
8	283522,5100	9112224,5700

TABELA 105 – ZEIS 2 CONJUNTO HABITACIONAL VEREADOR MIGUEL BATISTA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292250,1435	9112934,7740
2	292231,8740	9112886,5830
3	292220,4906	9112890,7790
4	292209,1041	9112859,7410
5	292197,7622	9112825,7690
6	292177,1365	9112831,7070
7	292215,9298	9112918,6860
8	292223,3954	9112938,4280
9	292224,3930	9112943,2460
10	292228,6085	9112956,0450
11	292244,8024	9112995,9350
12	292268,4023	9112983,6550
13	292263,2447	9112969,3230
14	292259,7666	9112962,4930
15	292250,1435	9112934,7740

TABELA 106 – ZEIS 2 CONJUNTO HABITACIONAL VIA MANGUE I

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291512,5946	9105550,3180
2	291505,6550	9105479,9590
3	291359,7543	9105494,1800
4	291366,5615	9105565,0740
5	291512,5946	9105550,3180

TABELA 107 – ZEIS 2 CONJUNTO HABITACIONAL VIA MANGUE II

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290976,3631	9105309,5440
2	290911,7367	9105288,6220
3	290897,6781	9105292,8490
4	290915,3816	9105448,1460
5	291005,3267	9105438,1400
6	290992,3029	9105330,3870
7	290976,3631	9105309,5440

TABELA 108 – ZEIS 2 CONJUNTO HABITACIONAL VIA MANGUE III

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289554,7860	9101943,6720
2	289500,0487	9101699,7390
3	289441,3802	9101712,3220
4	289496,1186	9101956,2600
5	289554,7860	9101943,6720

TABELA 109 – ZEIS 2 CONJUNTO RESIDENCIAL GOVERNADOR MIGUEL ARRAES

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	288659,448400	9117030,653300
2	288596,448700	9116965,653300
3	288548,448600	9117026,653400
4	288546,448600	9117029,653400
5	288473,448500	9117116,653600
6	288539,448200	9117179,653500
7	288577,448200	9117135,653500

8	288626,448300	9117077,653300
9	288638,448300	9117062,653300
10	288659,448400	9117030,653300

TABELA 110 – ZEIS 2 CONJUNTO RESIDENCIAL PORTÃO DO GELO

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291216,9036	9114799,4990
2	291221,6661	9114814,7390
3	291223,5182	9114820,8250
4	291225,9524	9114825,9050
5	291227,1695	9114829,2380
6	291232,9903	9114828,0210
7	291236,5886	9114827,3330
8	291241,5099	9114826,3810
9	291246,6428	9114825,2700
10	291251,4053	9114824,3700
11	291255,7445	9114823,4170
12	291259,1841	9114822,7300
13	291263,6820	9114821,7240
14	291267,0158	9114821,1420
15	291278,2343	9114818,5140
16	291287,1243	9114816,1860
17	291294,7443	9114813,8570
18	291304,6927	9114811,3170
19	291311,2543	9114809,4120
20	291318,4510	9114807,2960
21	291325,7519	9114805,5550
22	291321,3438	9114801,0200
23	291317,2651	9114796,8250
24	291314,3442	9114793,8200
25	291311,6290	9114791,0270
26	291309,2283	9114788,5570
27	291306,2016	9114785,4440
28	291303,9037	9114783,0800
29	291301,8144	9114780,9310
30	291298,7907	9114777,8210
31	291296,2243	9114775,1810
32	291292,2182	9114770,9980
33	291216,9036	9114799,4990

TABELA 111 – ZEIS 2 CONJUNTO RESIDENCIAL SOLANO TRINDADE

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291573,4508	9114496,6490
2	291570,4509	9114491,6490
3	291545,4508	9114512,6490
4	291578,4506	9114559,6490
5	291605,4507	9114540,6490
6	291604,4507	9114538,6490
7	291596,4507	9114527,6490
8	291573,4508	9114496,6490

TABELA 112 – ZEIS 2 CONJUNTO RESIDENCIAL VILA MINERVA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290158,3830	9115231,5380
2	290120,5160	9115169,4650
3	290008,5610	9115247,1850
4	290077,5330	9115344,2130
5	290186,6900	9115271,6220
6	290158,3830	9115231,5380

TABELA 113 – ZEIS 2 LEMOS TORRES

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	288922,1320	9111442,6000
2	288974,0377	9111359,0080
3	288889,0453	9111399,1280
4	288856,5037	9111413,3490
5	288830,0138	9111425,2850
6	288854,1890	9111470,3760
7	288878,5646	9111514,5370
8	288922,1320	9111442,6000

TABELA 114 – ZEIS 2 QUADRA L E QUADRA K		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290066,4685	9103780,6580
2	290058,5310	9103779,5470
3	290053,5304	9103779,8640
4	290037,0204	9103778,6730
5	290035,1947	9103777,4030
6	290030,9085	9103776,8480
7	290010,1122	9103774,7050
8	289995,3484	9103772,2440
9	289969,3927	9103770,5770
10	289936,6108	9103767,7200
11	289922,0851	9103766,0530
12	289896,6057	9103762,7980
13	289878,7463	9103761,6870
14	289849,4458	9103762,0940
15	289834,5921	9103762,2980
16	289824,2530	9103762,0030
17	289826,9941	9103769,1640
18	289830,0850	9103785,7320
19	289833,1756	9103808,1760
20	289834,9564	9103822,5480
21	289837,1032	9103838,6650
22	289839,0275	9103860,2570
23	289842,6227	9103898,6110
24	289843,9422	9103927,7190
25	289845,3866	9103956,7280
26	289846,2973	9103988,2990
27	289846,3904	9104000,0000
28	289846,4269	9104004,5810
29	289846,2001	9104009,7990
30	289846,1442	9104018,5820
31	289845,8902	9104029,3530
32	289845,4567	9104040,5700
33	289845,0505	9104051,5880
34	289844,5480	9104062,3310
35	289843,8856	9104074,2960
36	289843,8804	9104074,3910
37	289843,1735	9104085,5800
38	289842,4094	9104095,3240
39	289841,4837	9104106,0870
40	289840,6362	9104116,5530
41	289839,5276	9104128,0350
42	289838,9623	9104133,3910
43	289841,7624	9104133,6780
44	289844,2770	9104133,9080
45	289856,7124	9104135,0480
46	289859,9524	9104135,3480
47	289868,9512	9104136,1680
48	289869,1013	9104136,1810
49	289879,4924	9104137,1280
50	289883,5607	9104137,6260
51	289917,0575	9104141,7240
52	289925,7750	9104142,7910
53	289944,8724	9104145,1280
54	289944,5122	9104146,2070
55	289947,5633	9104146,5430
56	289977,9395	9104102,1080
57	289980,0717	9104098,9890
58	289977,2131	9104068,5710
59	289969,3444	9104056,7640
60	289984,6887	9104025,0370
61	289989,7824	9104018,8700
62	289990,7376	9104017,7130
63	290004,2925	9104001,3010
64	290013,8118	9103976,9520
65	290015,5810	9103966,3760
66	290019,8030	9103941,1370
67	290021,0391	9103937,1550
68	290024,1152	9103927,2470
69	290026,1989	9103924,3540
70	290028,1492	9103921,6460
71	290032,6937	9103912,1130
72	290033,1628	9103912,0640
73	290036,1415	9103911,7550

74	290043,6361	9103896,0470
75	290058,3881	9103872,7070
76	290070,1944	9103850,9920
77	290082,6593	9103832,6060
78	290100,0499	9103798,8510
79	290091,1542	9103788,0400
80	290088,6936	9103786,6110
81	290066,4685	9103780,6580

TABELA 115 – ZEIS 2 SOUZA LUNA		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289461,8820	9106049,0830
2	289456,7764	9106066,2830
3	289452,9622	9106074,4990
4	289450,0419	9106089,2210
5	289447,9734	9106102,7280
6	289440,3078	9106148,1130
7	289436,2924	9106169,2850
8	289432,3554	9106189,4470
9	289437,1110	9106193,7830
10	289438,4216	9106194,9770
11	289466,3405	9106198,9970
12	289496,0714	9106203,2780
13	289502,9190	9106205,1860
14	289503,2730	9106202,5050
15	289504,9454	9106197,7830
16	289510,5491	9106181,9630
17	289511,9028	9106178,1190
18	289515,1399	9106168,9260
19	289518,7297	9106158,7320
20	289523,5869	9106144,9380
21	289537,6482	9106105,0840
22	289537,4974	9106104,6300
23	289537,4532	9106104,2510
24	289537,7259	9106103,3750
25	289537,7658	9106102,8700
26	289536,1632	9106097,8960
27	289535,3921	9106089,5620
28	289535,0900	9106088,4260
29	289534,8166	9106087,6870
30	289534,2882	9106086,6900
31	289533,9671	9106086,1640
32	289533,5893	9106085,7750
33	289533,1477	9106085,4240
34	289528,0703	9106082,8690
35	289522,2383	9106079,9350
36	289515,3429	9106076,4650
37	289492,3068	9106064,5540
38	289471,1037	9106053,4950
39	289470,6555	9106053,3740
40	289470,0505	9106053,3420
41	289461,8820	9106049,0830

TABELA 116 – ZEIS 2 TORRE DE BABEL		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	285161,4270	9105275,1690
2	285159,0620	9105266,4710
3	285154,5660	9105254,0540
4	285148,3180	9105241,4360
5	285145,8660	9105238,4570
6	285143,8070	9105234,8130
7	285129,6795	9105235,0840
8	285113,2496	9105243,0660
9	285112,7150	9105242,0550
10	285111,9945	9105240,6920
11	285110,3297	9105237,5430
12	285092,3759	9105251,9530
13	285092,9895	9105252,9140
14	285059,7120	9105269,6700
15	285051,4290	9105254,4230
16	285046,6140	9105257,0720
17	285046,6810	9105261,0640
18	285046,6650	9105263,0600
19	285046,5920	9105265,0540
20	285046,4870	9105266,5480

21	285046,2170	9105269,0280
22	285045,8950	9105270,9980
23	285045,4690	9105272,9480
24	285044,9290	9105274,8690
25	285044,2860	9105276,7590
26	285043,5670	9105278,6210
27	285042,7980	9105280,4630
28	285041,9530	9105282,4080
29	285056,5200	9105283,8800
30	285071,0880	9105285,3520
31	285081,9110	9105288,5500
32	285161,4270	9105275,1690

TABELA 117 – ZEIS 2 VILA BRASIL

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291647,6734	9107361,9570
2	291649,8578	9107265,0570
3	291647,9677	9107225,8310
4	291646,0768	9107221,1200
5	291644,1634	9107217,6650
6	291641,4527	9107213,6790
7	291639,5512	9107211,7000
8	291637,7331	9107209,8080
9	291637,5195	9107209,5860
10	291633,5332	9107206,3440
11	291629,1748	9107203,8460
12	291624,3912	9107202,9420
13	291619,8202	9107202,4640
14	291612,3790	9107202,7830
15	291485,3171	9107210,9870
16	291489,3335	9107231,8000
17	291508,4573	9107311,3670
18	291508,7573	9107312,6150
19	291520,4379	9107361,2130
20	291521,9592	9107369,0400
21	291523,6635	9107376,5270
22	291524,5156	9107380,5440
23	291525,7272	9107385,3340
24	291527,2155	9107389,2570
25	291529,2450	9107393,4520
26	291532,0863	9107396,9700
27	291534,7161	9107399,3180
28	291535,8746	9107400,3520
29	291540,2042	9107402,5170
30	291541,1540	9107402,7880
31	291545,8868	9107404,1400
32	291553,4583	9107406,0090
33	291556,0342	9107405,4930
34	291562,9345	9107403,1930
35	291574,4349	9107396,9700
36	291647,6734	9107361,9570

TABELA 118 – ZEIS 1 VILA INDEPENDÊNCIA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	288042,7489	9115402,7610
2	288046,8057	9115394,7810
3	288049,1255	9115390,2180
4	288049,2940	9115389,9950
5	288024,4742	9115370,8160
6	288012,5993	9115359,2570
7	288006,2334	9115353,5830
8	287995,5117	9115342,9550
9	287978,3622	9115363,1360
10	287951,5108	9115394,7340
11	287950,2463	9115396,2220
12	287949,7580	9115396,7960
13	287944,9833	9115393,1330
14	287926,6198	9115379,0430
15	287919,8615	9115373,8580
16	287920,4082	9115373,1340
17	287904,6935	9115362,5180
18	287904,2570	9115362,2230
19	287904,2515	9115362,2200
20	287903,7526	9115361,8820
21	287903,5515	9115361,7470

22	287902,6586	9115362,3930
23	287901,8144	9115363,0040
24	287901,3793	9115363,3200
25	287901,3106	9115363,3690
26	287901,2722	9115363,3970
27	287898,2943	9115365,4280
28	287895,6102	9115367,2580
29	287895,2652	9115367,4940
30	287878,7396	9115378,7660
31	287877,2497	9115379,9960
32	287873,7352	9115382,8950
33	287872,3622	9115384,0280
34	287872,3582	9115384,0310
35	287872,1890	9115384,1730
36	287871,6774	9115384,6000
37	287871,1653	9115385,0270
38	287870,1405	9115385,8830
39	287869,1158	9115386,7390
40	287867,0668	9115388,4510
41	287864,2192	9115390,8280
42	287862,3581	9115392,3810
43	287860,8135	9115393,6710
44	287859,3393	9115394,9030
45	287858,8207	9115395,3360
46	287858,5920	9115395,5270
47	287858,3632	9115395,7170
48	287858,0975	9115395,9390
49	287857,9056	9115396,0990
50	287857,4484	9115396,4790
51	287857,2202	9115396,6690
52	287856,9926	9115396,8580
53	287856,7654	9115397,0480
54	287856,5386	9115397,2370
55	287856,3121	9115397,4260
56	287856,0862	9115397,6150
57	287855,8607	9115397,8040
58	287855,6356	9115397,9930
59	287855,4111	9115398,1820
60	287855,1871	9115398,3700
61	287854,9637	9115398,5590
62	287854,7409	9115398,7480
63	287854,5187	9115398,9370
64	287854,2971	9115399,1260
65	287854,0762	9115399,3150
66	287853,8560	9115399,5030
67	287853,6365	9115399,6930
68	287853,4177	9115399,8820
69	287853,1997	9115400,0710
70	287852,9825	9115400,2600
71	287852,7661	9115400,4500
72	287852,5505	9115400,6400
73	287852,3357	9115400,8300
74	287852,1219	9115401,0200
75	287851,9089	9115401,2110
76	287851,6968	9115401,4010
77	287851,4813	9115401,5920
78	287851,2622	9115401,7830
79	287851,0414	9115401,9740
80	287851,1571	9115401,8920
81	287851,0231	9115402,0150
82	287850,8896	9115402,1380
83	287850,7564	9115402,2620
84	287850,6237	9115402,3850
85	287850,4913	9115402,5090
86	287850,4518	9115402,5460
87	287850,3594	9115402,6330
88	287850,2279	9115402,7570
89	287850,0968	9115402,8810
90	287849,9661	9115403,0060
91	287849,8359	9115403,1310
92	287849,7061	9115403,2560
93	287849,5767	9115403,3810
94	287849,4287	9115403,5250
95	287849,2811	9115403,6690
96	287849,1339	9115403,8140

97	287848,9872	9115403,9600
98	287848,8409	9115404,1050
99	287848,7393	9115404,2070
100	287841,7108	9115412,3430
101	287839,4054	9115415,7540
102	287839,1394	9115416,1480
103	287836,2140	9115420,4770
104	287836,0396	9115420,7350
105	287836,0144	9115420,7780
106	287835,0055	9115422,5370
107	287835,0031	9115422,5420
108	287833,1939	9115426,3530
109	287833,1368	9115426,4730
110	287831,1230	9115430,7160
111	287831,1177	9115430,7280
112	287831,0444	9115430,9110
113	287830,9665	9115431,1080
114	287830,8890	9115431,3050
115	287830,8118	9115431,5020
116	287830,7350	9115431,7000
117	287830,6586	9115431,8980
118	287830,5824	9115432,0960
119	287830,5066	9115432,2950
120	287830,4311	9115432,4940
121	287830,3559	9115432,6930
122	287830,2810	9115432,8930
123	287830,2063	9115433,0930
124	287830,1320	9115433,2930
125	287830,0579	9115433,4940
126	287829,9841	9115433,6950
127	287829,9120	9115433,8930
128	287829,8402	9115434,0900
129	287829,7686	9115434,2880
130	287829,6972	9115434,4860
131	287829,6260	9115434,6840
132	287829,5550	9115434,8830
133	287829,4842	9115435,0820
134	287829,4136	9115435,2810
135	287829,3431	9115435,4810
136	287829,2728	9115435,6810
137	287828,9456	9115436,6200
138	287827,6844	9115440,2970
139	287822,9529	9115453,5530
140	287821,6037	9115473,4220
141	287845,5092	9115477,4050
142	287853,2633	9115478,8520
143	287866,5616	9115481,3330
144	287874,1178	9115482,2730
145	287884,5436	9115484,1770
146	287896,9695	9115486,4460
147	287905,6695	9115488,0960
148	287910,7069	9115489,3460
149	287920,2154	9115491,7060
150	287923,1969	9115491,9050
151	287929,3799	9115492,3190
152	287937,4204	9115492,4890
153	287944,5581	9115492,6390
154	287945,3822	9115492,6560
155	287946,4783	9115493,0140
156	287948,9870	9115493,8330
157	287952,1622	9115494,8700
158	287957,9542	9115489,4560
159	287962,8927	9115484,3820
160	287964,5227	9115482,7400
161	287966,6518	9115480,5960
162	287969,5511	9115478,1290
163	287973,2110	9115475,0160
164	287975,5279	9115473,2890
165	287978,4868	9115470,5070
166	287979,4756	9115469,4080
167	287981,8958	9115466,1310
168	287986,1091	9115462,8920
169	287989,7838	9115460,8630
170	287994,1668	9115459,4910
171	287997,3204	9115457,6740

172	288000,1879	9115455,1150
173	288002,6598	9115452,9090
174	288006,0909	9115448,9680
175	288008,9760	9115445,5080
176	288010,0902	9115443,9210
177	288011,7652	9115440,3940
178	288013,4654	9115438,2500
179	288016,0892	9115435,7380
180	288019,1293	9115433,7750
181	288020,7969	9115432,6170
182	288023,1876	9115430,6540
183	288025,1577	9115428,9130
184	288027,0984	9115426,7210
185	288028,3141	9115425,1030
186	288029,5186	9115423,2750
187	288031,0755	9115421,2830
188	288033,3957	9115418,8170
189	288033,6507	9115418,5460
190	288034,3658	9115417,7130
191	288035,2121	9115416,7280
192	288036,4183	9115415,5720
193	288036,5875	9115415,4100
194	288038,7274	9115413,3580
195	288039,8563	9115412,1850
196	288040,6291	9115408,6010
197	288041,6364	9115405,8260
198	288042,7489	9115402,7610

TABELA 119 – ZEPH SÍTIO TRINDADE – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289379,0376	9112078,0682
2	289343,5406	9111970,3778
3	289329,6595	9111952,2363
4	289288,8580	9111897,4549
5	289270,4780	9111869,6838
6	289244,6606	9111836,5578
7	289200,9706	9111778,3278
8	289197,6178	9111778,5050
9	289166,7397	9111743,4123
10	289160,4137	9111736,0090
11	289137,4595	9111710,9098
12	289099,3733	9111663,1826
13	288986,6174	9111698,9165
14	289039,9606	9111787,5078
15	289066,0230	9111827,0776
16	289102,0531	9111878,9178
17	289137,2692	9111928,9140
18	289140,3066	9111927,5392
19	289144,3848	9111939,2264
20	289148,8656	9111952,0672
21	289157,5024	9111959,2478
22	289255,1706	9112095,0578
23	289260,5910	9112110,6989
24	289379,0376	9112078,0682

TABELA 120 – ZEPH SÍTIO TRINDADE – SPA-1

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289148,1559	9111610,4048
2	289137,2337	9111593,7792
3	289130,6217	9111598,4598
4	289107,4739	9111614,2882
5	289108,1594	9111615,2002
6	289104,1804	9111617,9921
7	289096,1015	9111607,4664
8	289085,4517	9111593,0904
9	289073,6895	9111577,7536
10	289061,8198	9111563,1534
11	289052,1539	9111551,3774
12	289053,2872	9111550,6124
13	289035,7462	9111529,5038
14	289020,6651	9111541,3020
15	289031,7262	9111555,2134
16	289050,6565	9111579,6995
17	289053,1596	9111583,0178
18	289062,0869	9111592,5312

19	289071,2087	9111624,4643
20	289074,7095	9111635,8458
21	289060,3454	9111640,1543
22	289046,0249	9111644,3766
23	289036,3124	9111647,3878
24	289033,8424	9111647,8878
25	289021,9524	9111651,2678
26	289016,9824	9111653,6778
27	289009,6524	9111655,3878
28	289001,9924	9111657,4878
29	288993,6524	9111660,5578
30	288983,6376	9111656,3791
31	288977,4286	9111644,8114
32	288968,2624	9111649,8878
33	288953,6281	9111657,1271
34	288949,7848	9111659,1083
35	288938,1666	9111639,4677
36	288933,4687	9111631,5260
37	288928,7910	9111625,1474
38	288924,2123	9111617,6181
39	288920,6820	9111610,4879
40	288906,0363	9111587,0976
41	288903,6692	9111579,3194
42	288892,6299	9111592,3215
43	288884,7268	9111611,2523
44	288882,9030	9111637,0196
45	288885,9821	9111641,1505
46	288890,2281	9111647,9626
47	288893,7632	9111655,1694
48	288902,5932	9111680,3083
49	288916,6413	9111721,5273
50	288949,0894	9111711,1409
51	288951,6024	9111719,4378
52	288961,7113	9111755,6169
53	288964,9268	9111769,4731
54	288966,5051	9111774,0437
55	288970,3018	9111788,8932
56	288975,1424	9111787,2578
57	288975,6312	9111789,7120
58	288977,8224	9111796,8677
59	288979,7724	9111802,3578
60	288980,5024	9111806,4778
61	288981,8385	9111811,5469
62	288973,5240	9111814,1508
63	288975,2798	9111819,3565
64	288980,8696	9111833,3954
65	288985,2209	9111832,2410
66	288996,5142	9111828,6189
67	288997,7542	9111832,4389
68	289004,5161	9111848,2897
69	288992,5801	9111853,6391
70	289017,1024	9111910,5678
71	289010,0024	9111912,8878
72	289018,1224	9111933,9578
73	289031,2724	9111927,4878
74	289037,4324	9111941,2778
75	289040,1367	9111940,1903
76	289042,3524	9111947,1678
77	289045,6824	9111953,9778
78	289050,5924	9111964,0978
79	289064,9705	9111994,3424
80	289080,5773	9111987,2540
81	289082,2024	9111991,9078
82	289091,7988	9112021,4754
83	289081,5690	9112024,8779
84	289081,8769	9112029,2544
85	289082,3324	9112035,8178
86	289082,7824	9112043,1778
87	289082,9124	9112046,1778
88	289083,5324	9112050,3378
89	289083,5724	9112052,4678
90	289084,1924	9112055,2978
91	289084,0824	9112061,2478
92	289088,3924	9112075,9478
93	289092,6124	9112086,5778

94	289095,5906	9112093,6208
95	289099,4001	9112101,2728
96	289094,2524	9112103,2578
97	289101,2324	9112118,4578
98	289107,1324	9112130,8878
99	289115,7091	9112148,7195
100	289117,2724	9112155,2806
101	289119,5621	9112162,2922
102	289140,8146	9112227,6694
103	289152,2493	9112223,8121
104	289153,4801	9112227,3855
105	289162,8079	9112224,2165
106	289174,5317	9112260,2204
107	289177,4587	9112269,5541
108	289184,8714	9112257,6723
109	289185,7700	9112256,8276
110	289197,7742	9112245,5430
111	289202,4376	9112241,5457
112	289211,4314	9112238,2147
113	289216,4311	9112235,8974
114	289201,1777	9112180,4566
115	289206,3524	9112179,0678
116	289235,1724	9112170,8378
117	289242,5321	9112168,5635
118	289240,0788	9112155,4848
119	289243,9024	9112154,2978
120	289270,5524	9112147,4478
121	289276,8322	9112146,1867
122	289280,0305	9112164,5571
123	289286,2232	9112200,1270
124	289292,9257	9112198,7441
125	289358,6422	9112179,7682
126	289365,1889	9112211,0320
127	289382,4634	9112208,5567
128	289384,1171	9112212,7318
129	289386,5744	9112211,8632
130	289386,6686	9112212,0969
131	289393,5993	9112209,7440
132	289407,7732	9112205,2143
133	289407,8024	9112205,3090
134	289420,2844	9112201,5495
135	289426,4558	9112199,5403
136	289426,5546	9112199,8345
137	289435,2474	9112197,2098
138	289440,7140	9112195,7731
139	289445,6914	9112194,2875
140	289445,5627	9112193,8335
141	289454,6999	9112191,1506
142	289461,0803	9112189,1551
143	289461,7870	9112188,9611
144	289461,5829	9112188,3793
145	289466,2775	9112187,0324
146	289466,3950	9112187,4915
147	289471,6045	9112186,0416
148	289471,4391	9112185,5191
149	289476,9237	9112183,8445
150	289462,4600	9112141,8587
151	289454,6319	9112118,7966
152	289480,2277	9112111,2961
153	289480,3865	9112111,2501
154	289464,7187	9112063,8797
155	289462,6324	9112057,0987
156	289457,7156	9112058,7037
157	289398,1442	9111911,0764
158	289383,4447	9111891,6517
159	289369,1515	9111878,7820
160	289351,1741	9111866,8330
161	289319,3545	9111844,6714
162	289304,9295	9111832,1366
163	289293,9138	9111820,8401
164	289243,7708	9111749,7678
165	289148,1559	9111610,4048
166	289255,1706	9112095,0578
167	289157,5024	9111959,2478
168	289148,8656	9111952,0672

169	289144,3848	9111939,2264
170	289140,3066	9111927,5392
171	289137,2692	9111928,9140
172	289102,0531	9111878,9178
173	289100,3589	9111877,1290
174	289066,0230	9111827,0776
175	289039,9606	9111787,5078
176	288986,6174	9111698,9165
177	289099,3733	9111663,1826
178	289137,4595	9111710,9098
179	289160,4137	9111736,0090
180	289166,7397	9111743,4123
181	289197,6178	9111778,5050
182	289200,9706	9111778,3278
183	289244,6606	9111836,5578
184	289270,4780	9111869,6838
185	289288,8580	9111897,4549
186	289329,6595	9111952,2363
187	289343,5406	9111970,3778
188	289379,0376	9112078,0682
189	289260,5910	9112110,6989
190	289255,1706	9112095,0578

TABELA 121 – ZEPH SÍTIO TRINDADE – SPA-2 – POLÍGONO 01

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289511,4269	9112102,1825
2	289496,2079	9112047,1089
3	289495,7124	9112041,9178
4	289480,3342	9112002,4578
5	289480,2295	9112002,0276
6	289458,7994	9111915,5520
7	289447,7907	9111891,4289
8	289444,2327	9111884,9007
9	289453,0241	9111879,9077
10	289448,9724	9111874,9078
11	289407,6764	9111830,4585
12	289402,8180	9111825,4349
13	289397,5144	9111830,4282
14	289393,7884	9111826,1417
15	289385,8739	9111817,6777
16	289376,6588	9111809,2086
17	289357,1049	9111793,1464
18	289361,6147	9111783,2217
19	289326,9358	9111741,0997
20	289319,3938	9111748,1674
21	289316,1037	9111751,7474
22	289314,3475	9111753,7925
23	289312,1037	9111751,5874
24	289313,4737	9111749,5774
25	289310,1637	9111746,7274
26	289303,1837	9111742,1874
27	289289,5337	9111728,9574
28	289289,0437	9111729,2374
29	289286,5795	9111725,9574
30	289282,7863	9111721,1357
31	289281,7868	9111719,8653
32	289279,8405	9111718,2293
33	289297,0691	9111704,5645
34	289294,4337	9111700,9373
35	289290,3991	9111695,9385
36	289275,8236	9111677,4172
37	289270,3094	9111669,8644
38	289246,2810	9111684,5411
39	289236,6135	9111670,9672
40	289226,0535	9111660,0071
41	289209,7711	9111634,8243
42	289207,8961	9111630,6263
43	289224,6172	9111625,2876
44	289221,1459	9111610,9278
45	289218,3527	9111601,5456
46	289214,7943	9111592,4262
47	289208,8698	9111580,9043
48	289205,4840	9111575,2222
49	289197,3289	9111563,5971
50	289192,9109	9111566,8928

51	289163,7611	9111586,7470
52	289148,1779	9111597,3608
53	289142,1523	9111601,2663
54	289148,1559	9111610,4048
55	289152,6478	9111616,9520
56	289243,7708	9111749,7678
57	289293,9138	9111820,8401
58	289304,9295	9111832,1366
59	289319,3545	9111844,6714
60	289351,1741	9111866,8330
61	289369,1515	9111878,7820
62	289383,4447	9111891,8517
63	289398,1442	9111911,0764
64	289457,7156	9112058,7037
65	289462,6324	9112057,0987
66	289480,3865	9112111,2501
67	289454,6319	9112118,7966
68	289462,4600	9112141,8587
69	289476,9237	9112183,8445
70	289477,4871	9112183,6725
71	289478,2716	9112186,4929
72	289481,6561	9112185,6682
73	289481,7205	9112185,9189
74	289493,4509	9112183,1762
75	289493,3722	9112182,8152
76	289500,2324	9112181,3946
77	289493,7205	9112158,8812
78	289519,0981	9112151,5463
79	289524,6438	9112150,0112
80	289511,4269	9112102,1825

TABELA 122 – ZEPH SÍTIO TRINDADE – SPA-2 – POLÍGONO 02

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	288954,9357	9112075,6699
2	288957,6252	9112085,4395
3	288963,1768	9112083,2926
4	288998,1524	9112068,6078
5	289024,9424	9112058,5678
6	289031,0707	9112056,2177
7	289027,7177	9112046,4246
8	289034,5224	9112044,1078
9	289081,5856	9112029,3387
10	289081,8769	9112029,2544
11	289081,5690	9112024,8779
12	289091,7988	9112021,4754
13	289082,2024	9111991,9078
14	289080,5773	9111987,2540
15	289064,9705	9111994,3424
16	289050,5924	9111964,0978
17	289045,6824	9111953,9778
18	289042,3524	9111947,1678
19	289040,1367	9111940,1903
20	289037,4324	9111941,2778
21	289031,2724	9111927,4878
22	289018,1224	9111933,9578
23	289010,0024	9111912,8878
24	289017,1024	9111910,5678
25	288992,5801	9111853,6391
26	289004,5161	9111848,2897
27	288997,7542	9111832,4389
28	288996,5142	9111828,6189
29	288985,2209	9111832,2410
30	288980,8696	9111833,3954
31	288975,2798	9111819,3565
32	288973,5240	9111814,1508
33	288981,8385	9111811,5469
34	288980,5024	9111806,4778
35	288979,7724	9111802,3578
36	288977,8224	9111796,8677
37	288975,6312	9111789,7120
38	288975,1424	9111787,2578
39	288970,3018	9111788,8932
40	288966,5051	9111774,0437
41	288964,9268	9111769,4731
42	288961,7113	9111755,6169

43	288951,6024	9111719,4378
44	288949,0894	9111711,1409
45	288916,6413	9111721,5273
46	288902,5932	9111680,3083
47	288899,7631	9111672,2511
48	288893,6212	9111675,3985
49	288874,1598	9111686,5904
50	288869,9924	9111679,3078
51	288866,8205	9111672,4515
52	288863,4321	9111665,7469
53	288859,7508	9111658,4626
54	288849,5624	9111663,7178
55	288853,2424	9111670,7678
56	288860,2124	9111684,2678
57	288862,7724	9111689,1078
58	288882,9924	9111725,0578
59	288886,0597	9111731,2624
60	288851,4867	9111742,2070
61	288854,3144	9111749,5885
62	288860,9197	9111771,3406
63	288862,5697	9111776,4407
64	288865,2926	9111785,7706
65	288868,9897	9111797,2107
66	288869,8697	9111799,9607
67	288871,7897	9111803,3307
68	288873,6973	9111811,2948
69	288875,2797	9111816,1807
70	288875,4897	9111817,6207
71	288877,8598	9111825,7608
72	288888,4498	9111851,3808
73	288899,1398	9111880,8810
74	288900,7098	9111884,6710
75	288902,1435	9111893,3077
76	288917,4248	9111945,5938
77	288933,3375	9112000,0405
78	288939,7291	9112021,9100
79	288944,8517	9112019,3463
80	288970,3292	9112007,5518
81	288977,7299	9112028,8766
82	288979,1361	9112033,2648
83	288947,2024	9112047,5787
84	288954,9357	9112075,6699

TABELA 123 – ZEPH APIUCOS – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286783,9033	9112937,0309
2	286798,7537	9112916,6511
3	286800,5606	9112914,0720
4	286820,4961	9112915,8183
5	286826,5273	9112951,4731
6	286823,9191	9112953,4030
7	286824,0899	9112953,9930
8	286825,5933	9112959,1864
9	286836,1921	9112948,5499
10	286836,2528	9112948,7767
11	286836,3521	9112948,9896
12	286836,4868	9112949,1820
13	286836,6528	9112949,3480
14	286836,8452	9112949,4827
15	286837,0581	9112949,5820
16	286837,2849	9112949,6428
17	286837,5188	9112949,6633
18	286837,7528	9112949,6428
19	286838,9681	9112950,2128
20	286842,0556	9112952,3063
21	286842,6872	9112952,8698
22	286843,6315	9112955,0995
23	286845,2025	9112959,6918
24	286845,9485	9112960,0760
25	286846,6241	9112960,5735
26	286847,2125	9112961,1717
27	286847,6987	9112961,8556
28	286848,0705	9112962,6078
29	286848,3184	9112963,4094
30	286848,4362	9112964,2402

31	286850,2024	9112966,5379
32	286852,2691	9112969,8650
33	286852,7232	9112970,5986
34	286853,2890	9112971,2499
35	286853,9518	9112971,8023
36	286854,6945	9112972,2413
37	286855,4979	9112972,5558
38	286856,3413	9112972,7375
39	286856,5424	9112973,1921
40	286856,7745	9112973,5234
41	286857,0607	9112973,8096
42	286857,3922	9112974,0419
43	286857,6589	9112974,1737
44	286858,2093	9112974,5855
45	286858,9709	9112975,3474
46	286859,5889	9112976,2298
47	286859,9346	9112976,9266
48	286859,8252	9112977,4300
49	286859,7885	9112977,9439
50	286859,8252	9112978,4577
51	286859,9346	9112978,9611
52	286865,4200	9112976,2632
53	286871,3599	9112974,2513
54	286871,5796	9112974,1928
55	286869,5507	9112969,1478
56	286865,2706	9112965,2579
57	286859,9506	9112944,0878
58	286858,6805	9112940,4980
59	286856,7606	9112936,3478
60	286855,4705	9112933,0178
61	286854,1809	9112928,5179
62	286853,8007	9112926,8279
63	286849,7806	9112916,3077
64	286849,1105	9112914,7178
65	286849,0008	9112912,7979
66	286849,4208	9112910,1479
67	286850,1707	9112908,1479
68	286851,7906	9112905,3379
69	286854,8107	9112898,7079
70	286855,8406	9112896,6978
71	286856,3510	9112894,8179
72	286859,4607	9112889,2477
73	286861,1707	9112886,6179
74	286863,7405	9112883,3179
75	286865,1006	9112881,8381
76	286866,3407	9112880,1177
77	286867,3107	9112878,3382
78	286869,3906	9112872,6179
79	286869,9406	9112870,8278
80	286870,2206	9112868,9778
81	286871,0806	9112866,6379
82	286871,8808	9112865,0378
83	286873,3407	9112863,4578
84	286880,0824	9112853,8449
85	286878,3312	9112846,2628
86	286809,9204	9112864,0650
87	286806,0044	9112859,0972
88	286801,2975	9112854,3905
89	286796,0577	9112850,2855
90	286790,3615	9112846,8419
91	286784,2915	9112844,1099
92	286780,2752	9112842,7611
93	286699,9609	9112813,4822
94	286696,3342	9112834,5408
95	286638,9560	9112832,1166
96	286649,1108	9112711,8978
97	286624,3878	9112712,7827
98	286604,6036	9112714,4006
99	286545,8768	9112724,0709
100	286500,1107	9112736,8979
101	286499,0458	9112814,3749
102	286498,5605	9112867,4178
103	286497,0245	9112911,6406
104	286413,2575	9112893,3975
105	286369,0856	9112888,2020

106	286340,3975	9112890,6134
107	286323,2958	9112895,1809
108	286310,3653	9112900,1177
109	286198,8117	9112958,9374
110	286200,6246	9112969,9562
111	286203,5124	9112980,6757
112	286206,5011	9112998,2717
113	286196,7430	9113006,9544
114	286191,8725	9113007,1073
115	286191,4148	9113007,8043
116	286186,4766	9113009,1944
117	286182,2760	9113009,7456
118	286176,0876	9113016,8644
119	286176,3857	9113019,7557
120	286177,1899	9113022,1176
121	286178,4903	9113023,5208
122	286176,2655	9113025,8853
123	286173,9114	9113024,1871
124	286169,2433	9113028,9725
125	286167,8452	9113030,9456
126	286166,9878	9113032,8445
127	286165,3921	9113035,9273
128	286158,5694	9113040,6597
129	286162,5264	9113046,8752
130	286142,8356	9113062,5082
131	286097,1736	9113030,4946
132	286087,1605	9113050,7645
133	286083,7939	9113062,1833
134	286078,0907	9113093,0832
135	286076,8847	9113115,1906
136	286079,2965	9113134,2824
137	286088,9588	9113166,7613
138	286098,1962	9113199,1958
139	286101,6116	9113228,0848
140	286100,2046	9113257,3467
141	286095,3980	9113280,2186
142	286094,2548	9113283,9166
143	286099,9875	9113290,5653
144	286174,1768	9113417,4266
145	286227,8596	9113386,8867
146	286323,1296	9113334,7887
147	286327,7330	9113332,0952
148	286324,1186	9113325,9692
149	286330,4007	9113321,3849
150	286329,8120	9113321,1641
151	286356,2579	9113299,9598
152	286355,9819	9113299,5416
153	286400,5966	9113272,1632
154	286427,0920	9113302,2212
155	286456,8701	9113326,7718
156	286461,8796	9113321,1936
157	286499,3706	9113278,1218
158	286500,7516	9113275,0997
159	286501,1403	9113274,0966
160	286502,3569	9113270,3510
161	286503,8137	9113260,3413
162	286503,9125	9113246,2464
163	286504,2762	9113239,2318
164	286504,4182	9113226,1020
165	286502,2183	9113225,8163
166	286505,1393	9113209,0209
167	286509,4786	9113193,9850
168	286517,6625	9113164,6934
169	286526,6473	9113151,9223
170	286539,8819	9113133,9906
171	286545,0304	9113130,6618
172	286551,2778	9113126,1267
173	286555,6089	9113122,9129
174	286559,5495	9113119,3688
175	286575,5418	9113104,7532
176	286582,1671	9113094,3512
177	286586,6705	9113082,6793
178	286587,5334	9113083,1868
179	286594,2456	9113069,4539
180	286597,2696	9113063,1171

181	286599,7632	9113057,2752
182	286601,5612	9113052,1363
183	286603,2579	9113047,9131
184	286604,1859	9113045,6031
185	286605,7133	9113040,8029
186	286605,9363	9113039,6672
187	286607,1824	9113033,3196
188	286611,8297	9113020,7000
189	286619,8016	9113003,3539
190	286622,7869	9112996,1491
191	286648,4050	9113004,3472
192	286648,0007	9112999,1042
193	286647,1208	9112994,1943
194	286641,1443	9112955,4634
195	286643,5435	9112955,1225
196	286646,7480	9112954,7313
197	286648,9263	9112957,1899
198	286653,5049	9112957,6618
199	286668,8148	9112960,1033
200	286683,9164	9112962,7962
201	286693,0469	9112964,4787
202	286692,6070	9112967,8610
203	286700,8600	9112967,0285
204	286713,1363	9112965,8948
205	286720,6614	9112963,7645
206	286729,1777	9112959,2556
207	286735,2081	9112955,8542
208	286742,4900	9112951,7477
209	286750,9266	9112947,1792
210	286751,5421	9112947,0119
211	286755,9917	9112945,8028
212	286759,0965	9112944,9592
213	286762,4629	9112944,6374
214	286765,4795	9112944,3491
215	286765,3369	9112943,7569
216	286769,4307	9112942,9582
217	286775,0342	9112941,8650
218	286781,2959	9112940,6433
219	286783,4296	9112939,7172
220	286783,9033	9112937,0309

TABELA 124 – ZEPH APIUCOS – SPA-1

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286198,8117	9112958,9374
2	286180,5346	9112968,6062
3	286117,4395	9113008,1009
4	286107,3695	9113016,7153
5	286106,6267	9113018,1451
6	286097,1736	9113030,4946
7	286142,8356	9113062,5082
8	286162,5264	9113046,8752
9	286158,5694	9113040,6597
10	286165,3921	9113035,9273
11	286166,9878	9113032,8445
12	286167,8452	9113030,9456
13	286169,2433	9113028,9725
14	286173,9114	9113024,1871
15	286176,2655	9113025,8853
16	286178,4903	9113023,5208
17	286177,1899	9113022,1176
18	286176,3857	9113019,7557
19	286176,0876	9113016,8644
20	286182,2760	9113009,7456
21	286186,4766	9113009,1944
22	286191,4148	9113007,8043
23	286191,8725	9113007,1073
24	286196,7430	9113006,9544
25	286206,5011	9112998,2717
26	286203,5124	9112980,6757
27	286200,6246	9112969,9562
28	286198,8117	9112958,9374

TABELA 125 – ZEPH APIPUCOS – SPA-2 – POLIGONO 01		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286821,0510	9112720,4529
2	286783,7766	9112723,2020
3	286717,9540	9112715,6662
4	286649,1108	9112711,8978
5	286638,9560	9112832,1166
6	286696,3342	9112834,5408
7	286699,9609	9112813,4822
8	286784,2915	9112844,1099
9	286790,3615	9112846,8419
10	286796,0577	9112850,2855
11	286801,2975	9112854,3905
12	286806,0044	9112859,0972
13	286809,9204	9112864,0650
14	286878,3312	9112846,2628
15	286881,2934	9112845,9399
16	286843,0763	9112729,9069
17	286821,0510	9112720,4529

TABELA 126 – ZEPH APIPUCOS – SPA-2 – POLIGONO 02		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286500,0559	9112740,8821
2	286395,1312	9112774,2680
3	286358,3997	9112691,0268
4	286230,8943	9112665,8623
5	286143,5984	9112674,1088
6	286089,6483	9112613,1880
7	286021,4596	9112606,1398
8	285881,3217	9112630,1650
9	285908,5809	9112930,7037
10	285924,7926	9113046,7444
11	285937,4091	9113085,7071
12	285945,4754	9113090,9619
13	285950,2488	9113095,2970
14	285996,1465	9113156,4576
15	286088,4398	9113277,1724
16	286094,2548	9113283,9166
17	286098,1962	9113268,8657
18	286100,2046	9113257,3467
19	286101,4134	9113245,7166
20	286101,7219	9113231,2783
21	286101,4134	9113222,3449
22	286098,1962	9113199,1958
23	286091,8609	9113176,9514
24	286081,6915	9113143,6101
25	286077,6905	9113124,7871
26	286076,8847	9113115,1906
27	286076,8847	9113105,5605
28	286078,4764	9113090,8180
29	286081,2757	9113074,3798
30	286082,1417	9113069,9889
31	286084,4172	9113059,7149
32	286087,1605	9113050,7645
33	286097,1736	9113030,4946
34	286107,3695	9113016,7153
35	286117,4395	9113008,1009
36	286180,5346	9112968,6062
37	286198,8117	9112958,9374
38	286310,3653	9112900,1177
39	286323,2958	9112895,1809
40	286340,3975	9112890,6134
41	286369,0856	9112888,2020
42	286413,2575	9112893,3975
43	286497,0245	9112911,6406
44	286498,5605	9112867,4178
45	286499,0458	9112814,3749
46	286500,0559	9112740,8821

TABELA 127 – ZEPH BENFICA – SPS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290513,9480	9108738,6573
2	290540,0764	9108654,3781
3	290573,2438	9108662,0313
4	290577,0263	9108650,5810

5	290585,6161	9108635,9761
6	290592,3289	9108616,9303
7	290602,2401	9108556,8191
8	290577,9117	9108388,7851
9	290574,7608	9108360,3060
10	290563,5832	9108301,5104
11	290529,2406	9108308,0061
12	290460,5685	9108320,0856
13	290456,6499	9108320,9284
14	290449,2920	9108323,1470
15	290442,2117	9108326,1352
16	290435,4891	9108329,8590
17	290429,2004	9108334,2763
18	290428,5233	9108334,8144
19	290423,1182	9108339,9425
20	290417,1239	9108346,6612
21	290411,7653	9108353,8972
22	290407,0869	9108361,5904
23	290406,9130	9108361,9095
24	290403,6588	9108370,3520
25	290401,2038	9108379,5724
26	290399,9577	9108389,5203
27	290398,6402	9108405,9895
28	290323,6153	9108420,8047
29	290279,2872	9108501,1436
30	290262,4658	9108531,2890
31	290256,9647	9108537,1302
32	290253,2129	9108539,4531
33	290246,2424	9108541,6739
34	290188,1438	9108550,7436
35	290213,9247	9108717,5862
36	290161,1655	9108763,6842
37	290126,2973	9108791,9342
38	290118,6883	9108802,4262
39	290160,1878	9108806,0170
40	290184,8287	9108805,4970
41	290210,1161	9108800,3431
42	290230,4356	9108790,9120
43	290242,2894	9108783,3279
44	290287,6919	9108748,2041
45	290308,0017	9108736,6137
46	290320,5592	9108734,2183
47	290334,5528	9108740,6557
48	290459,9680	9108824,0232
49	290466,9473	9108815,7317
50	290488,8527	9108788,8478
51	290497,0495	9108772,4543
52	290513,9480	9108738,6573

TABELA 128 – ZEPH BENFICA – SPA-1		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290185,3062	9108534,5072
2	290169,8170	9108536,8586
3	290169,2930	9108534,9725
4	290161,4339	9108532,6671
5	290155,6705	9108539,5832
6	290153,1614	9108537,3749
7	290119,2687	9108580,8091
8	290060,8767	9108747,4613
9	290052,4527	9108786,3978
10	290051,7718	9108796,2789
11	290042,4154	9108795,6115
12	290041,1764	9108831,3098
13	290041,6069	9108843,2300
14	290044,9565	9108851,5498
15	290047,7438	9108858,2790
16	290051,2671	9108864,6539
17	290055,4820	9108870,5942
18	290057,6325	9108873,1529
19	290060,4803	9108876,0774
20	290064,3649	9108879,2378
21	290065,0368	9108879,7845
22	290070,0557	9108882,8366
23	290075,4435	9108885,1768
24	290078,5111	9108886,1396

25	290127,8677	9108899,6272
26	290145,4984	9108904,3551
27	290169,9930	9108908,5081
28	290166,1513	9108871,6136
29	290164,7292	9108852,4578
30	290189,7570	9108850,2162
31	290204,4194	9108848,4966
32	290231,4386	9108860,1862
33	290243,5853	9108833,6996
34	290250,2339	9108819,4248
35	290295,2149	9108840,2799
36	290296,0014	9108832,3586
37	290303,3129	9108791,3671
38	290381,0374	9108825,4777
39	290424,5069	9108855,1426
40	290435,6695	9108845,3466
41	290459,9680	9108824,0232
42	290334,5528	9108740,6557
43	290320,5592	9108734,2183
44	290308,0017	9108736,6137
45	290288,7929	9108746,6398
46	290242,2894	9108783,3279
47	290233,7827	9108788,8317
48	290213,6496	9108799,0593
49	290210,1161	9108800,3431
50	290184,8287	9108805,4970
51	290160,1878	9108806,0170
52	290118,6883	9108802,4262
53	290126,2973	9108791,9342
54	290161,1655	9108763,6842
55	290213,9247	9108717,5862
56	290188,1438	9108550,7436
57	290185,3062	9108534,5072

TABELA 129 – ZEPH BENFICA – SPA-2

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290424,2673	9108854,9791
2	290381,0374	9108825,4777
3	290303,3129	9108791,3671
4	290296,0014	9108832,3586
5	290295,2149	9108840,2799
6	290250,2339	9108819,4248
7	290231,4386	9108860,1862
8	290205,8016	9108849,0740
9	290204,4194	9108848,4966
10	290189,7570	9108850,2162
11	290172,3801	9108851,6942
12	290164,7292	9108852,4578
13	290164,7888	9108853,1625
14	290166,1513	9108871,6136
15	290169,9930	9108908,5081
16	290173,6369	9108939,1100
17	290176,4815	9108962,9993
18	290263,7458	9109006,7833
19	290289,0910	9108968,7656
20	290312,3282	9108944,4212
21	290327,4557	9108927,7549
22	290380,7867	9108893,5098
23	290424,2673	9108854,9791

TABELA 130 – ZEPH CAPUNGA – SPS-1

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290126,6146	9109483,8763
2	290375,4204	9109479,6158
3	290359,1857	9109369,6861
4	290214,2602	9109350,4741
5	290199,0126	9109348,5571
6	290104,2180	9109336,2692
7	290100,8993	9109356,3863
8	290094,0730	9109376,8651
9	290088,6755	9109393,0576
10	290087,5642	9109397,5026
11	290078,8925	9109452,9065
12	290076,7097	9109475,5284
13	290076,1142	9109483,1457
14	290126,6146	9109483,8763

TABELA 131 – ZEPH CAPUNGA – SPS-2 – POLÍGONO 01

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290671,0319	9109428,7356
2	290605,7420	9109453,8998
3	290626,6207	9109500,5668
4	290634,3835	9109496,6309
5	290648,6182	9109527,7828
6	290706,5871	9109493,5890
7	290671,0319	9109428,7356

TABELA 132 – ZEPH CAPUNGA – SPS-2 – POLÍGONO 02

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290578,4504	9109569,1163
2	290557,0339	9109581,6342
3	290581,9434	9109610,0098
4	290586,3915	9109606,9018
5	290604,7049	9109595,9754
6	290612,5996	9109591,6904
7	290610,0489	9109587,7148
8	290606,4280	9109582,0713
9	290601,5760	9109585,0556
10	290597,0623	9109588,1213
11	290595,2614	9109585,4079
12	290588,6938	9109589,2609
13	290584,6736	9109584,4449
14	290587,5185	9109581,9916
15	290582,0450	9109573,6635
16	290578,4504	9109569,1163

TABELA 133 – ZEPH CAPUNGA – SPA-1 – POLÍGONO 01

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290359,1857	9109369,6861
2	290359,5592	9109364,2252
3	290360,8278	9109357,7385
4	290369,3717	9109328,3588
5	290375,0004	9109307,8293
6	290369,8424	9109306,2078
7	290349,2524	9109300,4478
8	290337,8324	9109297,4078
9	290326,7124	9109294,2678
10	290319,5024	9109292,3678
11	290314,0092	9109290,8309
12	290300,9539	9109287,1782
13	290296,3671	9109285,7049
14	290277,6480	9109280,5807
15	290247,4024	9109272,5478
16	290245,2067	9109271,9436
17	290234,2324	9109268,9278
18	290229,6324	9109267,5178
19	290178,6389	9109252,8468
20	290127,0973	9109237,9603
21	290120,8661	9109264,7386
22	290113,4106	9109299,7382
23	290111,7395	9109307,5832
24	290104,2180	9109336,2692
25	290199,0126	9109348,5571
26	290214,2602	9109350,4741
27	290359,1857	9109369,6861

TABELA 134 – ZEPH CAPUNGA – SPA-1 – POLÍGONO 02

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290377,8083	9109498,7266
2	290375,0849	9109479,6215
3	290126,6146	9109483,8763
4	290076,1142	9109483,1457
5	290075,6514	9109494,0492
6	290074,9238	9109501,7222
7	290175,3628	9109509,9506
8	290303,6882	9109534,9193
9	290377,8083	9109498,7266

TABELA 135 – ZEPH CAPUNGA – SPA-2 – POLÍGONO 01		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290641,2732	9109366,2321
2	290663,8250	9109414,9594
3	290610,6582	9109408,4778
4	290605,4324	9109451,6778
5	290605,7420	9109453,8998
6	290671,0319	9109428,7356
7	290706,5871	9109493,5890
8	290713,6381	9109494,6324
9	290728,2724	9109489,1578
10	290767,4124	9109478,7378
11	290750,4024	9109425,7778
12	290748,6419	9109418,1253
13	290734,3627	9109419,7690
14	290722,5629	9109420,3200
15	290712,5924	9109383,7478
16	290699,5824	9109358,5878
17	290694,9757	9109348,5954
18	290689,2324	9109336,1478
19	290641,2732	9109366,2321

TABELA 136 – ZEPH CAPUNGA – SPA-2 – POLÍGONO 02		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290605,7420	9109453,8998
2	290548,7883	9109476,8449
3	290549,9424	9109484,3278
4	290551,7424	9109492,7078
5	290551,8424	9109498,8778
6	290573,8624	9109563,9478
7	290576,3929	9109570,3858
8	290612,5351	9109549,0669
9	290648,6182	9109527,7828
10	290634,3835	9109496,6309
11	290626,6207	9109500,5668
12	290605,7420	9109453,8998

TABELA 137 – ZEPH POÇO DA PANELA – SPS-1		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287855,0165	9111030,2686
2	287849,4249	9111035,9867
3	287842,1763	9111042,8166
4	287843,9924	9111045,5978
5	287839,5302	9111049,1127
6	287844,1751	9111054,1662
7	287834,5524	9111062,5978
8	287820,5806	9111046,2530
9	287814,9842	9111050,9316
10	287833,0836	9111071,1121
11	287830,0175	9111073,8293
12	287812,4402	9111054,0622
13	287789,7301	9111082,9838
14	287771,2485	9111067,6973
15	287744,5380	9111100,4843
16	287755,2924	9111110,7878
17	287746,5424	9111119,1078
18	287779,7724	9111144,1578
19	287777,4065	9111148,7518
20	287771,2224	9111157,3078
21	287769,5280	9111159,1030
22	287751,9724	9111177,6378
23	287690,1747	9111165,6184
24	287686,4526	9111280,6953
25	287762,5204	9111294,7357
26	287816,6224	9111308,5678
27	287852,4126	9111315,9631
28	287844,5717	9111350,0982
29	287842,9755	9111360,1967
30	287880,7440	9111368,5006
31	287887,0624	9111337,8378
32	287899,8719	9111340,3153
33	287906,0631	9111312,5340
34	287926,3170	9111317,6537
35	287939,5124	9111321,3678
36	287935,0024	9111340,4678

37	287956,8424	9111352,2278
38	287965,1924	9111340,2678
39	287975,0924	9111328,0578
40	287977,7224	9111325,6178
41	287987,9569	9111309,0794
42	288022,2154	9111330,1817
43	288038,1251	9111318,0315
44	288064,4590	9111366,9025
45	288105,9108	9111344,2689
46	288108,7142	9111338,5187
47	288112,0705	9111330,3565
48	288169,6761	9111300,8012
49	288175,5660	9111250,1043
50	288164,3594	9111249,7325
51	288132,8842	9111155,1279
52	288100,5311	9111172,0234
53	288091,0815	9111174,8674
54	288062,5493	9111175,9378
55	288045,0638	9111174,9600
56	288023,1024	9111171,2330
57	288006,4761	9111166,5071
58	287979,7662	9111154,1029
59	287962,1097	9111143,1524
60	287873,2369	9111048,4574
61	287855,0165	9111030,2686

TABELA 138 – ZEPH POÇO DA PANELA – SPS-2		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	288621,3889	9111605,8672
2	288598,9164	9111567,4244
3	288640,5224	9111538,1578
4	288635,1024	9111340,1178
5	288633,3024	9111527,3978
6	288620,2140	9111509,2602
7	288612,9421	9111499,3585
8	288614,4391	9111498,2543
9	288622,3047	9111492,4527
10	288655,8598	9111467,5840
11	288620,8449	9111409,1137
12	288617,7019	9111403,8124
13	288613,7089	9111397,7790
14	288578,6452	9111417,0611
15	288564,8806	9111390,1601
16	288570,9892	9111387,2611
17	288550,1833	9111347,9319
18	288538,6029	9111353,7023
19	288527,2713	9111329,8450
20	288534,1588	9111326,5012
21	288512,8620	9111284,7180
22	288503,4360	9111267,5989
23	288505,5537	9111266,5154
24	288502,7621	9111261,7654
25	288501,3724	9111262,4747
26	288495,5224	9111250,9547
27	288486,4445	9111255,2611
28	288478,3723	9111240,8446
29	288476,8723	9111239,5846
30	288466,2023	9111222,8046
31	288452,5833	9111201,9492
32	288442,8922	9111186,8944
33	288436,9422	9111179,4344
34	288429,0322	9111170,2444
35	288427,5322	9111171,5144
36	288407,2729	9111154,1677
37	288401,7765	9111163,0230
38	288391,0808	9111178,1189
39	288385,5987	9111183,4570
40	288379,5802	9111188,1821
41	288373,0937	9111192,2407
42	288370,8958	9111193,4089
43	288357,0031	9111205,2459
44	288282,1629	9111269,0122
45	288287,7585	9111271,5625
46	288340,2302	9111304,5933
47	288344,8780	9111298,4552

48	288365,7424	9111337,5078
49	288368,1124	9111340,8278
50	288373,1924	9111351,4878
51	288358,5724	9111365,9478
52	288353,6624	9111370,9778
53	288348,3586	9111378,0610
54	288344,3624	9111383,9278
55	288351,4436	9111389,5632
56	288347,6337	9111394,5162
57	288363,2141	9111407,1252
58	288380,5924	9111422,9178
59	288384,3330	9111426,3952
60	288394,0708	9111414,7746
61	288418,5124	9111438,0878
62	288380,1324	9111462,6678
63	288385,9324	9111471,6278
64	288385,5024	9111476,5178
65	288410,1124	9111520,4678
66	288420,0224	9111538,0378
67	288454,1683	9111594,4650
68	288432,3947	9111607,3266
69	288437,3124	9111612,6878
70	288437,1224	9111613,5078
71	288441,2620	9111617,8293
72	288463,7524	9111641,3078
73	288468,5924	9111651,7378
74	288497,8824	9111635,3978
75	288504,4924	9111644,0978
76	288517,9724	9111637,7078
77	288566,7524	9111627,2078
78	288621,3889	9111605,8672

TABELA 139 – ZEPH POÇO DA PANELA – SPA-1

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287793,9773	9111578,7605
2	287953,1630	9111603,3976
3	288022,2275	9111614,7386
4	288084,9881	9111526,5649
5	288092,5830	9111532,8535
6	288096,3021	9111527,6048
7	288115,6803	9111542,6150
8	288126,3225	9111550,8284
9	288130,2349	9111545,5630
10	288133,7166	9111540,8773
11	288135,7259	9111538,4987
12	288137,3573	9111537,8914
13	288139,1691	9111544,3944
14	288143,9377	9111530,8703
15	288149,0085	9111516,7237
16	288151,6439	9111509,1732
17	288155,3808	9111509,1555
18	288156,2690	9111500,0000
19	288157,0922	9111490,9158
20	288163,1762	9111489,3187
21	288163,0109	9111485,9889
22	288173,0916	9111487,0065
23	288186,8780	9111485,1066
24	288174,1775	9111458,8629
25	288195,3655	9111448,7812
26	288208,7055	9111441,5919
27	288227,1304	9111430,7507
28	288242,3884	9111420,7064
29	288259,9676	9111407,8301
30	288268,9064	9111400,1822
31	288285,0973	9111383,1303
32	288340,2302	9111304,5933
33	288292,8916	9111274,6214
34	288287,7585	9111271,5625
35	288282,1629	9111269,0122
36	288357,0031	9111205,2459
37	288370,8958	9111193,4089
38	288379,5802	9111188,1821
39	288385,5987	9111183,4570
40	288391,0808	9111178,1189
41	288395,9644	9111172,2285

42	288400,1943	9111165,8522
43	288401,7765	9111163,0230
44	288398,8404	9111151,8517
45	288396,0395	9111145,4933
46	288387,1214	9111131,9633
47	288384,1998	9111119,8219
48	288383,4830	9111090,4203
49	288380,9472	9111052,5332
50	288275,0481	9111082,5059
51	288268,3627	9111084,3016
52	288266,6608	9111080,3652
53	288258,8907	9111062,3551
54	288250,3807	9111042,7550
55	288238,2607	9111045,4950
56	288225,1550	9111052,2614
57	288197,2195	9111048,0368
58	288168,0238	9111043,2145
59	288129,2264	9111037,2890
60	288129,4223	9111031,2956
61	288129,0225	9111022,5200
62	288128,2030	9111016,0036
63	288126,5809	9111007,1039
64	288124,5580	9111001,1448
65	288121,0302	9110994,2550
66	288115,6196	9110985,8160
67	288103,4019	9110971,0540
68	288089,9761	9110956,0611
69	288083,5166	9110946,6366
70	288069,5039	9110924,3251
71	288065,8867	9110921,7143
72	288058,6031	9110928,1906
73	288054,0341	9110925,6966
74	288028,8859	9110908,8521
75	288003,2862	9110890,8810
76	287994,4566	9110883,8033
77	287992,3179	9110885,4220
78	287961,3340	9110911,4893
79	287942,7466	9110926,2846
80	287937,4843	9110930,3113
81	287834,7431	9111006,8526
82	287847,9522	9111022,9998
83	287888,5231	9111064,7450
84	287962,1097	9111143,1524
85	287979,7662	9111154,1029
86	288006,4761	9111166,5071
87	288023,1024	9111171,2330
88	288045,0638	9111174,9600
89	288062,5493	9111175,9378
90	288091,0815	9111174,8674
91	288100,5311	9111172,0234
92	288132,8842	9111155,1279
93	288164,3594	9111249,7325
94	288175,5660	9111250,1043
95	288169,6761	9111300,8012
96	288112,0705	9111330,3565
97	288108,7142	9111338,5187
98	288105,9108	9111344,2689
99	288064,4590	9111366,9025
100	288038,0792	9111318,0666
101	288022,2154	9111330,1817
102	287987,9569	9111309,0794
103	287977,7224	9111325,6178
104	287975,0924	9111328,0578
105	287965,1924	9111340,2678
106	287956,8424	9111352,2278
107	287935,0024	9111340,4678
108	287939,5124	9111321,3678
109	287926,6988	9111317,7611
110	287906,0631	9111312,5340
111	287899,8824	9111340,3878
112	287887,0624	9111337,8378
113	287880,7440	9111368,5006
114	287842,9755	9111360,1967
115	287844,5717	9111350,0982
116	287852,4126	9111315,9631

117	287816,6224	9111308,5678
118	287762,5204	9111294,7357
119	287686,4526	9111280,6953
120	287673,8896	9111395,6009
121	287664,0872	9111442,3511
122	287619,5113	9111547,4051
123	287696,5667	9111559,6478
124	287794,8315	9111576,2023
125	287793,9773	9111578,7605

TABELA 140 – ZEPH POÇO DA PANELA – SPA-2

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287794,8315	9111576,2023
2	287619,5113	9111547,4051
3	287550,0181	9111663,3280
4	287537,4860	9111680,3761
5	287589,7254	9111754,7290
6	287615,1242	9111740,0861
7	287689,1394	9111694,0649
8	287695,9365	9111691,8501
9	287765,3007	9111685,7319
10	287770,7706	9111686,4760
11	287770,1942	9111678,3239
12	287794,2643	9111578,8018
13	287794,8315	9111576,2023

TABELA 141 – ZEPH POÇO DA PANELA – SPA-3

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	288344,8780	9111298,4552
2	288340,2302	9111304,5933
3	288285,0973	9111383,1303
4	288268,9064	9111400,1822
5	288259,9676	9111407,8301
6	288242,3884	9111420,7064
7	288227,1304	9111430,7507
8	288208,7055	9111441,5919
9	288195,3655	9111448,7812
10	288174,1775	9111458,8629
11	288186,8780	9111485,1066
12	288193,2488	9111485,9197
13	288247,1434	9111494,8743
14	288280,0255	9111500,2562
15	288285,4662	9111501,2532
16	288293,2204	9111503,5084
17	288296,2376	9111504,7537
18	288306,1386	9111508,0676
19	288313,4098	9111511,0320
20	288316,0956	9111512,2474
21	288316,4123	9111512,3951
22	288319,6617	9111514,0690
23	288329,3616	9111519,6693
24	288332,0512	9111521,3932
25	288337,0185	9111524,8909
26	288347,1932	9111532,7833
27	288356,2017	9111540,7253
28	288365,9575	9111550,4041
29	288395,9742	9111581,6328
30	288411,4969	9111597,4761
31	288425,1887	9111611,6006
32	288432,0207	9111618,8909
33	288447,4222	9111636,1409
34	288452,3093	9111642,3211
35	288456,5745	9111649,0266
36	288457,8653	9111651,4035
37	288458,7178	9111653,2717
38	288460,4264	9111657,3888
39	288463,1778	9111665,5977
40	288464,4865	9111670,8715
41	288465,1599	9111674,0255
42	288466,3560	9111682,6001
43	288470,2395	9111722,5414
44	288470,8572	9111730,3104
45	288477,1195	9111777,2986
46	288479,1433	9111787,7338
47	288481,9599	9111797,9833

48	288485,5530	9111807,9873
49	288489,5656	9111817,0042
50	288499,9591	9111838,2883
51	288503,2020	9111845,7170
52	288506,1253	9111850,6596
53	288532,3386	9111843,1781
54	288559,1101	9111834,4953
55	288647,1296	9111805,9480
56	288721,6711	9111782,8235
57	288673,8837	9111697,5826
58	288781,2607	9111556,4884
59	288776,7881	9111551,5440
60	288745,9124	9111518,5984
61	288737,2543	9111509,3598
62	288733,8906	9111504,7743
63	288689,4669	9111444,2694
64	288712,8105	9111427,5780
65	288753,6886	9111398,3471
66	288759,8466	9111393,9460
67	288802,5879	9111384,0011
68	288754,5891	9111294,3300
69	288661,7801	9111125,0650
70	288636,4741	9111020,4531
71	288635,6058	9110111,5011
72	288593,4482	9111010,6969
73	288571,6035	9111013,1005
74	288544,3567	9111020,8432
75	288520,5267	9111032,6357
76	288502,6534	9111045,4229
77	288494,4642	9111052,7606
78	288480,0174	9111067,9224
79	288471,3268	9111059,1422
80	288447,4122	9110983,5300
81	288440,9219	9110955,3141
82	288374,1541	9110975,4946
83	288376,9271	9111004,0435
84	288380,9472	9111052,5332
85	288383,4830	9111090,4203
86	288384,1998	9111119,8219
87	288387,1214	9111131,9633
88	288396,0395	9111145,4933
89	288398,8404	9111151,8517
90	288401,7765	9111163,0230
91	288407,2729	9111154,1677
92	288427,5322	9111171,5144
93	288429,0322	9111170,2444
94	288436,9422	9111179,4344
95	288442,8922	9111186,8944
96	288473,2718	9111233,9224
97	288476,8723	9111239,5846
98	288478,3723	9111240,8446
99	288486,4445	9111255,2611
100	288495,5224	9111250,9547
101	288501,3724	9111262,4747
102	288502,7621	9111261,7654
103	288505,5537	9111266,5154
104	288503,4360	9111267,5989
105	288512,8620	9111284,7180
106	288534,1588	9111326,5012
107	288527,2713	9111329,8450
108	288538,6029	9111353,7023
109	288550,1833	9111347,9319
110	288570,9892	9111387,2611
111	288564,8806	9111390,1601
112	288578,6452	9111417,0611
113	288613,7089	9111397,7790
114	288617,7019	9111403,8124
115	288655,8598	9111467,5840
116	288622,3047	9111492,4527
117	288612,9421	9111499,3585
118	288620,2140	9111509,2602
119	288633,3024	9111527,3978
120	288635,1024	9111530,1178
121	288640,5224	9111538,1578
122	288598,9164	9111567,4244

123	288621,3889	9111605,8672
124	288566,7524	9111627,2078
125	288517,9724	9111637,7078
126	288504,4924	9111644,0978
127	288497,8824	9111635,3978
128	288468,5924	9111651,7378
129	288463,7524	9111641,3078
130	288441,2620	9111617,8293
131	288437,1224	9111613,5078
132	288437,3124	9111612,6878
133	288432,3947	9111607,3266
134	288454,1683	9111594,4650
135	288420,0224	9111538,0378
136	288410,1124	9111520,4678
137	288385,5024	9111476,5178
138	288385,9324	9111471,6278
139	288380,1324	9111462,6678
140	288418,5124	9111438,0878
141	288394,0708	9111414,7746
142	288384,3330	9111426,3952
143	288380,5924	9111422,9178
144	288363,2141	9111407,1252
145	288347,6337	9111394,5162
146	288351,4436	9111389,5632
147	288344,3624	9111383,9278
148	288348,3586	9111378,0610
149	288353,6624	9111370,9778
150	288358,5724	9111365,9478
151	288373,1924	9111351,4878
152	288368,1124	9111340,8278
153	288365,7424	9111337,5078
154	288344,8780	9111298,4552

TABELA 142 – ZEPH PONTE D'UCHOA – SPS-1 – POLIGONO 01

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290352,0417	9110411,8189
2	290363,3265	9110361,5385
3	290355,8501	9110360,1466
4	290300,8424	9110349,0353
5	290298,8518	9110358,7332
6	290301,0540	9110359,1944
7	290296,6931	9110378,4672
8	290272,5999	9110365,0386
9	290232,5039	9110343,8053
10	290231,9688	9110344,3553
11	290199,4238	9110326,1158
12	290162,4745	9110306,2522
13	290132,5020	9110352,1345
14	290111,7586	9110392,7746
15	290104,1411	9110439,9769
16	290084,4238	9110524,5508
17	290083,5662	9110543,9546
18	290085,0830	9110559,2000
19	290083,8403	9110753,3539
20	290022,2965	9110913,6999
21	289983,1505	9110969,7285
22	289875,2966	9111081,8739
23	289825,4813	9111105,3789
24	289902,2288	9111156,4973
25	289886,5989	9111182,6573
26	289884,8054	9111185,7879
27	289877,4965	9111199,8187
28	289884,2735	9111203,2670
29	289900,4224	9111211,5178
30	289902,9124	9111211,9978
31	289905,4324	9111214,6178
32	289918,2331	9111224,0799
33	289927,0124	9111229,9578
34	289937,4124	9111231,8578
35	289951,1924	9111246,5578
36	289963,6796	9111251,2673
37	289974,7824	9111255,7778
38	289983,6789	9111259,4090
39	289997,3824	9111266,0478
40	290007,4131	9111271,5398

41	290011,3124	9111273,7578
42	290020,4424	9111278,7878
43	290031,9913	9111285,7804
44	290041,4124	9111293,4378
45	290050,6411	9111301,3569
46	290072,9024	9111318,9478
47	290077,8130	9111324,3767
48	290106,3095	9111293,5383
49	290206,4941	9111173,2222
50	290260,8305	9111107,0152
51	290293,8648	9111066,7500
52	290284,4018	9111059,7839
53	290068,0301	9110955,3019
54	290051,0497	9110943,1894
55	290061,5328	9110931,7722
56	290070,2891	9110934,1736
57	290094,1224	9110941,9478
58	290106,1924	9110945,6978
59	290119,8124	9110948,7578
60	290131,8698	9110951,5298
61	290144,6324	9110953,9778
62	290158,8045	9110957,7994
63	290169,1808	9110960,5974
64	290188,1324	9110965,7078
65	290207,7224	9110970,7678
66	290213,5324	9110972,3828
67	290219,3424	9110973,9978
68	290228,0124	9110975,9278
69	290206,1824	9110962,4578
70	290195,1324	9110955,6478
71	290192,4724	9110953,9778
72	290187,8981	9110951,9867
73	290184,5924	9110950,5478
74	290199,0944	9110919,7047
75	290204,3954	9110909,2265
76	290234,5476	9110849,6282
77	290238,1545	9110841,9351
78	290161,8818	9110803,0693
79	290201,1289	9110752,8382
80	290205,8623	9110747,3364
81	290214,7631	9110722,8547
82	290223,9098	9110695,1914
83	290227,8817	9110680,9152
84	290232,2287	9110667,2769
85	290237,3335	9110653,9038
86	290243,1800	9110640,8379
87	290249,7501	9110628,1205
88	290257,0228	9110615,7913
89	290273,5829	9110592,4521
90	290277,0060	9110589,0049
91	290285,3227	9110580,8306
92	290292,5428	9110572,7197
93	290305,7485	9110556,4930
94	290314,1800	9110545,6985
95	290319,0455	9110537,8523
96	290322,5869	9110530,4983
97	290325,3786	9110522,8284
98	290327,1309	9110516,1636
99	290330,6853	9110504,9004
100	290333,1125	9110496,1597
101	290349,4204	9110423,4984
102	290352,0417	9110411,8189

TABELA 143 – ZEPH PONTE D'UCHOA – SPS-1 – POLIGONO 02

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290450,3885	9110359,9966
2	290450,9524	9110351,2078
3	290453,2782	9110325,2482
4	290457,4506	9110278,6783
5	290458,7005	9110264,7277
6	290460,8024	9110241,2678
7	290461,0204	9110231,9363
8	290399,5285	9110226,1490
9	290378,4764	9110222,9555
10	290377,4218	9110233,4909

11	290364,3734	9110345,2509
12	290364,6804	9110351,6003
13	290374,4558	9110353,9462
14	290443,3565	9110359,4363
15	290450,3885	9110359,9966

TABELA 144 – ZEPH PONTE D'UCHOA – SPS-2

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290364,9624	9110543,6978
2	290328,4908	9110512,0055
3	290327,1309	9110516,1636
4	290325,3786	9110522,8284
5	290322,5869	9110530,4983
6	290319,0455	9110537,8523
7	290314,1800	9110545,6985
8	290305,7485	9110556,4930
9	290292,5428	9110572,7197
10	290285,3227	9110580,8306
11	290277,0060	9110589,0049
12	290273,5829	9110592,4521
13	290257,0228	9110615,7913
14	290249,7501	9110628,1205
15	290243,1800	9110640,8379
16	290237,3335	9110653,9038
17	290232,2287	9110667,2769
18	290227,8817	9110680,9152
19	290223,9098	9110695,1914
20	290214,7631	9110722,8547
21	290205,8623	9110747,3364
22	290201,1289	9110752,8382
23	290188,9221	9110767,8698
24	290181,4389	9110777,7514
25	290161,8818	9110803,0693
26	290238,1545	9110841,9351
27	290332,2208	9110889,8678
28	290335,8124	9110884,0778
29	290366,4773	9110839,9485
30	290415,4924	9110765,5178
31	290507,1524	9110712,7678
32	290520,4171	9110702,2965
33	290552,2824	9110677,1478
34	290494,0525	9110635,6678
35	290467,7241	9110616,9039
36	290438,4124	9110596,0278
37	290396,9924	9110566,5278
38	290364,9624	9110543,6978

TABELA 145 – ZEPH PONTE D'UCHOA – SPA – POLÍGONO 01

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290238,1545	9110841,9351
2	290234,5476	9110849,6262
3	290199,0944	9110919,7047
4	290184,5924	9110950,5478
5	290190,1833	9110952,9814
6	290192,4724	9110953,9778
7	290195,1324	9110955,6478
8	290228,0124	9110975,9278
9	290213,5324	9110972,3828
10	290188,1324	9110965,7078
11	290169,1808	9110960,5974
12	290144,6324	9110953,9778
13	290142,0924	9110953,9778
14	290131,8698	9110951,5298
15	290104,3924	9110945,2978
16	290061,5328	9110931,7722
17	290051,0497	9110943,1894
18	290068,0301	9110955,3019
19	290284,4018	9111059,7839
20	290293,8648	9111066,7500
21	290354,4997	9110995,2037
22	290399,4306	9110939,4931
23	290407,9301	9110929,4299
24	290400,7466	9110924,7861
25	290361,7515	9110904,9156
26	290238,1545	9110841,9351

TABELA 146 – ZEPH PONTE D'UCHOA – SPA – POLÍGONO 02

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290184,4474	9110259,4402
2	290162,4745	9110306,2522
3	290199,4238	9110326,1158
4	290231,9688	9110344,3553
5	290232,5039	9110343,8053
6	290272,5999	9110365,0386
7	290296,6931	9110378,4672
8	290301,0540	9110359,1944
9	290298,8518	9110358,7332
10	290300,8424	9110349,0353
11	290355,8501	9110360,1466
12	290363,3265	9110361,5385
13	290333,1125	9110486,1597
14	290330,6853	9110504,9004
15	290328,4908	9110512,0055
16	290364,9624	9110543,6978
17	290494,0525	9110635,6678
18	290497,3088	9110601,4174
19	290498,2424	9110591,5979
20	290526,8924	9110553,8778
21	290531,0703	9110549,7305
22	290459,2989	9110402,8479
23	290444,6295	9110371,3316
24	290443,3717	9110367,4604
25	290442,9462	9110363,4123
26	290443,3565	9110359,4363
27	290374,4558	9110353,9462
28	290364,6804	9110351,6003
29	290364,3734	9110345,2509
30	290378,4764	9110222,9555
31	290215,3837	9110187,3893
32	290184,4474	9110259,4402

TABELA 147 – ZEPH PONTE D'UCHOA – SPA – POLÍGONO 03

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290450,3885	9110359,9966
2	290467,3622	9110361,3490
3	290491,1491	9110361,7386
4	290502,0274	9110235,7957
5	290461,6748	9110231,9979
6	290450,3885	9110359,9966

TABELA 148 – ZEPH VÁRZEA – SPS – POLÍGONO 01

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	284186,7935	9109647,7898
2	284186,8150	9109647,8247
3	284203,9602	9109641,0145
4	284207,2454	9109640,0131
5	284228,8641	9109631,1224
6	284290,5866	9109606,6057
7	284253,4000	9109468,5037
8	284164,5564	9109505,7047
9	284120,0378	9109518,6886
10	284138,3850	9109553,1317
11	284155,5442	9109575,4572
12	284163,1365	9109595,3926
13	284118,6035	9109612,4132
14	284123,2547	9109624,6409
15	284115,0993	9109628,6070
16	284112,9929	9109629,6307
17	284109,1843	9109631,2038
18	284106,7820	9109632,1961
19	284107,5635	9109635,8562
20	284108,1958	9109638,8178
21	284109,1450	9109643,2635
22	284114,5269	9109641,2947
23	284117,0769	9109640,3618
24	284120,0823	9109639,2624
25	284126,6419	9109636,8627
26	284131,0727	9109635,2418
27	284132,3288	9109638,3817
28	284154,9897	9109630,6159
29	284161,2586	9109654,6348
30	284186,7935	9109647,7898

TABELA 149 – ZEPH VÁRZEA – SPS – POLÍGONO 02		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	284121,4829	9109665,0683
2	284059,8695	9109682,6303
3	284053,1623	9109683,5544
4	284042,7845	9109641,0246
5	284038,7256	9109642,1416
6	284025,8031	9109644,9499
7	284034,9805	9109681,2330
8	284036,2950	9109687,1757
9	284012,6458	9109692,9275
10	284019,8471	9109744,6596
11	284030,7012	9109812,9025
12	284040,4708	9109841,7264
13	284048,5743	9109900,3060
14	284104,2929	9109891,9652
15	284101,7852	9109874,9915
16	284107,5842	9109873,3946
17	284145,3718	9109867,2012
18	284143,1437	9109853,6694
19	284138,1388	9109826,7556
20	284136,5483	9109821,2176
21	284168,7634	9109811,3077
22	284121,4829	9109665,0683

TABELA 150 – ZEPH VÁRZEA – SPA – POLÍGONO 01		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	284120,0378	9109518,6886
2	284077,5009	9109531,3272
3	284067,2237	9109535,3781
4	284023,5906	9109562,3649
5	284044,1459	9109647,0481
6	284053,1623	9109683,5544
7	284059,8695	9109682,6303
8	284069,6402	9109679,7596
9	284121,4829	9109665,0683
10	284144,3929	9109735,9314
11	284178,3781	9109724,5488
12	284180,3943	9109730,3900
13	284215,7477	9109719,1003
14	284310,6734	9109693,2929
15	284290,5866	9109606,6057
16	284186,7935	9109647,7898
17	284161,2586	9109654,6348
18	284154,9897	9109630,6159
19	284132,3288	9109638,3817
20	284131,0727	9109635,2418
21	284120,0823	9109639,2624
22	284117,0769	9109640,3618
23	284114,5269	9109641,2947
24	284109,1450	9109643,2635
25	284106,7820	9109632,1961
26	284109,1843	9109631,2038
27	284112,9929	9109629,6307
28	284115,0993	9109628,6070
29	284123,2547	9109624,6409
30	284118,6035	9109612,4132
31	284163,1365	9109595,3926
32	284155,5442	9109575,4572
33	284151,0140	9109569,5629
34	284138,3850	9109553,1317
35	284120,0378	9109518,6886

TABELA 151 – ZEPH VÁRZEA – SPA – POLÍGONO 02		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	283957,2011	9109667,4474
2	283966,1811	9109697,2161
3	283971,8997	9109731,2248
4	283965,3076	9109732,5697
5	283966,7839	9109754,9423
6	283937,3850	9109760,2555
7	283939,4710	9109784,7498
8	283960,4188	9109781,8464
9	283979,7045	9109778,7085
10	283985,7727	9109829,1134

11	283938,3154	9109829,6646
12	283944,8345	9109912,9730
13	284055,1984	9109965,8359
14	284055,3636	9109979,4698
15	284135,1476	9110005,2980
16	284127,8905	9109988,8662
17	284117,8271	9109948,9040
18	284111,9849	9109932,0646
19	284108,1147	9109911,8886
20	284154,8787	9109904,0660
21	284146,0243	9109869,6102
22	284145,3718	9109867,2012
23	284107,5842	9109873,3946
24	284101,7852	9109874,9915
25	284104,2929	9109881,9652
26	284048,5743	9109900,3060
27	284040,4708	9109841,7264
28	284030,7012	9109812,9025
29	284019,8471	9109744,6596
30	284012,6458	9109692,9275
31	284036,2950	9109687,1757
32	284025,8031	9109644,9499
33	284012,3032	9109647,8837
34	284008,2924	9109628,8715
35	284006,8846	9109629,1908
36	283998,9229	9109614,3065
37	283966,7199	9109636,6792
38	283968,1176	9109639,6460
39	283973,8266	9109653,1599
40	283955,1628	9109660,8285
41	283957,2011	9109667,4474

TABELA 152 – ZEPH BOA VISTA – SPS-1		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292294,8185	9108014,9975
2	292269,4703	9108007,2675
3	292244,1749	9108048,3276
4	292188,7300	9108029,4200
5	292188,7100	9108029,4600
6	292188,6000	9108029,7500
7	292185,7200	9108037,2000
8	292185,6900	9108037,2600
9	292185,4600	9108037,6900
10	292185,2600	9108038,1500
11	292177,0000	9108059,8100
12	292176,4900	9108061,2400
13	292172,4200	9108072,0900
14	292171,1700	9108071,5300
15	292161,6700	9108067,4200
16	292158,7200	9108066,1400
17	292157,0500	9108065,4900
18	292140,3860	9108058,1898
19	292129,1156	9108058,4514
20	292117,6459	9108058,9698
21	292106,7687	9108059,5381
22	292106,9243	9108043,9176
23	292080,0465	9108042,7243
24	292072,6858	9108097,2703
25	292060,2800	9108098,2700
26	292058,5100	9108098,4200
27	292055,6100	9108098,6500
28	292054,0000	9108098,7900
29	292050,8100	9108099,0400
30	292049,4100	9108099,1600
31	292045,6400	9108099,4600
32	292044,6800	9108099,5500
33	292039,7500	9108099,7100
34	292036,8500	9108100,0200
35	292034,9000	9108100,2300
36	292032,2400	9108100,5100
37	292030,3900	9108100,7100
38	292027,5600	9108101,0100
39	292025,6700	9108101,0800
40	292016,7000	9108101,5800
41	292016,3400	9108098,9600

42	292016,1800	9108097,8700
43	292013,2600	9108077,8600
44	292012,0700	9108050,5500
45	292012,0000	9108048,0904
46	292011,7200	9108042,4200
47	292010,3300	9108014,5100
48	291924,2800	9107983,3600
49	291913,4700	9107979,8100
50	291912,3400	9107979,4400
51	291909,8700	9107978,1400
52	291906,8500	9107977,1800
53	291907,9600	9107973,4400
54	291908,9151	9107970,2720
55	291908,9700	9107970,0900
56	291903,6400	9107968,2200
57	291902,2700	9107972,7900
58	291901,8000	9107974,3600
59	291898,2200	9107973,2900
60	291897,9600	9107974,5700
61	291896,0000	9107984,3400
62	291893,6300	9107996,1400
63	291892,1400	9108003,5600
64	291890,9900	9108003,3500
65	291885,4700	9108034,7400
66	291885,8980	9108034,7746
67	291886,8300	9108034,8500
68	291885,7600	9108040,2000
69	291874,5100	9108039,6800
70	291874,0800	9108039,6600
71	291868,1300	9108039,3600
72	291856,2100	9108038,8400
73	291856,1300	9108030,0800
74	291856,3200	9108025,2900
75	291857,1300	9108019,4100
76	291858,0100	9108013,5500
77	291839,8600	9108013,5500
78	291833,3000	9108013,6700
79	291828,9300	9108013,5500
80	291828,6500	9108013,5400
81	291828,6000	9108013,5400
82	291828,5900	9108013,5400
83	291807,1500	9108013,4900
84	291790,2900	9108013,4600
85	291778,5200	9108013,5800
86	291770,6400	9108013,5700
87	291770,8200	9108011,5100
88	291771,0200	9108009,1400
89	291772,0600	9107997,2200
90	291776,1700	9107947,4500
91	291776,1100	9107947,3900
92	291776,0300	9107947,3800
93	291771,3900	9107947,1600
94	291768,3700	9107947,0200
95	291738,5200	9107946,0300
96	291642,5500	9107942,8500
97	291577,5300	9107940,5500
98	291511,8600	9107937,4300
99	291491,6710	9107936,9940
100	291463,2524	9107940,8307
101	291425,5213	9107957,8289
102	291460,2874	9107983,2426
103	291495,0689	9108007,8480
104	291499,1072	9108010,1957
105	291642,0054	9108159,7838
106	291654,2111	9108173,3009
107	291624,9923	9108201,0379
108	291638,2232	9108214,5677
109	291634,1832	9108218,2677
110	291651,2511	9108238,2412
111	291645,8232	9108242,2778
112	291649,4713	9108247,1792
113	291638,9439	9108255,0439
114	291639,4932	9108255,9078
115	291626,7889	9108264,5329
116	291620,6246	9108268,6465

117	291632,8671	9108291,2061
118	291592,9998	9108331,4342
119	291595,6663	9108334,0072
120	291611,3524	9108350,9178
121	291617,0468	9108357,3698
122	291618,9724	9108356,1578
123	291622,0624	9108353,7678
124	291628,5924	9108364,0178
125	291648,0824	9108394,9278
126	291640,5624	9108400,3878
127	291659,2324	9108420,5678
128	291633,4399	9108439,7411
129	291627,3698	9108507,1413
130	291625,2299	9108537,0400
131	291577,5945	9108533,6236
132	291557,3857	9108526,4990
133	291572,1681	9108661,4930
134	291710,9103	9108634,7992
135	291720,3190	9108632,3601
136	291898,0604	9108528,8523
137	292003,1160	9108468,1718
138	292007,6036	9108464,9470
139	292048,2900	9108530,7100
140	292055,2200	9108541,9700
141	292067,9200	9108562,6100
142	292082,7624	9108586,7085
143	292088,9827	9108583,6503
144	292122,8103	9108563,9397
145	292130,0855	9108559,7345
146	292127,6355	9108554,3045
147	292132,7255	9108551,9645
148	292141,2455	9108548,0445
149	292150,3656	9108543,8545
150	292164,1756	9108537,4945
151	292165,3456	9108536,9345
152	292162,6156	9108531,0244
153	292156,4556	9108522,1244
154	292154,5656	9108518,4744
155	292147,0155	9108507,0244
156	292151,1956	9108504,2244
157	292156,7756	9108500,4843
158	292160,8147	9108497,7768
159	292162,3799	9108496,7276
160	292166,4049	9108494,0295
161	292170,4256	9108491,3343
162	292174,6738	9108488,4877
163	292288,4060	9108413,5941
164	292301,3560	9108405,3741
165	292304,3760	9108408,8241
166	292324,4661	9108397,9141
167	292329,2503	9108394,9741
168	292326,4735	9108389,7356
169	292321,4473	9108381,1651
170	292315,7393	9108373,0330
171	292308,7218	9108364,6617
172	292415,1070	9108320,8981
173	292436,8124	9108308,4978
174	292443,5124	9108307,0678
175	292452,9124	9108304,4878
176	292460,6324	9108302,3178
177	292468,2430	9108300,2060
178	292474,0024	9108298,6078
179	292476,3524	9108306,5478
180	292482,8724	9108304,6778
181	292488,4839	9108324,3216
182	292489,0931	9108324,8760
183	292511,6592	9108320,0646
184	292517,5443	9108319,2239
185	292519,6080	9108319,6060
186	292521,5952	9108320,5232
187	292524,9581	9108322,4339
188	292525,9517	9108323,2747
189	292538,6391	9108343,4523
190	292553,6590	9108362,7960
191	292573,0154	9108393,7366

192	292588,9225	9108420,2319
193	292663,3848	9108537,9184
194	292749,6259	9108674,1897
195	292755,8365	9108686,6444
196	292761,4301	9108696,6474
197	292798,3202	9108754,8288
198	292833,4851	9108810,2896
199	292903,9258	9108921,3855
200	292968,7361	9108881,0844
201	293075,0151	9108817,7542
202	293018,5941	9108783,9141
203	292901,4060	9108595,9699
204	292798,2949	9108477,1068
205	292632,4659	9108234,6131
206	292546,8160	9108086,9430
207	292294,8185	9108014,9975

TABELA 153 – ZEPH BOA VISTA – SPS-2

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292088,9827	9108583,6503
2	292082,7624	9108586,7085
3	292109,7810	9108630,5763
4	292196,5847	9108773,9947
5	292410,6066	9108693,7784
6	292429,6929	9108686,7287
7	292536,5567	9108619,8115
8	292598,8456	9108581,6455
9	292663,3848	9108537,9184
10	292662,0547	9108535,8162
11	292588,9225	9108420,2319
12	292573,0154	9108393,7366
13	292553,6590	9108362,7960
14	292538,6391	9108343,4523
15	292529,8007	9108329,3180
16	292525,9517	9108323,2747
17	292524,9581	9108322,4339
18	292521,5952	9108320,5232
19	292519,6080	9108319,6060
20	292517,5443	9108319,2239
21	292511,6592	9108320,0646
22	292489,0931	9108324,8760
23	292488,4839	9108324,3216
24	292482,8724	9108304,6778
25	292476,3524	9108306,5478
26	292474,0024	9108298,6078
27	292468,2430	9108300,2060
28	292460,6324	9108302,3178
29	292452,9124	9108304,4878
30	292443,5124	9108307,0678
31	292436,8124	9108308,4978
32	292415,1070	9108320,8981
33	292308,7218	9108364,6617
34	292315,7393	9108373,0330
35	292321,4473	9108381,1651
36	292326,4735	9108389,7356
37	292328,4948	9108393,7017
38	292329,2503	9108394,9741
39	292324,4661	9108397,9141
40	292304,3760	9108408,8241
41	292301,3560	9108405,3741
42	292288,4060	9108413,5941
43	292285,3460	9108415,5141
44	292268,5743	9108426,4560
45	292255,6359	9108435,1142
46	292247,5140	9108440,4122
47	292240,0258	9108445,2242
48	292234,6658	9108448,7942
49	292229,5327	9108452,1483
50	292223,6558	9108455,9842
51	292218,6658	9108459,2842
52	292213,5508	9108462,6442
53	292208,4357	9108466,0043
54	292205,5766	9108467,7756
55	292198,9475	9108472,0272
56	292178,7557	9108485,7543

57	292174,6738	9108488,4877
58	292170,4256	9108491,3343
59	292166,4049	9108494,0295
60	292162,3799	9108496,7276
61	292160,8147	9108497,7768
62	292156,7756	9108500,4843
63	292151,1956	9108504,2244
64	292147,0155	9108507,0244
65	292154,5656	9108518,4744
66	292156,4556	9108522,1244
67	292162,6156	9108531,0244
68	292165,3456	9108536,9345
69	292164,1756	9108537,4945
70	292159,6856	9108539,4745
71	292157,8429	9108540,3962
72	292151,0322	9108543,5387
73	292150,3656	9108543,8545
74	292141,2455	9108548,0445
75	292132,7255	9108551,9645
76	292127,6355	9108554,3045
77	292130,0855	9108559,7345
78	292122,8103	9108563,9397
79	292104,7054	9108574,4046
80	292088,9827	9108583,6503

TABELA 154 – ZEPH BOA VISTA – SPA-1 – POLIGONO 01

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291780,5600	9107888,8500
2	291779,6000	9107904,3600
3	291776,1700	9107947,4500
4	291772,0600	9107997,2200
5	291771,0200	9108009,1400
6	291770,8200	9108011,5100
7	291770,6400	9108013,5700
8	291778,5200	9108013,5800
9	291790,2900	9108013,4600
10	291807,1500	9108013,4900
11	291828,5900	9108013,5400
12	291828,6500	9108013,5400
13	291828,9300	9108013,5500
14	291833,3000	9108013,6700
15	291839,8600	9108013,5500
16	291858,0100	9108013,5500
17	291857,1300	9108019,4100
18	291856,3200	9108025,2900
19	291856,1300	9108030,0800
20	291856,2100	9108038,8400
21	291868,1300	9108039,3600
22	291874,0800	9108039,6600
23	291874,5100	9108039,6800
24	291885,7600	9108040,2000
25	291898,2200	9107973,2900
26	291901,8000	9107974,3600
27	291902,2700	9107972,7900
28	291903,6400	9107968,2200
29	291908,9700	9107970,0900
30	291907,9600	9107973,4400
31	291906,8500	9107977,1800
32	291909,8700	9107978,1400
33	291912,3400	9107979,4400
34	291913,4700	9107979,8100
35	291924,2800	9107983,3600
36	292010,3300	9108014,5100
37	292011,7200	9108042,4200
38	292012,0700	9108050,5500
39	292013,2600	9108077,8600
40	292016,1800	9108097,8700
41	292016,3400	9108098,9600
42	292016,7000	9108101,5800
43	292025,6700	9108101,0800
44	292027,5600	9108101,0100
45	292030,3900	9108100,7100
46	292032,2400	9108100,5100
47	292034,9000	9108100,2300
48	292036,8500	9108100,0200

49	292039,7500	9108099,7100
50	292044,6800	9108099,5500
51	292045,6400	9108099,4600
52	292049,4100	9108099,1600
53	292050,8100	9108099,0400
54	292054,0000	9108098,7900
55	292055,6100	9108098,6500
56	292058,5100	9108098,4200
57	292060,2800	9108098,2700
58	292063,0400	9108098,0500
59	292067,8000	9108097,6700
60	292070,0800	9108097,4800
61	292072,1900	9108097,3100
62	292072,6900	9108097,2700
63	292080,0465	9108042,7243
64	292106,9243	9108043,9176
65	292106,7687	9108059,5381
66	292129,1156	9108058,4514
67	292140,3860	9108058,1898
68	292157,0500	9108065,4900
69	292158,7200	9108066,1400
70	292161,6700	9108067,4200
71	292171,1700	9108071,5300
72	292172,4200	9108072,0900
73	292176,4900	9108061,2400
74	292177,0000	9108059,8100
75	292185,2600	9108038,1500
76	292185,4600	9108037,6900
77	292185,6900	9108037,2600
78	292185,7200	9108037,2000
79	292188,6000	9108029,7500
80	292188,7100	9108029,4600
81	292188,8700	9108029,0600
82	292111,9900	9108002,6400
83	292015,2500	9107969,4000
84	291780,5600	9107888,8500

TABELA 155 – ZEPH BOA VISTA – SPA-1 – POLIGONO 02

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291620,6246	9108268,6465
2	291639,4932	9108255,9078
3	291638,9439	9108255,0439
4	291649,4713	9108247,1792
5	291645,8232	9108242,2778
6	291651,2511	9108238,2412
7	291634,1832	9108218,2677
8	291638,2232	9108214,5677
9	291624,9923	9108201,0379
10	291654,2111	9108173,3009
11	291642,0054	9108159,7838
12	291636,3531	9108164,4574
13	291611,7831	9108187,9682
14	291591,4262	9108207,0376
15	291586,0000	9108211,9900
16	291620,6246	9108268,6465

TABELA 156 – ZEPH BOA VISTA – SPA-1 – POLIGONO 03

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291592,9998	9108331,4342
2	291567,7288	9108358,4170
3	291533,4016	9108399,8906
4	291525,2084	9108412,6306
5	291496,7338	9108456,9069
6	291495,3912	9108458,1234
7	291491,3193	9108461,2276
8	291496,0326	9108466,1061
9	291554,1380	9108521,7792
10	291555,8069	9108523,7642
11	291557,3857	9108526,4990
12	291577,5945	9108533,6236
13	291625,2299	9108537,0400
14	291625,5322	9108533,4583
15	291626,3333	9108524,9583
16	291627,3698	9108507,1413
17	291633,4399	9108439,7411

18	291659,2324	9108420,5678
19	291658,5791	9108419,8624
20	291640,5624	9108400,3878
21	291648,0824	9108394,9278
22	291645,4509	9108390,7516
23	291642,1424	9108385,5078
24	291638,1424	9108379,1678
25	291635,3424	9108374,7278
26	291630,6524	9108367,2878
27	291628,5924	9108364,0178
28	291622,0624	9108353,7678
29	291618,9724	9108356,1578
30	291617,0468	9108357,3698
31	291611,3524	9108350,9178
32	291595,6663	9108334,0072
33	291592,9998	9108331,4342

TABELA 157 – ZEPH BOA VISTA – SPA-2

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291898,0604	9108528,8523
2	291901,7511	9108535,3563
3	291935,4275	9108597,1037
4	291940,2540	9108594,2835
5	292043,5959	9108534,3127
6	292046,7768	9108532,1388
7	292048,3382	9108530,7883
8	292007,6036	9108464,9470
9	292003,1160	9108468,1718
10	291916,5671	9108517,8834
11	291898,0604	9108528,8523

TABELA 158 – ZEPH BOA VISTA – SPA-3

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292833,6664	9108965,0805
2	292903,9258	9108921,3855
3	292833,4851	9108810,2896
4	292798,3202	9108754,8288
5	292761,4301	9108696,6474
6	292755,8365	9108686,6444
7	292749,6259	9108674,1897
8	292663,3848	9108537,9184
9	292598,8456	9108581,6455
10	292688,9400	9108728,1114
11	292764,7196	9108853,1269
12	292833,6664	9108965,0805

TABELA 159 – ZEPH BAIRRO DO RECIFE – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	294637,1510	9109377,0272
2	294406,9320	9108825,1787
3	294315,1661	9108605,2104
4	294303,0089	9108573,8692
5	294240,2164	9108411,9913
6	294138,7890	9108150,5133
7	294104,8586	9108063,0413
8	293957,0505	9107681,9951
9	293539,6898	9106723,9226
10	293441,2620	9106470,0825
11	293329,2602	9106561,5874
12	293303,5528	9107342,7317
13	293461,0867	9107675,8422
14	293315,8302	9107794,9049
15	293293,5945	9107834,3953
16	293394,8689	9107874,2469
17	293375,4774	9107900,2657
18	293347,0751	9108042,1773
19	293337,0338	9108167,6934
20	293364,0885	9108371,2953
21	293353,3307	9108749,1988
22	293326,7273	9108814,4980
23	293300,1239	9108853,1937
24	293242,0802	9108877,3785
25	293203,4714	9108890,0551
26	293075,0151	9108817,7542
27	293007,0466	9108858,2557

28	293083,9421	9108974,9175
29	293185,1189	9109135,1494
30	293214,9640	9109181,9279
31	293327,4651	9109360,1516
32	293333,2595	9109361,5009
33	293336,9107	9109366,5016
34	293336,0376	9109373,5660
35	293358,9770	9109410,2373
36	293364,8508	9109411,7454
37	293369,0576	9109418,3335
38	293368,2639	9109424,8423
39	293395,3308	9109467,1493
40	293416,1271	9109500,7250
41	293429,7796	9109522,6325
42	293448,5916	9109552,7951
43	293474,3091	9109592,6414
44	293519,5718	9109664,5009
45	293488,0856	9109688,2416
46	293509,5741	9109719,9798
47	293519,5788	9109734,4286
48	293523,3540	9109741,5009
49	293524,2440	9109747,0010
50	293525,7604	9109767,1053
51	293524,3498	9109777,5320
52	293522,3211	9109785,6308
53	293519,5084	9109793,4917
54	293515,9388	9109801,0392
55	293511,6464	9109808,2004
56	293506,6729	9109814,9064
57	293501,0661	9109821,0927
58	293495,0025	9109826,5987
59	293365,8494	9109933,5593
60	293364,2852	9109935,7151
61	293360,7522	9109941,5594
62	293357,9494	9109947,7870
63	293355,9177	9109954,3072
64	293354,6866	9109961,0246
65	293354,2743	9109967,8414
66	293354,6866	9109974,6582
67	293356,1921	9109982,4442
68	293358,3374	9109987,3652
69	293362,6238	9109995,5993
70	293367,6115	9110003,4285
71	293371,6438	9110008,8162
72	293380,7757	9110018,7977
73	293387,6172	9110024,7749
74	293394,9670	9110030,1148
75	293443,4743	9110060,4416
76	293446,1509	9110061,8095
77	293447,6764	9110062,8062
78	293449,9125	9110064,6226
79	293451,6963	9110066,2592
80	293464,8370	9110077,6941
81	293468,9053	9110081,0247
82	293470,3919	9110082,3066
83	293473,7702	9110085,9763
84	293476,4983	9110090,1521
85	293477,6876	9110092,6088
86	293533,4501	9110194,6509
87	293575,2086	9110283,8835
88	293799,4318	9110602,1441
89	293885,7297	9110718,6211
90	293967,3413	9110828,4424
91	293976,9328	9110857,1605
92	294038,2631	9111121,2150
93	294020,5945	9111153,2936
94	294295,8032	9110964,8682
95	294617,4287	9110747,3327
96	295194,9424	9110145,9364
97	295231,8105	9110073,8127
98	295262,0450	9110011,5651
99	295237,7787	9109948,6270
100	294926,2623	9109850,4011
101	294827,6984	9109801,1192
102	294761,9891	9109676,2715
103	294637,1510	9109377,0272

TABELA 160 – ZEPH SANTO ANTÔNIO E SÃO JOSÉ – SPS-1		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292192,8433	9107735,2732
2	292233,7144	9107809,8932
3	292240,3583	9107820,7691
4	292246,1938	9107831,1468
5	292252,7239	9107841,1021
6	292259,9182	9107850,5884
7	292282,5448	9107876,8412
8	292304,5943	9107897,3874
9	292316,8719	9107905,4054
10	292335,4647	9107912,9503
11	292269,4703	9108007,2675
12	292294,8185	9108014,9975
13	292546,8160	9108086,9430
14	292632,4659	9108234,6131
15	292798,2949	9108477,1068
16	292901,4060	9108595,9699
17	293018,5941	9108783,9141
18	293075,0151	9108817,7542
19	293203,4714	9108890,0551
20	293242,0802	9108877,3785
21	293300,1239	9108853,1937
22	293326,7273	9108814,4980
23	293353,3307	9108749,1988
24	293364,0885	9108371,2953
25	293337,0338	9108167,6934
26	293347,0751	9108042,1773
27	293375,4774	9107900,2657
28	293394,8689	9107874,2469
29	293293,5945	9107834,3953
30	293269,1192	9107819,6397
31	293256,9885	9107774,5657
32	293221,0931	9107642,0346
33	293181,0857	9107547,1044
34	293123,6912	9107424,3431
35	293075,3084	9107455,2366
36	293071,3975	9107459,3253
37	293068,6124	9107462,1697
38	293036,6577	9107482,8237
39	293060,6082	9107538,5315
40	292996,0492	9107564,7312
41	292994,5002	9107566,7693
42	292935,6837	9107593,2267
43	292929,0213	9107581,2278
44	292911,4316	9107594,3128
45	292897,8293	9107605,8284
46	292894,8424	9107607,8078
47	292878,6424	9107620,9378
48	292873,8424	9107616,1278
49	292867,2124	9107610,6278
50	292860,3224	9107604,2578
51	292854,4988	9107598,1342
52	292851,6124	9107594,1478
53	292847,3124	9107589,5878
54	292843,8024	9107586,7378
55	292838,2624	9107581,4378
56	292836,3324	9107579,4678
57	292834,8804	9107578,2135
58	292832,9824	9107576,5578
59	292830,8712	9107574,3007
60	292829,0829	9107572,2416
61	292828,1609	9107571,1799
62	292823,5524	9107565,8278
63	292831,4524	9107558,7578
64	292823,3524	9107548,8878
65	292821,0142	9107546,0499
66	292818,5315	9107543,0367
67	292813,5124	9107546,9978
68	292805,7624	9107546,8878
69	292799,9340	9107547,1058
70	292798,2352	9107549,0944
71	292796,4224	9107548,8878
72	292795,5624	9107550,4678
73	292790,1524	9107550,4678

74	292785,0624	9107555,3078
75	292781,4124	9107551,5278
76	292780,9343	9107551,9941
77	292779,4000	9107550,6574
78	292778,2067	9107550,0290
79	292778,4155	9107548,8427
80	292779,8897	9107533,5764
81	292781,3364	9107522,3274
82	292783,3373	9107509,1693
83	292780,7724	9107508,6378
84	292766,0924	9107505,3278
85	292765,7024	9107504,2178
86	292763,7176	9107500,0998
87	292761,2812	9107496,4353
88	292751,1607	9107502,6381
89	292748,5724	9107498,1478
90	292746,9336	9107494,5723
91	292748,4731	9107493,7381
92	292746,4818	9107489,5477
93	292748,6692	9107488,4318
94	292745,6224	9107482,6878
95	292742,9024	9107484,0078
96	292740,7426	9107479,3482
97	292755,3224	9107471,8978
98	292752,5633	9107466,4344
99	292733,3324	9107474,8078
100	292731,1213	9107469,8402
101	292750,0724	9107461,3378
102	292747,9024	9107456,8978
103	292745,8624	9107452,5278
104	292724,9835	9107461,8398
105	292722,8124	9107457,8178
106	292720,2924	9107452,8278
107	292718,2524	9107449,0078
108	292722,4824	9107447,1878
109	292720,9724	9107444,3878
110	292719,2324	9107441,1978
111	292716,2579	9107436,0901
112	292713,6524	9107437,4878
113	292710,8832	9107432,7192
114	292731,4624	9107421,9878
115	292728,9624	9107416,6278
116	292725,2924	9107409,2278
117	292704,0269	9107420,9038
118	292700,9424	9107416,1378
119	292708,6124	9107412,6578
120	292705,5824	9107406,8578
121	292720,1624	9107398,6978
122	292718,1524	9107394,5978
123	292695,6541	9107406,0451
124	292692,7833	9107401,6694
125	292690,4861	9107397,6958
126	292689,0824	9107395,2678
127	292686,0216	9107387,8715
128	292702,0149	9107377,6570
129	292713,1690	9107372,1609
130	292727,4763	9107366,6172
131	292728,5259	9107362,3002
132	292731,5415	9107351,5052
133	292735,2717	9107349,6810
134	292760,0574	9107344,4662
135	292782,9196	9107337,2302
136	292790,0035	9107333,6145
137	292798,6354	9107326,1349
138	292807,4674	9107310,0871
139	292811,0322	9107292,2934
140	292809,3924	9107273,5185
141	292784,2546	9107224,7895
142	292703,4528	9107212,1588
143	292676,1601	9107206,7899
144	292658,7909	9107202,9741
145	292640,6946	9107198,1948
146	292623,5569	9107192,8867
147	292571,5370	9107175,5911
148	292565,7524	9107192,5678

149	292557,6024	9107217,5478
150	292547,7024	9107246,4678
151	292545,7427	9107251,4168
152	292541,4735	9107250,0190
153	292511,9604	9107240,3560
154	292407,3031	9107206,0900
155	292402,5046	9107206,0907
156	292395,8912	9107209,2231
157	292484,0747	9107320,8132
158	292525,9581	9107292,7267
159	292618,4264	9107431,9367
160	292630,6739	9107423,8807
161	292665,9934	9107486,6430
162	292692,7135	9107538,0252
163	292701,8783	9107532,4564
164	292704,9624	9107538,1178
165	292711,4324	9107548,9078
166	292712,3434	9107550,4271
167	292711,5224	9107551,1278
168	292717,0336	9107560,5098
169	292712,7424	9107562,8178
170	292714,8824	9107566,9278
171	292717,0946	9107571,2151
172	292718,1207	9107573,0576
173	292719,8224	9107576,0278
174	292721,9924	9107579,7078
175	292724,7830	9107578,0690
176	292726,1724	9107580,9878
177	292726,8024	9107582,0978
178	292729,9824	9107580,2778
179	292731,3046	9107582,5189
180	292735,4424	9107580,1178
181	292738,8224	9107586,2478
182	292732,5124	9107589,8478
183	292734,6224	9107593,4778
184	292736,5124	9107597,0778
185	292738,3824	9107595,7478
186	292742,9524	9107602,2478
187	292750,1624	9107610,9378
188	292752,1724	9107613,7678
189	292755,0224	9107617,5078
190	292758,1724	9107621,1372
191	292754,5524	9107623,9578
192	292757,8407	9107627,8857
193	292760,7124	9107625,7578
194	292763,3424	9107629,4878
195	292765,9424	9107633,0578
196	292767,4124	9107631,9778
197	292769,2824	9107634,4978
198	292770,9878	9107637,6094
199	292773,8633	9107636,0594
200	292776,1324	9107640,0978
201	292775,3867	9107640,5069
202	292777,6624	9107643,9478
203	292780,6424	9107648,3978
204	292782,8679	9107651,9647
205	292782,2424	9107652,2878
206	292784,7524	9107656,0578
207	292785,9724	9107657,8878
208	292788,6824	9107662,4178
209	292790,3524	9107665,1278
210	292792,0224	9107667,8378
211	292794,4624	9107671,2978
212	292796,5224	9107674,6678
213	292796,1724	9107675,1778
214	292798,1553	9107677,9126
215	292800,3924	9107681,0978
216	292802,7324	9107684,3378
217	292807,7624	9107681,2378
218	292817,9624	9107675,0278
219	292820,6624	9107679,2778
220	292807,2954	9107687,2760
221	292811,2957	9107694,0165
222	292824,9524	9107686,2578
223	292828,3422	9107691,3174

224	292813,9745	9107699,3787
225	292814,5624	9107700,6178
226	292816,1724	9107703,0478
227	292818,6324	9107706,4378
228	292820,9150	9107709,5833
229	292819,2123	9107710,5574
230	292822,6808	9107716,0526
231	292824,9624	9107719,2478
232	292827,5024	9107722,9378
233	292830,2480	9107727,0881
234	292815,9431	9107736,4811
235	292792,1720	9107751,7646
236	292735,7299	9107785,9546
237	292738,5788	9107790,3732
238	292760,5618	9107916,5845
239	292714,9602	9107914,9563
240	292744,1286	9108013,6539
241	292736,8324	9108015,0978
242	292718,0424	9108018,3978
243	292691,4924	9108022,9678
244	292680,6824	9108023,7078
245	292667,2327	9108027,1786
246	292660,7506	9108028,8514
247	292654,5506	9108030,4513
248	292647,5708	9108032,2525
249	292622,0524	9108038,8378
250	292614,9324	9108041,3519
251	292610,3582	9108036,9460
252	292575,0666	9108006,0581
253	292560,8766	9107999,8143
254	292536,3795	9107909,0907
255	292519,6003	9107849,2446
256	292502,1039	9107787,8849
257	292497,0069	9107777,2895
258	292444,8612	9107700,7990
259	292373,6737	9107598,1984
260	292186,8635	9107723,0940
261	292192,8433	9107735,2732

35	292760,5618	9107916,5845
36	292738,5788	9107790,3732
37	292735,7299	9107785,9546
38	292792,1720	9107751,7646
39	292815,9431	9107736,4811
40	292830,2480	9107727,0881
41	292827,5024	9107722,9378
42	292824,9624	9107719,2478
43	292822,6808	9107716,0526
44	292819,2123	9107710,5574
45	292820,9150	9107709,5833
46	292818,6324	9107706,4378
47	292816,1724	9107703,0478
48	292814,5624	9107700,6178
49	292813,9745	9107699,3787
50	292828,3422	9107691,3174
51	292824,9524	9107686,2578
52	292811,2957	9107694,0165
53	292807,2954	9107687,2760
54	292820,6624	9107679,2778
55	292817,9624	9107675,0278
56	292807,7624	9107681,2378
57	292802,7324	9107684,3378
58	292800,3924	9107681,0978
59	292798,1553	9107677,9126
60	292796,1724	9107675,1778
61	292796,5224	9107674,6678
62	292794,4624	9107671,2978
63	292792,0224	9107667,8378
64	292790,3524	9107665,1278
65	292788,6824	9107662,4178
66	292785,9724	9107657,8878
67	292784,7524	9107656,0578
68	292782,2424	9107652,2878
69	292782,8679	9107651,9647
70	292780,6424	9107648,3978
71	292777,6624	9107643,9478
72	292775,3867	9107640,5069
73	292776,1324	9107640,0978
74	292773,8633	9107636,0594
75	292770,9878	9107637,6094
76	292769,2824	9107634,4978
77	292767,4124	9107631,9778
78	292765,9424	9107633,0578
79	292763,3424	9107629,4878
80	292760,7124	9107625,7578
81	292757,8407	9107627,8857
82	292754,5524	9107623,9678
83	292758,1724	9107621,1372
84	292755,0224	9107617,5078
85	292752,1724	9107613,7678
86	292750,1624	9107610,9378
87	292742,9524	9107602,2478
88	292738,3824	9107595,7478
89	292736,5124	9107597,0778
90	292734,6224	9107593,4778
91	292732,5124	9107589,8478
92	292738,8224	9107586,2478
93	292735,4424	9107580,1178
94	292731,3046	9107582,5189
95	292729,9824	9107580,2778
96	292726,8024	9107582,0978
97	292726,1724	9107580,9878
98	292724,7830	9107578,0690
99	292721,9924	9107579,7078
100	292719,8224	9107576,0278
101	292718,1207	9107573,0576
102	292717,0946	9107571,2151
103	292714,8824	9107566,9278
104	292712,7424	9107562,8178
105	292717,0336	9107560,5098
106	292715,1526	9107557,3077
107	292711,5224	9107551,1278
108	292712,3434	9107550,4271
109	292711,4324	9107548,9078

TABELA 161 – ZEPH SANTO ANTÔNIO E SÃO JOSÉ – SPS-2

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292207,0581	9107140,1473
2	292169,0473	9107126,7757
3	292139,5938	9107117,4052
4	292066,1193	9107094,0296
5	292063,7277	9107101,5632
6	292051,6524	9107140,4978
7	292124,8729	9107163,5905
8	292115,6032	9107192,6731
9	292189,2277	9107220,7331
10	292296,3718	9107261,5682
11	292319,2862	9107271,6625
12	292494,7289	9107512,2836
13	292534,1449	9107568,7864
14	292569,5181	9107621,2143
15	292444,8612	9107700,7990
16	292497,0069	9107777,2895
17	292502,1039	9107787,8849
18	292519,6003	9107849,2446
19	292536,3795	9107909,0907
20	292560,8766	9107999,8143
21	292575,0666	9108006,0581
22	292610,3582	9108036,9460
23	292614,9324	9108041,3519
24	292622,0524	9108038,8378
25	292647,5708	9108032,2525
26	292654,5506	9108030,4513
27	292660,7506	9108028,8514
28	292667,2327	9108027,1786
29	292686,3106	9108023,3225
30	292691,4924	9108022,9678
31	292718,0424	9108018,3978
32	292736,8324	9108015,0978
33	292744,1286	9108013,6539
34	292714,9602	9107914,9563

110	292704,9624	9107538,1178
111	292704,6624	9107537,6178
112	292701,8783	9107532,4564
113	292692,7135	9107538,0252
114	292665,9934	9107486,6430
115	292630,6739	9107423,8807
116	292618,4264	9107431,9367
117	292525,9581	9107292,7267
118	292484,0747	9107320,8132
119	292395,8912	9107209,2231
120	292402,5046	9107206,0907
121	292407,3031	9107206,0900
122	292511,9604	9107240,3560
123	292541,4735	9107250,0190
124	292545,7427	9107251,4168
125	292547,7024	9107246,4678
126	292557,6024	9107217,5478
127	292558,6303	9107214,3971
128	292565,7524	9107192,5678
129	292571,5370	9107175,5911
130	292623,5569	9107192,8867
131	292640,6946	9107198,1948
132	292658,7909	9107202,9741
133	292676,1601	9107206,7899
134	292703,4528	9107212,1588
135	292784,2546	9107224,7895
136	292809,3924	9107273,5185
137	292811,0322	9107292,2934
138	292807,4674	9107310,0871
139	292798,6354	9107326,1349
140	292790,0035	9107333,6145
141	292782,9196	9107337,2302
142	292760,0574	9107344,4662
143	292735,2717	9107349,6810
144	292731,5415	9107351,5052
145	292728,5259	9107362,3002
146	292727,4763	9107366,6172
147	292713,1690	9107372,1609
148	292702,0149	9107377,6570
149	292693,1241	9107383,3149
150	292686,0216	9107387,8715
151	292689,0824	9107395,2678
152	292690,4861	9107397,6958
153	292692,7833	9107401,6694
154	292695,6541	9107406,0451
155	292710,8348	9107398,3223
156	292718,1524	9107394,5978
157	292720,1624	9107398,6978
158	292705,5824	9107406,8578
159	292708,6124	9107412,6578
160	292700,9424	9107416,1378
161	292704,0269	9107420,9038
162	292725,2924	9107409,2278
163	292728,9624	9107416,6278
164	292731,4624	9107421,9878
165	292710,8832	9107432,7192
166	292713,6524	9107437,4878
167	292716,2579	9107436,0901
168	292719,2324	9107441,1978
169	292720,9724	9107444,3878
170	292722,4824	9107447,1878
171	292718,2524	9107449,0078
172	292720,2924	9107452,8278
173	292722,8124	9107457,8178
174	292724,9835	9107461,8398
175	292745,8624	9107452,5278
176	292747,9024	9107456,8978
177	292750,0724	9107461,3378
178	292731,1213	9107469,8402
179	292733,3324	9107474,8078
180	292752,5633	9107466,4344
181	292755,3224	9107471,8978
182	292740,7426	9107479,3482
183	292742,9024	9107484,0078
184	292745,6224	9107482,6878

185	292748,6692	9107488,4318
186	292746,4818	9107489,5477
187	292748,4731	9107493,7381
188	292746,9336	9107494,5723
189	292748,5724	9107498,1478
190	292751,1607	9107502,6381
191	292761,2812	9107496,4353
192	292763,7176	9107500,0998
193	292765,7024	9107504,2178
194	292766,0924	9107505,3278
195	292780,7724	9107508,6378
196	292783,3373	9107509,1693
197	292781,3364	9107522,3274
198	292779,8897	9107533,5764
199	292778,4155	9107548,8427
200	292778,2067	9107550,0290
201	292779,4000	9107550,6574
202	292780,9343	9107551,9941
203	292781,4124	9107551,5278
204	292785,0624	9107555,3078
205	292790,1524	9107550,4678
206	292795,5624	9107550,4678
207	292796,4224	9107548,8878
208	292798,2352	9107549,0944
209	292799,9340	9107547,1058
210	292805,7624	9107546,8878
211	292813,5124	9107546,9978
212	292818,5315	9107543,0367
213	292821,0142	9107546,0499
214	292823,3524	9107548,8878
215	292831,4524	9107558,7578
216	292823,5524	9107565,8278
217	292828,1609	9107571,1799
218	292830,8712	9107574,3007
219	292832,2924	9107575,9778
220	292832,9824	9107576,5578
221	292834,8804	9107578,2135
222	292836,3324	9107579,4678
223	292838,2624	9107581,4378
224	292843,8024	9107586,7378
225	292847,3124	9107589,5878
226	292851,6124	9107594,1478
227	292854,4988	9107598,1342
228	292857,4924	9107601,0978
229	292860,3224	9107604,2578
230	292863,7110	9107607,3875
231	292867,2124	9107610,6278
232	292869,6524	9107612,6278
233	292872,5024	9107614,9778
234	292873,8424	9107616,1278
235	292878,6424	9107620,9378
236	292880,1024	9107622,5943
237	292894,8424	9107607,8078
238	292897,8293	9107605,8284
239	292911,4316	9107594,3128
240	292929,0213	9107581,2278
241	292935,6837	9107593,2267
242	292994,5002	9107566,7693
243	292996,0492	9107564,7312
244	293060,6082	9107538,5315
245	293036,6577	9107482,8237
246	293068,6124	9107462,1697
247	293071,3975	9107459,3253
248	293075,3084	9107455,2366
249	293123,6912	9107424,3431
250	293062,0413	9107292,4799
251	293021,9154	9107213,3616
252	292992,6846	9107114,3382
253	292887,5405	9107051,8976
254	292450,9374	9106855,9997
255	292358,7432	9107073,4876
256	292257,5399	9107045,7063
257	292237,5013	9107038,4128
258	292225,1682	9107078,8452
259	292207,0581	9107140,1473

TABELA 162 – ZEPH SANTO ANTÔNIO E SÃO JOSÉ – SPA – POLIGONO 01		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292319,2862	9107271,6625
2	292204,0713	9107351,2751
3	292373,6653	9107598,2203
4	292444,8612	9107700,7990
5	292567,4150	9107619,0135
6	292534,1449	9107568,7864
7	292494,6584	9107513,4088
8	292319,2862	9107271,6625

TABELA 163 – ZEPH SANTO ANTÔNIO E SÃO JOSÉ – SPA – POLIGONO 02		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292039,0797	9106966,1708
2	292012,1886	9107044,0189
3	292002,2136	9107073,1955
4	292010,0708	9107075,8067
5	292066,1193	9107094,0296
6	292139,5938	9107117,4052
7	292207,0581	9107140,1473
8	292215,0411	9107112,0455
9	292237,5013	9107038,4128
10	292039,0797	9106966,1708

TABELA 164 – ZEPH CASAS PURISTAS – SPS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292261,3952	9109266,0770
2	292283,5126	9109301,8846
3	292319,4889	9109278,9318
4	292321,9028	9109277,5232
5	292296,6429	9109237,3434
6	292258,0624	9109260,8878
7	292261,3952	9109266,0770

TABELA 165 – ZEPH CAPELA DOS AFLITOS – SPS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290925,9671	9110309,2920
2	290933,0824	9110312,1178
3	290941,7024	9110314,8978
4	290972,0739	9110318,5089
5	290974,7104	9110307,7284
6	290976,7864	9110290,1105
7	290977,3563	9110285,1699
8	290930,8708	9110275,6576
9	290924,9124	9110275,0078
10	290882,2342	9110274,9976
11	290855,1820	9110277,8344
12	290841,9667	9110279,1662
13	290842,8737	9110287,6109
14	290845,5568	9110306,4419
15	290857,2822	9110304,8178
16	290879,9404	9110301,2371
17	290882,5524	9110301,2478
18	290921,6024	9110301,4078
19	290928,0412	9110301,9572
20	290925,9671	9110309,2920

TABELA 166 – ZEPH CASA DE FERRO – SPS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	282029,4765	9108732,5217
2	282096,8096	9108813,6471
3	282259,9780	9108914,5007
4	282380,9938	9108927,4957
5	282423,0976	9108803,8637
6	282133,0910	9108629,1455
7	282029,4765	9108732,5217

TABELA 167 – ZEPH CASA DE FERRO – SPA		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	282029,4765	9108732,5217
2	282133,0910	9108629,1455
3	282423,0976	9108803,8637
4	282380,9938	9108927,4957
5	282468,1713	9108934,8286
6	282495,2345	9108937,1050

7	282518,7053	9108939,0792
8	282585,6019	9108800,1353
9	282626,3042	9108820,8225
10	282659,1127	9108760,4277
11	282650,0753	9108746,0662
12	282640,6271	9108728,4222
13	282645,3821	9108711,8964
14	282654,1561	9108698,7206
15	282664,3660	9108686,4466
16	282676,9743	9108671,2895
17	282692,3537	9108652,4912
18	282695,6216	9108640,8551
19	282692,4185	9108621,0937
20	282716,3811	9108603,5602
21	282721,5796	9108598,5876
22	282727,4562	9108590,4508
23	282731,2987	9108581,1838
24	282733,5589	9108572,8209
25	282735,8191	9108560,1635
26	282735,5931	9108549,6534
27	282734,6890	9108529,3112
28	282728,8124	9108497,6678
29	282721,5796	9108480,4899
30	282703,0456	9108462,6340
31	282683,1555	9108455,1752
32	282666,2024	9108450,0957
33	282641,2967	9108441,6071
34	282617,8036	9108434,2451
35	282598,9171	9108428,0334
36	282590,9616	9108420,3957
37	282577,9048	9108398,9690
38	282572,6597	9108389,8180
39	282558,5984	9108365,9920
40	282542,2494	9108337,7021
41	282527,9650	9108312,7601
42	282507,8775	9108279,8947
43	282485,8781	9108250,8531
44	282471,6722	9108229,5683
45	282468,8310	9108207,5741
46	282478,0649	9108180,6134
47	282483,0369	9108150,8147
48	282478,7752	9108135,9154
49	282473,8031	9108111,0832
50	282457,4663	9108088,3794
51	282441,8398	9108086,2509
52	282435,4471	9108094,0554
53	282431,1854	9108117,4686
54	282434,0265	9108133,0774
55	282420,5309	9108162,8761
56	282313,4919	9108293,7097
57	282084,6865	9108293,1796
58	282056,3844	9108239,4196
59	281817,7477	9108159,8098
60	281750,0915	9108251,2062
61	281748,4873	9108604,1223
62	281888,9819	9108641,0738
63	282029,4765	9108732,5217

TABELA 168 – ZEPH CASARÃO DO BARBALHO – SPS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286780,5868	9112126,2157
2	286779,9133	9112133,0910
3	286737,0178	9112147,2756
4	286734,9166	9112190,0622
5	286804,4398	9112203,3252
6	286863,5806	9112206,7509
7	286864,1953	9112141,8262
8	286819,7452	9112141,8262
9	286812,3368	9112133,8887
10	286803,6056	9112119,6011
11	286807,1274	9112044,4275
12	286812,8195	9111978,1914
13	286733,4199	9111961,7941
14	286727,6504	9112039,5285
15	286737,4311	9112040,2809

16	286738,2093	9112071,6674
17	286742,4867	9112074,3573
18	286770,5326	9112075,9448
19	286780,5888	9112126,2157

TABELA 169 – ZEPH CASARÃO DO BARBALHO – SPA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286807,1274	9112044,4275
2	286803,6056	9112119,6011
3	286812,3368	9112133,8887
4	286819,7452	9112141,8262
5	286864,1953	9112141,8262
6	286863,5806	9112206,7509
7	286804,4398	9112203,3252
8	286734,9166	9112190,0622
9	286737,0178	9112147,2756
10	286779,9133	9112133,0910
11	286780,5868	9112126,2157
12	286770,5326	9112075,9448
13	286742,4867	9112074,3573
14	286738,2093	9112071,6674
15	286737,4311	9112040,2809
16	286727,8504	9112039,5285
17	286733,4199	9111961,7941
18	286612,2715	9111955,9263
19	286602,5904	9111952,3527
20	286598,9812	9111968,8206
21	286587,9569	9112001,3087
22	286583,3061	9112026,2245
23	286566,6936	9112042,8369
24	286545,0633	9112059,6953
25	286532,6540	9112071,3066
26	286509,6697	9112091,3653
27	286490,9923	9112112,2638
28	286473,7295	9112128,7872
29	286458,3195	9112149,6615
30	286416,1124	9112258,3398
31	286496,6990	9112273,3540
32	286745,9075	9112307,0704
33	286866,6264	9112307,8441
34	286984,2762	9112282,2681
35	287084,0227	9112226,5123
36	287148,4743	9112167,6874
37	287163,5878	9112142,6634
38	287190,7591	9112093,8598
39	287114,2952	9112055,7412
40	287092,7649	9112048,8023
41	287086,4074	9112045,2502
42	287041,8743	9112029,0010
43	286952,9582	9112007,4212
44	286874,0584	9111988,2529
45	286854,1510	9111983,4165
46	286844,6876	9111981,1174
47	286812,8195	9111978,1914
48	286807,1274	9112044,4275

TABELA 170 – ZEPH ESCOLA RURAL ALBERTO TORRES – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	285157,8333	9105068,7720
2	285160,1397	9105074,9916
3	285195,4668	9105060,8129
4	285192,7294	9105054,6498
5	285148,4606	9104945,2878
6	285113,6066	9104959,4875
7	285157,8333	9105068,7720

TABELA 171 – ZEPH ESCOLA RURAL ALBERTO TORRES – SPA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	285145,6143	9104820,8026
2	285141,1149	9104812,5917
3	285086,2454	9104837,4805
4	285003,0186	9104882,9000
5	285110,6572	9105095,0879
6	285160,1397	9105074,9916
7	285157,8333	9105068,7720

8	285113,6066	9104959,4875
9	285148,4606	9104945,2878
10	285192,7294	9105054,6498
11	285195,4668	9105060,8129
12	285239,8625	9105043,2678
13	285236,8652	9105035,7422
14	285176,0581	9104886,5249
15	285145,6143	9104820,8026

TABELA 172 – ZEPH FACULDADE DE DIREITO – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292834,0900	9108964,8116
2	292764,7196	9108853,1269
3	292688,9400	9108728,1114
4	292630,1363	9108765,1940
5	292536,5567	9108619,8115
6	292429,6929	9108686,7287
7	292443,7893	9108735,4771
8	292440,9245	9108793,8640
9	292437,9894	9108820,8445
10	292436,3242	9108830,8276
11	292394,7984	9108829,2464
12	292358,5483	9108831,8553
13	292342,2236	9108836,9908
14	292367,8324	9108890,0278
15	292343,7446	9108900,5714
16	292357,9024	9108924,2378
17	292366,8524	9108919,1478
18	292375,8011	9108944,5649
19	292369,3224	9108948,3378
20	292414,2996	9109021,9377
21	292404,9524	9109027,3978
22	292427,1088	9109064,8653
23	292418,6424	9109069,4178
24	292428,3080	9109087,9705
25	292441,3624	9109081,6978
26	292450,2752	9109102,7365
27	292472,2184	9109092,5998
28	292506,5224	9109157,7178
29	292511,2365	9109166,0195
30	292567,0016	9109134,3545
31	292834,0900	9108964,8116

TABELA 173 – ZEPH FACULDADE DE DIREITO – SPA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292630,1363	9108765,1940
2	292688,9400	9108728,1114
3	292598,8456	9108581,6455
4	292536,5567	9108619,8115
5	292630,1363	9108765,1940

TABELA 174 – ZEPH HOSPITAL PEDRO II – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291722,7166	9107810,7151
2	291652,9792	9107702,3095
3	291558,6627	9107762,5464
4	291563,1135	9107767,5040
5	291507,0724	9107803,0578
6	291562,9924	9107890,7078
7	291563,7024	9107891,1778
8	291564,6524	9107891,5278
9	291584,9139	9107893,2978
10	291584,2724	9107909,4878
11	291620,5524	9107909,1178
12	291625,0833	9107908,2629
13	291647,1691	9107908,3123
14	291646,7537	9107942,9723
15	291776,1739	9107947,4519
16	291780,5660	9107888,8521
17	291774,1262	9107885,2686
18	291766,7852	9107880,0057
19	291759,6447	9107870,9102
20	291722,7166	9107810,7151

TABELA 175 – ZEPH HOSPITAL PEDRO II – SPA – POLÍGONO 01		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291507,0724	9107803,0578
2	291563,1135	9107767,5040
3	291558,6627	9107762,5464
4	291652,9792	9107702,3095
5	291610,0623	9107633,6832
6	291459,7580	9107705,0676
7	291462,8784	9107711,5492
8	291465,1041	9107716,5403
9	291507,0724	9107803,0578

TABELA 176 – ZEPH HOSPITAL PEDRO II – SPA – POLÍGONO 02		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291562,9924	9107890,7078
2	291562,4183	9107939,8298
3	291577,5300	9107940,5500
4	291642,5500	9107942,8500
5	291646,7537	9107942,9723
6	291647,1691	9107908,3123
7	291625,0833	9107908,2629
8	291620,5524	9107909,1178
9	291584,2724	9107909,4878
10	291584,9139	9107893,2978
11	291564,6524	9107891,5278
12	291563,7024	9107891,1778
13	291562,9924	9107890,7078

TABELA 177 – ZEPH HOSPITAL DE SANTO AMARO – SPS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	293547,4376	9110526,0881
2	293529,6143	9110507,9794
3	293483,0044	9110442,3655
4	293478,3946	9110446,0154
5	293409,2613	9110495,6966
6	293374,8130	9110520,9586
7	293332,9757	9110553,4685
8	293299,5281	9110578,2363
9	293328,2234	9110621,2205
10	293355,7903	9110661,7943
11	293376,5769	9110696,9488
12	293384,4093	9110720,0190
13	293389,6024	9110716,1678
14	293437,8824	9110681,5778
15	293445,7224	9110675,9478
16	293454,6824	9110669,5078
17	293494,9924	9110640,8179
18	293568,7824	9110588,8978
19	293577,5743	9110583,7944
20	293584,5505	9110578,8982
21	293547,4376	9110526,0881

TABELA 178 – ZEPH HOSPITAL DE SANTO AMARO – SPA-1		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	293533,4501	9110194,6509
2	293466,7887	9110234,4696
3	293440,8234	9110253,5003
4	293378,8976	9110295,8114
5	293483,0044	9110442,3655
6	293529,6143	9110507,9794
7	293547,4376	9110526,0881
8	293680,7497	9110715,7857
9	293757,0859	9110825,3736
10	293889,1091	9111015,3149
11	293991,4536	9111171,4664
12	294020,5945	9111153,2936
13	294038,2631	9111121,2150
14	293976,9328	9110857,1605
15	293967,3413	9110828,4424
16	293885,7297	9110718,6211
17	293799,4318	9110602,1441
18	293575,2086	9110283,8835
19	293533,4501	9110194,6509

TABELA 179 – ZEPH HOSPITAL DE SANTO AMARO – SPA-2		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	293680,7497	9110715,7857
2	293584,5505	9110578,8982
3	293577,5743	9110583,7944
4	293568,7824	9110588,8978
5	293494,9924	9110640,8179
6	293475,6924	9110654,3978
7	293454,6824	9110669,5078
8	293445,7224	9110675,9478
9	293437,8824	9110681,5778
10	293389,6024	9110716,1678
11	293384,4093	9110720,0190
12	293385,2285	9110723,9379
13	293398,7002	9110769,2309
14	293400,2951	9110770,7521
15	293406,4880	9110783,3665
16	293413,2400	9110795,5378
17	293419,9920	9110806,2877
18	293425,9000	9110814,7721
19	293433,3627	9110823,4342
20	293437,2273	9110826,8547
21	293441,5806	9110829,7420
22	293449,7548	9110833,4230
23	293458,4279	9110835,6919
24	293475,1522	9110838,9489
25	293494,2917	9110841,7302
26	293509,7282	9110843,4145
27	293517,0002	9110839,1160
28	293523,1057	9110835,9607
29	293532,8860	9110829,7369
30	293541,2438	9110824,6392
31	293544,8596	9110821,1420
32	293555,4105	9110810,7096
33	293568,5695	9110797,0764
34	293588,6045	9110779,4260
35	293644,0157	9110742,6687
36	293655,3504	9110734,1006
37	293673,3969	9110720,4588
38	293680,7497	9110715,7857

TABELA 180 – ZEPH IGREJA DAS FRONTEIRAS – SPS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290910,0374	9108713,2083
2	290905,8087	9108735,9352
3	290919,5720	9108736,9175
4	290918,5889	9108744,0389
5	290924,3540	9108781,8203
6	290924,9770	9108786,7077
7	290930,8819	9108812,5099
8	290983,9085	9108850,9939
9	290990,8085	9108841,5818
10	291029,3353	9108789,0288
11	291114,3633	9108813,4607
12	291113,2370	9108815,4302
13	291197,1497	9108840,1890
14	291183,0382	9108873,6251
15	291164,4129	9108922,8349
16	291168,2267	9108923,5902
17	291179,1408	9108925,1965
18	291190,1431	9108926,0017
19	291193,9966	9108926,0843
20	291201,8237	9108925,6741
21	291209,5651	9108924,4480
22	291218,3666	9108922,0078
23	291303,7780	9108877,7492
24	291291,9606	9108850,0198
25	291286,1472	9108848,2649
26	291318,1560	9108837,6710
27	291325,2419	9108836,4910
28	291352,9946	9108826,6579
29	291345,0434	9108778,5122
30	291330,1328	9108770,3384
31	291327,0278	9108766,7041
32	291245,7944	9108715,5113

33	291213,2524	9108798,7480
34	291056,1313	9108751,9058
35	291008,5185	9108737,9756
36	291000,8150	9108735,3642
37	290996,8981	9108733,7322
38	290986,9594	9108726,5583
39	290978,5766	9108722,8076
40	290910,0374	9108713,2083

TABELA 181 – ZEPH IGREJA DAS FRONTEIRAS – SPA – POLÍGONO 01

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291107,0686	9108686,926
2	291101,4996	9108680,357
3	291099,9821	9108678,517
4	291099,9212	9108678,444
5	291049,224	9108616,979
6	291046,6268	9108614,23
7	291031,1974	9108630,451
8	291018,4769	9108619,368
9	291008,9718	9108611,087
10	291003,5034	9108606,966
11	290995,4697	9108611,972
12	290993,5329	9108613,042
13	290988,3156	9108615,279
14	290948,9988	9108630,131
15	290935,5917	9108595,262
16	290925,9185	9108570,89
17	290925,4798	9108569,314
18	290925,3753	9108568,147
19	290925,0208	9108568,153
20	290890,4249	9108568,692
21	290883,1017	9108633,784
22	290878,856	9108667,384
23	290874,2557	9108703,789
24	290874,1564	9108704,595
25	290873,7758	9108708,206
26	290873,3538	9108714,665
27	290873,3538	9108724,767
28	290873,6457	9108729,693
29	290874,0636	9108864,382
30	290957,4356	9108866,422
31	290966,013	9108866,979
32	290973,6613	9108868,001
33	290974,6084	9108864,936
34	290976,1541	9108861,481
35	290983,9085	9108850,994
36	290930,8819	9108812,51
37	290924,977	9108786,708
38	290924,354	9108781,82
39	290918,5889	9108744,039
40	290919,572	9108736,918
41	290905,8087	9108735,935
42	290910,0374	9108713,208
43	290978,5766	9108722,808
44	290986,9594	9108726,558
45	290996,8981	9108733,732
46	291000,815	9108735,364
47	291008,5185	9108737,976
48	291056,1313	9108751,906
49	291213,2524	9108798,748
50	291220,2268	9108780,909
51	291177,2998	9108764
52	291180,3351	9108755,988
53	291129,4423	9108735,508
54	291136,56	9108716,471
55	291101,072	9108702,187
56	291107,0686	9108686,926
57	291002,8525	9108825,373
58	291011,134	9108827,71
59	291183,0382	9108873,625
60	291194,5753	9108846,803
61	291197,1497	9108840,189
62	291113,237	9108815,43
63	291114,3633	9108813,461
64	291029,3353	9108789,029

65	291002,8525	9108825,373
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TABELA 183 – ZEPH IGREJA DE NOSSA SENHORA DE BOA VIAGEM – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290495,6209	9100675,2120
2	290664,4491	9100617,6399
3	290638,4126	9100559,8432
4	290482,1809	9100609,9527
5	290495,6209	9100675,2120

TABELA 184 – ZEPH IGREJA DE NOSSA SENHORA DA CONCEIÇÃO – JOÃO DE BARROS – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291725,0689	9109832,6994
2	291717,8114	9109834,8222
3	291702,3014	9109840,4122
4	291659,8513	9109855,1823
5	291662,5203	9109865,3294
6	291642,3859	9109878,8126
7	291666,1113	9109917,0726
8	291734,1096	9109899,8716
9	291734,3571	9109887,6907
10	291733,4175	9109874,8189
11	291727,8603	9109846,4548
12	291725,0689	9109832,6994

TABELA 185 – ZEPH IGREJA DE SANTO AMARO DAS SALINAS/ CEMITÉRIO DOS INGLESES – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	293149,1904	9109973,4490
2	293188,3288	9110028,2975
3	293156,3547	9110052,0509
4	293159,0324	9110056,7478
5	293158,7124	9110058,4578
6	293185,8824	9110095,9478
7	293219,0163	9110071,3029
8	293239,3541	9110099,8043
9	293251,4158	9110090,8918
10	293351,7449	9110020,1972
11	293291,6766	9109864,1800
12	293149,1904	9109973,4490

TABELA 186 – ZEPH IGREJA DE SANTO AMARO DAS SALINAS/ CEMITÉRIO DOS INGLESES – SPA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	293291,6766	9109864,1800
2	293351,7449	9110020,1972
3	293239,3541	9110099,8043
4	293356,2585	9110263,9417
5	293378,8976	9110295,8114
6	293440,8234	9110253,5003
7	293466,7887	9110234,4696
8	293533,4501	9110194,6509
9	293477,6876	9110092,6088
10	293476,4983	9110090,1521
11	293473,7702	9110085,9763
12	293470,3919	9110082,3066
13	293468,9053	9110081,0247
14	293464,8370	9110077,6941
15	293451,6963	9110066,2592
16	293449,9125	9110064,6226
17	293447,6764	9110062,8062
18	293446,1509	9110061,8095
19	293443,4743	9110060,4416
20	293397,1190	9110031,4966
21	293394,9670	9110030,1148
22	293387,6172	9110024,7749
23	293380,7757	9110018,7977
24	293371,6438	9110008,8162
25	293367,6115	9110003,4285
26	293362,6238	9109995,5993
27	293358,3374	9109987,3652
28	293356,1921	9109982,4442
29	293354,6866	9109974,6582
30	293354,2743	9109967,8414
31	293354,6866	9109961,0246
32	293355,9177	9109954,3072
33	293357,9494	9109947,7870

34	293360,7522	9109941,5594
35	293364,2852	9109935,7151
36	293365,8494	9109933,5593
37	293409,9515	9109897,2172
38	293495,0025	9109826,5987
39	293501,0661	9109821,0927
40	293506,6729	9109814,9064
41	293511,6464	9109808,2004
42	293515,9398	9109801,0392
43	293519,5084	9109793,4917
44	293522,3211	9109785,6308
45	293524,3498	9109777,5320
46	293525,7604	9109767,1053
47	293524,6300	9109749,8724
48	293524,2440	9109747,0010
49	293523,3540	9109741,5009
50	293519,5788	9109734,4286
51	293509,5741	9109719,9798
52	293496,3458	9109700,5683
53	293489,9946	9109705,6365
54	293484,6845	9109712,9167
55	293481,0807	9109717,0305
56	293478,5442	9109719,2218
57	293291,6766	9109864,1800

TABELA 187 – ZEPH CASA AMARELA – SPS

Ponto	Coordenadas N (m)	Coordenadas E (m)
1	288503,3310	9112282,7247
2	288632,2187	9112344,1512
3	288632,7570	9112375,9295
4	288642,2816	9112375,2292
5	288670,7227	9112371,7913
6	288677,1537	9112371,2317
7	288682,4581	9112370,7701
8	288687,5082	9112370,3371
9	288692,9301	9112369,8721
10	288698,6891	9112369,3782
11	288703,6917	9112368,9492
12	288704,1517	9112374,5592
13	288705,5817	9112388,0592
14	288705,5417	9112390,1592
15	288711,7318	9112389,0892
16	288711,3218	9112385,0292
17	288709,6418	9112374,3792
18	288706,8318	9112357,6691
19	288704,5376	9112347,3280
20	288702,6808	9112338,2586
21	288701,8318	9112328,6890
22	288697,3240	9112303,7434
23	288705,6170	9112302,0455
24	288707,1718	9112301,7316
25	288714,1938	9112300,9304
26	288723,7059	9112299,8451
27	288728,3400	9112299,1372
28	288722,6881	9112260,9590
29	288732,1203	9112261,3673
30	288739,6732	9112261,3673
31	288740,9424	9112261,3673
32	288747,2261	9112261,3673
33	288754,7682	9112260,9654
34	288755,1624	9112255,3679
35	288754,3525	9112247,8778
36	288753,6325	9112245,0879
37	288752,8925	9112238,5579
38	288752,2324	9112235,6678
39	288749,9324	9112216,0278
40	288748,9925	9112209,2779
41	288738,2530	9112205,2409
42	288738,3925	9112209,5879
43	288727,3425	9112207,3879
44	288726,7903	9112211,2513
45	288715,6006	9112208,8513
46	288716,2825	9112205,1778
47	288709,1932	9112203,6259
48	288683,3805	9112198,0335

49	288677,7325	9112206,4078
50	288670,7557	9112216,3687
51	288664,1651	9112213,1110
52	288663,8070	9112213,8583
53	288614,5653	9112181,3867
54	288626,9784	9112157,8923
55	288602,8324	9112142,2878
56	288605,8619	9112136,0947
57	288590,9924	9112127,8778
58	288576,0624	9112139,1978
59	288557,3183	9112147,6687
60	288524,5376	9112127,9846
61	288499,1238	9112164,4454
62	288514,2468	9112172,2900
63	288533,5617	9112184,7506
64	288556,9250	9112201,4541
65	288537,7305	9112233,8958
66	288516,2863	9112223,3015
67	288503,3310	9112282,7247

TABELA 188 – ZEPH SOLEDADE – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291820,9024	9109005,9978
2	291829,4624	9109024,6878
3	291861,6924	9109078,4178
4	291863,0024	9109077,6378
5	291873,0218	9109094,3038
6	292085,0239	9108978,2375
7	292048,5324	9108911,8378
8	292082,9321	9108890,9483
9	292059,8330	9108851,9787
10	292013,7706	9108879,0231
11	291989,0615	9108835,5378
12	291947,9923	9108858,2976
13	291931,7214	9108828,6741
14	291894,3792	9108763,5567
15	291853,3047	9108787,4918
16	291858,9962	9108795,8629
17	291869,0677	9108813,5930
18	291861,1829	9108819,2883
19	291850,0605	9108854,8131
20	291858,6576	9108871,2727
21	291850,9971	9108875,3158
22	291833,0072	9108883,7219
23	291828,2630	9108873,7903
24	291807,1849	9108883,5598
25	291802,1106	9108886,5415
26	291793,9903	9108891,3130
27	291766,7767	9108902,0676
28	291767,9329	9108893,4270
29	291764,3626	9108893,4778
30	291763,6322	9108888,0872
31	291765,1029	9108884,2669
32	291766,2025	9108880,5774
33	291766,4271	9108876,1878
34	291766,6517	9108871,7981
35	291766,4271	9108868,5432
36	291766,2025	9108865,2883
37	291765,7425	9108862,7981
38	291764,5423	9108857,3587
39	291762,8919	9108853,4876
40	291761,6593	9108851,7464
41	291755,9389	9108843,6657
42	291730,0772	9108858,4169
43	291721,2552	9108861,3547
44	291720,5915	9108874,2821
45	291719,5354	9108894,8507
46	291721,7188	9108945,9931
47	291721,8089	9108952,9459
48	291727,6727	9108995,0011
49	291732,9918	9109009,0847
50	291744,0332	9109032,4699
51	291748,3624	9109030,3978
52	291762,1024	9109023,6978
53	291766,0324	9109022,6778

54	291790,3924	9109011,9378
55	291794,6124	9109010,8178
56	291799,9393	9109009,9322
57	291806,4624	9109008,8478
58	291808,3224	9109008,3378
59	291813,4824	9109007,6178
60	291820,9024	9109005,9978

TABELA 189 – ZEPH SOLEDADE – SPA – POLÍGONO 01

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291755,9389	9108843,6657
2	291762,8919	9108853,4876
3	291764,5423	9108857,3587
4	291766,2025	9108865,2883
5	291766,6517	9108871,7981
6	291766,2025	9108880,5774
7	291765,1029	9108884,2669
8	291763,6322	9108888,0872
9	291764,3626	9108893,4778
10	291767,9329	9108893,4270
11	291766,7767	9108902,0676
12	291793,9903	9108891,3130
13	291802,1106	9108886,5415
14	291807,1849	9108883,5598
15	291828,2630	9108873,7903
16	291833,0072	9108883,7219
17	291850,9971	9108875,3158
18	291853,9232	9108873,9485
19	291858,6576	9108871,2727
20	291850,0605	9108854,8131
21	291856,7695	9108834,2125
22	291861,1829	9108819,2883
23	291865,3509	9108816,4661
24	291869,0677	9108813,5930
25	291858,9662	9108795,8629
26	291853,3047	9108787,4918
27	291755,9389	9108843,6657

TABELA 190 – ZEPH SOLEDADE – SPA – POLÍGONO 02

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291744,0332	9109032,4699
2	291764,0384	9109074,8397
3	291765,7529	9109080,4896
4	291766,9669	9109087,1141
5	291767,3735	9109093,8320
6	291767,3765	9109128,7400
7	291767,9507	9109133,5850
8	291767,5263	9109137,7577
9	291766,2708	9109141,7594
10	291766,8492	9109153,7884
11	291776,2433	9109147,2877
12	291784,9274	9109142,5335
13	291860,9961	9109100,8876
14	291873,0218	9109094,3038
15	291863,0024	9109077,6378
16	291861,6924	9109078,4178
17	291838,8224	9109040,4578
18	291838,0724	9109038,7478
19	291829,4624	9109024,6878
20	291820,9024	9109005,9978
21	291813,4824	9109007,6178
22	291808,3224	9109008,3378
23	291806,4624	9109008,8478
24	291799,9393	9109009,9322
25	291794,6124	9109010,8178
26	291790,3924	9109011,9378
27	291766,0324	9109022,6778
28	291762,1024	9109023,6978
29	291748,3624	9109030,3978
30	291744,0332	9109032,4699

TABELA 191 – ZEPH SOLEDADE – SPA – POLÍGONO 03

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291894,3792	9108763,5567
2	291931,8553	9108829,2637

3	291947,9923	9108858,2976
4	291949,3232	9108857,5929
5	291949,5468	9108857,4704
6	291955,8583	9108854,0128
7	291962,4427	9108850,4583
8	291969,2224	9108846,6978
9	291972,5524	9108844,8478
10	291986,9490	9108836,7613
11	291989,0615	9108835,5378
12	292013,7706	9108879,0231
13	292059,8330	9108851,9787
14	292048,7993	9108833,3641
15	292045,1418	9108840,7227
16	292040,7124	9108835,2878
17	292038,9041	9108832,4703
18	292036,3112	9108828,4302
19	292008,0097	9108788,3482
20	292008,2174	9108788,1876
21	292009,2895	9108787,3584
22	292012,2570	9108765,0633
23	292011,4257	9108783,8227
24	292020,6962	9108778,7326
25	292010,4324	9108763,1779
26	292016,0825	9108759,4879
27	291990,0630	9108720,2090
28	291984,2854	9108710,1703
29	291982,2412	9108711,3841
30	291894,3792	9108763,5567

TABELA 192 – ZEPH SOLEDADE – SPA – POLÍGONO 04

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292048,5324	9108911,8378
2	292085,0239	9108978,2375
3	292123,1993	9108957,3374
4	292082,9321	9108890,9483
5	292081,7612	9108891,6594
6	292053,2859	9108908,9512
7	292048,5324	9108911,8378

TABELA 193 – ZEPH DERBY – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290540,0764	9108654,3781
2	290513,9480	9108738,6573
3	290488,8527	9108788,8478
4	290466,9473	9108815,7317
5	290459,9680	9108824,0232
6	290380,7867	9108893,5098
7	290327,4557	9108927,7549
8	290312,8624	9108943,3547
9	290413,3080	9109000,8394
10	290436,4090	9109014,1544
11	290461,3296	9109028,3220
12	290468,7540	9109031,9905
13	290510,6050	9109053,4775
14	290513,6495	9109054,7877
15	290516,7066	9109057,1460
16	290519,9383	9109060,9018
17	290522,2093	9109064,4830
18	290524,3808	9109067,1911
19	290537,1858	9109101,4748
20	290544,7192	9109101,9397
21	290595,4285	9109104,0407
22	290597,4225	9109033,4669
23	290605,7071	9109031,7581
24	290749,9249	9109032,3774
25	290810,2438	9109032,3909
26	290809,0626	9108944,3696
27	290808,1774	9108861,6032
28	290779,5845	9108861,6588
29	290695,3109	9108858,7970
30	290610,3856	9108857,1977
31	290613,6250	9108762,7603
32	290615,7158	9108668,9382
33	290573,2438	9108662,0313
34	290540,0764	9108654,3781

TABELA 194 – ZEPH DERBY – SPA		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290845,7114	9109056,9800
2	290841,9014	9108959,9836
3	290841,3213	9108852,4355
4	290840,8695	9108768,6696
5	290826,7839	9108767,8058
6	290808,5262	9108768,1703
7	290740,0329	9108767,5127
8	290702,6449	9108682,4018
9	290641,7309	9108672,5569
10	290649,4949	9108631,0021
11	290596,4439	9108617,7855
12	290592,3289	9108616,9303
13	290585,6161	9108635,9761
14	290577,0263	9108650,5810
15	290573,2438	9108662,0313
16	290615,7158	9108668,9382
17	290610,3856	9108857,1977
18	290779,5845	9108861,6588
19	290808,1732	9108862,7423
20	290810,2438	9109032,3909
21	290749,9249	9109032,3774
22	290605,7071	9109031,7581
23	290597,4225	9109033,4669
24	290596,1679	9109071,9426
25	290595,4285	9109104,0407
26	290604,2568	9109104,6557
27	290650,8550	9109107,2549
28	290671,9182	9109108,7150
29	290679,2879	9109110,1546
30	290684,4588	9109111,6841
31	290686,4547	9109112,3961
32	290694,1785	9109115,8487
33	290739,5215	9109139,5970
34	290798,1257	9109170,4977
35	290817,3041	9109184,0114
36	290851,0529	9109162,1345
37	290878,2552	9109145,5627
38	290859,2052	9109107,6214
39	290845,7114	9109056,9800

TABELA 195 – ZEPH SOBRADO DA MADALENA – SPS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289678,4336	9109006,8176
2	289659,0524	9108916,8878
3	289675,5024	9108884,1778
4	289710,0045	9108881,6296
5	289699,7444	9108800,6361
6	289694,9840	9108769,1933
7	289687,4924	9108770,3178
8	289635,0962	9108780,5044
9	289637,1403	9108788,6277
10	289639,5735	9108794,6375
11	289644,0873	9108802,0719
12	289624,8160	9108816,1703
13	289615,6324	9108823,9478
14	289592,9524	9108847,1678
15	289575,3901	9108850,8460
16	289550,4324	9108855,3878
17	289549,3724	9108850,9078
18	289539,0124	9108867,3778
19	289525,3447	9108883,7132
20	289563,8648	9108915,2542
21	289601,5193	9108947,9540
22	289613,0124	9109017,8797
23	289678,4336	9109006,8176

TABELA 196 – ZEPH SOBRADO DA MADALENA – SPA		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289585,3076	9108848,7689
2	289592,9524	9108847,1678
3	289615,6324	9108823,9478
4	289624,8160	9108816,1703
5	289644,0873	9108802,0719

6	289639,5735	9108794,6375
7	289637,1403	9108788,6277
8	289635,0962	9108780,5044
9	289694,9840	9108769,1933
10	289686,4452	9108719,6035
11	289562,6906	9108739,9531
12	289546,1575	9108662,4321
13	289426,8135	9108798,1477
14	289394,2164	9108834,8622
15	289483,5624	9108911,0378
16	289533,0881	9108942,2801
17	289536,8184	9108951,1497
18	289558,0527	9109001,6393
19	289566,7904	9108998,6464
20	289573,4786	9109042,7733
21	289612,6548	9109038,2515
22	289621,6423	9109091,2730
23	289710,4224	9109064,7078
24	289732,7800	9109061,8802
25	289710,0045	9108881,6296
26	289675,5024	9108884,1778
27	289659,0524	9108916,8878
28	289678,4336	9109006,8176
29	289613,0124	9109017,8797
30	289601,5193	9108947,9540
31	289577,4760	9108927,0744
32	289563,8648	9108915,2542
33	289525,3447	9108883,7132
34	289539,0124	9108867,3778
35	289549,3724	9108850,9078
36	289550,4324	9108855,3878
37	289575,3901	9108850,8460
38	289585,3076	9108848,7689

TABELA 197 – ZEPH VILA DO HIPÓDROMO – SPM		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292265,2673	9111626,8988
2	292129,8182	9111542,1989
3	292023,1950	9111470,2599
4	291905,8164	9111377,9903
5	291891,8290	9111395,1932
6	291883,5057	9111400,1754
7	291870,6029	9111421,7793
8	291870,6029	9111435,0724
9	291876,0806	9111447,5835
10	291887,0359	9111459,3127
11	291843,2146	9111521,8683
12	291823,6515	9111546,1086
13	291803,3059	9111559,4017
14	291790,0030	9111564,8753
15	291909,7460	9111764,5738
16	292038,9328	9111973,6229
17	292075,7115	9111913,4131
18	292226,7385	9111696,8143
19	292265,2673	9111626,8988

TABELA 198 – ZEPH FÁBRICA DA TACARUNA – SPS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	293779,8991	9111256,4899
2	293767,4929	9111249,2205
3	293752,3593	9111241,4040
4	293612,7159	9111175,6299
5	293472,3148	9111312,5775
6	293427,0895	9111356,6903
7	293562,5125	9111467,4629
8	293585,4828	9111486,5378
9	293825,0604	9111291,9287
10	293779,8991	9111256,4899

TABELA 199 – ZEPH FÁBRICA DA TACARUNA – SPA		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	293593,9703	9111193,9144
2	293588,3355	9111189,5068
3	293573,6953	9111180,5623
4	293559,1977	9111171,1289

5	293527,1181	9111154,5346
6	293492,1048	9111141,2642
7	293441,1776	9111128,7414
8	293429,3420	9111126,0575
9	293410,0163	9111119,9261
10	293393,8694	9111113,1822
11	293379,2469	9111106,7176
12	293363,9970	9111099,5399
13	293294,3285	9111187,0263
14	293289,5315	9111194,5791
15	293286,0028	9111201,0301
16	293279,7994	9111209,9438
17	293273,8083	9111221,9861
18	293271,6023	9111225,3210
19	293270,9322	9111227,2655
20	293270,0046	9111235,0093
21	293266,8698	9111246,2824
22	293266,4761	9111252,1354
23	293266,7715	9111256,7196
24	293263,6859	9111267,4858
25	293259,5799	9111278,3452
26	293255,7389	9111291,2215
27	293249,6415	9111305,1191
28	293421,9164	9111364,3026
29	293427,0895	9111356,6903
30	293593,9703	9111193,9144

TABELA 200 – ZEPH MATADOURO DE PEIXINHOS – SPS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	293525,6603	9113005,5575
2	293510,2783	9113009,9071
3	293461,6202	9113030,7943
4	293413,6068	9113051,1050
5	293380,6319	9113061,1469
6	293358,9168	9113071,9922
7	293372,1981	9113164,1554
8	293393,9567	9113340,5363
9	293573,9470	9113315,9513
10	293567,9150	9113265,0125
11	293552,2319	9113139,6892
12	293548,6127	9113128,8439
13	293525,6603	9113005,5575

TABELA 201 – ZEPH MATADOURO DE PEIXINHOS – SPA		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	293393,9567	9113340,5363
2	293372,1981	9113164,1554
3	293358,9168	9113071,9922
4	293259,5905	9113107,3665
5	293294,5376	9113354,9370
6	293328,5488	9113350,0105
7	293393,9567	9113340,5363

TABELA 202 – ZEPH ARRAIAL NOVO DO BOM JESUS – SPS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287027,8285	9108670,9139
2	287013,1251	9108682,5206
3	287012,6284	9108683,0026
4	287012,2894	9108683,4869
5	287012,0395	9108684,0227
6	287011,8865	9108684,5937
7	287011,8350	9108685,1827
8	287011,8865	9108685,7716
9	287012,0395	9108686,3427
10	287014,7207	9108693,9182
11	287061,3385	9108775,8251
12	287103,9421	9108849,7817
13	287127,4631	9108882,7556
14	287153,8464	9108922,5982
15	287081,8040	9108972,5802
16	287164,5437	9109097,4090
17	287181,9377	9109087,5948
18	287295,4621	9109024,0875
19	287297,5992	9109013,3380
20	287297,6239	9108998,5277

21	287296,2157	9108990,6696
22	287293,8017	9108982,7760
23	287258,2033	9108910,4327
24	287243,0915	9108882,5650
25	287203,0201	9108808,8744
26	287134,6967	9108682,4312
27	287106,3441	9108625,5048
28	287027,8285	9108670,9139

TABELA 203 – ZEPH ARRAIAL NOVO DO BOM JESUS – SPA – POLÍGONO 01		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287164,5437	9109097,4090
2	287175,7665	9109115,4731
3	287185,7678	9109132,3007
4	287193,9691	9109149,6322
5	287196,9982	9109154,4013
6	287196,7175	9109173,5621
7	287193,3134	9109195,5655
8	287193,4187	9109221,4994
9	287196,9422	9109224,0646
10	287351,8658	9109192,3238
11	287368,0463	9109187,5614
12	287323,7594	9109107,2222
13	287432,1924	9109031,7073
14	287253,9532	9108709,5116
15	287172,8864	9108752,8780
16	287181,3197	9108768,7144
17	287203,0201	9108808,8744
18	287258,2033	9108910,4327
19	287293,8017	9108982,7760
20	287296,2157	9108990,6696
21	287297,6239	9108998,5277
22	287297,5992	9109013,3380
23	287295,4621	9109024,0875
24	287164,5437	9109097,4090

TABELA 204 – ZEPH ARRAIAL NOVO DO BOM JESUS – SPA – POLÍGONO 02		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287081,8040	9108972,5802
2	287153,8464	9108922,5982
3	287127,4631	9108882,7556
4	287106,4202	9108853,2557
5	287047,2867	9108920,7797
6	287081,8040	9108972,5802

TABELA 205 – ZEPH MONTEIRO – SPS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287415,6624	9112120,6978
2	287420,2479	9112150,8082
3	287416,5279	9112207,6284
4	287455,3580	9112225,5284
5	287460,4404	9112220,7906
6	287468,6681	9112215,6384
7	287495,4382	9112212,9784
8	287517,8182	9112210,7484
9	287533,3683	9112209,1984
10	287540,1583	9112208,5184
11	287558,2083	9112206,3784
12	287559,4683	9112222,1184
13	287563,7184	9112227,3584
14	287587,4984	9112231,5185
15	287593,4418	9112232,6158
16	287647,8838	9112156,1650
17	287631,4476	9112147,5648
18	287622,5598	9112141,0516
19	287615,3071	9112133,3883
20	287610,9558	9112126,6708
21	287619,2944	9112123,3520
22	287626,9472	9112119,4067
23	287631,4835	9112116,8063
24	287657,1958	9112098,0013
25	287651,5687	9112090,9781
26	287605,8969	9112034,0082
27	287602,0477	9112036,1708
28	287558,7984	9111964,4177

29	287549,1484	9111948,2176
30	287543,9523	9111935,1871
31	287551,6984	9111905,4375
32	287495,2259	9111855,7764
33	287483,7830	9111868,1453
34	287479,4682	9111873,6574
35	287486,8482	9111881,4874
36	287479,1882	9111887,7274
37	287474,5882	9111891,9074
38	287467,9881	9111896,9774
39	287462,0917	9111902,0514
40	287458,9581	9111904,5374
41	287460,5257	9111906,8545
42	287433,9537	9111933,0006
43	287431,0133	9111935,9837
44	287437,0530	9111956,5447
45	287451,9945	9111997,5553
46	287455,5880	9112012,8816
47	287449,2133	9112014,6321
48	287432,6024	9112020,7778
49	287410,8324	9112097,8278
50	287412,1224	9112107,1178
51	287415,6624	9112120,6978

TABELA 206 – ZEPH GRAÇAS – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290556,9454	9109995,4973
2	290561,3253	9110004,0416
3	290570,2735	9110020,7089
4	290595,2763	9110020,8955
5	290594,8732	9110012,6256
6	290594,4386	9110002,3983
7	290594,5303	9109996,1435
8	290636,0868	9109997,6396
9	290690,2721	9109999,4130
10	290690,0504	9109994,1635
11	290688,1704	9109975,0534
12	290692,7904	9109975,4634
13	290692,9516	9109970,7434
14	290697,9131	9109966,2709
15	290693,3404	9109961,3934
16	290723,5352	9109945,5408
17	290730,2120	9109942,7477
18	290722,6117	9109905,6521
19	290731,3511	9109892,1002
20	290733,7469	9109888,0530
21	290736,9869	9109883,1530
22	290742,1388	9109875,3322
23	290744,9769	9109871,0229
24	290747,4669	9109867,2529
25	290750,2069	9109863,1029
26	290753,1569	9109858,6229
27	290760,3369	9109847,7329
28	290766,9462	9109837,7140
29	290807,3871	9109867,5829
30	290815,0871	9109870,6130
31	290845,5372	9109797,9627
32	290790,0696	9109758,1357
33	290784,4215	9109753,8320
34	290768,0623	9109775,6239
35	290762,8097	9109772,0521
36	290745,3333	9109758,7353
37	290753,0248	9109751,7678
38	290757,3281	9109748,5020
39	290759,0814	9109747,3645
40	290753,1902	9109741,8625
41	290749,5011	9109736,2319
42	290741,1797	9109744,1780
43	290723,2452	9109761,1043
44	290719,1379	9109765,3429
45	290711,4724	9109756,7609
46	290702,7124	9109763,0678
47	290664,7824	9109789,4478
48	290650,7724	9109774,6678
49	290641,6465	9109783,6632

50	290643,0694	9109784,9113
51	290608,0309	9109824,2463
52	290601,9405	9109816,0162
53	290589,8324	9109825,3278
54	290570,3364	9109795,6760
55	290561,9054	9109790,8899
56	290534,2624	9109750,7178
57	290581,9524	9109717,7378
58	290564,4524	9109694,3178
59	290560,5524	9109697,2378
60	290560,4224	9109702,8378
61	290560,3295	9109706,9347
62	290553,4584	9109708,5781
63	290546,6924	9109709,7878
64	290525,1912	9109714,7507
65	290500,4424	9109720,6478
66	290494,2581	9109721,0385
67	290465,4224	9109729,0478
68	290472,3224	9109759,4578
69	290440,3724	9109764,8878
70	290435,5546	9109765,7222
71	290445,2094	9109804,8567
72	290397,5452	9109814,2130
73	290405,0924	9109843,7878
74	290452,8766	9109833,2594
75	290457,8917	9109849,8007
76	290462,6100	9109847,8042
77	290490,2214	9109841,3223
78	290483,9082	9109824,0836
79	290485,8282	9109823,4837
80	290483,9234	9109815,6312
81	290499,9801	9109812,1180
82	290505,1516	9109828,9106
83	290508,3925	9109832,6807
84	290538,9861	9109807,0455
85	290556,7936	9109839,1830
86	290573,6854	9109869,5599
87	290570,8859	9109875,3089
88	290524,7681	9109905,8906
89	290531,8434	9109921,7272
90	290543,6624	9109942,7678
91	290565,8724	9109928,5578
92	290591,2424	9109912,3278
93	290595,5423	9109908,8655
94	290610,8033	9109936,3096
95	290618,3073	9109953,1119
96	290556,9454	9109995,4973

TABELA 207 – ZEPH DOIS IRMÃOS – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	285849,8557	9113456,1908
2	285622,4531	9113407,1184
3	285566,8662	9113399,4089
4	285521,6422	9113407,5706
5	285453,9347	9113455,5958
6	285371,7304	9113535,1516
7	285433,7613	9113591,4309
8	285388,0776	9113618,9474
9	285342,8178	9113649,0668
10	285290,9594	9113686,1085
11	285269,2635	9113699,3377
12	285235,3968	9113735,8503
13	285183,5383	9113771,3045
14	285150,2008	9113797,7629
15	285127,4466	9113796,7046
16	285111,0424	9113781,3587
17	285083,5256	9113784,0046
18	285026,3755	9113809,4046
19	284987,2171	9113831,1005
20	284990,9213	9113860,2047
21	285013,1463	9113876,0798
22	285024,7880	9113909,9465
23	285017,9088	9113942,2257
24	284978,7504	9113950,6924
25	284936,9462	9113956,5132

26	284904,1378	9114013,1342
27	284882,9711	9114044,8843
28	284875,5627	9114070,8135
29	284874,5044	9114112,6177
30	284864,4502	9114142,2511
31	284837,9918	9114194,6387
32	284760,2042	9114336,4557
33	284732,1583	9114379,8474
34	284697,7624	9114390,9600
35	284652,7831	9114393,0766
36	284636,3789	9114386,1974
37	284609,3914	9114379,3183
38	284589,8121	9114382,4933
39	284575,5246	9114389,9016
40	284549,5954	9114389,3724
41	284526,3120	9114381,9641
42	284504,0870	9114371,3807
43	284478,6869	9114366,0891
44	284467,5744	9114335,3973
45	284452,7577	9114308,9390
46	284440,0841	9114287,8283
47	284413,7477	9114300,2145
48	284377,7333	9114314,3879
49	284363,3275	9114321,3582
50	284350,7806	9114328,5612
51	284336,1423	9114337,8551
52	284326,0841	9114345,0397
53	284292,7409	9114368,2213
54	284281,8163	9114375,9259
55	284270,1166	9114384,3433
56	284267,8193	9114386,0248
57	284261,9794	9114385,7960
58	284224,9510	9114415,9367
59	284212,2510	9114439,7492
60	284218,6010	9114460,3868
61	284245,5885	9114497,6931
62	284245,5885	9114519,9181
63	284257,4948	9114551,6682
64	284326,7100	9114712,0060
65	283640,2614	9114915,2308
66	283685,4073	9114938,2338
67	283720,2116	9114953,7955
68	283740,5591	9114959,4306
69	283770,7449	9114960,2868
70	283796,6105	9114961,0029
71	283820,0751	9114959,6838
72	283872,2758	9114956,7257
73	283887,1821	9114956,8849
74	283929,4611	9114957,3087
75	283947,4971	9114959,9080
76	283976,7283	9114965,4781
77	284002,2419	9114974,6025
78	284020,4374	9114984,4692
79	284039,0039	9114996,9885
80	284060,9656	9115014,5472
81	284069,1346	9115024,8384
82	284093,5366	9115065,4197
83	284104,9135	9115083,8124
84	284115,8122	9115122,8140
85	284135,0601	9115198,2921
86	284142,5966	9115230,9075
87	284147,9241	9115257,9360
88	284158,7103	9115281,9750
89	284169,4947	9115316,0200
90	284185,6077	9115337,5903
91	284222,3816	9115376,0534
92	284245,6415	9115396,7142
93	284281,8953	9115427,7708
94	284303,7972	9115446,0620
95	284326,9837	9115465,3239
96	284359,9166	9115493,7083
97	284393,2233	9115523,5091
98	284416,4253	9115544,2687
99	284450,0418	9115574,3464
100	284477,4150	9115597,6281

101	284493,7965	9115611,5610
102	284511,7643	9115626,8433
103	284538,0338	9115648,9388
104	284560,8990	9115668,4782
105	284578,0624	9115683,1450
106	284587,9853	9115692,0499
107	284606,7150	9115708,8577
108	284632,6112	9115732,0967
109	284649,2441	9115747,6901
110	284666,0826	9115761,5411
111	284681,4697	9115774,1984
112	284694,2646	9115785,3713
113	284718,3738	9115806,4240
114	284730,4102	9115815,5376
115	284745,6613	9115827,0853
116	284779,4467	9115851,6445
117	284812,9716	9115868,2770
118	284875,9941	9115889,3279
119	284940,5756	9115905,8307
120	285140,1015	9115942,8229
121	285164,4319	9115947,3828
122	285209,6415	9115956,4789
123	285308,5911	9115976,3879
124	285394,9858	9115995,7507
125	285522,1997	9116023,4287
126	285616,2873	9116040,7114
127	285649,9968	9116044,0699
128	285696,6249	9116042,0211
129	285727,6632	9116039,3342
130	285781,0455	9116029,0162
131	285834,5818	9116009,5247
132	285888,5872	9115989,6486
133	285916,3132	9115978,5997
134	285974,1404	9115955,3384
135	286016,6915	9115942,5864
136	286045,8923	9115931,3777
137	286047,6957	9115891,8847
138	286083,7702	9115874,5105
139	286106,5690	9115865,8087
140	286142,2844	9115851,8664
141	286166,0970	9115838,3064
142	286185,9408	9115802,5876
143	286192,8861	9115786,7126
144	286201,1543	9115777,7829
145	286220,9981	9115761,5771
146	286227,9434	9115749,3401
147	286236,2117	9115735,4495
148	286235,8810	9115723,8739
149	286233,2351	9115712,9598
150	286242,2637	9115689,9765
151	286238,4794	9115681,6129
152	286233,9813	9115649,0696
153	286222,6049	9115608,5876
154	286211,6973	9115545,0706
155	286208,5814	9115504,3422
156	286211,2269	9115449,3085
157	286215,4606	9115413,3247
158	286232,1293	9115352,7354
159	286248,2822	9115307,0832
160	286262,6545	9115266,9518
161	286275,8759	9115226,2994
162	286281,0342	9115206,5882
163	286287,6091	9115174,8583
164	286296,2070	9115130,6049
165	286336,9190	9114879,3006
166	286406,0070	9114401,6107
167	286404,2206	9114375,6021
168	286399,4578	9114358,1398
169	286386,7581	9114342,2643
170	286371,4120	9114332,7394
171	286345,4828	9114327,4478
172	286326,4328	9114320,0397
173	286309,4996	9114308,3978
174	286298,3872	9114294,6394
175	286288,8621	9114259,7142

176	286292,5662	9114232,1975
177	286257,2196	9114200,9887
178	286234,4654	9114194,1096
179	286215,4154	9114133,7844
180	286214,1688	9114069,5856
181	286211,1821	9114041,7093
182	286197,9529	9114024,2467
183	286163,0278	9114032,1842
184	286127,5736	9114032,1842
185	286099,5277	9113989,3216
186	286103,7610	9113971,8591
187	286143,4486	9113927,4090
188	286141,3319	9113798,8213
189	286161,9695	9113776,0671
190	286123,3402	9113747,4920
191	286022,8568	9113675,5494
192	285993,0133	9113657,6717
193	285978,3234	9113640,1430
194	285928,0525	9113440,3822
195	285849,8557	9113456,1908

TABELA 208 – ZEPH DOIS IRMÃOS – SPA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286022,8568	9113675,5494
2	286033,5256	9113659,1315
3	286042,0304	9113644,4009
4	286049,8406	9113629,2906
5	286056,9393	9113613,8332
6	286063,3111	9113598,0623
7	286068,9423	9113582,0120
8	286073,8207	9113565,7171
9	286077,9357	9113549,2129
10	286081,2783	9113532,5351
11	286083,8414	9113515,7199
12	286085,6194	9113498,8036
13	286086,6084	9113481,8229
14	286086,8063	9113464,8146
15	286086,2127	9113447,8155
16	286084,8288	9113430,8624
17	286082,6577	9113413,9921
18	286079,7040	9113397,2410
19	286075,9742	9113380,6455
20	286071,4763	9113364,2416
21	286066,2201	9113348,0646
22	286064,6005	9113343,7709
23	286060,2169	9113332,1497
24	286053,4798	9113316,5313
25	286046,0234	9113301,2433
26	286037,8637	9113286,3188
27	286029,0185	9113271,7901
28	286019,5069	9113257,6886
29	286009,3496	9113244,0449
30	285998,5685	9113230,8885
31	285987,1869	9113218,2480
32	285975,2296	9113206,1508
33	285962,7224	9113194,6229
34	285954,9747	9113188,1218
35	285943,0069	9113178,5903
36	285936,1678	9113173,3740
37	285922,1779	9113163,6990
38	285907,7531	9113154,6854
39	285892,9245	9113146,3526
40	285877,7243	9113138,7188
41	285862,1854	9113131,8004
42	285846,3414	9113125,6125
43	285830,2267	9113120,1684
44	285813,8762	9113115,4800
45	285797,3252	9113111,5573
46	285780,6096	9113108,4090
47	285763,7657	9113106,0417
48	285746,8299	9113104,4607
49	285729,8388	9113103,6693
50	285712,8294	9113103,6693
51	285695,8383	9113104,4607
52	285678,9025	9113106,0417

53	285662,0586	9113108,4090
54	285645,3430	9113111,5573
55	285628,7920	9113115,4800
56	285612,4415	9113120,1684
57	285596,3268	9113125,6125
58	285580,4828	9113131,8004
59	285564,9439	9113138,7188
60	285549,7437	9113146,3526
61	285534,9151	9113154,6854
62	285520,4903	9113163,6990
63	285506,5004	9113173,3740
64	285492,9758	9113183,6894
65	285479,9458	9113194,6229
66	285467,4386	9113206,1508
67	285455,4813	9113218,2480
68	285444,0997	9113230,8885
69	285433,3186	9113244,0449
70	285423,1612	9113257,6886
71	285413,6497	9113271,7901
72	285404,8045	9113286,3188
73	285396,6448	9113301,2433
74	285389,1884	9113316,5313
75	285382,4513	9113332,1497
76	285376,4481	9113348,0646
77	285371,1919	9113364,2416
78	285366,6940	9113380,6455
79	285362,9642	9113397,2410
80	285360,0105	9113413,9921
81	285357,8394	9113430,8624
82	285356,4555	9113447,8155
83	285355,8619	9113464,8146
84	285356,0598	9113481,8229
85	285357,0488	9113498,8036
86	285358,8268	9113515,7199
87	285361,3899	9113532,5351
88	285363,6564	9113549,2129
89	285364,7325	9113565,7171
90	285368,8475	9113582,0120
91	285373,7259	9113598,0623
92	285379,3571	9113613,8332
93	285385,7289	9113629,2906
94	285388,0776	9113644,4009
95	285433,7613	9113659,1315
96	285371,7304	9113675,5494
97	285453,9347	9113691,9737
98	285521,6422	9113708,4070
99	285566,8662	9113725,8310
100	285622,4531	9113742,7603
101	285849,8557	9113759,1896
102	285928,0525	9113776,0671
103	285978,3234	9113793,0000
104	285993,0133	9113807,5333
105	286022,8568	9113821,0666

TABELA 209 – ZEPH HOSPITAL DA TAMARINEIRA – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290509,8004	9111351,3853
2	290485,9567	9111355,5185
3	290338,0365	9111381,3770
4	290331,4907	9111381,1741
5	290325,1327	9111380,1462
6	290321,1954	9111379,0777
7	290316,1866	9111388,4620
8	290306,6257	9111405,3625
9	290220,2183	9111534,5696
10	290216,3381	9111540,8922
11	290228,3648	9111548,4372
12	290238,0656	9111555,1311
13	290242,5887	9111558,2290
14	290256,7568	9111568,5724
15	290270,4356	9111579,5544
16	290276,3916	9111584,6704
17	290287,3782	9111595,7246
18	290292,0845	9111600,9428
19	290298,4096	9111608,9661

20	290304,0856	9111617,4609
21	290307,3545	9111623,1084
22	290310,9384	9111630,0113
23	290316,0033	9111641,1898
24	290320,3263	9111652,6758
25	290321,2915	9111655,5976
26	290322,9661	9111660,4872
27	290326,9321	9111670,1948
28	290331,6384	9111679,5659
29	290336,1576	9111687,1586
30	290362,8013	9111729,4533
31	290381,9310	9111758,5442
32	290385,8703	9111766,0798
33	290392,3535	9111777,0425
34	290399,5125	9111787,5765
35	290407,3186	9111797,6401
36	290416,0291	9111810,7050
37	290438,5019	9111832,0312
38	290452,9263	9111844,9203
39	290466,1928	9111829,7766
40	290467,1272	9111830,6280
41	290494,1523	9111801,1929
42	290521,1774	9111771,7578
43	290527,5174	9111774,3978
44	290533,0274	9111775,4978
45	290539,1174	9111777,6778
46	290541,3174	9111775,0578
47	290543,4974	9111773,8078
48	290553,5599	9111768,4676
49	290694,7679	9111693,5276
50	290730,8471	9111740,5521
51	290738,1480	9111750,0678
52	290741,9680	9111754,6278
53	290750,4925	9111765,8623
54	290757,0981	9111774,5679
55	290761,6405	9111779,7382
56	290772,2176	9111770,4455
57	290768,3881	9111764,2178
58	290755,8681	9111743,8778
59	290748,4893	9111733,1104
60	290741,0111	9111721,5573
61	290736,2558	9111715,1605
62	290732,5386	9111708,4681
63	290727,5180	9111701,6876
64	290723,3144	9111694,6588
65	290719,1480	9111688,3976
66	290715,1980	9111682,1476
67	290711,2080	9111675,7476
68	290706,2053	9111667,9099
69	290701,9732	9111661,2133
70	290697,6782	9111654,4294
71	290693,2563	9111648,3096
72	290689,4679	9111641,3174
73	290684,9079	9111635,2274
74	290678,8736	9111629,9219
75	290673,0139	9111624,7699
76	290666,2778	9111618,8474
77	290659,2778	9111613,9474
78	290652,6878	9111609,3473
79	290642,6578	9111602,7023
80	290632,6277	9111596,0573
81	290624,8877	9111591,1323
82	290617,1477	9111586,2073
83	290608,0277	9111580,0772
84	290597,7126	9111573,2372
85	290587,1484	9111566,2223
86	290576,6976	9111558,8872
87	290573,1776	9111556,5472
88	290567,8676	9111552,9071
89	290564,8875	9111550,5771
90	290561,5175	9111546,6971
91	290622,0995	9111511,9706
92	290614,0777	9111499,0770
93	290610,3277	9111492,6420
94	290606,5777	9111486,2070

95	290604,9577	9111483,1569
96	290600,9977	9111475,9469
97	290594,8977	9111465,4569
98	290593,1577	9111461,4069
99	290589,2776	9111455,0169
100	290587,7876	9111453,2969
101	290584,4076	9111447,3368
102	290582,2410	9111444,3069
103	290575,4976	9111434,8768
104	290570,7676	9111428,2568
105	290568,6576	9111424,9868
106	290565,0176	9111420,5367
107	290561,7076	9111415,7067
108	290558,5976	9111415,3267
109	290553,2975	9111406,3767
110	290540,8625	9111390,6116
111	290528,4275	9111374,8466
112	290521,4825	9111366,4066
113	290514,5374	9111357,9665
114	290509,8004	9111351,3853

TABELA 210 – ZEPH VILA DOS COMERCIÁRIOS – SPS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290033,4086	9111761,1565
2	290029,6277	9111753,6854
3	290018,6513	9111767,2768
4	290007,2477	9111778,7357
5	289998,6546	9111786,6450
6	289990,4203	9111793,6685
7	289979,1155	9111802,5136
8	289939,9933	9111830,1919
9	289923,4490	9111841,1349
10	289902,0479	9111852,2404
11	290008,9318	9112067,0306
12	290017,2779	9112084,8318
13	290045,3923	9112144,7961
14	290095,1554	9112241,9764
15	290186,0071	9112180,4519
16	290215,2515	9112160,7018
17	290207,7927	9112147,4331
18	290204,7824	9112141,8828
19	290203,3924	9112139,3278
20	290202,5683	9112137,4096
21	290200,5524	9112132,7178
22	290199,9124	9112131,1378
23	290198,1824	9112126,5478
24	290197,1124	9112124,5178
25	290194,7424	9112118,0278
26	290192,3224	9112112,1078
27	290190,0524	9112108,1078
28	290188,8924	9112105,0578
29	290184,6192	9112095,7052
30	290183,1424	9112092,5878
31	290180,6424	9112086,4178
32	290178,0724	9112079,6478
33	290176,9124	9112076,9078
34	290174,2224	9112071,2378
35	290172,3924	9112067,1578
36	290171,1624	9112064,3778
37	290168,0924	9112058,1678
38	290166,3424	9112054,3378
39	290163,7624	9112048,8478
40	290163,3284	9112047,3578
41	290161,4324	9112040,8478
42	290161,2824	9112040,3178
43	290159,1724	9112035,8778
44	290155,4024	9112027,9878
45	290148,1524	9112012,6578
46	290146,3324	9112008,8678
47	290144,7724	9112005,2778
48	290142,6924	9112000,8378
49	290141,8446	9111998,7774
50	290140,1124	9111994,5678
51	290137,7424	9111989,4978
52	290136,3324	9111986,3678

53	290135,3624	9111982,7878
54	290134,4424	9111981,3478
55	290132,5524	9111977,9978
56	290132,2924	9111977,4478
57	290129,2524	9111970,7978
58	290125,3787	9111961,7236
59	290122,8424	9111955,9378
60	290121,2724	9111952,4978
61	290115,2824	9111939,6078
62	290112,1424	9111932,5578
63	290107,9261	9111923,1505
64	290103,8324	9111913,7078
65	290099,9993	9111904,1687
66	290098,5524	9111900,5678
67	290092,7524	9111887,2978
68	290090,8824	9111883,4978
69	290088,1824	9111877,9478
70	290087,8539	9111876,1620
71	290083,4662	9111866,3882
72	290081,6524	9111862,3478
73	290076,4824	9111849,3978
74	290075,7024	9111847,7478
75	290075,3312	9111846,8280
76	290073,1924	9111841,5278
77	290070,5971	9111836,8523
78	290067,7330	9111838,3162
79	290066,9667	9111837,0319
80	290063,3724	9111831,0078
81	290062,2424	9111828,2578
82	290060,0843	9111826,6345
83	290062,9724	9111824,5878
84	290065,4635	9111823,5699
85	290064,1324	9111821,1278
86	290059,3924	9111811,1478
87	290060,1024	9111810,7878
88	290056,2424	9111802,0678
89	290054,6669	9111797,9899
90	290054,0324	9111796,3478
91	290051,5686	9111791,0545
92	290048,9124	9111785,3478
93	290046,7302	9111783,3312
94	290041,8524	9111775,2478
95	290034,8224	9111763,5978
96	290033,4086	9111761,1565

TABELA 211 – ZEPH PARQUE DO JIQUIÁ – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	287703,6009	9106015,3191
2	287684,5490	9106036,5872
3	287572,6301	9106125,2228
4	287521,8300	9106160,6771
5	287468,3840	9106236,3480
6	287451,7152	9106289,0002
7	287372,3401	9106421,2922
8	287300,9121	9106494,0183
9	287222,2488	9106523,2809
10	287182,1043	9106527,9195
11	287146,0281	9106527,5267
12	287160,1327	9106560,2648
13	287162,5465	9106565,9703
14	287186,1969	9106621,8711
15	287203,5832	9106662,9660
16	287293,1413	9106638,5596
17	287311,0007	9106634,5909
18	287319,5997	9106635,9138
19	287374,5008	9106674,9399
20	287456,5218	9106743,7317
21	287469,3542	9106753,2567
22	287494,2250	9106764,8984
23	287519,8897	9106770,9838
24	287579,6856	9106764,1047
25	287611,4357	9106762,7817
26	287624,0034	9106757,4901
27	287653,1077	9106736,9848
28	287674,2744	9106721,1098

29	287698,0869	9106713,1723
30	287720,5765	9106717,1410
31	287746,3735	9106728,3858
32	287776,5710	9106745,8617
33	287860,1445	9106722,4327
34	287835,0091	9106666,2086
35	287868,5646	9106495,3520
36	288042,2708	9106388,8366
37	288064,2983	9106360,0538
38	288071,0844	9106344,8244
39	288026,9451	9106309,6000
40	287960,2482	9106240,4153
41	287836,2360	9106096,0175
42	287785,6119	9106055,5861
43	287734,3082	9106026,3668
44	287703,6009	9106015,3191

TABELA 212 – ZEPH CAPITÃO LIMA – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	293021,3910	9109253,2515
2	292998,8901	9109267,7049
3	292995,6524	9109262,4678
4	292977,8524	9109233,9178
5	292963,1724	9109243,0278
6	292959,9624	9109245,4078
7	292956,5424	9109248,0278
8	292955,7398	9109248,6322
9	292954,2824	9109246,4478
10	292955,2224	9109245,7578
11	292929,0524	9109204,2178
12	292971,4924	9109186,9178
13	292977,4939	9109183,9019
14	292962,6226	9109160,4079
15	292901,7311	9109199,0814
16	292859,6585	9109225,8024
17	292883,5249	9109254,8670
18	292880,8124	9109257,2878
19	292871,9324	9109265,2878
20	292872,9324	9109266,4878
21	292863,0024	9109275,1478
22	292879,2724	9109294,5378
23	292844,7724	9109317,5578
24	292839,5164	9109321,4352
25	292863,4013	9109357,1683
26	292798,7919	9109400,3449
27	292802,8524	9109405,5178
28	292824,8924	9109433,0578
29	292856,9524	9109412,6078
30	292859,4524	9109416,2078
31	292875,7224	9109405,7378
32	292884,9335	9109400,5582
33	292899,7561	9109414,0018
34	292906,7724	9109409,5478
35	292963,6424	9109372,6078
36	292976,7505	9109393,0148
37	293002,5506	9109376,1930
38	293010,2524	9109387,8478
39	293011,1416	9109389,7786
40	293013,0555	9109392,5905
41	293081,1797	9109347,8595
42	293044,8402	9109290,2970
43	293052,0598	9109286,0571
44	293056,7503	9109283,2301
45	293056,6781	9109283,0408
46	293074,4846	9109272,1540
47	293074,2239	9109271,7489
48	293086,7190	9109264,4695
49	293092,6476	9109273,1986
50	293116,2709	9109258,8592
51	293104,4228	9109239,8636
52	293161,0432	9109205,0830
53	293169,6892	9109199,5006
54	293151,2372	9109169,8450
55	293021,3910	9109253,2515

TABELA 213 – ZEPH LARGO DA PAZ – SPS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289838,4228	9106260,8434
2	289877,0049	9106282,4448
3	289902,4556	9106296,6389
4	289916,6429	9106305,3651
5	289916,3774	9106308,7382
6	289916,7851	9106313,9184
7	289917,9981	9106318,9710
8	289919,9866	9106323,7717
9	289922,7017	9106328,2023
10	289926,0763	9106332,1535
11	289930,0276	9106335,5281
12	289934,4580	9106338,2431
13	289939,2587	9106340,2316
14	289940,7145	9106340,6680
15	289947,3690	9106340,7450
16	289954,0235	9106340,8219
17	289968,5416	9106340,2161
18	289983,0035	9106338,8044
19	289997,3647	9106336,5912
20	290004,8020	9106335,1206
21	289992,5796	9106327,3830
22	289988,9508	9106324,4890
23	289985,8970	9106320,9936
24	289983,5163	9106317,0092
25	289981,6369	9106311,6896
26	289957,5889	9106246,3903
27	289953,6701	9106236,2091
28	289950,7149	9106231,5918
29	289946,7653	9106227,1634
30	289946,4063	9106231,4721
31	289945,7888	9106235,5482
32	289945,3849	9106240,2934
33	289944,1849	9106244,9023
34	289942,9929	9106247,7626
35	289926,1570	9106282,5999
36	289904,5117	9106270,8594
37	289880,9879	9106257,3684
38	289874,7547	9106253,6114
39	289869,2473	9106248,8725
40	289864,8073	9106244,5179
41	289860,8368	9106239,6509
42	289859,5987	9106237,5162
43	289857,3360	9106239,2666
44	289853,0667	9106240,3340
45	289850,0327	9106240,3733
46	289845,3555	9106248,4839
47	289838,4228	9106260,8434

TABELA 214 – ZEPH ENCRUZILHADA – SPS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291379,7946	9111082,7700
2	291366,4791	9111058,5885
3	291355,7811	9111063,8405
4	291339,2182	9111072,0426
5	291332,2332	9111075,6938
6	291325,8832	9111079,1863
7	291336,8126	9111104,9711
8	291358,0551	9111096,8405
9	291382,5777	9111088,0937
10	291379,7946	9111082,7700
11	291386,0613	9111086,8512
12	291424,3484	9111181,4105
13	291432,3816	9111200,3400
14	291433,9446	9111209,6960
15	291434,3374	9111216,3019
16	291434,5556	9111217,2145
17	291435,3931	9111219,3399
18	291436,2481	9111220,5610
19	291437,8493	9111222,7194
20	291439,0196	9111223,3970
21	291440,1899	9111224,2593
22	291443,0752	9111225,1082
23	291444,1935	9111224,4441

24	291446,5341	9111223,3354
25	291447,5812	9111222,8578
26	291448,2964	9111221,6151
27	291448,8030	9111221,1541
28	291449,3689	9111220,3036
29	291449,9623	9111219,0310
30	291450,3257	9111217,6747
31	291458,4409	9111205,4338
32	291478,2188	9111186,4630
33	291529,5771	9111134,9896
34	291533,7473	9111132,4218
35	291538,2914	9111130,5959
36	291543,0789	9111129,5641
37	291547,9717	9111129,3563
38	291552,8293	9111129,9783
39	291557,5119	9111131,4123
40	291561,8849	9111133,6172
41	291565,8223	9111136,5293
42	291569,2109	9111140,0649
43	291571,9532	9111144,1223
44	291573,6815	9111147,8032
45	291574,7687	9111152,0956
46	291578,3676	9111168,3809
47	291579,2102	9111172,8400
48	291593,0395	9111122,3635
49	291615,2414	9111107,2877
50	291619,1610	9111107,0889
51	291621,8906	9111106,4772
52	291629,4995	9111103,0369
53	291638,4299	9111098,1919
54	291634,6795	9111094,0887
55	291629,2431	9111085,2697
56	291633,0305	9111082,5313
57	291626,7900	9111072,5054
58	291635,8319	9111065,2302
59	291630,8640	9111057,3836
60	291620,0276	9111040,5818
61	291611,0132	9111048,4887
62	291606,2946	9111043,1888
63	291602,3078	9111038,7109
64	291601,8519	9111038,1989
65	291598,7043	9111034,6635
66	291594,7362	9111038,1989
67	291592,3117	9111040,3590
68	291590,3252	9111038,1989
69	291588,3920	9111036,0968
70	291584,7881	9111032,1781
71	291581,0906	9111028,1577
72	291578,5017	9111030,4105
73	291574,4992	9111025,9063
74	291570,7582	9111022,3979
75	291547,7331	9111041,4984
76	291536,3647	9111028,0581
77	291530,1031	9111020,8882
78	291527,4094	9111023,4051
79	291520,0340	9111028,8558
80	291498,7949	9111043,6756
81	291499,2661	9111044,1108
82	291481,5037	9111056,6273
83	291481,7777	9111056,9990
84	291468,9514	9111066,1787
85	291462,7953	9111065,7045
86	291463,5181	9111073,0299
87	291464,0344	9111078,2625
88	291464,5787	9111082,7753
89	291464,7714	9111084,3735
90	291441,9949	9111083,2343
91	291412,7345	9111083,8367
92	291386,0613	9111086,8512

TABELA 215 – ZEPH CEMITÉRIO DE SANTO AMARO – SPS		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292308,6501	9109491,6810
2	292004,9240	9109715,9297
3	292000,1469	9109719,6582

4	291995,0828	9109723,0556
5	292000,0000	9109731,9853
6	292023,8117	9109764,2051
7	292058,3569	9109810,2014
8	292076,1023	9109797,2164
9	292099,1777	9109828,4561
10	292125,2471	9109863,1020
11	292160,0501	9109909,9159
12	292182,9370	9109941,0320
13	292195,8515	9109958,3146
14	292220,9197	9109992,5903
15	292215,2200	9109996,8103
16	292244,0265	9110032,5240
17	292269,3126	9110014,5014
18	292298,0847	9109993,9941
19	292329,9387	9109971,2902
20	292344,2700	9109961,0756
21	292355,2430	9109953,2547
22	292440,2620	9109893,2310
23	292455,1370	9109882,7292
24	292467,8490	9109873,7544
25	292551,0272	9109815,0303
26	292519,2402	9109771,4381
27	292492,2313	9109734,3984
28	292578,8556	9109677,4439
29	292515,6683	9109587,2578
30	292508,0163	9109575,0123
31	292422,4921	9109638,2856
32	292418,3039	9109635,4063
33	292413,5183	9109631,2095
34	292408,9440	9109625,9254
35	292308,6501	9109491,6810

TABELA 216 – ZEPH MERCADO DA MADALENA – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289633,9814	9109143,8373
2	289627,7619	9109158,3255
3	289626,1605	9109170,0042
4	289625,7200	9109190,7641
5	289626,0936	9109207,6206
6	289627,2393	9109259,3236
7	289627,8374	9109287,2959
8	289628,3025	9109332,4152
9	289628,2612	9109379,4344
10	289629,6173	9109391,7555
11	289639,5127	9109448,1452
12	289643,1001	9109457,4326
13	289633,6461	9109455,7855
14	289628,6699	9109455,5758
15	289608,8641	9109456,2826
16	289591,5026	9109456,9022
17	289585,8053	9109457,0505
18	289585,9562	9109463,4616
19	289586,1862	9109466,2216
20	289586,9362	9109489,2516
21	289586,7362	9109496,8216
22	289604,8271	9109493,3143
23	289615,7662	9109491,2116
24	289618,4562	9109496,5716
25	289621,9262	9109501,6216
26	289630,5882	9109520,4953
27	289654,3876	9109566,6962
28	289643,3903	9109572,1133
29	289647,6701	9109580,9516
30	289695,3829	9109565,0641
31	289703,1301	9109563,3392
32	289700,5755	9109541,7836
33	289694,1289	9109498,3587
34	289684,2489	9109448,1560
35	289682,4865	9109437,2527
36	289658,8822	9109291,2187
37	289633,9814	9109143,8373

TABELA 217 – ZEPH SÍTIO DE PAI ADÃO – SPP1

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291036,7482	9112924,2102
2	291038,4401	9112925,5079
3	291044,4748	9112919,5972
4	291158,7251	9112825,4202
5	291158,8841	9112817,6053
6	291152,9156	9112808,5329
7	291151,0307	9112807,7608
8	291148,9641	9112806,3831
9	291146,4592	9112804,1913
10	291139,9464	9112799,3693
11	291139,0450	9112798,5849
12	291078,6220	9112832,7694
13	291082,4166	9112839,2630
14	291077,6802	9112842,1905
15	291083,4217	9112850,9590
16	291007,5121	9112896,9875
17	291028,5832	9112917,9478
18	291036,7482	9112924,2102

TABELA 218 – ZEPH PRAÇA MINISTRO SALGADO FILHO – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	288854,7136	9100605,0380
2	288848,1460	9100562,8615
3	288842,6797	9100527,7576
4	288825,2325	9100415,7126
5	288810,5805	9100323,0185
6	288805,0729	9100288,3463
7	288782,8396	9100216,8714
8	288767,3142	9100302,2315
9	288756,4603	9100339,9531
10	288720,1577	9100449,0738
11	288710,5232	9100475,1748
12	288704,2405	9100489,3751
13	288721,2253	9100494,2098
14	288737,2549	9100498,6319
15	288754,0715	9100504,4083
16	288764,7524	9100509,1637
17	288775,0754	9100514,8527
18	288784,9905	9100520,8483
19	288794,4492	9100527,7204
20	288811,8158	9100543,3573
21	288820,2961	9100553,4555
22	288838,6834	9100574,0688
23	288847,0192	9100587,3563
24	288854,7136	9100605,0380

TABELA 219 – ZEPH PRAÇA MINISTRO SALGADO FILHO – SPA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	288667,9180	9100819,4176
2	288721,8931	9100778,1425
3	288739,3556	9100774,9675
4	288760,3900	9100778,9363
5	288798,4901	9100805,1301
6	288821,1120	9100821,7989
7	288896,1216	9100903,9522
8	288955,3013	9100822,6995
9	289016,2396	9100739,0322
10	289040,7136	9100713,2353
11	289055,0012	9100694,1853
12	289072,7547	9100663,2554
13	289082,2798	9100628,9653
14	289080,7981	9100589,1719
15	289076,1399	9100561,1703
16	289065,4694	9100506,9207
17	289037,3243	9100389,7100
18	289013,5118	9100257,9472
19	288981,1004	9100092,2882
20	288880,9457	9100112,0312
21	288868,7748	9100099,3312
22	288850,2539	9100085,0436
23	288828,5581	9100074,9895
24	288808,9789	9100071,8145
25	288790,3098	9100077,9052

26	288775,6324	9100093,4412
27	288756,0621	9100140,0771
28	288726,4247	9100245,4616
29	288704,0647	9100313,0928
30	288681,6146	9100380,4629
31	288652,3412	9100461,0975
32	288635,1433	9100509,3840
33	288550,0459	9100764,2519
34	288575,8428	9100768,2206
35	288618,7054	9100781,7144
36	288637,3585	9100791,2394
37	288652,4398	9100800,3676
38	288667,9180	9100819,4176
39	288767,3142	9100302,2315
40	288782,8396	9100216,8714
41	288805,0729	9100288,3463
42	288810,5805	9100323,0185
43	288825,2325	9100415,7126
44	288842,6797	9100527,7576
45	288848,1460	9100562,8615
46	288854,7136	9100605,0380
47	288847,0192	9100587,3563
48	288838,6834	9100574,0688
49	288820,2961	9100553,4555
50	288811,8158	9100543,3573
51	288794,4492	9100527,7204
52	288784,9905	9100520,8483
53	288775,0754	9100514,6527
54	288764,7524	9100509,1637
55	288754,0715	9100504,4083
56	288737,2549	9100498,6319
57	288721,2253	9100494,2098
58	288704,2405	9100489,3751
59	288710,5232	9100475,1748
60	288720,1577	9100449,0738
61	288756,4603	9100339,9531
62	288767,3142	9100302,2315

TABELA 220 – ZEPH COTONIFÍCIO DA TORRE – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290083,8403	9110753,3539
2	290085,0830	9110559,2000
3	290083,5662	9110543,9546
4	290084,4238	9110524,5508
5	290104,1411	9110439,9769
6	290111,7586	9110392,7746
7	290047,5100	9110375,4507
8	289957,4048	9110355,6735
9	289949,1080	9110355,9967
10	289943,7516	9110358,2277
11	289945,0916	9110356,0048
12	289960,7800	9110299,0063
13	289962,4579	9110294,9672
14	289966,3716	9110285,5460
15	289975,3566	9110246,4586
16	289985,9217	9110248,0466
17	289986,4224	9110244,9378
18	289992,6624	9110204,2778
19	289999,1124	9110160,9578
20	289999,5480	9110152,6774
21	289893,0478	9110137,2038
22	289827,9179	9110127,9520
23	289806,2323	9110193,3304
24	289724,1450	9110181,8315
25	289719,2453	9110179,9628
26	289709,2453	9110178,2828
27	289707,2953	9110184,7928
28	289705,3053	9110191,4028
29	289704,4553	9110194,0628
30	289703,3153	9110197,6128
31	289701,1853	9110204,2229
32	289700,2753	9110207,0729
33	289699,0153	9110217,2329
34	289694,7952	9110251,4030
35	289694,2633	9110257,3628

36	289778,9374	9110270,1450
37	289758,6615	9110333,1197
38	289735,1111	9110401,7089
39	289708,7076	9110480,5520
40	289703,4476	9110494,8060
41	289694,5473	9110531,9211
42	289692,1508	9110540,5361
43	289685,5889	9110564,1619
44	289681,9354	9110577,2560
45	289673,7018	9110599,4748
46	289657,1309	9110646,6956
47	289647,3888	9110675,3390
48	289681,3120	9110681,3832
49	289692,8279	9110684,0668
50	289714,4167	9110687,6900
51	289728,6850	9110690,0845
52	289780,9131	9110698,1605
53	289958,3082	9110732,3855
54	290001,1563	9110741,0854
55	290083,8403	9110753,3539

TABELA 221 – ZEPH COTONIFÍCIO DA TORRE – SPA

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289992,8346	9110204,1565
2	289985,9217	9110248,0466
3	289975,3566	9110246,4586
4	289966,3716	9110285,5460
5	289960,7800	9110299,0063
6	289945,0916	9110356,0048
7	289943,7390	9110358,2457
8	289949,1080	9110355,9967
9	289957,4048	9110355,6735
10	290025,6110	9110370,5431
11	290111,7586	9110392,7746
12	290132,5020	9110352,1345
13	290162,2304	9110306,6259
14	290162,4745	9110306,2522
15	290184,4474	9110259,4402
16	290192,3447	9110241,0474
17	290121,8404	9110222,9320
18	290089,2724	9110218,0378
19	290076,2624	9110216,1878
20	290037,4433	9110210,7942
21	290014,1590	9110207,3467
22	290000,5707	9110205,4085
23	289992,8346	9110204,1565

TABELA 222 – ZEPH ENGENHO DA TORRE – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289188,6778	9109904,1945
2	289096,1752	9110005,8228
3	289093,9286	9110006,7214
4	289024,0393	9109944,8510
5	289010,0292	9109930,3740
6	289001,5151	9109918,2740
7	288982,3001	9109879,2175
8	288958,2420	9109834,6178
9	288946,4217	9109842,3865
10	288946,2434	9109850,0669
11	288954,7812	9109900,5484
12	288961,8326	9109946,6331
13	288967,9170	9109946,3956
14	288971,6120	9109950,4009
15	289066,7548	9110037,1658
16	289000,2447	9110113,5461
17	288997,0820	9110118,5677
18	289028,1385	9110135,2925
19	289106,2458	9110177,0732
20	289110,0018	9110179,0027
21	289111,5612	9110176,1184
22	289112,7620	9110173,2249
23	289145,1999	9110115,0570
24	289148,5022	9110108,3752
25	289115,4266	9110079,5975
26	289134,6654	9110059,2277

27	289138,9253	9110053,4236
28	289143,8927	9110042,6838
29	289156,8376	9110045,1862
30	289165,6653	9110046,2102
31	289166,2737	9110038,8722
32	289176,3538	9109998,1821
33	289183,5938	9109990,3121
34	289188,4943	9109983,4821
35	289195,4913	9109973,7304
36	289204,9614	9109960,5317
37	289211,3374	9109951,3663
38	289219,1039	9109940,2019
39	289235,2639	9109918,0219
40	289239,2629	9109911,1174
41	289188,6778	9109904,1945

TABELA 223 – ZEPH PRAÇA DA CONVENÇÃO – SPS

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290869,6805	9114930,0717
2	290866,9372	9114927,4342
3	290849,5662	9114910,7332
4	290847,5336	9114907,2129
5	290846,2777	9114903,3476
6	290845,8529	9114899,3056
7	290846,2777	9114895,2635
8	290846,8327	9114893,2115
9	290859,6852	9114870,1308
10	290874,5727	9114842,2783
11	290865,7095	9114835,2977
12	290839,4599	9114853,3804
13	290795,0957	9114883,9419
14	290799,9859	9114888,6666
15	290808,8984	9114898,0879
16	290819,4812	9114908,7029
17	290796,3216	9114927,1635
18	290800,2586	9114932,4975
19	290755,4275	9114965,6445
20	290760,6346	9114972,2486
21	290765,2066	9114977,2016
22	290777,3986	9114986,7266
23	290792,3846	9114967,6766
24	290796,3216	9114963,6125
25	290801,0206	9114970,0896
26	290803,4336	9114968,5656
27	290804,4496	9114969,3276
28	290812,5777	9114973,2646
29	290811,6887	9114975,5506
30	290814,1017	9114976,9476
31	290821,5947	9114983,6786
32	290833,6597	9114970,2166
33	290832,1357	9114969,8356
34	290846,1057	9114954,8495
35	290854,0344	9114946,4486
36	290857,1757	9114949,9389
37	290860,0165	9114952,2704
38	290871,2632	9114958,6895
39	290895,1636	9114971,5873
40	290910,4848	9114977,8127
41	290915,2641	9114981,3634
42	290919,0741	9114984,5384
43	290932,7825	9114997,2658
44	290940,8657	9114990,3131
45	290924,1498	9114977,0732
46	290895,9738	9114952,7647
47	290936,7907	9114912,4657
48	290950,4961	9114896,8341
49	290953,9251	9114894,8021
50	290951,1311	9114892,1351
51	290951,6391	9114886,0391
52	290955,1951	9114882,9911
53	290952,7821	9114877,1491
54	290952,5281	9114872,3231
55	290953,8939	9114869,0847
56	290928,3981	9114849,3360
57	290908,5860	9114873,4661

58	290914,3011	9114880,0701
59	290904,5220	9114890,6111
60	290906,7075	9114893,0453
61	290869,6805	9114930,0717

TABELA 224 – ZEPH MORRO DA CONCEIÇÃO – SPPI

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289211,8047	9112582,2230
2	289112,5401	9112638,0995
3	288972,9822	9112716,7322
4	289003,7272	9112804,6750
5	289004,9187	9112814,4188
6	289005,1128	9112816,8905
7	289005,3759	9112821,8420
8	289005,4449	9112824,3204
9	289005,4576	9112829,2789
10	289005,3034	9112834,2351
11	289004,9823	9112839,1832
12	289004,4948	9112844,1177
13	289004,1888	9112846,5781
14	289003,8414	9112849,0330
15	289003,4069	9112851,6609
16	289002,2640	9112854,3817
17	289001,3038	9112855,7403
18	288999,8611	9112857,1718
19	288998,3346	9112858,2134
20	288996,1224	9112859,1451
21	288994,6776	9112859,4620
22	288992,4631	9112859,5547
23	288990,1732	9112859,7816
24	288981,0802	9112861,2267
25	288920,0020	9112881,6776
26	288915,0254	9112883,3029
27	288911,5667	9112883,7960
28	288907,6372	9112883,7710
29	288904,6120	9112883,3274
30	288899,2295	9112881,5456
31	288896,9106	9112880,3234
32	288893,3689	9112877,7719
33	288891,1786	9112875,6384
34	288888,7646	9112872,9404
35	288886,5120	9112870,4227
36	288720,1597	9112939,0499
37	288713,5190	9112942,1245
38	288707,5323	9112929,9911
39	288670,7482	9112852,0307
40	288646,5914	9112860,8149
41	288706,8461	9112972,2654
42	288631,3562	9113039,0397
43	288643,0259	9113089,8961
44	288650,5653	9113146,4414
45	288704,2833	9113153,6037
46	288722,3778	9113155,2059
47	288760,1689	9113154,4519
48	288779,6770	9113169,0595
49	288801,5411	9113184,7036
50	288818,3162	9113159,0698
51	288832,0756	9113135,6978
52	288843,3846	9113145,4989
53	288852,0549	9113156,0540
54	288860,7252	9113164,3473
55	288862,6303	9113164,5892
56	288864,4459	9113163,6741
57	288866,0279	9113161,1689
58	288869,1147	9113158,6266
59	288873,0887	9113155,9380
60	288878,0441	9113153,3361
61	288882,5136	9113151,5913
62	288885,5827	9113150,6869
63	288886,6685	9113150,1264
64	288888,6541	9113147,4152
65	288890,9036	9113143,1773
66	288892,0364	9113140,0134
67	288892,6120	9113137,6823
68	288892,8617	9113136,2632

69	288900,6838	9113128,5354
70	288928,5795	9113124,0117
71	288931,9722	9113136,0747
72	288958,9255	9113159,8237
73	288978,1508	9113180,1800
74	289035,0731	9113218,6308
75	289044,1203	9113208,6411
76	289055,2409	9113199,0284
77	289057,6912	9113196,7666
78	289071,2620	9113164,7243
79	289092,9377	9113166,9861
80	289106,8855	9113173,3946
81	289129,5037	9113168,8710
82	289138,1739	9113183,5727
83	289154,3836	9113203,9290
84	289157,7763	9113205,4369
85	289199,6198	9113181,6879
86	289164,5617	9113128,9123
87	289143,8285	9113094,2312
88	289135,9121	9113080,6604
89	289131,3885	9113056,9114
90	289129,5037	9113041,4557
91	289132,1424	9113031,6545
92	289143,8285	9113026,3769
93	289175,4938	9113017,3297
94	289222,9918	9113015,8218
95	289216,9603	9112983,7795
96	289242,2172	9112975,8632
97	289243,7251	9112958,5226
98	289258,8038	9112941,1821
99	289272,3747	9112928,3651
100	289283,6837	9112918,5640
101	289284,4377	9112864,2805
102	289282,9298	9112834,1230
103	289312,3333	9112827,3376
104	289311,8621	9112723,6713
105	289308,4318	9112669,5167
106	289299,7216	9112673,0716
107	289290,8946	9112676,3257
108	289279,8218	9112679,9208
109	289272,9319	9112681,9161
110	289263,8172	9112684,2460
111	289259,2313	9112685,2933
112	289253,2577	9112686,2016
113	289246,4330	9112685,5438
114	289235,7074	9112683,2659
115	289229,2045	9112681,0931
116	289221,6870	9112677,7520
117	289222,4384	9112672,4980
118	289223,1048	9112667,2327
119	289224,1818	9112656,6730
120	289224,5922	9112651,3815
121	289225,1563	9112640,7820
122	289225,3775	9112630,1699
123	289225,2556	9112619,5562
124	289224,5289	9112613,3226
125	289222,6277	9112604,7473
126	289218,7110	9112594,1598
127	289211,8047	9112582,2230
TABELA 225 – ZEPH MORRO DA CONCEIÇÃO – SPM		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289308,4318	9112669,5167
2	289287,9663	9112562,6670
3	289283,8157	9112551,9973
4	289279,4732	9112546,3037
5	289233,4331	9112562,8592
6	289215,8328	9112570,8988
7	289196,0119	9112579,9530
8	289145,2704	9112607,8209
9	289006,2675	9112692,3332
10	288889,5397	9112762,2341
11	288858,8179	9112778,6971
12	288842,0379	9112786,4033
13	288773,0100	9112814,2625

14	288662,2206	9112847,5199
15	288630,1462	9112855,9447
16	288569,5597	9112866,4503
17	288558,4302	9112867,2955
18	288552,7979	9112867,6886
19	288576,9694	9112943,8939
20	288631,1846	9113039,0740
21	288706,8461	9112972,2654
22	288646,5914	9112860,8149
23	288670,7482	9112852,0307
24	288707,5323	9112929,9911
25	288713,5190	9112942,1245
26	288886,5120	9112870,4227
27	288888,7646	9112872,9404
28	288891,1786	9112875,6384
29	288893,8547	9112878,1219
30	288896,9106	9112880,3234
31	288899,2295	9112881,5456
32	288904,6120	9112883,3274
33	288907,6372	9112883,7710
34	288911,5667	9112883,7960
35	288915,0254	9112883,3029
36	288920,0020	9112881,6776
37	288981,0802	9112861,2267
38	288990,1732	9112859,7816
39	288992,4631	9112859,5547
40	288994,6776	9112859,4620
41	288996,1224	9112859,1451
42	288998,3346	9112858,2134
43	288999,8611	9112857,1718
44	289001,3038	9112855,7403
45	289002,2640	9112854,3817
46	289003,4069	9112851,6609
47	289003,8414	9112849,0330
48	289004,1888	9112846,5781
49	289004,4948	9112844,1177
50	289004,9823	9112839,1832
51	289005,3034	9112834,2351
52	289005,4576	9112829,2789
53	289005,4449	9112824,3204
54	289005,3759	9112821,8420
55	289005,1128	9112816,8905
56	289004,9187	9112814,4188
57	289003,7272	9112804,5750
58	288972,9822	9112716,7322
59	289112,5401	9112638,0995
60	289211,8047	9112582,2230
61	289218,7110	9112594,1598
62	289222,6277	9112604,7473
63	289224,5289	9112613,3226
64	289225,2556	9112619,5562
65	289225,3775	9112630,1699
66	289225,1563	9112640,7820
67	289224,5922	9112651,3815
68	289224,1818	9112656,6730
69	289223,1048	9112667,2327
70	289222,4384	9112672,4980
71	289221,6870	9112677,7520
72	289229,2045	9112681,0931
73	289235,7074	9112683,2659
74	289246,4330	9112685,5438
75	289253,2577	9112686,2016
76	289259,2313	9112685,2933
77	289272,9319	9112681,9161
78	289279,8218	9112679,9208
79	289290,8946	9112676,3257
80	289299,7216	9112673,0716
81	289308,4318	9112669,5167

TABELA 226 – ZDS CAPIBARIBE SETOR A		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292129,0442	9104120,8860
2	292129,0414	9104120,8800
3	292128,9086	9104120,9460
4	292129,0442	9104120,8860

5	292129,0442	9104120,8860
6	292129,3407	9104121,5430
7	292129,0799	9104120,8710
8	292129,0442	9104120,8860
9	290206,4954	9106836,3510
10	290198,5524	9106831,5690
11	290205,8513	9106838,1980
12	290206,4954	9106836,3510
13	287167,1101	9113462,7230
14	287212,8302	9113419,5430
15	287223,4352	9113407,6630
16	287227,2015	9113410,5360
17	287377,1859	9113262,9440
18	287400,3062	9113239,8240
19	287409,4597	9113230,6710
20	287408,9668	9113230,2900
21	287406,0055	9113228,0020
22	287412,3979	9113222,2780
23	287409,2579	9113219,8380
24	287399,0978	9113211,0540
25	287389,5147	9113202,9960
26	287385,1278	9113199,3070
27	287379,2926	9113192,8160
28	287378,6911	9113190,9970
29	287378,3298	9113189,1150
30	287378,2329	9113188,0070
31	287378,3298	9113186,8990
32	287378,6177	9113185,8250
33	287378,9727	9113185,0250
34	287379,8304	9113182,2520
35	287382,4652	9113173,7340
36	287382,9346	9113172,3090
37	287383,6121	9113170,2970
38	287386,8300	9113160,9510
39	287386,7770	9113160,5010
40	287386,5407	9113160,2510
41	287378,2328	9113155,9640
42	287365,6221	9113149,3690
43	287365,5226	9113149,3180
44	287356,2302	9113144,9090
45	287345,4588	9113137,9050
46	287339,3197	9113131,5990
47	287333,7387	9113124,0090
48	287331,0072	9113118,1810
49	287324,7617	9113107,3990
50	287316,1115	9113091,2370
51	287315,2059	9113089,6960
52	287312,5718	9113086,3470
53	287310,1538	9113084,1550
54	287297,7015	9113072,8250
55	287281,6772	9113061,4320
56	287278,9986	9113059,5870
57	287278,4879	9113059,2350
58	287265,5099	9113050,2980
59	287232,2457	9113028,3400
60	287231,6124	9113027,9410
61	287225,6389	9113024,7900
62	287224,0751	9113022,4680
63	287222,8911	9113019,9320
64	287222,1158	9113017,2420
65	287221,7680	9113014,4640
66	287221,8561	9113011,6660
67	287232,8912	9112986,4540
68	287237,5368	9112988,1870
69	287278,2325	9112858,1590
70	287274,9442	9112857,2740
71	287261,1157	9112852,5200
72	287219,0835	9112838,0720
73	287216,9030	9112837,3220
74	287217,4192	9112835,5390
75	287218,2739	9112833,5700
76	287220,9170	9112820,9990
77	287221,0975	9112820,0620
78	287221,4177	9112818,6060
79	287221,4461	9112818,5170

80	287223,0151	9112813,5810
81	287225,4103	9112808,7490
82	287228,2241	9112801,3400
83	287230,5388	9112800,2740
84	287235,8052	9112791,8370
85	287240,6931	9112784,6490
86	287249,3188	9112773,0520
87	287259,1061	9112767,4770
88	287267,6967	9112763,1080
89	287268,6627	9112762,6160
90	287269,4634	9112762,2090
91	287273,7804	9112760,0250
92	287280,4834	9112758,1940
93	287288,5615	9112757,6590
94	287288,6496	9112758,0220
95	287290,1695	9112757,6530
96	287296,4043	9112757,6290
97	287307,7716	9112757,5280
98	287320,1549	9112757,3660
99	287332,8417	9112757,1990
100	287344,2272	9112755,0120
101	287352,4167	9112753,8120
102	287352,4690	9112751,2680
103	287353,8128	9112742,2050
104	287353,8524	9112741,9380
105	287355,0836	9112733,6340
106	287357,8843	9112718,1410
107	287357,9383	9112717,8430
108	287359,1849	9112710,9470
109	287360,7737	9112698,5000
110	287361,6770	9112691,4240
111	287362,7888	9112682,7140
112	287365,5842	9112663,7310
113	287369,0655	9112641,4840
114	287370,3323	9112633,1340
115	287372,0022	9112628,5850
116	287374,4207	9112624,3810
117	287378,0485	9112620,9840
118	287397,7815	9112610,1630
119	287408,7498	9112603,5870
120	287410,7742	9112602,3110
121	287414,8197	9112599,2860
122	287415,9867	9112598,3740
123	287420,2665	9112594,2710
124	287423,8453	9112590,7160
125	287428,7971	9112586,6380
126	287429,4805	9112586,0750
127	287429,9280	9112585,7520
128	287430,3728	9112585,4300
129	287431,5316	9112584,6090
130	287439,5396	9112578,0750
131	287443,7176	9112576,1140
132	287446,2944	9112574,6090
133	287450,1861	9112573,1670
134	287453,4697	9112572,6640
135	287453,2847	9112569,7730
136	287453,2847	9112567,0270
137	287453,7072	9112563,0130
138	287454,3409	9112558,7880
139	287455,2914	9112555,6200
140	287460,2553	9112543,1570
141	287464,0575	9112535,0250
142	287467,8597	9112524,9910
143	287471,6619	9112514,2190
144	287473,9854	9112508,5150
145	287477,0569	9112505,2120
146	287479,7761	9112502,1920
147	287483,4909	9112500,0660
148	287489,1941	9112495,9470
149	287493,4188	9112492,0390
150	287499,4389	9112484,9630
151	287502,8833	9112479,1960
152	287504,8253	9112474,2960
153	287506,7264	9112469,0150
154	287508,3106	9112462,8890

155	287509,0499	9112458,1380
156	287508,9443	9112453,0670
157	287509,5940	9112446,4850
158	287505,5944	9112435,3390
159	287496,9395	9112411,4720
160	287493,4644	9112400,5220
161	287491,6941	9112392,5890
162	287490,6450	9112385,9660
163	287490,1127	9112379,5050
164	287492,4039	9112378,6090
165	287488,4213	9112376,5660
166	287487,9779	9112375,7960
167	287486,1709	9112372,6570
168	287483,9346	9112367,2260
169	287483,3800	9112363,5960
170	287483,0953	9112362,9640
171	287482,0293	9112359,7930
172	287481,6092	9112356,0650
173	287481,6517	9112354,8720
174	287481,9244	9112347,2180
175	287481,9071	9112345,8140
176	287508,9801	9112349,1770
177	287512,2034	9112349,2970
178	287515,9752	9112348,6790
179	287518,0477	9112347,9620
180	287518,8462	9112342,2050
181	287519,2731	9112338,8580
182	287520,7182	9112334,8640
183	287524,2487	9112326,8680
184	287527,9719	9112320,0990
185	287528,3499	9112319,5060
186	287533,2905	9112312,5670
187	287535,3509	9112310,1200
188	287537,1409	9112307,9940
189	287538,9619	9112305,9050
190	287546,9685	9112296,5600
191	287554,7960	9112286,7710
192	287557,1033	9112283,8850
193	287561,3735	9112277,6170
194	287569,1067	9112266,2650
195	287571,9511	9112262,0900
196	287575,3891	9112257,3920
197	287576,1093	9112256,4090
198	287582,3051	9112247,9430
199	287583,9972	9112245,6310
200	287593,5703	9112232,5120
201	287594,2360	9112231,5990
202	287594,2984	9112230,0640
203	287594,8232	9112229,3440
204	287596,0410	9112227,6610
205	287611,5732	9112206,1400
206	287614,8074	9112201,6590
207	287645,5038	9112158,0430
208	287646,2627	9112158,4410
209	287647,8838	9112156,1650
210	287635,2820	9112149,5710
211	287631,4476	9112147,5650
212	287625,5218	9112143,2220
213	287622,5598	9112141,0520
214	287615,3071	9112133,3880
215	287610,9558	9112126,6710
216	287619,2944	9112123,3520
217	287626,9472	9112119,4070
218	287631,4835	9112116,6060
219	287639,6454	9112110,7010
220	287646,7015	9112105,5950
221	287650,7055	9112102,6980
222	287656,1502	9112098,7580
223	287657,1958	9112098,0010
224	287667,3664	9112089,8360
225	287680,5531	9112078,2160
226	287689,8297	9112069,3630
227	287693,6331	9112065,2400
228	287697,7812	9112059,6680
229	287701,2545	9112053,6530

230	287704,0059	9112047,2740
231	287705,4930	9112042,5990
232	287735,9950	9111977,5430
233	287740,2942	9111969,5500
234	287744,9256	9111962,7570
235	287750,2102	9111956,4590
236	287752,2973	9111952,9560
237	287754,7389	9111949,9720
238	287759,3507	9111944,9530
239	287848,3141	9111846,6410
240	287873,3371	9111818,3880
241	287882,7917	9111807,1160
242	287895,3648	9111793,2540
243	287897,4130	9111791,1060
244	287903,6031	9111784,7910
245	287911,5460	9111773,3970
246	287912,1076	9111772,5920
247	287928,0839	9111749,7100
248	287936,6107	9111737,5480
249	287972,7852	9111685,9490
250	287988,0228	9111664,0030
251	288002,3194	9111643,4120
252	288022,2275	9111614,7390
253	288084,9881	9111626,5650
254	288118,9056	9111479,4140
255	288174,1775	9111458,8630
256	288195,3655	9111448,7810
257	288208,7055	9111441,5920
258	288227,1304	9111430,7510
259	288242,3884	9111420,7060
260	288259,9676	9111407,8300
261	288268,9064	9111400,1820
262	288285,0973	9111383,1300
263	288340,2302	9111304,5930
264	288404,4445	9111213,8250
265	288391,0808	9111178,1190
266	288400,1943	9111165,8520
267	288407,2729	9111154,1680
268	288480,0775	9111067,8590
269	288488,9518	9111058,3600
270	288494,4642	9111052,7610
271	288502,6534	9111045,4230
272	288511,3564	9111038,7030
273	288520,5267	9111032,6360
274	288530,1155	9111027,2540
275	288540,0714	9111022,5870
276	288550,3415	9111018,6590
277	288560,8709	9111015,4910
278	288571,6035	9111013,1010
279	288582,4820	9111011,5000
280	288593,4482	9111010,6970
281	288598,5944	9111010,5970
282	288608,6051	9111010,8410
283	288635,6058	9111011,5010
284	288670,2938	9111012,3490
285	288743,0943	9111017,5430
286	288750,1769	9111018,1540
287	288827,3349	9111024,8150
288	288830,4214	9111025,1110
289	288841,9408	9111026,7300
290	288853,3192	9111029,1480
291	288864,5011	9111032,3550
292	288875,4322	9111036,3330
293	288882,4552	9111039,3600
294	288930,2955	9111053,9050
295	288936,8973	9111056,1830
296	288944,8253	9111059,6840
297	288952,3963	9111063,9010
298	288956,0136	9111066,2580
299	288959,5460	9111068,7990
300	288966,2133	9111074,3350
301	288970,3911	9111078,3820
302	289008,1135	9111116,5730
303	289032,7997	9111114,5660
304	289046,7762	9111155,7170

305	289062,4409	9111171,2700
306	289065,9885	9111174,7100
307	289072,9615	9111168,4530
308	289077,8950	9111164,2770
309	289080,7667	9111168,4530
310	289110,6647	9111163,8230
311	289147,3501	9111157,2520
312	289154,9825	9111155,8850
313	289226,4202	9111143,0530
314	289308,0443	9111127,8390
315	289354,6328	9111119,0010
316	289423,7664	9111104,3710
317	289440,2300	9111110,0750
318	289441,0476	9111120,3100
319	289442,6736	9111127,8280
320	289444,8409	9111134,4860
321	289452,5629	9111146,5140
322	289463,4624	9111162,1960
323	289473,1571	9111174,9680
324	289487,4947	9111192,4850
325	289504,1945	9111213,2330
326	289517,3282	9111229,5500
327	289532,2209	9111246,2990
328	289550,5472	9111266,9090
329	289593,5961	9111315,3220
330	289653,7323	9111386,8520
331	289658,7603	9111394,1460
332	289665,9466	9111388,1840
333	289693,3869	9111367,0120
334	289704,3276	9111360,2080
335	289715,7100	9111351,9910
336	289790,2496	9111295,3840
337	289830,6281	9111266,9090
338	289836,0467	9111263,0870
339	289847,1515	9111251,0680
340	289878,8216	9111282,2730
341	289888,1536	9111291,7280
342	289898,2343	9111301,6620
343	289915,9836	9111319,1530
344	289948,9362	9111356,5970
345	289952,5147	9111361,9450
346	289954,0828	9111364,7600
347	289954,8468	9111366,5690
348	289956,0531	9111369,6650
349	289957,0181	9111372,4800
350	289958,9548	9111380,4220
351	289959,2330	9111385,6490
352	289957,7287	9111411,9460
353	289957,4099	9111420,2050
354	289958,8998	9111427,2590
355	289960,9456	9111432,1980
356	289962,8820	9111435,5200
357	289964,1741	9111437,4380
358	289967,5102	9111441,3440
359	289970,5066	9111443,9940
360	289973,8917	9111445,4810
361	289978,1343	9111446,5100
362	289982,4951	9111446,7180
363	289986,0451	9111446,1380
364	289989,6116	9111444,7170
365	289992,7891	9111442,5630
366	289995,0078	9111440,3080
367	290053,7143	9111354,9970
368	290059,1462	9111347,1600
369	290066,3042	9111336,8310
370	290077,8130	9111324,3770
371	290106,3095	9111293,5380
372	290145,9289	9111245,9580
373	290147,4854	9111244,0880
374	290206,4941	9111173,2220
375	290260,8305	9111107,0150
376	290293,8648	9111066,7500
377	290293,4418	9111066,3430
378	290294,1032	9111065,5250
379	290294,5510	9111065,8790

380	290296,7835	9111063,1870
381	290300,8093	9111058,2710
382	290302,3485	9111056,4740
383	290350,4696	9111000,2800
384	290354,4997	9110995,2040
385	290366,5568	9110980,0180
386	290399,4306	9110939,4930
387	290405,0917	9110932,7910
388	290407,9301	9110929,4300
389	290400,7466	9110924,7860
390	290363,1333	9110905,6200
391	290361,7515	9110904,9160
392	290332,2208	9110889,8680
393	290238,1545	9110841,9350
394	290161,8818	9110803,0690
395	290181,4389	9110777,7510
396	290188,9221	9110767,8700
397	290201,1289	9110752,8380
398	290205,8623	9110747,3360
399	290214,7631	9110722,8550
400	290221,2297	9110704,9860
401	290223,9098	9110695,1910
402	290227,8817	9110680,9150
403	290232,2287	9110667,2770
404	290237,3335	9110653,9040
405	290243,1800	9110640,8380
406	290249,7501	9110628,1210
407	290257,0228	9110615,7910
408	290264,9754	9110603,8900
409	290274,6433	9110591,1320
410	290285,3227	9110580,8310
411	290292,5428	9110572,7200
412	290305,7485	9110556,4930
413	290314,1800	9110545,6990
414	290319,0455	9110537,8520
415	290325,3786	9110522,8280
416	290327,1309	9110516,1640
417	290328,4908	9110512,0050
418	290329,9590	9110507,5160
419	290330,6853	9110504,9000
420	290333,1125	9110496,1600
421	290349,4204	9110423,4980
422	290363,3265	9110361,5380
423	290364,2909	9110357,5830
424	290364,7120	9110353,0390
425	290364,6804	9110351,6000
426	290364,3734	9110345,2510
427	290368,6836	9110314,2710
428	290370,3271	9110298,9460
429	290371,9571	9110283,7470
430	290372,0568	9110282,8170
431	290372,9738	9110274,2660
432	290373,6746	9110267,7310
433	290374,3845	9110261,1110
434	290374,9951	9110255,4180
435	290375,3680	9110251,9410
436	290376,0875	9110245,2310
437	290376,4985	9110241,3990
438	290377,4218	9110233,4910
439	290378,4764	9110222,9560
440	290379,4991	9110212,7380
441	290380,1265	9110206,4700
442	290383,0622	9110182,6990
443	290383,6017	9110179,1710
444	290387,0691	9110156,5000
445	290388,5959	9110147,7140
446	290390,6163	9110140,2870
447	290393,7536	9110131,5370
448	290398,3221	9110125,0030
449	290403,5080	9110116,0080
450	290407,7413	9110109,2340
451	290413,5621	9110101,4030
452	290423,2988	9110090,6070
453	290444,1480	9110074,2030
454	290449,7147	9110070,2840

455	290468,3252	9110057,1840
456	290525,1971	9110017,3650
457	290506,2469	9109973,7120
458	290493,0008	9109947,8730
459	290489,5083	9109938,2420
460	290485,3769	9109928,4900
461	290476,5966	9109907,7620
462	290473,5274	9109901,0950
463	290472,6472	9109899,0950
464	290472,6893	9109895,7150
465	290463,7343	9109870,1010
466	290457,8917	9109849,8010
467	290452,8766	9109833,2590
468	290445,2094	9109804,8570
469	290435,5546	9109765,7220
470	290432,0056	9109750,7840
471	290424,9720	9109723,7840
472	290422,8907	9109716,3000
473	290420,5052	9109705,2050
474	290419,0324	9109695,1010
475	290418,9483	9109692,8050
476	290417,7489	9109672,2120
477	290416,9923	9109663,4220
478	290413,8433	9109597,9860
479	290392,2898	9109600,3150
480	290391,2528	9109593,0410
481	290377,8083	9109498,7270
482	290375,4204	9109479,6160
483	290359,8030	9109377,0540
484	290359,3563	9109374,2700
485	290359,5592	9109364,2250
486	290360,8278	9109357,7380
487	290369,3717	9109328,3590
488	290369,8425	9109326,6420
489	290375,0004	9109307,8290
490	290384,8468	9109271,9160
491	290389,3601	9109255,4550
492	290395,1513	9109234,8920
493	290416,3951	9109236,6930
494	290425,7334	9109207,9430
495	290427,1178	9109204,0510
496	290429,1224	9109201,1470
497	290441,3137	9109189,7420
498	290445,6238	9109185,7430
499	290486,9569	9109146,1650
500	290527,2354	9109106,8720
501	290530,1653	9109104,5150
502	290533,8520	9109102,5450
503	290537,1858	9109101,4750
504	290604,2568	9109104,6560
505	290650,8550	9109107,2550
506	290671,9182	9109108,7150
507	290679,2879	9109110,1550
508	290684,4588	9109111,6840
509	290749,9249	9109032,3770
510	290782,7093	9109032,3850
511	290784,2882	9109032,3850
512	290810,2438	9109032,3910
513	290825,4034	9109032,0840
514	290823,1490	9109010,4970
515	290821,9277	9108952,9770
516	290821,7650	9108945,3160
517	290823,5747	9108898,9900
518	290825,0365	9108861,5700
519	290825,0731	9108860,6330
520	290825,7181	9108822,8940
521	290826,2937	9108789,2100
522	290828,0093	9108714,2980
523	290828,8001	9108702,2750
524	290831,4412	9108662,1230
525	290837,0667	9108609,6260
526	290843,2194	9108552,2090
527	290853,7721	9108464,0860
528	290861,1754	9108392,5190
529	290863,3401	9108371,5930

530	290865,4217	9108348,4340
531	290867,8868	9108321,0070
532	290870,9493	9108286,9330
533	290872,1158	9108275,8370
534	290885,9096	9108144,6300
535	290892,0410	9108077,5980
536	290893,2291	9108068,8750
537	290895,2203	9108060,1510
538	290897,9856	9108051,6400
539	290901,3762	9108043,6750
540	290910,5710	9108021,5650
541	290925,6628	9107985,2750
542	290928,8606	9107964,8680
543	290931,3374	9107946,9250
544	290932,5860	9107937,8800
545	290934,0719	9107927,1160
546	290938,6663	9107893,8320
547	290943,6328	9107851,8770
548	290943,7869	9107850,5750
549	290944,8003	9107842,0130
550	290944,9941	9107840,3760
551	290950,1965	9107796,4270
552	290953,5826	9107773,3930
553	290959,8419	9107730,8130
554	290954,6116	9107730,9760
555	290954,7272	9107730,1670
556	290926,0547	9107727,1760
557	290866,2068	9107716,4340
558	290811,4741	9107706,7150
559	290752,1377	9107707,7380
560	290700,9856	9107727,1760
561	290654,4372	9107756,8440
562	290611,4695	9107799,3010
563	290548,6741	9107931,0590
564	290519,0407	9108160,7180
565	290540,5925	9108337,5920
566	290540,8648	9108339,8260
567	290549,7324	9108412,6020
568	290560,3158	9108536,4270
569	290540,2074	9108649,6690
570	290497,8740	9108761,8520
571	290416,3822	9108858,1610
572	290309,4903	9108942,8280
573	290236,4651	9109049,7200
574	290179,3150	9109227,5200
575	290135,9233	9109424,3700
576	290129,5733	9109584,1790
577	290140,9680	9109642,7360
578	290141,0560	9109643,1880
579	290167,6733	9109779,9710
580	290224,8234	9109988,4630
581	290226,9401	9110119,6970
582	290207,8901	9110219,1800
583	290178,2567	9110283,7390
584	290138,0399	9110345,1220
585	290099,9399	9110409,6810
586	290078,7732	9110522,9230
587	290083,0065	9110606,5310
588	290071,3648	9110732,4730
589	290053,3731	9110836,1900
590	290041,1491	9110858,7780
591	290040,9198	9110859,2010
592	290004,6897	9110926,1480
593	289942,2479	9110997,0570
594	289878,7478	9111048,9150
595	289786,6726	9111095,4820
596	289690,3640	9111093,3650
597	289599,3472	9111057,3820
598	289472,3469	9110957,8980
599	289337,9383	9110809,7310
600	289224,6964	9110642,5140
601	289073,3545	9110478,4720
602	288877,5624	9110411,7970
603	288693,4120	9110434,0220
604	288547,3618	9110477,4140

605	288374,8531	9110571,6060
606	288203,4027	9110683,7900
607	288043,5941	9110752,5810
608	287927,1772	9110779,0400
609	287797,0019	9110846,7730
610	287741,9685	9110910,2730
611	287700,6934	9111016,1070
612	287694,3434	9111178,0320
613	287688,0091	9111307,8850
614	287687,9934	9111308,2070
615	287670,0017	9111416,1580
616	287610,7349	9111547,3910
617	287520,7764	9111707,2000
618	287458,1582	9111778,0030
619	287381,9580	9111884,3650
620	287317,3996	9111949,9820
621	287253,8994	9112012,9530
622	287207,8619	9112060,0490
623	287184,5785	9112113,4950
624	287141,7159	9112164,8240
625	287043,2907	9112220,9160
626	286935,3405	9112244,7290
627	286829,5069	9112240,4950
628	286694,0400	9112223,0330
629	286569,1564	9112196,0450
630	286441,0978	9112170,6450
631	286240,0141	9112163,7660
632	286092,3763	9112175,9370
633	286018,2928	9112174,3490
634	285938,3885	9112179,6410
635	285853,8032	9112162,4720
636	285961,8437	9112609,1580
637	285947,0271	9112614,1850
638	285942,2645	9112618,6830
639	285938,5604	9112620,2710
640	285932,4749	9112622,3870
641	285927,1833	9112626,0920
642	285908,3978	9112638,7920
643	285899,6665	9112644,6120
644	285895,1391	9112646,3030
645	285888,1018	9112648,9310
646	285888,3385	9112654,6310
647	285892,9752	9112756,5600
648	285895,6019	9112802,1380
649	285901,2480	9112914,8650
650	285901,7300	9112918,6000
651	285905,0170	9112941,1450
652	285905,6278	9112945,3350
653	285905,7168	9112945,9450
654	285910,4935	9112973,1630
655	285911,1838	9112976,7500
656	285924,7926	9113046,7440
657	285927,4898	9113055,9990
658	285933,8422	9113075,6800
659	285937,4091	9113085,7070
660	285940,9576	9113095,0980
661	285946,3596	9113108,4550
662	285946,8842	9113109,6940
663	285953,1118	9113123,2870
664	285955,3627	9113127,5750
665	285960,0601	9113136,5250
666	285961,5944	9113139,2320
667	285983,4530	9113177,2900
668	286008,6965	9113217,1760
669	286047,7769	9113276,0830
670	286074,9974	9113314,0160
671	286079,0042	9113319,6960
672	286080,9828	9113322,5010
673	286079,5897	9113325,1880
674	286131,4826	9113401,2980
675	286154,5900	9113435,1890
676	286157,5012	9113433,4520
677	286157,7358	9113433,8260
678	286166,1831	9113447,2620
679	286211,2250	9113515,4350

680	286244,4280	9113567,6290
681	286277,5470	9113625,2130
682	286308,0985	9113693,9500
683	286330,2973	9113737,3170
684	286337,5745	9113751,5340
685	286379,0314	9113837,0980
686	286415,3262	9113911,0160
687	286415,8626	9113912,1090
688	286439,0460	9113964,0660
689	286440,1465	9113967,4030
690	286446,8492	9113989,1970
691	286452,7830	9114011,2130
692	286457,9405	9114033,4240
693	286459,2512	9114039,7070
694	286459,8227	9114042,6210
695	286461,8513	9114055,5590
696	286463,0716	9114068,5990
697	286463,4789	9114081,6890
698	286463,0716	9114094,7790
699	286462,2319	9114104,5710
700	286457,2544	9114150,1020
701	286456,6960	9114156,1420
702	286453,2401	9114193,5240
703	286452,4325	9114202,2600
704	286448,9783	9114239,6240
705	286444,7048	9114280,9670
706	286441,6921	9114310,1140
707	286437,0492	9114321,9630
708	286434,2994	9114382,0350
709	286433,5476	9114390,2560
710	286431,0877	9114417,1580
711	286425,6777	9114464,1310
712	286423,7820	9114480,5910
713	286417,1582	9114547,4400
714	286410,8434	9114604,8640
715	286406,0062	9114635,5260
716	286413,2941	9114635,5260
717	286413,2941	9114620,4130
718	286417,5871	9114616,3060
719	286432,1377	9114586,4440
720	286435,1790	9114562,6330
721	286441,9712	9114501,4240
722	286442,6341	9114494,7960
723	286444,1419	9114479,7180
724	286444,2784	9114478,3530
725	286445,9770	9114461,3670
726	286447,6308	9114444,8290
727	286449,2586	9114432,9750
728	286449,8287	9114428,8240
729	286451,5723	9114416,3290
730	286454,2378	9114397,2290
731	286461,0587	9114372,6500
732	286463,9024	9114363,5420
733	286472,2863	9114336,6870
734	286483,2073	9114307,3500
735	286484,9766	9114303,4260
736	286487,4440	9114299,6110
737	286492,8439	9114289,9690
738	286504,3434	9114269,4340
739	286511,2893	9114257,0310
740	286512,8918	9114254,1690
741	286514,6130	9114251,0950
742	286517,4353	9114246,0560
743	286521,6116	9114240,0390
744	286532,4056	9114224,2380
745	286532,5740	9114223,9920
746	286536,9224	9114218,3480
747	286538,7874	9114215,9280
748	286559,9268	9114188,4950
749	286577,1044	9114166,2030
750	286584,5855	9114157,7080
751	286601,0782	9114140,1720
752	286616,1102	9114124,1890
753	286643,8080	9114094,1830
754	286673,3091	9114063,7120

755	286700,7405	9114035,8590
756	286713,2600	9114022,6250
757	286726,4957	9114008,6340
758	286740,6373	9113993,6850
759	286755,8492	9113976,9800
760	286769,2873	9113962,2230
761	286785,9423	9113944,5720
762	286796,8822	9113936,1790
763	286797,8233	9113935,4560
764	286800,4924	9113934,2340
765	286796,8772	9113932,4870
766	286853,5348	9113896,1910
767	286917,9087	9113869,4510
768	286917,7490	9113869,3390
769	286917,7456	9113869,3360
770	286913,4514	9113866,3210
771	286914,2226	9113866,1190
772	286949,2455	9113856,9650
773	286998,5130	9113843,4640
774	287003,6699	9113841,9160
775	287007,3835	9113840,8020
776	287039,7943	9113831,0760
777	287056,6013	9113823,9960
778	287058,5100	9113823,1450
779	287064,1011	9113820,0720
780	287069,2628	9113816,3220
781	287073,9138	9113811,9540
782	287077,9907	9113807,0380
783	287078,0404	9113806,9560
784	287078,6810	9113806,0490
785	287084,8217	9113796,7330
786	287092,1371	9113784,3310
787	287098,0206	9113773,0320
788	287098,3056	9113772,4370
789	287100,3405	9113767,1170
790	287101,5790	9113761,5570
791	287101,9948	9113755,8760
792	287101,9887	9113755,1830
793	287105,1195	9113713,8570
794	287110,1683	9113655,6980
795	287114,1008	9113603,7990
796	287118,0695	9113563,4500
797	287119,7232	9113551,8740
798	287123,9300	9113535,5360
799	287132,6084	9113511,8300
800	287143,1918	9113493,8380
801	287151,8701	9113481,1380
802	287167,1101	9113462,7230

25	289957,7287	9111411,9460
26	289959,2330	9111385,6490
27	289958,9548	9111380,4220
28	289957,0181	9111372,4800
29	289956,0531	9111369,6650
30	289954,8468	9111366,5690
31	289954,0828	9111364,7600
32	289952,5147	9111361,9450
33	289948,9362	9111356,5970
34	289915,9836	9111319,1530
35	289898,2343	9111301,6620
36	289888,1536	9111291,7280
37	289878,8216	9111282,2730
38	289847,1515	9111251,0680
39	289836,0467	9111263,0870
40	289830,6281	9111266,9090
41	289790,2496	9111295,3840
42	289715,7100	9111351,9910
43	289704,3276	9111360,2080
44	289693,3869	9111367,0120
45	289665,9466	9111388,1840
46	289658,7603	9111394,1460
47	289653,7323	9111386,8520
48	289593,5961	9111315,3220
49	289550,5472	9111266,9090
50	289532,2209	9111246,2990
51	289517,3282	9111229,5500
52	289504,1945	9111213,2330
53	289487,4947	9111192,4850
54	289473,1571	9111174,9680
55	289463,4624	9111162,1960
56	289452,5629	9111146,5140
57	289444,8409	9111134,4860
58	289442,6736	9111127,8280
59	289441,0476	9111120,3100
60	289440,2300	9111110,0750
61	289423,7664	9111104,3710
62	289354,6328	9111119,0010
63	289308,0443	9111127,8390
64	289226,4202	9111143,0530
65	289154,9825	9111155,8850
66	289147,3501	9111157,2520
67	289110,6647	9111163,8230
68	289080,7667	9111168,4530
69	289077,8950	9111164,2770
70	289072,9615	9111168,4530
71	289065,9885	9111174,7100
72	289062,4409	9111171,2700
73	289046,7762	9111155,7170
74	289032,7997	9111141,5660
75	289008,1135	9111116,5730
76	288970,3911	9111078,3820
77	288966,2133	9111074,3350
78	288959,5460	9111068,7990
79	288956,0136	9111066,2580
80	288952,3963	9111063,9010
81	288944,8253	9111059,6840
82	288936,8973	9111056,1830
83	288930,2955	9111053,9050
84	288882,4552	9111039,3600
85	288875,4322	9111036,3330
86	288864,5011	9111032,3550
87	288853,3192	9111029,1480
88	288841,9408	9111026,7300
89	288830,4214	9111025,1110
90	288827,3349	9111024,8150
91	288750,1769	9111018,1540
92	288743,0943	9111017,5430
93	288670,2938	9111012,3490
94	288635,6058	9111011,5010
95	288608,6051	9111010,8410
96	288598,5944	9111010,5970
97	288593,4482	9111010,6970
98	288582,4820	9111011,5000
99	288571,6035	9111013,1010

TABELA 227 – ZDS CAPIBARIBE SETOR B – POLIGONO 01

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290293,8648	9111066,7500
2	290260,8305	9111107,0150
3	290206,4941	9111173,2220
4	290147,4854	9111244,0880
5	290145,9289	9111245,9580
6	290106,3095	9111293,5380
7	290077,8130	9111324,3770
8	290066,3042	9111336,8310
9	290059,1462	9111347,1600
10	290053,7143	9111354,9970
11	289995,0078	9111440,3080
12	289992,7891	9111442,5630
13	289989,6116	9111444,7170
14	289986,0451	9111446,1380
15	289982,4951	9111446,7180
16	289978,1343	9111446,5100
17	289973,8917	9111445,4810
18	289970,5066	9111443,9940
19	289967,5102	9111441,3440
20	289964,1741	9111437,4380
21	289962,8820	9111435,5200
22	289960,9456	9111432,1980
23	289958,8998	9111427,2590
24	289957,4099	9111420,2050

100	288560,8709	9111015,4910
101	288550,3415	9111018,6590
102	288540,0714	9111022,5870
103	288530,1155	9111027,2540
104	288520,6267	9111032,6360
105	288511,3564	9111038,7030
106	288502,6534	9111045,4230
107	288494,4642	9111052,7610
108	288488,9518	9111058,3600
109	288480,0775	9111067,8590
110	288407,2729	9111154,1680
111	288400,1943	9111165,8520
112	288391,0808	9111178,1190
113	288404,4445	9111213,8250
114	288340,2302	9111304,5930
115	288285,0973	9111383,1300
116	288268,9064	9111400,1820
117	288259,9676	9111407,8300
118	288242,3884	9111420,7060
119	288227,1304	9111430,7510
120	288208,7055	9111441,5920
121	288195,3655	9111448,7810
122	288174,1775	9111458,8630
123	288118,9056	9111479,4140
124	288084,9881	9111526,5650
125	288022,2275	9111614,7390
126	288002,3194	9111643,4120
127	287988,0228	9111664,0030
128	287972,7852	9111685,9490
129	287936,6107	9111737,5480
130	287928,0839	9111749,7100
131	287912,1076	9111772,5920
132	287911,5460	9111773,3970
133	287903,6031	9111784,7910
134	287897,4130	9111791,1060
135	287895,3648	9111793,2540
136	287882,7917	9111807,1160
137	287873,3371	9111818,3880
138	287848,3141	9111846,6410
139	287759,3507	9111944,9530
140	287754,7389	9111949,9720
141	287752,2973	9111952,9560
142	287750,2102	9111956,4590
143	287744,9256	9111962,7570
144	287740,2942	9111969,5500
145	287735,9950	9111977,5430
146	287705,4930	9112042,5990
147	287704,0059	9112047,2740
148	287701,2545	9112053,6530
149	287697,7812	9112059,6680
150	287693,6331	9112065,2400
151	287689,8297	9112069,3630
152	287680,5531	9112078,2160
153	287667,3664	9112089,8360
154	287657,1958	9112098,0010
155	287656,1502	9112098,7580
156	287650,7055	9112102,6980
157	287646,7015	9112105,5950
158	287639,6454	9112110,7010
159	287631,4835	9112116,6060
160	287626,9472	9112119,4070
161	287619,2944	9112123,3520
162	287610,9558	9112126,6710
163	287615,3071	9112133,3880
164	287622,5598	9112141,0520
165	287625,5218	9112143,2220
166	287631,4476	9112147,5650
167	287635,2820	9112149,5710
168	287647,8838	9112156,1650
169	287646,2627	9112158,4410
170	287648,1171	9112159,4150
171	287652,8769	9112161,2490
172	287671,3572	9112170,6050
173	287684,8630	9112174,1670
174	287696,6637	9112175,5090

175	287716,7808	9112171,2180
176	287746,1183	9112164,2170
177	287752,9205	9112162,5940
178	287761,6081	9112160,5200
179	287764,1815	9112160,0320
180	287767,7870	9112159,9310
181	287770,0267	9112159,4470
182	287786,1825	9112158,4370
183	287810,5891	9112156,9120
184	287827,7713	9112156,0800
185	287880,2777	9112152,7030
186	287888,1532	9112151,9410
187	287889,1806	9112151,8410
188	287894,3115	9112150,1870
189	287901,5848	9112148,1500
190	287915,5321	9112142,2490
191	287929,4812	9112133,8660
192	287950,9382	9112116,7690
193	287980,1076	9112094,7710
194	287983,6607	9112092,0910
195	287983,0915	9112091,2720
196	287983,5607	9112090,9470
197	287982,0928	9112089,0620
198	287980,0767	9112086,4730
199	287977,1072	9112082,6590
200	287976,7662	9112082,1680
201	287966,9264	9112066,4900
202	287962,5877	9112059,9820
203	287961,5670	9112057,9650
204	287959,2284	9112050,5250
205	287953,8596	9112033,4450
206	287952,5593	9112029,3080
207	288002,4185	9112014,0960
208	288116,7121	9111975,9980
209	288118,6336	9111975,3570
210	288126,8058	9111973,2100
211	288177,9959	9111957,2110
212	288238,1910	9111937,1960
213	288454,5263	9111868,7470
214	288506,9773	9111851,8710
215	288551,7075	9111837,4790
216	288686,0722	9111794,3800
217	288902,5689	9111728,5340
218	288915,5830	9111721,5270
219	288949,3069	9111821,4040
220	288956,5772	9111842,9350
221	288957,5187	9111845,7240
222	288960,5676	9111854,7530
223	288964,1978	9111865,9110
224	288966,4077	9111872,7040
225	288984,7220	9111923,3530
226	288998,4782	9111961,3970
227	289011,0505	9111996,1670
228	289014,9264	9112006,8860
229	289016,3705	9112013,4470
230	289016,4077	9112013,4470
231	289016,4077	9112013,6160
232	289016,8829	9112015,7740
233	289018,1747	9112021,6430
234	289020,3795	9112028,0830
235	289021,0939	9112030,1700
236	289023,1298	9112036,1160
237	289023,9970	9112038,6490
238	289028,3042	9112051,2290
239	289031,5862	9112060,8150
240	289036,0658	9112073,8980
241	289038,6530	9112081,4540
242	289039,1755	9112082,9800
243	289040,2527	9112086,1270
244	289041,2402	9112089,0110
245	289043,3761	9112095,2490
246	289046,2033	9112103,5070
247	289046,7647	9112105,1460
248	289049,0018	9112111,6800
249	289050,9941	9112117,4990

250	289053,2305	9112124,0310
251	289054,3271	9112127,2340
252	289056,4283	9112133,3710
253	289059,5487	9112142,4840
254	289060,9592	9112146,5950
255	289061,9432	9112149,4620
256	289061,9432	9112149,4780
257	289064,5250	9112157,0190
258	289065,3456	9112159,4150
259	289069,5325	9112170,6820
260	289069,7062	9112171,1500
261	289070,7645	9112171,1500
262	289076,3503	9112186,1800
263	289091,9552	9112230,6190
264	289101,9340	9112259,0350
265	289106,4498	9112271,8950
266	289113,8065	9112293,7660
267	289118,5966	9112308,0060
268	289118,7314	9112308,4070
269	289131,9471	9112347,5520
270	289135,9547	9112359,4230
271	289142,9918	9112380,2670
272	289247,5244	9112347,3510
273	289295,1464	9112332,3560
274	289295,7765	9112332,1590
275	289308,6805	9112328,5610
276	289308,9447	9112328,4960
277	289308,9074	9112328,2780
278	289317,7874	9112326,3770
279	289320,7198	9112325,7500
280	289322,8090	9112325,3770
281	289422,9445	9112308,3180
282	289429,6103	9112307,1380
283	289473,4666	9112299,3740
284	289484,2677	9112297,4620
285	289546,4782	9112286,6550
286	289547,1564	9112286,7210
287	289565,1093	9112288,4690
288	289566,1472	9112293,6200
289	289575,3501	9112344,4570
290	289575,3945	9112344,7030
291	289592,9473	9112445,9560
292	289595,7352	9112462,0380
293	289595,9418	9112461,9800
294	289674,2136	9112440,0230
295	289672,8889	9112426,3840
296	289664,2369	9112337,3020
297	289712,9250	9112333,6560
298	289720,8953	9112332,8400
299	289731,6578	9112331,7390
300	289733,0863	9112331,5920
301	289757,8039	9112329,2850
302	289766,5195	9112328,8710
303	289857,4866	9112320,2570
304	289866,1600	9112360,8080
305	289870,1297	9112376,1030
306	289871,2656	9112379,7100
307	289877,6196	9112376,8660
308	289899,8702	9112366,3420
309	289921,7646	9112355,0960
310	289943,2793	9112343,1400
311	289964,3913	9112330,4860
312	289980,8603	9112319,9450
313	289981,7778	9112319,3870
314	289987,3769	9112315,8400
315	290001,0609	9112307,1690
316	290019,9007	9112294,2780
317	290035,1270	9112283,1220
318	290046,5121	9112275,3180
319	290095,1554	9112241,9760
320	290094,8803	9112241,4400
321	290094,0971	9112241,9760
322	290045,4538	9112275,3180
323	290038,7926	9112262,8090
324	290028,7186	9112243,8900

325	290028,2323	9112244,1610
326	290022,0663	9112247,0980
327	290015,5963	9112249,2850
328	290008,9129	9112250,6920
329	290006,8890	9112250,9580
330	289972,4187	9112254,8620
331	289922,7074	9112260,4920
332	289914,0015	9112261,6260
333	289909,5361	9112262,2080
334	289873,9933	9112266,7510
335	289848,1604	9112270,0530
336	289844,3276	9112251,7940
337	289841,0873	9112236,3580
338	289836,7365	9112215,0710
339	289831,3490	9112287,5960
340	289825,6604	9112158,2240
341	289824,6781	9112153,4160
342	289816,5771	9112154,8750
343	289793,1615	9112158,6220
344	289731,0636	9112178,2520
345	289723,4002	9112169,8720
346	289716,3189	9112171,3680
347	289684,2620	9112176,1430
348	289670,7709	9112178,1530
349	289658,4991	9112182,7700
350	289655,0970	9112173,5970
351	289654,9181	9112172,1310
352	289648,4144	9112118,8600
353	289640,2129	9112058,5940
354	289634,1932	9112041,4440
355	289633,2221	9112038,6050
356	289619,1544	9112002,8140
357	289618,4932	9112001,3240
358	289609,4986	9112004,8520
359	289549,3976	9112027,5650
360	289512,7217	9112041,4250
361	289510,8408	9112042,0820
362	289495,1496	9112047,1090
363	289494,7176	9112047,2370
364	289478,3670	9112051,6170
365	289463,1396	9112056,5880
366	289462,4467	9112054,2690
367	289456,0663	9112055,7830
368	289439,3411	9112013,9380
369	289428,3336	9111986,3970
370	289410,6755	9111941,3190
371	289405,9836	9111927,4100
372	289403,6174	9111923,6230
373	289403,5990	9111923,5790
374	289401,6854	9111919,7240
375	289398,2132	9111911,0370
376	289399,0758	9111910,5470
377	289478,1107	9111865,6600
378	289485,0151	9111861,6810
379	289509,2658	9111847,7050
380	289547,7131	9111825,6990
381	289556,1684	9111820,6130
382	289567,3816	9111813,0610
383	289578,1276	9111804,8570
384	289581,8639	9111801,7590
385	289629,6283	9111756,9870
386	289653,0058	9111778,2350
387	289652,9420	9111778,9150
388	289660,7287	9111786,4440
389	289666,1710	9111791,5170
390	289676,7928	9111800,5760
391	289687,9189	9111809,0070
392	289699,5122	9111816,7840
393	289710,5648	9111823,3420
394	289711,3404	9111823,7750
395	289716,8851	9111826,8750
396	289755,1240	9111848,5260
397	289804,8560	9111876,3060
398	289826,2100	9111883,6730
399	289843,0489	9111876,7140

400	289854,7812	9111870,8960
401	289862,8329	9111867,8480
402	289897,3042	9111854,1590
403	289900,1560	9111852,9780
404	289900,2241	9111853,1130
405	289902,0289	9111852,2020
406	289902,4004	9111852,0410
407	289913,1111	9111846,9480
408	289923,4490	9111841,1350
409	289929,8487	9111837,0490
410	289939,9933	9111830,1920
411	289967,6518	9111810,8390
412	289976,8443	9111804,1870
413	289978,2240	9111803,1750
414	289979,1155	9111802,5140
415	289990,4203	9111793,6690
416	289998,6546	9111786,6450
417	289997,1311	9111785,0440
418	289939,9742	9111724,9740
419	289915,2130	9111698,9510
420	289908,8388	9111692,1450
421	289916,5211	9111684,6490
422	289932,8540	9111670,3470
423	289963,7019	9111643,3340
424	289964,6647	9111642,4850
425	289974,4594	9111633,2650
426	289983,6797	9111623,4710
427	289992,2916	9111613,1370
428	290000,2640	9111602,3020
429	290007,5676	9111591,0060
430	290009,4939	9111587,7570
431	290014,1172	9111579,4780
432	290020,2530	9111570,6200
433	290026,5711	9111556,4040
434	290031,7045	9111543,9650
435	290035,8507	9111531,1320
436	290040,9181	9111510,2370
437	290044,6572	9111496,7880
438	290083,6310	9111508,2290
439	290163,5940	9111532,1190
440	290180,3763	9111537,0550
441	290196,3689	9111542,9780
442	290205,6486	9111547,5190
443	290209,7966	9111550,6800
444	290220,0616	9111556,9960
445	290229,9336	9111563,5120
446	290244,9390	9111574,5680
447	290260,2665	9111587,2220
448	290267,6445	9111592,1400
449	290275,1472	9111598,4590
450	290282,4525	9111606,5540
451	290287,1910	9111613,8590
452	290290,9424	9111618,9920
453	290294,1023	9111625,6720
454	290302,1964	9111640,1180
455	290307,9151	9111655,4050
456	290314,8166	9111674,4270
457	290340,4548	9111741,3400
458	290342,5678	9111745,7070
459	290345,1034	9111751,7640
460	290348,4843	9111756,8350
461	290352,4286	9111763,0340
462	290359,1903	9111770,5000
463	290364,9954	9111775,7200
464	290370,2142	9111781,4500
465	290398,3719	9111809,1000
466	290434,0303	9111842,9240
467	290443,4714	9111851,9790
468	290449,1479	9111857,4240
469	290484,1289	9111889,2380
470	290485,2417	9111890,2000
471	290493,3859	9111881,0730
472	290505,9348	9111867,0690
473	290508,3761	9111864,4670
474	290519,6023	9111853,4010

475	290523,4352	9111850,7180
476	290528,3998	9111847,8920
477	290532,5243	9111846,2110
478	290537,4125	9111844,7600
479	290542,2244	9111844,3020
480	290546,9599	9111844,7600
481	290551,6954	9111845,5240
482	290556,3545	9111847,2800
483	290561,0136	9111849,2660
484	290619,2813	9111885,3310
485	290625,2302	9111881,2600
486	290703,2275	9111828,2300
487	290728,0425	9111808,1890
488	290756,5604	9111784,2010
489	290784,5556	9111759,6060
490	290812,0150	9111734,4140
491	290815,2210	9111731,4010
492	290810,1202	9111722,2740
493	290794,7063	9111695,5060
494	290788,0722	9111686,9850
495	290781,1960	9111677,5980
496	290774,3794	9111666,9910
497	290770,4358	9111660,0950
498	290763,3945	9111647,7140
499	290753,8777	9111632,4330
500	290752,5805	9111630,4630
501	290744,9094	9111619,2960
502	290702,5784	9111548,5570
503	290694,3338	9111534,7160
504	290676,6801	9111504,9680
505	290652,9386	9111464,9620
506	290634,7608	9111435,4160
507	290628,3586	9111424,1010
508	290622,6938	9111414,0890
509	290607,4184	9111389,2020
510	290583,7081	9111350,5730
511	290577,2971	9111339,7660
512	290573,7229	9111333,7410
513	290573,5601	9111333,4630
514	290571,5557	9111329,1650
515	290566,4704	9111319,9160
516	290562,5425	9111309,9460
517	290559,0625	9111308,6820
518	290566,0563	9111290,1530
519	290566,6180	9111288,6650
520	290568,3348	9111284,1160
521	290594,1395	9111215,7510
522	290587,2905	9111213,5580
523	290580,3815	9111210,6250
524	290542,2897	9111192,2960
525	290479,6108	9111162,3010
526	290435,0054	9111140,9560
527	290427,1481	9111135,5490
528	290423,6608	9111133,1500
529	290388,4235	9111114,7900
530	290379,2742	9111110,3260
531	290301,5312	9111072,3940
532	290293,8648	9111066,7500
TABELA 228 – ZDS CAPIBARIBE SETOR B – POLÍGONO 02		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290825,4034	9109032,0840
2	290810,2438	9109032,3910
3	290784,2882	9109032,3850
4	290782,7093	9109032,3850
5	290749,9249	9109032,3770
6	290684,4588	9109111,6840
7	290679,2879	9109110,1550
8	290671,9182	9109108,7150
9	290650,8550	9109107,2550
10	290604,2568	9109104,6560
11	290537,1858	9109101,4750
12	290533,8520	9109102,5450
13	290530,1653	9109104,5150
14	290527,2354	9109106,8720

15	290486,9569	9109146,1650
16	290445,6238	9109185,7430
17	290441,3137	9109189,7420
18	290429,1224	9109201,1470
19	290427,1178	9109204,0510
20	290425,7334	9109207,9430
21	290416,3951	9109236,6930
22	290395,1513	9109234,8920
23	290389,3601	9109255,4550
24	290384,8468	9109271,9160
25	290375,0004	9109307,8290
26	290369,8425	9109326,6420
27	290369,3717	9109328,3590
28	290360,8278	9109357,7380
29	290359,5592	9109364,2250
30	290359,3563	9109374,2700
31	290359,8030	9109377,0540
32	290375,4204	9109479,6160
33	290377,8083	9109498,7270
34	290391,2528	9109593,0410
35	290392,2898	9109600,3150
36	290413,8433	9109597,9860
37	290416,9923	9109663,4220
38	290417,7489	9109672,2120
39	290418,9483	9109692,8050
40	290419,0324	9109695,1010
41	290420,5052	9109705,2050
42	290422,8907	9109716,3000
43	290424,9720	9109723,7840
44	290432,0056	9109750,7840
45	290435,5546	9109765,7220
46	290445,2094	9109804,8570
47	290452,8766	9109833,2590
48	290457,8917	9109849,8010
49	290463,7343	9109870,1010
50	290472,6893	9109895,7150
51	290472,6472	9109899,0950
52	290473,5274	9109901,0950
53	290476,5966	9109907,7620
54	290485,3769	9109928,4900
55	290489,5083	9109938,2420
56	290493,0008	9109947,8730
57	290506,2469	9109973,7120
58	290525,1971	9110017,3650
59	290468,3252	9110057,1840
60	290449,7147	9110070,2840
61	290444,1480	9110074,2030
62	290423,2988	9110090,6070
63	290413,5621	9110101,4030
64	290407,7413	9110109,2340
65	290403,5080	9110116,0080
66	290398,3221	9110125,0030
67	290393,7536	9110131,5370
68	290390,6163	9110140,2870
69	290388,5959	9110147,7140
70	290387,0691	9110156,5000
71	290383,6017	9110179,1710
72	290383,0622	9110182,6990
73	290380,1265	9110206,4700
74	290379,4991	9110212,7380
75	290378,4764	9110222,9560
76	290377,4218	9110233,4910
77	290376,4985	9110241,3990
78	290376,0875	9110245,2310
79	290375,3680	9110251,9410
80	290374,9951	9110255,4180
81	290374,3845	9110261,1110
82	290373,6746	9110267,7310
83	290372,9738	9110274,2660
84	290372,0568	9110282,8170
85	290371,9571	9110283,7470
86	290370,3271	9110298,9460
87	290368,6836	9110314,2710
88	290364,3734	9110345,2510
89	290364,6804	9110351,6000

90	290364,7120	9110353,0390
91	290364,2909	9110357,5830
92	290363,3265	9110361,5380
93	290349,4204	9110423,4980
94	290333,1125	9110496,1600
95	290330,6853	9110504,9000
96	290329,9590	9110507,5160
97	290328,4908	9110512,0050
98	290327,1309	9110516,1640
99	290325,3786	9110522,8280
100	290319,0455	9110537,8520
101	290314,1800	9110545,6990
102	290305,7485	9110556,4930
103	290292,5428	9110572,7200
104	290285,3227	9110580,8310
105	290274,6433	9110591,1320
106	290264,9754	9110603,8900
107	290257,0228	9110615,7910
108	290249,7501	9110628,1210
109	290243,1800	9110640,8380
110	290237,3335	9110653,9040
111	290232,2287	9110667,2770
112	290227,8817	9110680,9150
113	290223,9098	9110695,1910
114	290221,2297	9110704,9860
115	290214,7631	9110722,8550
116	290205,8623	9110747,3360
117	290201,1289	9110752,8380
118	290188,9221	9110767,8700
119	290181,4389	9110777,7510
120	290161,8818	9110803,0690
121	290238,1545	9110841,9350
122	290332,2208	9110889,8680
123	290361,7515	9110904,9160
124	290363,1333	9110905,6200
125	290400,7466	9110924,7860
126	290407,9301	9110929,4300
127	290465,2866	9110861,5220
128	290470,0977	9110854,7930
129	290475,7783	9110846,8490
130	290575,8261	9110727,1520
131	290580,7452	9110721,3300
132	290586,8858	9110713,9200
133	290596,0821	9110702,9180
134	290598,5692	9110699,8220
135	290601,8575	9110695,7290
136	290600,1616	9110691,9170
137	290598,2098	9110687,5300
138	290590,3665	9110671,4320
139	290570,1484	9110629,9350
140	290560,5677	9110610,2720
141	290547,3090	9110583,0590
142	290542,9332	9110574,0780
143	290515,2673	9110517,2960
144	290495,0406	9110476,0740
145	290462,7963	9110410,3600
146	290459,2989	9110402,8480
147	290479,8044	9110393,7320
148	290479,1081	9110392,1870
149	290479,3594	9110392,0170
150	290483,2604	9110388,9090
151	290486,5438	9110382,0790
152	290489,0392	9110376,5630
153	290491,0085	9110371,1760
154	290490,7779	9110365,5390
155	290491,1491	9110361,7390
156	290502,0274	9110235,7960
157	290573,3819	9110242,5110
158	290573,4482	9110242,5180
159	290635,4993	9110248,3580
160	290639,0341	9110248,6500
161	290645,2581	9110248,9720
162	290650,3107	9110249,0530
163	290661,5873	9110248,6500
164	290670,2681	9110247,7880

165	290685,6447	9110245,6410
166	290686,3164	9110245,5270
167	290689,8175	9110249,1550
168	290699,5608	9110243,2720
169	290708,0279	9110241,8310
170	290720,9960	9110239,2460
171	290726,8600	9110237,9810
172	290724,9859	9110229,5660
173	290687,3674	9110129,9130
174	290685,2449	9110125,1420
175	290682,8076	9110119,6630
176	290664,9779	9110073,2310
177	290642,1788	9110015,1480
178	290636,2608	9109998,1060
179	290636,0868	9109997,6400
180	290647,8786	9109998,0640
181	290656,6427	9109998,3430
182	290662,7768	9109998,5380
183	290673,4689	9109998,8780
184	290737,3652	9110000,9110
185	290741,8502	9110000,9810
186	290806,8887	9110001,9880
187	290815,4437	9110002,1730
188	290831,9815	9110002,6200
189	290933,8245	9110007,2610
190	290936,3388	9109993,8500
191	290937,6140	9109985,1470
192	290940,0770	9109968,5820
193	290943,0152	9109952,6610
194	290943,6866	9109949,4030
195	290948,0856	9109930,3880
196	290950,1536	9109922,5080
197	290951,2541	9109918,6140
198	290954,0557	9109909,9560
199	290954,6096	9109908,2450
200	290955,1965	9109906,6100
201	290961,5532	9109891,1880
202	290966,5315	9109879,7460
203	290978,6260	9109850,5470
204	290989,9771	9109821,0510
205	290991,7940	9109816,1130
206	290992,9669	9109813,6790
207	290994,4816	9109809,6030
208	290999,0729	9109797,1490
209	290999,5625	9109793,7250
210	290999,6844	9109791,5950
211	290999,9678	9109786,6400
212	290999,5626	9109779,5550
213	290999,5012	9109779,0390
214	290999,2231	9109775,6380
215	290997,2215	9109756,9790
216	290995,2324	9109743,2620
217	290992,9460	9109735,2680
218	290987,3640	9109715,7510
219	290979,9071	9109689,6770
220	290979,0503	9109686,6420
221	290977,8465	9109682,3780
222	290975,0785	9109675,2040
223	290973,1389	9109669,2990
224	290971,7475	9109665,0620
225	290973,5387	9109658,7080
226	290976,4588	9109653,5860
227	290978,1084	9109651,7980
228	291071,6022	9109588,0510
229	291126,4201	9109550,6750
230	291106,4137	9109522,8180
231	291047,9220	9109438,0850
232	291048,1511	9109435,5200
233	291032,5455	9109413,8400
234	290995,0087	9109359,2360
235	290979,4783	9109338,6230
236	290982,1099	9109336,7370
237	290982,8399	9109335,9890
238	290982,8748	9109335,9530
239	290987,5894	9109331,1230

240	290988,6367	9109330,1440
241	290985,2525	9109325,4720
242	290873,6051	9109171,7420
243	290849,3432	9109129,8740
244	290830,2344	9109078,3440
245	290825,4034	9109032,0840

TABELA 229 – ZDS CAPIBARIBE SETOR C		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290611,4695	9107799,3010
2	290561,1627	9107721,3660
3	290550,4448	9107733,8080
4	290543,8250	9107742,6280
5	290542,5052	9107744,5880
6	290533,7484	9107758,4160
7	290525,6806	9107772,6580
8	290523,7644	9107776,2970
9	290515,4109	9107809,5270
10	290509,3498	9107833,4580
11	290509,5459	9107832,2280
12	290509,9563	9107826,4910
13	290509,5459	9107820,7540
14	290508,3233	9107815,1340
15	290506,0091	9107810,8690
16	290503,4533	9107807,0350
17	290501,6075	9107804,8340
18	290499,3357	9107803,2720
19	290495,6440	9107801,5680
20	290491,7393	9107800,5040
21	290489,3255	9107800,5040
22	290484,2140	9107795,5340
23	290474,1737	9107788,6360
24	290458,2302	9107791,0610
25	290448,6595	9107797,3830
26	290438,9908	9107803,7690
27	290397,4232	9107845,5160
28	290378,5460	9107883,5190
29	290350,9366	9107925,5330
30	290352,0124	9107926,2200
31	290340,0608	9107937,1190
32	290333,2472	9107943,7330
33	290315,7053	9107948,7730
34	290305,2674	9107951,7890
35	290283,6774	9107949,8840
36	290276,4939	9107949,1300
37	290257,4836	9107941,2720
38	290242,8389	9107935,2790
39	290230,5357	9107925,7540
40	290223,9419	9107912,7790
41	290218,6691	9107902,7750
42	290217,4388	9107894,2820
43	290212,7557	9107882,2170
44	290206,2469	9107867,5720
45	290203,1910	9107861,7380
46	290193,4675	9107843,5220
47	290181,5216	9107822,0510
48	290175,5287	9107811,0970
49	290167,2737	9107799,6670
50	290158,0265	9107787,0070
51	290155,0103	9107782,8790
52	290143,6993	9107770,3380
53	290131,6740	9107756,9230
54	290117,4658	9107741,0480
55	290104,2101	9107726,9200
56	290092,3833	9107714,3780
57	290083,4535	9107706,5200
58	290074,2063	9107698,5830
59	290067,9754	9107693,2250
60	290058,5694	9107687,0730
61	290047,2982	9107679,6120
62	290043,5675	9107677,0320
63	290038,4081	9107674,7700
64	290030,8490	9107671,6660
65	290020,0540	9107667,1820
66	290005,8061	9107657,7360

67	289996,7970	9107651,6640
68	289990,2883	9107647,3380
69	289980,8823	9107641,8610
70	289961,6735	9107634,6780
71	289948,8544	9107629,9150
72	289941,4329	9107621,3820
73	289936,0750	9107611,2220
74	289932,8603	9107599,3560
75	289926,8675	9107587,2910
76	289921,4303	9107573,9160
77	289912,7321	9107563,2430
78	289902,6779	9107549,5510
79	289900,8259	9107545,4500
80	289896,1956	9107530,6330
81	289889,6472	9107509,4000
82	289887,0014	9107486,9770
83	289887,0014	9107475,4380
84	289887,0014	9107464,8840
85	289888,7873	9107442,9240
86	289892,4253	9107431,6790
87	289893,8144	9107426,9830
88	289894,2875	9107426,2390
89	289897,9816	9107420,4340
90	289899,8998	9107410,8430
91	289900,9581	9107399,3340
92	289902,1315	9107393,5070
93	289902,8764	9107389,8090
94	289900,4951	9107371,6180
95	289896,3941	9107361,9610
96	289896,5264	9107352,5680
97	289897,2540	9107336,9580
98	289904,5962	9107317,3790
99	289910,4832	9107305,2740
100	289918,6191	9107293,1690
101	289925,7629	9107281,9910
102	289929,7316	9107279,7420
103	289935,0233	9107276,6330
104	289953,3134	9107265,5410
105	289971,5541	9107255,3720
106	289982,2127	9107249,5790
107	289995,0451	9107242,7660
108	290004,9008	9107237,0780
109	290016,2779	9107230,3970
110	290030,8962	9107221,5990
111	290041,8764	9107215,1170
112	290058,7436	9107201,8220
113	290073,6265	9107183,1690
114	290092,4781	9107159,6870
115	290108,0885	9107136,1390
116	290122,0453	9107114,9720
117	290143,6750	9107081,4360
118	290174,8003	9107038,5830
119	290168,6467	9107008,4300
120	290162,4930	9106978,2770
121	290162,4930	9106936,4330
122	290177,2617	9106874,8960
123	290195,0407	9106838,3600
124	290197,4470	9106833,4150
125	290198,5524	9106831,5690
126	290133,0400	9106792,1210
127	290019,1492	9106725,7550
128	289929,6793	9106670,3590
129	289928,0610	9106672,3830
130	289930,1301	9106673,9340
131	289960,9185	9106697,0160
132	289966,3101	9106700,2080
133	289978,1005	9106707,1880
134	289997,0570	9106720,4200
135	289974,6577	9106764,0500
136	289961,8675	9106788,9630
137	289959,0230	9106794,5030
138	289958,4999	9106797,2980
139	289957,6648	9106799,4070
140	289956,4047	9106807,7030
141	289955,7700	9106811,8820

142	289953,6515	9106823,1990
143	289950,5721	9106836,4250
144	289945,9415	9106864,6720
145	289935,1637	9106930,4180
146	289931,7454	9106949,8790
147	289932,2840	9106949,9650
148	289932,2339	9106950,2770
149	289953,2035	9106953,7430
150	289975,3222	9106957,4000
151	289974,7581	9106961,0090
152	289962,9344	9107029,5140
153	289959,9331	9107046,9870
154	289953,2035	9107086,1640
155	289952,9197	9107087,8170
156	289950,8492	9107099,0890
157	289908,0212	9107091,8040
158	289906,2607	9107091,5050
159	289863,6795	9107084,3940
160	289846,7926	9107081,5740
161	289820,2390	9107077,7560
162	289812,6702	9107076,8670
163	289812,4373	9107076,6340
164	289789,5592	9107073,3440
165	289770,4594	9107069,3950
166	289765,0019	9107101,9250
167	289748,9779	9107099,5820
168	289736,7142	9107097,9150
169	289717,0624	9107095,1070
170	289712,6773	9107094,4810
171	289698,1571	9107092,4200
172	289691,6818	9107092,1260
173	289683,6368	9107092,5180
174	289679,7125	9107093,7940
175	289669,6072	9107098,0130
176	289649,6909	9107108,0200
177	289617,5109	9107125,6800
178	289612,0401	9107127,6920
179	289618,9686	9107088,3440
180	289630,0572	9107018,7840
181	289631,5146	9107010,5720
182	289636,9593	9106979,8910
183	289637,9865	9106972,3110
184	289638,2486	9106968,8270
185	289638,2174	9106968,8420
186	289635,3052	9106970,2310
187	289633,3921	9106970,9830
188	289617,1670	9106975,5150
189	289568,4924	9106991,8300
190	289520,2433	9107003,8270
191	289513,2930	9107007,7820
192	289509,2016	9107011,0120
193	289507,7852	9107011,4140
194	289509,4185	9107006,8330
195	289505,8466	9107004,3190
196	289496,8508	9107001,6730
197	289493,2227	9106997,0750
198	289491,3719	9106978,4580
199	289490,3275	9106962,1780
200	289488,2967	9106939,8680
201	289479,9108	9106847,7380
202	289414,6705	9106856,3370
203	289395,7039	9106858,8370
204	289380,0723	9106860,5220
205	289314,1302	9106866,9260
206	289310,5040	9106867,3440
207	289264,8123	9106872,6130
208	289264,5322	9106872,6540
209	289263,7338	9106872,8680
210	289262,9847	9106873,2180
211	289262,3076	9106873,6920
212	289261,7231	9106874,2760
213	289261,6192	9106874,4250
214	289244,0875	9106810,2800
215	289222,9771	9106813,5870
216	289198,9105	9106818,4530

217	289191,8486	9106819,8810
218	289157,6967	9106826,1270
219	289155,7260	9106826,5090
220	289153,9176	9106819,5430
221	289152,6337	9106814,5980
222	289150,4163	9106806,0580
223	289142,0817	9106775,1610
224	289139,3567	9106763,2010
225	289127,7514	9106767,1350
226	289123,5783	9106768,5490
227	289082,1705	9106782,5850
228	289074,8558	9106785,0680
229	289030,0536	9106800,2090
230	289007,1149	9106807,9620
231	288976,7570	9106816,7430
232	288973,5638	9106817,6670
233	288959,6048	9106821,7050
234	288906,5557	9106833,7770
235	288896,2470	9106836,1220
236	288890,7036	9106837,3840
237	288840,2412	9106848,8670
238	288818,7684	9106853,7530
239	288816,1812	9106854,3420
240	288802,6982	9106857,4530
241	288775,0672	9106863,8280
242	288736,2900	9106872,7750
243	288710,4999	9106878,7260
244	288706,6781	9106879,6070
245	288677,1387	9106886,1900
246	288646,2282	9106893,0790
247	288639,1753	9106894,3190
248	288634,9597	9106895,0610
249	288596,0564	9106901,9060
250	288591,7799	9106902,6580
251	288550,3272	9106905,5470
252	288549,2470	9106905,6220
253	288547,6197	9106905,7360
254	288519,4502	9106907,6990
255	288493,9917	9106909,4730
256	288487,5086	9106909,9250
257	288485,7543	9106910,0470
258	288452,4805	9106912,6340
259	288451,6621	9106912,6980
260	288420,4190	9106915,1270
261	288410,3008	9106915,9140
262	288371,1606	9106920,6940
263	288330,1482	9106932,2760
264	288271,7413	9106950,0980
265	288271,2928	9106950,2350
266	288252,8220	9106955,8710
267	288225,6158	9106964,1720
268	288219,5620	9106966,0200
269	288171,7623	9106981,1690
270	288170,2018	9106981,6640
271	288169,9461	9106981,7060
272	288160,3238	9106983,7240
273	288150,9010	9106986,5290
274	288141,7419	9106990,1030
275	288132,9093	9106994,4210
276	288124,7558	9106999,2630
277	288101,8391	9107014,1390
278	288099,5694	9107016,2430
279	288072,9935	9107039,0540
280	288067,9844	9107043,4110
281	288063,7542	9107047,2820
282	288048,7190	9107061,0410
283	288048,0050	9107061,8080
284	288035,6002	9107075,1360
285	288034,8445	9107075,9480
286	288023,4553	9107086,3910
287	287992,3606	9107115,0720
288	287987,5046	9107119,0540
289	287969,3114	9107133,9750
290	287958,4671	9107140,2090
291	287956,2954	9107141,4580

292	287951,0824	9107144,0190
293	287899,3325	9107161,1600
294	287880,8245	9107172,2250
295	287856,9884	9107190,8970
296	287848,0199	9107197,1790
297	287847,6773	9107197,3200
298	287818,2433	9107209,4230
299	287789,5372	9107219,8620
300	287753,8921	9107232,8250
301	287747,2934	9107235,4840
302	287741,5177	9107237,8120
303	287714,4121	9107248,7380
304	287705,6623	9107252,2640
305	287664,5550	9107266,5260
306	287636,2312	9107276,3520
307	287636,2221	9107276,3560
308	287628,4703	9107279,4520
309	287580,9016	9107297,9000
310	287564,1944	9107304,5730
311	287542,4420	9107313,1200
312	287535,7585	9107315,7470
313	287526,9072	9107319,0940
314	287489,3664	9107333,2260
315	287499,3950	9107368,8170
316	287501,7269	9107377,5490
317	287464,0470	9107390,3620
318	287461,7160	9107400,3710
319	287465,0552	9107417,0670
320	287470,4047	9107444,6050
321	287477,8908	9107471,6130
322	287522,6859	9107455,6050
323	287523,2286	9107457,9110
324	287547,1085	9107451,9410
325	287547,2444	9107452,8910
326	287571,4508	9107446,7050
327	287563,2818	9107416,8710
328	287557,5949	9107398,7900
329	287556,8608	9107396,4560
330	287578,5941	9107390,4610
331	287587,2959	9107388,1040
332	287617,9937	9107379,9460
333	287651,2899	9107371,3050
334	287655,6407	9107388,2250
335	287665,6849	9107424,7780
336	287666,4159	9107427,3560
337	287667,0732	9107429,6090
338	287669,7206	9107438,6830
339	287671,6909	9107446,4270
340	287674,8703	9107458,9240
341	287678,4224	9107472,8860
342	287679,9935	9107479,4120
343	287687,4310	9107507,0910
344	287693,4742	9107534,1680
345	287693,5124	9107534,3070
346	287694,4107	9107537,5810
347	287701,0463	9107560,4860
348	287701,2446	9107561,1700
349	287702,3719	9107565,0620
350	287703,7780	9107568,0320
351	287705,6236	9107571,9300
352	287764,2926	9107555,0860
353	287758,9172	9107536,3010
354	287754,4154	9107520,5690
355	287753,0546	9107515,8140
356	287750,2809	9107504,5280
357	287749,0054	9107499,3380
358	287744,5219	9107481,0950
359	287745,4871	9107478,6790
360	287741,2678	9107461,0480
361	287739,8072	9107455,8190
362	287754,6055	9107451,4960
363	287796,5830	9107439,2310
364	287810,8762	9107433,8670
365	287879,2609	9107415,7350
366	287972,1800	9107390,6760

367	287972,9340	9107389,3440
368	287972,9375	9107389,3370
369	287975,7834	9107383,5240
370	287975,7861	9107383,5180
371	287977,4417	9107379,6200
372	287977,4433	9107379,6160
373	287978,5726	9107376,6580
374	287979,6609	9107373,6660
375	287981,0239	9107369,6560
376	287981,0264	9107369,6480
377	287982,6135	9107364,0770
378	287983,2655	9107361,5080
379	287984,0905	9107357,9920
380	287984,0916	9107357,9870
381	287984,8018	9107354,3720
382	287984,8029	9107354,3660
383	287985,4456	9107350,2460
384	287985,7337	9107348,1070
385	287986,0710	9107345,3050
386	287986,0717	9107345,2980
387	287986,5835	9107337,7800
388	287986,5837	9107337,7740
389	287986,6079	9107332,6620
390	287986,6078	9107332,6570
391	287986,5118	9107329,8890
392	287986,4073	9107327,7370
393	287986,0684	9107323,0430
394	287986,0677	9107323,0350
395	287985,1224	9107315,8950
396	287985,1213	9107315,8880
397	287983,8848	9107309,7550
398	287983,8833	9107309,7490
399	287982,7868	9107305,4930
400	287982,7859	9107305,4900
401	287982,2013	9107303,4920
402	287982,1389	9107303,2860
403	287985,5540	9107306,7500
404	288045,3184	9107287,8710
405	288056,4881	9107284,3430
406	288105,0112	9107268,9080
407	288149,0832	9107254,8900
408	288156,3524	9107252,6650
409	288158,3398	9107252,0570
410	288168,3919	9107248,9800
411	288239,3184	9107227,2710
412	288250,4891	9107223,8520
413	288311,8606	9107204,9180
414	288311,9326	9107205,2640
415	288314,5291	9107204,0950
416	288317,5117	9107211,4690
417	288331,0953	9107261,7590
418	288334,6391	9107274,8790
419	288347,7680	9107318,8180
420	288354,0872	9107339,9670
421	288370,1433	9107397,5920
422	288372,5630	9107406,2770
423	288372,5084	9107416,6600
424	288379,6522	9107443,9120
425	288379,6522	9107450,2620
426	288392,8645	9107483,2660
427	288391,8230	9107487,3040
428	288400,3389	9107528,3780
429	288383,6206	9107531,4870
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431	288361,7086	9107561,9750
432	288371,9987	9107604,5870
433	288325,1579	9107617,3650
434	288311,0031	9107621,2590
435	288274,2532	9107632,2810
436	288271,0602	9107633,7220
437	288268,6453	9107636,0220
438	288266,4811	9107638,3830
439	288252,7876	9107655,3940
440	288243,9213	9107661,5510
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445	288186,4965	9107693,2430
446	288172,2272	9107702,2610
447	288152,1408	9107713,3290
448	288133,0951	9107723,4020
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451	288060,0091	9107761,8640
452	288048,3330	9107767,4940
453	288047,7405	9107767,8150
454	288003,5137	9107789,7280
455	287979,4856	9107801,6320
456	287986,9331	9107822,9880
457	288023,0180	9107926,4590
458	288023,6819	9107930,5700
459	288023,9048	9107930,7420
460	288023,9101	9107930,7450
461	288024,9291	9107931,4280
462	288037,5121	9107964,1430
463	288043,7351	9107980,5730
464	288092,4484	9108118,9800
465	288101,9907	9108146,7890
466	288102,2069	9108146,7060
467	288110,8958	9108143,3610
468	288172,4927	9108122,2390
469	288187,3771	9108116,6750
470	288238,0937	9108097,7170
471	288255,6517	9108091,1540
472	288317,7811	9108069,4800
473	288318,1214	9108069,3550
474	288318,5295	9108067,7390
475	288346,9251	9108058,7280
476	288351,6416	9108056,9880
477	288396,2137	9108039,5640
478	288395,8510	9108035,2170
479	288394,6407	9108028,8730
480	288394,3235	9108027,6950
481	288383,6110	9107995,7220
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483	288381,0325	9107988,0260
484	288370,8049	9107957,8020
485	288364,3424	9107940,0810
486	288361,7794	9107933,0520
487	288357,9632	9107922,5880
488	288348,8281	9107897,4140
489	288346,1388	9107889,8640
490	288341,4326	9107876,2620
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492	288335,1748	9107858,2650
493	288333,6584	9107853,9870
494	288332,0718	9107848,9040
495	288330,2628	9107843,1700
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502	288314,8567	9107799,0140
503	288312,2863	9107792,8410
504	288310,0044	9107785,7920
505	288306,6078	9107776,2090
506	288303,9390	9107767,4740
507	288299,9406	9107756,6770
508	288295,5730	9107743,7490
509	288292,4865	9107734,8970
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512	288288,9342	9107723,7160
513	288289,5748	9107721,1540
514	288290,3319	9107718,7080
515	288290,9247	9107716,8320
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517	288292,3118	9107713,9330
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519	288297,5529	9107710,7880
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521	288312,1494	9107705,9320
522	288344,5077	9107697,2920
523	288360,7851	9107692,9510
524	288390,1112	9107686,2270
525	288430,6029	9107676,4200
526	288489,1939	9107662,0180
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531	288510,2619	9107647,0690
532	288510,6553	9107645,1250
533	288510,2169	9107643,4330
534	288506,6239	9107631,2010
535	288502,3836	9107615,7000
536	288493,5833	9107585,9210
537	288490,1527	9107573,7460
538	288533,1252	9107561,2480
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540	288543,8321	9107558,1340
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543	288524,7917	9107455,8360
544	288544,8824	9107455,2780
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546	288555,9776	9107455,5510
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548	288549,5649	9107420,8320
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550	288534,9510	9107368,1870
551	288568,0979	9107360,6580
552	288593,4798	9107354,8920
553	288597,9674	9107353,8730
554	288625,2071	9107347,7310
555	288636,4436	9107344,7810
556	288635,1535	9107339,5560
557	288628,9173	9107309,0140
558	288627,2451	9107300,0100
559	288623,6113	9107285,2180
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561	288620,5258	9107266,3980
562	288619,8003	9107263,7900
563	288618,4241	9107258,8420
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565	288615,8266	9107236,7800
566	288614,6107	9107226,4880
567	288613,3164	9107215,5320
568	288610,5099	9107176,2720
569	288610,2379	9107172,4670
570	288609,1581	9107159,5050
571	288608,7614	9107154,7430
572	288606,2182	9107124,2140
573	288641,1016	9107120,4910
574	288641,3480	9107119,7240
575	288642,1922	9107120,3740
576	288649,7277	9107119,2320
577	288684,1931	9107115,0540
578	288685,8281	9107114,8320
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580	288738,6221	9107108,4650
581	288757,2190	9107106,0110
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583	288778,2566	9107103,1800
584	288794,0826	9107101,2400
585	288822,4788	9107097,7570
586	288872,2857	9107090,2240
587	288874,8229	9107089,9280
588	288893,0579	9107087,8000
589	288907,6901	9107086,0920
590	288913,8367	9107085,3750
591	288931,7450	9107082,1840

592	288948,8238	9107079,1420
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594	289001,3914	9107071,1390
595	289009,9634	9107070,0110
596	289013,8617	9107069,4980
597	289018,7352	9107068,8560
598	289076,7544	9107061,2200
599	289135,6089	9107053,6320
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601	289141,1183	9107053,0570
602	289152,2855	9107052,7300
603	289154,4457	9107053,0960
604	289154,6417	9107049,8440
605	289255,9024	9107069,1380
606	289292,2273	9107067,8600
607	289274,4749	9107089,7590
608	289275,6795	9107093,7740
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616	289346,7751	9107214,9590
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618	289359,6976	9107208,5980
619	289363,8763	9107207,5840
620	289368,1715	9107207,3800
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622	289376,3489	9107209,3340
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624	289395,9990	9107218,1440
625	289452,1283	9107242,3170
626	289463,1575	9107247,0660
627	289481,5140	9107255,5240
628	289490,1014	9107259,4810
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630	289549,4208	9107285,8390
631	289557,2845	9107289,1550
632	289582,1587	9107299,3290
633	289598,2970	9107305,9290
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636	289635,6063	9107325,3140
637	289644,8668	9107329,2830
638	289654,9210	9107331,6640
639	289678,7335	9107335,6330
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641	289714,1330	9107341,2480
642	289715,1664	9107341,4120
643	289717,0982	9107341,7190
644	289724,3352	9107341,7210
645	289717,0461	9107390,2150
646	289716,4099	9107394,8280
647	289714,8318	9107404,6690
648	289710,3536	9107432,5960
649	289709,8442	9107435,7730
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653	289698,9397	9107497,7830
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655	289695,9550	9107516,2630
656	289693,5226	9107531,3240
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658	289691,0354	9107552,1750
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661	289686,3055	9107593,2340
662	289686,2927	9107593,4960
663	289685,9357	9107608,2660
664	289685,8881	9107610,2350
665	289685,9770	9107615,4320
666	289686,2927	9107626,9740

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670	289693,3939	9107692,5780
671	289695,8588	9107712,9390
672	289697,5119	9107726,5940
673	289701,2729	9107757,6620
674	289705,2190	9107790,2580
675	289695,2132	9107792,0520
676	289687,2736	9107793,2160
677	289681,2394	9107793,9560
678	289668,6890	9107797,5750
679	289647,3273	9107805,4800
680	289622,0097	9107817,6020
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683	289615,5193	9107845,1050
684	289619,0920	9107855,7090
685	289621,8903	9107866,5420
686	289500,5752	9107917,6130
687	289499,2376	9107917,2550
688	289497,8581	9107917,1340
689	289496,4785	9107917,2550
690	289495,1409	9107917,6130
691	289494,4731	9107917,8910
692	289444,9937	9107941,1950
693	289422,3744	9107954,1250
694	289409,3664	9107960,4780
695	289389,0955	9107970,3780
696	289381,6477	9107973,5670
697	289366,2581	9107980,5630
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699	289313,8944	9108005,9290
700	289298,4701	9108012,9320
701	289289,6697	9108014,3510
702	289274,3024	9108019,4150
703	289257,4598	9108024,5860
704	289109,4975	9108068,7260
705	289120,7172	9108105,2950
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707	289065,6663	9108115,6060
708	289063,6187	9108106,4460
709	289023,8901	9108127,3450
710	289016,6624	9108130,8790
711	288994,2169	9108141,1910
712	288986,2911	9108146,4280
713	288978,2211	9108151,7600
714	288970,3235	9108159,0600
715	288965,2306	9108163,7670
716	288961,2936	9108167,4050
717	288933,1364	9108195,5980
718	288968,0340	9108232,7650
719	288970,8390	9108235,7520
720	288995,6592	9108259,9770
721	288996,5433	9108261,3050
722	289009,7844	9108270,5990
723	289028,2021	9108290,1810
724	289028,5414	9108304,4040
725	289031,5628	9108304,3370
726	289050,7208	9108303,6610
727	289077,6293	9108302,7110
728	289097,3830	9108302,0140
729	289117,5815	9108301,3010
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732	289171,4235	9108299,5590
733	289317,3072	9108296,1640
734	289324,2072	9108296,2380
735	289330,0181	9108296,6670
736	289333,3449	9108308,7360
737	289338,2332	9108322,9930
738	289342,8729	9108336,5250
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746	289403,4182	9108553,1670
747	289405,0837	9108562,9070
748	289403,8724	9108562,7560
749	289402,1060	9108563,1600
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751	289384,9598	9108576,2500
752	289370,0273	9108597,6090
753	289369,8096	9108597,9270
754	289341,6905	9108639,0090
755	289325,0689	9108663,2920
756	289303,4227	9108693,5810
757	289317,2586	9108705,0880
758	289339,5773	9108724,0670
759	289310,9082	9108756,1220
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761	289294,9151	9108774,4330
762	289257,3310	9108817,4650
763	289241,9769	9108835,3640
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765	289225,3548	9108852,2180
766	289086,4839	9108872,4280
767	289083,4399	9108872,8260
768	289083,4334	9108872,8270
769	289076,3568	9108874,1790
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773	289063,4486	9108877,2300
774	289050,6619	9108880,3430
775	289037,1649	9108883,5880
776	289025,2427	9108886,4470
777	289020,7516	9108887,6340
778	289020,7440	9108887,6370
779	289013,2694	9108890,1230
780	289013,2633	9108890,1260
781	289007,5072	9108892,5030
782	289007,5012	9108892,5060
783	289000,7605	9108895,8500
784	289000,7548	9108895,8530
785	288996,6341	9108898,2220
786	288996,6285	9108898,2260
787	288992,8849	9108900,7320
788	288991,0832	9108900,6080
789	288991,0767	9108900,6080
790	288984,9723	9108900,6060
791	288984,9657	9108900,6060
792	288977,2873	9108901,1350
793	288977,2808	9108901,1360
794	288972,5504	9108901,7600
795	288972,5440	9108901,7610
796	288965,1626	9108903,2010
797	288965,1562	9108903,2020
798	288959,1011	9108904,8230
799	288959,0948	9108904,8250
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801	288945,1759	9108909,5440
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803	288919,3650	9108918,5880
804	288888,8187	9108929,2160
805	288888,8341	9108929,2600
806	288886,3582	9108930,0990
807	288886,3521	9108930,1010
808	288884,9446	9108930,6820
809	288881,3633	9108931,8450
810	288856,7695	9108940,4030
811	288831,3161	9108949,2500
812	288829,9729	9108949,7270
813	288829,9674	9108949,7290
814	288829,4976	9108949,9220
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816	288834,0174	9108965,1180

817	288836,6229	9108972,8560
818	288837,6046	9108975,7720
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820	288847,3194	9109004,6240
821	288847,5739	9109005,3800
822	288848,8073	9109009,5870
823	288848,9306	9109010,0080
824	288853,6111	9109025,9710
825	288857,6234	9109038,8040
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828	288861,1216	9109047,5860
829	288862,3076	9109052,7160
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834	288880,5004	9109145,7280
835	288888,4567	9109144,1720
836	288888,4630	9109144,1700
837	288884,1751	9109142,6300
838	288894,1814	9109142,6290
839	288897,9083	9109141,4240
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842	288921,1037	9109133,4250
843	288947,0348	9109124,4010
844	288950,4121	9109123,1570
845	288950,4175	9109123,1550
846	288951,3150	9109122,7750
847	288954,2981	9109121,8050
848	288961,7773	9109119,2100
849	288962,6277	9109119,7510
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851	288997,4842	9109111,4650
852	289018,9594	9109106,8820
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854	289038,6645	9109102,1800
855	289061,8795	9109097,5580
856	289068,3292	9109095,9110
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859	289093,5566	9109089,2540
860	289109,1009	9109087,9760
861	289129,6399	9109087,5530
862	289142,8950	9109089,1200
863	289165,2152	9109092,9690
864	289191,5959	9109099,5370
865	289192,2321	9109099,9310
866	289192,3692	9109100,0350
867	289192,9547	9109100,5840
868	289193,4400	9109101,2220
869	289193,7579	9109101,8100
870	289201,3650	9109115,8850
871	289205,2163	9109113,7640
872	289206,4610	9109115,6320
873	289207,3906	9109119,0740
874	289207,3925	9109119,0800
875	289207,9688	9109120,7680
876	289207,0667	9109122,7510
877	289205,6758	9109125,2300
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879	289203,0110	9109129,5690
880	289203,0094	9109129,5720
881	289201,6228	9109131,9880
882	289201,6208	9109131,9920
883	289200,4168	9109134,2250
884	289199,1874	9109136,5770
885	289171,1783	9109152,3730
886	289157,5201	9109159,7840
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888	289085,0753	9109199,0910
889	289056,7298	9109214,4700
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891	289099,2111	9109224,8900

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893	289143,3139	9109228,6030
894	289169,3769	9109231,1950
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896	289161,0573	9109349,7190
897	289158,5126	9109394,2060
898	289157,8251	9109406,2260
899	289156,6638	9109433,3460
900	289163,0360	9109434,3620
901	289165,4338	9109434,8750
902	289166,2749	9109435,0680
903	289195,8973	9109441,8590
904	289222,2043	9109447,8900
905	289246,0532	9109453,6780
906	289264,2679	9109458,0980
907	289268,7652	9109459,1890
908	289271,8387	9109459,9350
909	289289,3827	9109462,4590
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912	289350,6785	9109402,7380
913	289349,7792	9109357,2020
914	289357,1482	9109349,9580
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916	289377,4445	9109333,0470
917	289387,0272	9109322,9230
918	289407,2093	9109303,7560
919	289427,6383	9109283,6010
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922	289437,2881	9109270,6060
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947	289417,8368	9109129,3230
948	289418,0803	9109125,3390
949	289418,0806	9109125,3320
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956	289416,5370	9109101,8280
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971	289408,7124	9109069,8090
972	289407,6949	9109067,0550
973	289405,4407	9109061,2200
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982	289397,0824	9109042,9240
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988	289390,8953	9109032,6410
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1011	289729,9599	9109060,1080
1012	289708,6169	9108879,0230
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1105	290066,2222	9108288,9140
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1171	289883,7501	9109600,5370
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1764	286935,3405	9112244,7290
1765	287043,2907	9112220,9160
1766	287141,7159	9112164,8240
1767	287184,5785	9112113,4950
1768	287207,8619	9112060,0490
1769	287253,8994	9112012,9530
1770	287317,3996	9111949,9820
1771	287381,9580	9111884,3650
1772	287458,1582	9111778,0030
1773	287520,7764	9111707,2000
1774	287610,7349	9111547,3910
1775	287670,0017	9111416,1580
1776	287687,9934	9111308,2070
1777	287688,0091	9111307,8850
1778	287694,3434	9111178,0320
1779	287700,6934	9111016,1070
1780	287741,9685	9110910,2730
1781	287797,0019	9110846,7730
1782	287927,1772	9110779,0400
1783	288043,5941	9110752,5810
1784	288203,4027	9110683,7900
1785	288374,8531	9110571,6060
1786	288547,3618	9110477,4140
1787	288693,4120	9110434,0220
1788	288877,5624	9110411,7970
1789	289073,3545	9110478,4720
1790	289224,6964	9110642,5140
1791	289337,9383	9110809,7310

1792	289472,3469	9110957,8980
1793	289599,3472	9111057,3820
1794	289690,3640	9111093,3650
1795	289786,6726	9111095,4820
1796	289878,7478	9111048,9150
1797	289942,2479	9110997,0570
1798	290004,6897	9110926,1480
1799	290040,9198	9110859,2010
1800	290041,1491	9110858,7780
1801	290053,3731	9110836,1900
1802	290071,3648	9110732,4730
1803	290083,0065	9110606,5310
1804	290078,7732	9110522,9230
1805	290099,9399	9110409,6810
1806	290138,0399	9110345,1220
1807	290178,2567	9110283,7390
1808	290207,8901	9110219,1800
1809	290226,9401	9110119,6970
1810	290224,8234	9109988,4630
1811	290167,6733	9109779,9710
1812	290141,0560	9109643,1880
1813	290140,9680	9109642,7360
1814	290129,5733	9109584,1790
1815	290135,9233	9109424,3700
1816	290179,3150	9109227,5200
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1818	290309,4903	9108942,8280
1819	290416,3822	9108858,1610
1820	290497,8740	9108761,8520
1821	290540,2074	9108649,6690
1822	290560,3158	9108536,4270
1823	290549,7324	9108412,6020
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1827	290548,6741	9107931,0590
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1836	286559,0490	9110701,8160
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1838	286531,1043	9110710,6000
1839	286522,6650	9110713,7670
1840	286514,5436	9110717,6780
1841	286512,9025	9110718,5810
1842	286493,7165	9110729,3710
1843	286463,5197	9110746,3550
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1845	286447,2906	9110755,4820
1846	286434,1060	9110731,5750
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1854	286255,5756	9110749,7500
1855	286186,7365	9110787,9230
1856	286169,3707	9110797,5320
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1860	286181,4145	9110985,1800
1861	286182,3656	9110986,5380
1862	286182,8948	9110987,6030
1863	286193,4393	9111012,6510
1864	286208,1964	9111047,7040
1865	286217,3901	9111069,5430
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1869	286285,6912	9111237,0640
1870	286308,9178	9111291,2010
1871	286315,2937	9111309,5110
1872	286315,0166	9111311,2970
1873	286312,9964	9111321,1930
1874	286310,1866	9111330,8930
1875	286306,6053	9111340,3360
1876	286302,2759	9111349,4600
1877	286297,2262	9111358,2070
1878	286291,4891	9111366,5180
1879	286285,4074	9111373,9950
1880	286223,8030	9111400,0870
1881	286205,4444	9111429,7940
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1883	286193,0826	9111451,3110
1884	286191,3887	9111454,0730
1885	286187,4537	9111461,5700
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1891	286176,5455	9111511,5610
1892	286176,4747	9111513,3000
1893	286176,4395	9111514,4810
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1895	286176,4014	9111516,7680
1896	286176,8121	9111524,3410
1897	286178,0393	9111531,8260
1898	286179,0444	9111535,8280
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1901	286191,4017	9111575,6180
1902	286196,4485	9111587,7520
1903	286166,5419	9111601,9640
1904	286124,2744	9111622,0500
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1910	286007,6317	9111679,6380
1911	285995,1853	9111686,2500
1912	285990,1086	9111684,3200
1913	285984,9900	9111682,6420
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1915	285974,4170	9111680,1670
1916	285967,2341	9111678,9960
1917	285937,7055	9111673,5800
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1921	285854,1032	9111797,4990
1922	285847,2744	9111826,8100
1923	285842,9671	9111848,0320
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1925	285837,5041	9111874,4010
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1934	285720,6836	9111781,1100
1935	285719,3937	9111776,7570
1936	285718,9638	9111772,1350
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1940	285688,5606	9111755,3130
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1963	285695,8520	9111327,0320
1964	285695,6434	9111326,5360
1965	285694,6528	9111323,2210
1966	285686,3323	9111296,9620
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1969	285677,2481	9111270,9580
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1975	285631,5240	9111161,5680
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1979	285493,8352	9111169,0590
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1981	285338,5144	9111253,2000
1982	285260,4809	9111296,7270
1983	285218,7835	9111319,9850
1984	285198,7605	9111330,8020
1985	285150,4599	9111356,8930
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1990	284842,0460	9111526,1220
1991	284838,3525	9111528,0920
1992	284790,2259	9111555,1410
1993	284784,4548	9111540,5890
1994	284783,1621	9111541,2020
1995	284740,9706	9111561,1960
1996	284686,9596	9111590,0020
1997	284682,4136	9111592,7460
1998	284614,8923	9111633,5040
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2001	284520,5192	9111492,8750
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2005	284527,9325	9111469,8770
2006	284529,8285	9111461,3070
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2013	284528,4332	9111423,4920
2014	284527,8188	9111419,6240
2015	284525,6782	9111411,4920
2016	284521,8281	9111400,2640

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2022	284485,3136	9111309,2040
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2025	284463,5176	9111257,1460
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2069	284093,2492	9110239,0340
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2075	284049,6690	9110056,8590
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2082	284054,9920	9109989,8200
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2084	284058,7654	9109979,9390
2085	284063,0807	9109980,5330
2086	284066,4807	9109981,5370
2087	284080,7758	9109987,3260
2088	284087,7696	9109990,0710
2089	284100,6345	9109995,1220
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2096	284183,0829	9110032,6290
2097	284188,7685	9110036,0040
2098	284218,2086	9110053,0630
2099	284231,0770	9110061,4990
2100	284235,2340	9110064,2250
2101	284240,8747	9110067,3890
2102	284248,4472	9110070,8630
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2105	284318,6138	9110100,4230
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2163	284528,9996	9110061,7670
2164	284586,0359	9110062,1450
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2172	284697,4372	9110055,3560
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2185	285230,9324	9110057,0200
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2189	285452,6209	9110058,4630
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2198	285633,4315	9110031,3630
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2203	285911,6767	9109996,1250
2204	285918,0857	9110004,3020
2205	285935,2628	9110028,6160
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2207	285959,9185	9110073,5470
2208	285967,8806	9110090,6040
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2210	285974,4272	9110093,7380
2211	285980,3754	9110091,1020
2212	286026,3169	9110074,8460
2213	286067,2010	9110059,2570
2214	286133,7756	9110034,8120
2215	286142,2617	9110034,0110
2216	286150,3909	9110034,5570
2217	286151,8440	9110040,7880
2218	286173,5099	9110108,9320
2219	286204,2355	9110100,6350
2220	286227,4130	9110095,7140
2221	286329,2164	9110081,9530
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2225	286345,1453	9110082,7230
2226	286350,3162	9110082,3160
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2231	286469,6184	9110081,4530
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2238	286570,1784	9110082,9670
2239	286592,4581	9110083,3730
2240	286594,8637	9110083,3730
2241	286598,2743	9110083,4620

2242	286653,1561	9110084,8930
2243	286656,0773	9110085,0150
2244	286658,1465	9110084,6490
2245	286660,0576	9110084,3350
2246	286661,8574	9110083,3530
2247	286663,0027	9110082,8080
2248	286663,9913	9110082,2840
2249	286666,9446	9110079,9120
2250	286667,1719	9110080,3460
2251	286675,0601	9110095,3890
2252	286677,5255	9110093,5170
2253	286680,4995	9110092,2850
2254	286683,6908	9110091,8650
2255	286684,8004	9110091,9150
2256	286704,0819	9110092,1030
2257	286722,8394	9110092,2850
2258	286732,4616	9110092,3790
2259	286799,6986	9110093,0330
2260	286819,0701	9110093,9640
2261	286838,4955	9110094,8970
2262	286899,8385	9110097,4750
2263	286900,0943	9110101,3540
2264	286900,3500	9110105,4040
2265	286900,7728	9110112,7120
2266	286901,9585	9110117,1970
2267	286903,7629	9110121,9910
2268	286905,9797	9110126,8890
2269	286907,5263	9110129,9820
2270	286911,0320	9110137,9220
2271	286911,2583	9110138,3120
2272	286912,6952	9110140,7870
2273	286913,5081	9110140,3640
2274	286915,8265	9110139,1590
2275	286924,3845	9110135,2410
2276	286942,0159	9110123,8470
2277	286944,3359	9110123,5380
2278	286946,3816	9110123,7900
2279	286951,4503	9110124,4140
2280	286963,5140	9110129,6210
2281	286969,5458	9110130,2400
2282	286976,5571	9110132,0440
2283	286983,2591	9110132,8720
2284	286991,0441	9110132,4380
2285	286996,6238	9110143,7290
2286	286999,1856	9110148,9970
2287	287005,9902	9110161,2630
2288	287006,8073	9110162,7360
2289	287009,0423	9110168,4270
2290	287009,4752	9110169,2130
2291	287009,7613	9110169,0820
2292	287013,1058	9110175,1070
2293	287017,8866	9110183,7200
2294	287072,7537	9110282,3450
2295	287079,1909	9110295,9970
2296	287114,0705	9110359,5340
2297	287114,3176	9110359,9840
2298	287044,8076	9110398,5600
2299	287002,2378	9110422,3730
2300	286979,7609	9110433,9400
2301	286897,1644	9110481,0620
2302	286886,5419	9110486,1960
2303	286890,6106	9110493,3870
2304	286914,1098	9110537,2050
2305	286919,4669	9110549,4310
2306	286921,6231	9110554,3520
2307	286932,8154	9110575,1330
2308	286934,2174	9110577,7370
2309	286938,6961	9110585,7480
2310	286952,5836	9110613,1680
2311	286925,0065	9110628,0260
2312	286800,4596	9110696,4630
2313	286761,8168	9110718,0310
2314	286743,6671	9110728,1610
2315	286735,7168	9110732,4800
2316	286730,6004	9110735,2590

2317	286706,7019	9110749,1060
2318	286679,6622	9110764,7720
2319	286671,9371	9110766,7180
2320	286658,8511	9110775,4710
2321	286644,0666	9110783,8120
2322	286639,1420	9110786,5900
2323	286606,9796	9110804,1470

66	290294,1023	9111625,6720
67	290290,9424	9111618,9920
68	290287,1910	9111613,8590
69	290282,4525	9111606,5540
70	290275,1472	9111598,4590
71	290267,8445	9111592,1400
72	290260,2665	9111587,2220
73	290244,9390	9111574,5680
74	290229,9336	9111563,5120
75	290220,0616	9111556,9960
76	290209,7966	9111550,6800
77	290205,6486	9111547,5190
78	290196,3689	9111542,9780
79	290180,3763	9111537,0550
80	290163,5940	9111532,1190
81	290083,6310	9111508,2290
82	290044,6572	9111496,7880
83	290040,9181	9111510,2370
84	290035,8507	9111531,1320
85	290031,7045	9111543,9650
86	290026,5711	9111556,4040
87	290020,2530	9111570,6200
88	290014,1172	9111579,4780
89	290009,4939	9111587,7570
90	290007,5676	9111591,0060
91	290000,2640	9111602,3020
92	289992,2916	9111613,1370
93	289983,6797	9111623,4710
94	289974,4594	9111633,2650
95	289964,6647	9111642,4850
96	289963,7019	9111643,3340
97	289932,8540	9111670,3470
98	289916,5211	9111684,6490
99	289908,8388	9111692,1450
100	289915,2130	9111698,9510
101	289939,9742	9111724,9740
102	289997,1311	9111785,0440
103	289998,6546	9111786,6450
104	290002,1065	9111783,5420
105	290007,2477	9111778,7360
106	290011,9529	9111774,0970
107	290021,1348	9111764,2020
108	290029,7086	9111753,7740
109	290032,1112	9111750,6100
110	290054,6803	9111725,3190
111	290090,9136	9111804,8160
112	290094,3002	9111812,1980
113	290097,7510	9111819,7200
114	290120,8559	9111872,8660
115	290170,5813	9111989,6120
116	290172,7943	9111994,6900
117	290182,7962	9112017,6440
118	290206,8284	9112072,7950
119	290215,5266	9112092,7560
120	290231,7465	9112129,9790
121	290238,3397	9112145,1090
122	290241,7209	9112153,1160
123	290219,5764	9112168,2430
124	290227,0017	9112184,5640
125	290232,2015	9112195,9930
126	290244,9741	9112224,0660
127	290328,0620	9112186,7330
128	290347,8065	9112177,8610
129	290368,6298	9112169,2920
130	290369,9360	9112172,1630
131	290376,5895	9112187,9020
132	290381,9243	9112200,5220
133	290396,3931	9112234,7500
134	290418,0138	9112222,7480
135	290446,9965	9112205,8600
136	290469,2575	9112192,2450
137	290471,5808	9112190,7850
138	290475,5659	9112188,2810
139	290503,7056	9112170,0230

TABELA 230 – ZRU 1 SETOR A – POLIGONO 01		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290503,7056	9112170,0230
2	290520,5742	9112159,6920
3	290535,9391	9112147,8990
4	290651,1050	9112056,6460
5	290697,2313	9112104,8470
6	290697,8120	9112105,5170
7	290702,0280	9112110,3810
8	290709,6259	9112118,3570
9	290766,1380	9112177,6810
10	290775,1399	9112164,0090
11	290863,5450	9112031,8730
12	290858,7764	9112026,5310
13	290830,8878	9111996,4580
14	290826,5944	9111991,1380
15	290821,1120	9111984,3450
16	290820,6358	9111983,7550
17	290819,6499	9111982,7070
18	290781,3379	9111941,9970
19	290771,4156	9111930,2820
20	290757,7773	9111914,7770
21	290753,2179	9111908,8320
22	290750,2631	9111905,3900
23	290745,1274	9111899,2370
24	290744,4281	9111898,4540
25	290743,3106	9111897,5250
26	290742,7146	9111897,0700
27	290739,2089	9111893,8730
28	290736,3288	9111891,0060
29	290694,5353	9111844,2710
30	290681,1309	9111853,6880
31	290666,3720	9111863,6810
32	290659,2169	9111868,4330
33	290641,5075	9111880,4570
34	290625,1711	9111891,5160
35	290619,2813	9111885,3310
36	290561,0136	9111849,2660
37	290556,3545	9111847,2800
38	290551,6954	9111845,5240
39	290546,9599	9111844,7600
40	290542,2244	9111844,3020
41	290537,4125	9111844,7600
42	290532,5243	9111846,2110
43	290528,3998	9111847,8920
44	290523,4352	9111850,7180
45	290519,6023	9111853,4010
46	290508,3761	9111864,4670
47	290505,9348	9111867,0690
48	290493,3859	9111881,0730
49	290485,2417	9111890,2000
50	290484,1269	9111889,2380
51	290449,1479	9111857,4240
52	290443,4714	9111851,9790
53	290434,0303	9111842,9240
54	290398,3719	9111809,1000
55	290370,2142	9111781,4500
56	290364,9954	9111775,7200
57	290359,1903	9111770,5000
58	290352,4286	9111763,0340
59	290348,4843	9111756,8350
60	290345,1034	9111751,7640
61	290342,5678	9111745,7070
62	290340,4548	9111741,3400
63	290314,8166	9111674,4270
64	290307,9151	9111655,4050
65	290302,1964	9111640,1180

66	290294,1023	9111625,6720
67	290290,9424	9111618,9920
68	290287,1910	9111613,8590
69	290282,4525	9111606,5540
70	290275,1472	9111598,4590
71	290267,8445	9111592,1400
72	290260,2665	9111587,2220
73	290244,9390	9111574,5680
74	290229,9336	9111563,5120
75	290220,0616	9111556,9960
76	290209,7966	9111550,6800
77	290205,6486	9111547,5190
78	290196,3689	9111542,9780
79	290180,3763	9111537,0550
80	290163,5940	9111532,1190
81	290083,6310	9111508,2290
82	290044,6572	9111496,7880
83	290040,9181	9111510,2370
84	290035,8507	9111531,1320
85	290031,7045	9111543,9650
86	290026,5711	9111556,4040
87	290020,2530	9111570,6200
88	290014,1172	9111579,4780
89	290009,4939	9111587,7570
90	290007,5676	9111591,0060
91	290000,2640	9111602,3020
92	289992,2916	9111613,1370
93	289983,6797	9111623,4710
94	289974,4594	9111633,2650
95	289964,6647	9111642,4850
96	289963,7019	9111643,3340
97	289932,8540	9111670,3470
98	289916,5211	9111684,6490
99	289908,8388	9111692,1450
100	289915,2130	9111698,9510
101	289939,9742	9111724,9740
102	289997,1311	9111785,0440
103	289998,6546	9111786,6450
104	290002,1065	9111783,5420
105	290007,2477	9111778,7360
106	290011,9529	9111774,0970
107	290021,1348	9111764,2020
108	290029,7086	9111753,7740
109	290032,1112	9111750,6100
110	290054,6803	9111725,3190
111	290090,9136	9111804,8160
112	290094,3002	9111812,1980
113	290097,7510	9111819,7200
114	290120,8559	9111872,8660
115	290170,5813	9111989,6120
116	290172,7943	9111994,6900
117	290182,7962	9112017,6440
118	290206,8284	9112072,7950
119	290215,5266	9112092,7560
120	290231,7465	9112129,9790
121	290238,3397	9112145,1090
122	290241,7209	9112153,1160
123	290219,5764	9112168,2430
124	290227,0017	9112184,5640
125	290232,2015	9112195,9930
126	290244,9741	9112224,0660
127	290328,0620	9112186,7330
128	290347,8065	9112177,8610
129	290368,6298	9112169,2920
130	290369,9360	9112172,1630
131	290376,5895	9112187,9020
132	290381,9243	9112200,5220
133	290396,3931	9112234,7500
134	290418,0138	9112222,7480
135	290446,9965	9112205,8600
136	290469,2575	9112192,2450
137	290471,5808	9112190,7850
138	290475,5659	9112188,2810
139	290503,7056	9112170,0230

TABELA 231 – ZRU 1 SETOR A – POLÍGONO 02		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292670,1811	9112340,2420
2	292677,4183	9112292,6740
3	292681,5514	9112294,0680
4	292723,4959	9112308,2150
5	292736,1998	9112312,4460
6	292751,2277	9112317,4510
7	292768,2561	9112322,1500
8	292774,7565	9112325,4340
9	292795,2090	9112333,0000
10	292795,6035	9112333,1460
11	292822,5683	9112342,3120
12	292875,9220	9112360,4500
13	292887,7431	9112363,5180
14	292888,1434	9112362,8890
15	292893,3846	9112351,1900
16	292896,6669	9112347,3420
17	292893,9336	9112335,0770
18	292895,6508	9112325,0590
19	292902,5061	9112283,2450
20	292904,3743	9112271,5330
21	292904,7824	9112268,9750
22	292905,6790	9112264,3400
23	292909,2947	9112243,0590
24	292911,0696	9112232,5360
25	292914,6538	9112211,9530
26	292914,8489	9112210,6800
27	292916,5789	9112200,7850
28	292917,8952	9112193,2550
29	292922,9564	9112164,4970
30	292924,3657	9112155,2830
31	292925,5841	9112142,6530
32	292925,7109	9112140,2990
33	292925,8033	9112138,5830
34	292926,1104	9112133,9820
35	292927,3119	9112125,1120
36	292927,6838	9112123,1720
37	292929,2828	9112116,4620
38	292930,3142	9112112,2280
39	292931,5226	9112104,5980
40	292931,8133	9112100,9760
41	292931,9024	9112099,4730
42	292933,1134	9112086,6620
43	292934,9765	9112074,7460
44	292935,5428	9112071,6700
45	292938,4560	9112054,2050
46	292938,9484	9112051,3990
47	292939,1251	9112050,3920
48	292939,8951	9112046,9040
49	292941,1625	9112042,2580
50	292942,0379	9112039,5370
51	292949,1358	9112000,5990
52	292949,2712	9111999,8560
53	292952,0389	9111981,7100
54	292958,5453	9111942,3400
55	292959,8567	9111935,1570
56	292951,0322	9111933,4710
57	292913,8855	9111928,1650
58	292913,2952	9111928,0810
59	292906,7313	9111927,1760
60	292908,3146	9111920,8540
61	292909,7179	9111911,7990
62	292913,6706	9111886,2920
63	292914,5644	9111880,5250
64	292915,6424	9111873,5690
65	292918,1747	9111857,2280
66	292921,1778	9111837,8490
67	292922,4768	9111830,5350
68	292923,9155	9111822,4340
69	292930,3578	9111784,4820
70	292931,5942	9111778,6640
71	292937,7439	9111779,8340
72	292941,3149	9111780,4250
73	292983,7826	9111787,4560

74	293000,0915	9111688,9000
75	293002,3737	9111676,1100
76	293002,8227	9111673,9420
77	293003,3759	9111671,8510
78	293004,1151	9111669,8690
79	293005,3783	9111666,4820
80	293008,1243	9111661,4530
81	293011,5580	9111656,8670
82	293015,6095	9111652,8150
83	293018,7147	9111650,3810
84	293018,8783	9111650,3180
85	293025,2786	9111648,3240
86	293031,8728	9111647,1160
87	293038,5645	9111646,7110
88	293045,2561	9111647,1160
89	293045,9405	9111647,2030
90	293070,4860	9111537,6180
91	293070,4952	9111537,5770
92	293077,6692	9111505,5480
93	293095,5603	9111426,5850
94	293097,4291	9111417,7590
95	293099,8293	9111406,4240
96	293103,7656	9111388,3510
97	293104,3490	9111385,6940
98	293107,4430	9111372,6720
99	293110,3187	9111360,5700
100	293115,2057	9111342,2930
101	293118,2188	9111331,7360
102	293126,1160	9111306,2630
103	293131,7083	9111289,9730
104	293125,6324	9111288,1180
105	293113,7824	9111283,1180
106	293115,9224	9111279,3480
107	293100,2624	9111268,9680
108	293090,6717	9111262,6910
109	293087,7024	9111260,7480
110	293081,4807	9111256,6730
111	293073,7124	9111272,8780
112	293058,6724	9111318,1680
113	293056,4368	9111325,3800
114	293035,0582	9111319,6810
115	293040,6124	9111301,2880
116	293046,1624	9111283,9980
117	293048,9948	9111275,5870
118	293049,6424	9111271,9080
119	293053,0624	9111267,8080
120	293074,2324	9111246,9480
121	293070,3824	9111242,2780
122	293071,7324	9111239,1780
123	293071,1524	9111239,0480
124	293061,3824	9111235,9180
125	293076,0333	9111195,1500
126	293081,1053	9111171,2130
127	293050,8763	9111161,4980
128	293061,1064	9111130,9870
129	293090,5624	9111141,7280
130	293102,7380	9111145,7120
131	293132,2017	9111159,3080
132	293150,7291	9111167,8580
133	293165,9656	9111088,9150
134	293180,1380	9111015,4850
135	293181,6215	9111014,4840
136	293180,5094	9111013,9180
137	293174,7969	9111011,0120
138	293172,7388	9111010,0330
139	293112,8670	9110981,5490
140	293108,2849	9110979,3700
141	293092,9838	9110972,0900
142	293087,1638	9110969,3640
143	293037,7804	9110946,2280
144	293007,8957	9110932,2270
145	292998,1430	9110927,8580
146	292967,1941	9110913,8730
147	292957,6405	9110908,9140
148	292953,6822	9110907,0820

149	292942,2399	9110901,8560
150	292940,6090	9110901,2430
151	292877,1992	9110871,8430
152	292834,8315	9110852,1060
153	292773,9022	9110961,5700
154	292760,4980	9110984,9630
155	292802,6976	9111001,8650
156	292743,7666	9111162,1090
157	292743,1403	9111164,0590
158	292705,4312	9111152,6440
159	292704,2783	9111157,2960
160	292695,1390	9111184,3100
161	292698,1362	9111184,9140
162	292696,1322	9111194,0580
163	292695,1824	9111198,3920
164	292694,2826	9111202,4970
165	292693,3119	9111207,0970
166	292692,9541	9111210,6770
167	292692,9458	9111212,6260
168	292696,4101	9111213,4750
169	292695,7688	9111255,2750
170	292693,5241	9111260,5980
171	292683,3919	9111284,6480
172	292681,5204	9111289,5810
173	292681,1875	9111290,4580
174	292617,8980	9111273,4400
175	292613,1461	9111272,0410
176	292609,8440	9111271,5200
177	292601,2318	9111304,8180
178	292594,0326	9111302,1770
179	292586,3119	9111299,1380
180	292578,9470	9111297,1020
181	292578,7329	9111297,0420
182	292577,4496	9111301,0390
183	292577,2220	9111301,7470
184	292567,7112	9111298,6230
185	292567,4850	9111298,5450
186	292562,9720	9111296,9880
187	292552,3546	9111329,0790
188	292535,6104	9111325,8000
189	292530,9183	9111324,8810
190	292527,2906	9111324,0860
191	292521,1583	9111321,9250
192	292517,8361	9111320,3810
193	292514,2699	9111318,4480
194	292508,1950	9111314,4110
195	292520,1463	9111301,1930
196	292526,9273	9111297,3640
197	292461,1930	9111220,9680
198	292460,6104	9111220,4150
199	292442,2637	9111202,9720
200	292415,8726	9111232,1840
201	292445,4447	9111258,3080
202	292444,6436	9111260,3400
203	292437,4386	9111278,9090
204	292436,5649	9111280,9670
205	292421,9489	9111296,2280
206	292405,6468	9111313,2500
207	292392,2774	9111327,4560
208	292354,6162	9111367,4740
209	292349,9340	9111372,0060
210	292344,5466	9111377,2200
211	292337,6600	9111384,4680
212	292289,7683	9111434,8700
213	292221,9149	9111506,9550
214	292214,7509	9111514,5660
215	292216,6045	9111515,8340
216	292292,7902	9111567,9480
217	292300,9133	9111574,2420
218	292295,9822	9111582,3540
219	292270,4934	9111623,5380
220	292267,2453	9111629,4100
221	292263,8854	9111635,4840
222	292234,9546	9111681,9050
223	292228,6250	9111693,3910

224	292235,3149	9111697,9950
225	292325,3935	9111744,1600
226	292332,0228	9111746,9490
227	292293,8911	9111816,2430
228	292247,7127	9111893,4380
229	292242,9388	9111900,9540
230	292225,6608	9111931,4420
231	292188,3320	9111986,9290
232	292255,9269	9112019,1160
233	292254,5870	9112022,3110
234	292251,9072	9112025,7640
235	292248,0025	9112030,9370
236	292246,4562	9112033,7560
237	292245,4654	9112036,7410
238	292242,6294	9112042,4750
239	292237,5803	9112053,4340
240	292219,7926	9112072,9700
241	292217,5121	9112072,1340
242	292210,8228	9112079,4320
243	292193,5229	9112101,1390
244	292191,5681	9112103,8070
245	292185,8945	9112100,0890
246	292181,4792	9112096,8500
247	292165,2687	9112084,6750
248	292148,5949	9112073,3530
249	292141,1947	9112068,6310
250	292136,6097	9112065,5110
251	292136,3529	9112065,3400
252	292130,0576	9112061,2830
253	292126,7557	9112058,8770
254	292113,3472	9112049,7360
255	292104,7653	9112044,3800
256	292089,3450	9112034,4270
257	292029,9578	9111996,0950
258	292022,7759	9111992,2220
259	292019,4953	9111997,9900
260	291991,3605	9112040,1470
261	291988,5395	9112044,3740
262	291988,2069	9112044,8730
263	291970,2822	9112071,7310
264	291965,5446	9112078,6430
265	292185,5463	9112227,1930
266	292307,4751	9112309,5220
267	292365,6866	9112346,6660
268	292373,6131	9112351,9500
269	292375,0229	9112352,9370
270	292388,3080	9112361,6930
271	292402,0197	9112369,7650
272	292416,1224	9112377,1310
273	292421,1957	9112379,5640
274	292457,4139	9112396,5310
275	292487,8817	9112410,8050
276	292499,3683	9112414,6420
277	292514,8112	9112419,8000
278	292530,5162	9112423,2640
279	292537,7503	9112424,9390
280	292549,2220	9112428,0130
281	292554,0843	9112429,3160
282	292578,3278	9112436,6060
283	292581,3536	9112437,4490
284	292601,3077	9112443,1420
285	292635,8121	9112452,2780
286	292636,7301	9112452,4870
287	292648,1411	9112453,2670
288	292650,4818	9112444,9770
289	292650,4818	9112434,2430
290	292655,8941	9112424,7180
291	292657,6670	9112413,9370
292	292665,7366	9112364,8690
293	292670,1811	9112340,2420
TABELA 232 – ZRU 1 SETOR A – POLIGONO 03		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291419,1831	9113283,5490
2	291422,2525	9113280,2720

3	291423,3421	9113281,5320
4	291483,7537	9113350,6700
5	291488,7991	9113346,5290
6	291489,0007	9113346,3400
7	291491,2350	9113348,9260
8	291536,8652	9113309,1790
9	291543,0232	9113304,0570
10	291592,0328	9113263,2920
11	291600,6534	9113253,3360
12	291601,8126	9113251,9970
13	291618,6890	9113232,5060
14	291661,0089	9113180,9270
15	291662,4130	9113178,5930
16	291664,3993	9113174,0650
17	291665,6133	9113169,2710
18	291665,9476	9113166,4470
19	291675,9062	9113168,2180
20	291723,5313	9113178,9340
21	291765,3825	9113189,3270
22	291782,6657	9113193,6180
23	291808,5950	9113199,3070
24	291815,7387	9113200,4970
25	291821,0304	9113201,4240
26	291826,9835	9113201,9530
27	291832,9367	9113202,0850
28	291842,8586	9113201,2910
29	291848,9440	9113200,6300
30	291857,3688	9113199,2880
31	291861,1149	9113198,6450
32	291880,6578	9113191,8640
33	291902,8584	9113184,7010
34	291909,0790	9113182,6230
35	291968,4400	9113163,3410
36	291968,0857	9113155,5000
37	291962,8202	9113139,1720
38	291965,4252	9113138,5210
39	291960,6493	9113124,6820
40	291960,1681	9113122,8340
41	291960,0211	9113122,2700
42	291954,0471	9113124,4930
43	291951,8583	9113117,4830
44	291950,1724	9113112,0840
45	291947,7871	9113102,9190
46	291939,9608	9113104,3920
47	291936,9527	9113093,7620
48	291942,3770	9113091,9830
49	291941,2916	9113087,5490
50	291928,8848	9113052,7290
51	291941,7764	9113047,3740
52	291938,2908	9113039,3870
53	291936,2360	9113034,7450
54	291933,7541	9113028,0450
55	291924,4188	9113000,0390
56	291910,0232	9112960,4290
57	291905,5390	9112948,5870
58	291912,3869	9112945,6350
59	291907,2136	9112931,7890
60	291904,0635	9112923,3130
61	291990,8331	9112888,2690
62	292082,2465	9112854,1900
63	292119,3413	9112939,4430
64	292131,8563	9112969,2870
65	292144,0807	9112992,4750
66	292173,8024	9113034,4590
67	292185,0113	9113049,6880
68	292194,4862	9113041,9220
69	292203,0676	9113036,2420
70	292225,0280	9113022,3510
71	292234,4207	9113016,5300
72	292248,8362	9113007,5830
73	292255,8642	9113003,6230
74	292263,7896	9112998,4060
75	292267,6016	9112996,1070
76	292286,0810	9112984,9630
77	292302,3935	9112976,0230

78	292320,3622	9112966,1750
79	292350,9344	9112949,2610
80	292352,6011	9112948,3390
81	292353,5278	9112947,8270
82	292361,7498	9112943,2780
83	292382,7362	9112931,8760
84	292383,9249	9112931,2300
85	292408,3927	9112918,1580
86	292417,1505	9112913,4800
87	292428,8471	9112907,2310
88	292450,0138	9112896,3830
89	292453,2341	9112894,5880
90	292457,4637	9112892,2670
91	292468,0055	9112886,7260
92	292481,8305	9112879,3590
93	292486,1295	9112877,0680
94	292496,9068	9112871,3740
95	292496,7705	9112871,0120
96	292494,2489	9112863,7660
97	292490,4609	9112854,4890
98	292488,7177	9112850,4500
99	292485,5506	9112841,6180
100	292468,4581	9112792,0450
101	292467,5087	9112789,3470
102	292452,2418	9112745,9570
103	292449,1167	9112737,0750
104	292447,8745	9112733,5450
105	292439,7583	9112736,4220
106	292439,7470	9112736,3750
107	292430,5832	9112739,5650
108	292428,2959	9112740,3620
109	292415,6179	9112744,7760
110	292406,4897	9112748,0840
111	292398,7449	9112750,6220
112	292396,0476	9112751,5390
113	292395,2711	9112751,8020
114	292381,2739	9112712,1890
115	292377,0633	9112701,0810
116	292364,6189	9112665,9090
117	292362,6519	9112660,4430
118	292359,4613	9112650,5440
119	292359,4083	9112650,3800
120	292326,8707	9112660,6260
121	292313,0574	9112624,7120
122	292302,0744	9112627,2980
123	292251,7065	9112644,2390
124	292248,8190	9112637,5900
125	292230,6156	9112591,4470
126	292219,7968	9112562,9430
127	292219,6089	9112562,4480
128	292216,1434	9112554,0080
129	292207,2664	9112557,5570
130	292144,5707	9112582,6280
131	292078,2745	9112610,5660
132	292074,4888	9112612,1700
133	292013,1314	9112638,1130
134	292005,6294	9112640,8990
135	292003,1071	9112634,0800
136	291996,2477	9112614,1300
137	291987,1719	9112587,7350
138	291984,8638	9112581,0220
139	291984,8265	9112580,9140
140	291971,2674	9112544,0380
141	291966,9808	9112532,4960
142	291967,0652	9112532,3370
143	291958,6099	9112509,2120
144	291942,9864	9112467,6590
145	291941,3694	9112462,8120
146	291930,2910	9112436,7440
147	291927,2216	9112430,6870
148	291919,7345	9112415,4400
149	291919,6458	9112415,2000
150	291918,2284	9112412,0650
151	291917,6058	9112410,9640
152	291914,8422	9112407,1600

153	291911,4438	9112403,9110
154	291907,5198	9112401,3210
155	291903,1963	9112399,4730
156	291900,7402	9112398,8050
157	291844,5805	9112386,1490
158	291825,0648	9112382,3960
159	291812,2130	9112379,9240
160	291766,8653	9112370,6470
161	291736,3444	9112364,4040
162	291732,0204	9112363,5190
163	291677,1274	9112352,1290
164	291674,2976	9112352,0100
165	291668,9998	9112352,4270
166	291663,8325	9112353,6680
167	291658,9229	9112355,7010
168	291657,9223	9112356,2330
169	291654,3919	9112358,4780
170	291650,3510	9112361,9290
171	291649,0475	9112363,3080
172	291635,9782	9112379,5240
173	291635,9576	9112379,5500
174	291634,7852	9112380,8800
175	291631,5360	9112383,6950
176	291627,8126	9112385,8450
177	291623,7496	9112387,2510
178	291619,4940	9112387,8630
179	291615,1995	9112387,6590
180	291509,2310	9112366,4400
181	291497,1973	9112364,0300
182	291465,2210	9112357,2530
183	291337,8651	9112330,2610
184	291326,1781	9112327,9090
185	291221,3408	9112305,0560
186	291207,6911	9112301,9520
187	291197,6835	9112299,6760
188	291172,3981	9112293,9260
189	291164,5787	9112292,1890
190	291119,3732	9112281,9560
191	291078,4970	9112274,6640
192	291074,1535	9112273,3170
193	291066,5643	9112270,9640
194	291065,4125	9112270,6070
195	291065,2657	9112280,0890
196	291060,6708	9112307,1740
197	291056,0761	9112334,0170
198	291049,5467	9112371,2590
199	291047,8886	9112381,3340
200	291041,8156	9112380,0150
201	290989,1787	9112369,7260
202	290980,2152	9112367,9890
203	290973,8454	9112366,7540
204	290884,0857	9112349,9030
205	290882,0427	9112350,6870
206	290875,2208	9112353,1430
207	290851,3111	9112362,0020
208	290850,8267	9112362,1760
209	290858,2759	9112393,1670
210	290783,7749	9112426,9200
211	290777,9995	9112429,1270
212	290770,2115	9112432,8460
213	290762,8058	9112437,2770
214	290755,8477	9112442,3820
215	290749,3983	9112448,1170
216	290743,5141	9112454,4300
217	290741,9005	9112456,5250
218	290738,2470	9112461,2670
219	290733,6432	9112468,5660
220	290729,7433	9112476,2650
221	290728,1033	9112480,1540
222	290717,1641	9112504,6140
223	290714,0305	9112511,6210
224	290713,7188	9112512,1710
225	290709,8215	9112519,0430
226	290702,6016	9112530,5820
227	290713,1155	9112539,3330

228	290714,3750	9112540,2930
229	290715,8756	9112541,4370
230	290733,9771	9112555,2360
231	290734,6967	9112555,8840
232	290751,7676	9112571,2540
233	290769,7013	9112587,7050
234	290771,6970	9112589,8230
235	290787,2690	9112606,3500
236	290789,5798	9112608,9480
237	290793,3625	9112613,9640
238	290793,2864	9112614,0240
239	290766,9589	9112641,8380
240	290766,1326	9112642,7100
241	290757,1762	9112652,1720
242	290756,6214	9112654,5440
243	290755,5420	9112659,1860
244	290754,7273	9112666,2860
245	290754,7273	9112673,4330
246	290755,5420	9112680,5330
247	290757,1607	9112687,4940
248	290759,4022	9112693,7770
249	290759,5623	9112694,2250
250	290760,3739	9112696,0630
251	290763,3199	9112700,2480
252	290766,1915	9112704,3270
253	290775,4053	9112717,4150
254	290810,3147	9112756,6120
255	290812,8230	9112759,4290
256	290818,1815	9112767,8270
257	290834,1766	9112792,8960
258	290836,2555	9112796,3530
259	290839,7653	9112803,3750
260	290840,1852	9112804,3540
261	290840,7364	9112805,6860
262	290847,0445	9112820,9280
263	290847,5556	9112822,1630
264	290860,3962	9112853,1880
265	290860,6742	9112853,8230
266	290861,0538	9112854,6890
267	290877,1122	9112891,3530
268	290878,6242	9112894,5890
269	290879,2525	9112895,9330
270	290880,9506	9112899,3380
271	290884,6429	9112905,7330
272	290884,8805	9112906,1450
273	290886,0121	9112908,1050
274	290891,7627	9112916,4360
275	290898,1650	9112924,2780
276	290900,3564	9112927,3850
277	290901,5353	9112929,0570
278	290901,6225	9112929,1800
279	290902,4204	9112930,3120
280	290906,7965	9112936,6770
281	290916,7424	9112945,0320
282	290929,4732	9112954,9780
283	290939,8169	9112962,5370
284	290946,5801	9112966,9130
285	290962,4935	9112976,4610
286	290974,4286	9112985,2130
287	290979,9983	9112990,3850
288	290985,5680	9112994,3640
289	290991,9334	9113000,7290
290	290999,4923	9113007,4920
291	291006,2555	9113014,6530
292	291011,2513	9113019,0610
293	291019,7819	9113026,5880
294	291078,5774	9113072,5380
295	291081,3105	9113075,0620
296	291103,9779	9113096,0000
297	291112,4694	9113103,0800
298	291113,3010	9113103,7730
299	291118,8692	9113108,4150
300	291125,7459	9113114,1490
301	291129,5454	9113117,3170
302	291150,4817	9113134,7720

303	291191,9607	9113169,3560
304	291192,0143	9113169,4010
305	291191,3188	9113170,2100
306	291192,8352	9113170,0850
307	291220,6190	9113193,0080
308	291220,6846	9113193,0550
309	291225,4297	9113195,9510
310	291230,5459	9113198,1250
311	291232,9531	9113198,8590
312	291223,3073	9113210,1970
313	291200,0322	9113237,2080
314	291222,3972	9113254,7920
315	291226,6149	9113255,4720
316	291232,3452	9113261,8290
317	291252,9827	9113283,8950
318	291279,8116	9113315,1690
319	291283,8544	9113318,3470
320	291287,7929	9113323,4670
321	291319,2219	9113362,5070
322	291324,3546	9113367,3360
323	291324,9767	9113366,3980
324	291325,7902	9113364,9780
325	291328,4422	9113361,4660
326	291330,6857	9113359,3070
327	291385,3860	9113312,0810
328	291412,1899	9113289,0940
329	291414,5433	9113287,4710
330	291419,1831	9113283,5490

TABELA 233 – ZRU 1 SETOR A – POLÍGONO 04

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292242,4012	9110569,5180
2	292241,6881	9110570,2470
3	292211,5873	9110601,0460
4	292177,1998	9110631,7440
5	292171,0016	9110637,2770
6	292157,4508	9110650,7220
7	292146,4979	9110661,5900
8	292137,2178	9110670,7970
9	292127,6015	9110680,3390
10	292118,9029	9110688,9690
11	292061,3002	9110745,9830
12	292064,6924	9110752,1940
13	292078,4916	9110764,6540
14	292148,1826	9110827,5780
15	292186,0300	9110861,7500
16	292188,6292	9110863,7930
17	292192,3351	9110865,7740
18	292193,5939	9110866,2500
19	292193,6278	9110866,2610
20	292193,9512	9110865,8950
21	292200,4476	9110858,0160
22	292201,3014	9110857,1950
23	292206,6748	9110852,6860
24	292212,5354	9110848,8310
25	292218,8038	9110845,6830
26	292225,3952	9110843,2840
27	292226,0546	9110843,0910
28	292228,9063	9110842,1340
29	292234,4314	9110840,9320
30	292240,0711	9110840,5290
31	292242,8335	9110840,6250
32	292247,2918	9110841,0690
33	292254,9858	9110842,4720
34	292262,4949	9110844,6570
35	292268,4953	9110847,0350
36	292274,5811	9110849,7490
37	292280,7782	9110852,5130
38	292403,7567	9110911,4680
39	292412,2843	9110915,6580
40	292434,0055	9110926,3300
41	292511,6377	9110963,2200
42	292514,8529	9110957,7180
43	292514,9027	9110957,7440
44	292515,2909	9110957,0800

45	292534,4156	9110930,3130
46	292542,8680	9110918,4840
47	292555,1579	9110901,2830
48	292563,7907	9110887,5990
49	292585,9908	9110858,6430
50	292598,4370	9110838,2480
51	292608,5336	9110821,7040
52	292592,3876	9110814,1790
53	292607,8623	9110785,7190
54	292598,4738	9110781,1870
55	292614,1479	9110751,2880
56	292615,6760	9110748,3730
57	292615,8238	9110748,0690
58	292602,7899	9110742,6370
59	292557,7169	9110720,8100
60	292555,6029	9110719,8350
61	292516,4714	9110701,7850
62	292504,5833	9110695,8210
63	292496,4819	9110691,7570
64	292457,2331	9110672,8450
65	292443,1050	9110666,8490
66	292411,6169	9110651,5440
67	292377,1329	9110635,4500
68	292289,3372	9110591,8280
69	292282,6772	9110588,6700
70	292259,7623	9110577,8010
71	292242,4012	9110569,5180

TABELA 234 – ZRU 1 SETOR A – POLÍGONO 05

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289694,5473	9110531,9210
2	289699,6687	9110509,2870
3	289705,9371	9110489,3590
4	289718,4030	9110449,7300
5	289723,2138	9110435,9030
6	289735,1111	9110401,7090
7	289738,7120	9110391,3590
8	289746,5804	9110368,7650
9	289755,6761	9110342,6470
10	289758,6615	9110333,1200
11	289764,3832	9110314,8600
12	289771,0380	9110293,6230
13	289775,1975	9110280,3490
14	289778,9374	9110270,1450
15	289796,2932	9110222,7900
16	289797,3044	9110219,7920
17	289806,2323	9110193,3300
18	289815,5361	9110165,7550
19	289818,5773	9110156,7410
20	289824,0390	9110139,9070
21	289824,0894	9110139,7520
22	289825,1483	9110136,4880
23	289827,8522	9110128,1540
24	289842,4367	9110083,2040
25	289848,6738	9110065,5260
26	289867,4812	9110012,2190
27	289867,7272	9110011,4720
28	289872,7823	9109996,1260
29	289888,9811	9109946,9480
30	289889,9027	9109944,1080
31	289903,5842	9109901,9470
32	289903,6610	9109901,7070
33	289904,8666	9109896,5550
34	289905,2716	9109891,2800
35	289905,1681	9109888,6070
36	289904,8666	9109886,0040
37	289904,3720	9109883,4460
38	289903,7707	9109875,5720
39	289901,7846	9109849,5650
40	289900,1307	9109827,9070
41	289899,7409	9109822,8030
42	289898,1286	9109799,3720
43	289895,4934	9109761,0750
44	289895,3443	9109758,9090
45	289893,9543	9109738,7080

46	289889,1874	9109678,2960
47	289887,0587	9109651,3190
48	289885,8881	9109633,3520
49	289884,7221	9109615,4550
50	289883,7501	9109600,5370
51	289882,4115	9109579,9910
52	289882,0995	9109575,2010
53	289877,1299	9109508,7370
54	289877,0976	9109508,3050
55	289874,6600	9109475,7030
56	289869,2778	9109407,6660
57	289869,1337	9109405,8440
58	289867,0880	9109379,9840
59	289866,8958	9109377,5550
60	289866,4040	9109377,3810
61	289866,4040	9109371,3380
62	289866,1104	9109367,6260
63	289863,2164	9109324,4920
64	289862,6708	9109316,3600
65	289860,4661	9109318,5030
66	289859,6741	9109332,3290
67	289859,7823	9109332,3420
68	289894,1241	9109255,6900
69	289894,4849	9109249,4290
70	289894,4888	9109249,3610
71	289898,0738	9109187,1420
72	289898,3992	9109180,6580
73	289898,7406	9109169,1160
74	289898,7513	9109167,8170
75	289898,7473	9109167,0210
76	289898,3447	9109159,7990
77	289897,8657	9109156,0020
78	289891,7415	9109114,6960
79	289894,3174	9109065,9810
80	289883,8607	9109062,9840
81	289881,2048	9109048,3140
82	289873,5424	9109005,9900
83	289868,7660	9108979,6070
84	289867,5210	9108971,5260
85	289867,5185	9108971,5100
86	289856,7245	9108901,4520
87	289842,1254	9108817,7090
88	289837,1635	9108788,1200
89	289828,4472	9108736,1420
90	289816,0103	9108658,4050
91	289809,3234	9108616,6090
92	289830,4890	9108597,8270
93	289887,4201	9108546,5100
94	289888,3806	9108545,6440
95	290019,2474	9108518,4780
96	290022,9020	9108515,2610
97	290052,6208	9108490,1880
98	290052,9112	9108489,7270
99	290057,8372	9108481,9170
100	290062,0048	9108475,7700
101	290065,3965	9108469,3960
102	290070,9235	9108460,6540
103	290072,3535	9108458,3920
104	290075,9324	9108448,9560
105	290076,4542	9108446,2680
106	290078,8645	9108433,8530
107	290078,7279	9108425,0690
108	290067,1181	9108362,7270
109	290064,9281	9108348,8410
110	290063,5345	9108339,4340
111	290062,3897	9108329,3300
112	290062,2270	9108319,2310
113	290061,9915	9108313,3530
114	290062,2901	9108308,8730
115	290063,7335	9108297,7740
116	290066,2222	9108288,9140
117	290069,2309	9108279,0330
118	290071,0108	9108273,1870
119	290072,1188	9108264,3150
120	290077,3216	9108250,9370

121	290083,6427	9108227,5440
122	290093,6471	9108194,6940
123	290098,1764	9108177,9210
124	290101,9094	9108165,8260
125	290109,9228	9108135,2650
126	290117,2892	9108114,7590
127	290121,9489	9108106,3920
128	290130,8998	9108090,3200
129	290131,8124	9108088,3630
130	290132,3713	9108086,2770
131	290132,5595	9108084,1250
132	290132,3713	9108081,9740
133	290132,1209	9108080,8580
134	290131,8124	9108079,8880
135	290130,8998	9108077,9310
136	290129,6611	9108076,1620
137	290128,1341	9108074,6350
138	290127,0809	9108073,8430
139	290085,5708	9108045,9470
140	290064,0293	9108033,6140
141	290048,5461	9108027,0450
142	290048,5461	9108023,6540
143	290042,0152	9108023,6540
144	290040,9568	9108023,6540
145	290040,0403	9108023,6540
146	290034,4259	9108021,4280
147	290009,3429	9108011,4830
148	289979,6126	9108000,0940
149	289938,1008	9107984,3050
150	289931,6553	9107982,0660
151	289923,5055	9107980,0240
152	289915,1948	9107978,7920
153	289906,8034	9107978,3790
154	289901,6008	9107978,5380
155	289877,2053	9107980,0230
156	289862,6360	9107980,9100
157	289824,8424	9107987,2020
158	289778,8407	9107994,8610
159	289744,4130	9107998,7140
160	289743,3738	9107998,8300
161	289743,5605	9107999,9620
162	289730,9646	9108001,9890
163	289730,5332	9107998,6110
164	289730,3556	9107998,5640
165	289724,7991	9107997,0950
166	289714,0473	9107996,9100
167	289704,8467	9107998,2950
168	289678,6040	9108003,0500
169	289641,3332	9108013,5310
170	289623,4919	9108017,3880
171	289615,9419	9108049,9670
172	289597,1048	9108144,9380
173	289579,0427	9108240,1470
174	289577,6519	9108246,8190
175	289577,5164	9108246,8270
176	289567,5853	9108294,9610
177	289567,6153	9108294,9680
178	289560,9938	9108326,7340
179	289559,0192	9108336,3170
180	289557,8996	9108341,7500
181	289556,9030	9108346,5860
182	289544,7655	9108405,4870
183	289541,3131	9108424,5110
184	289530,8973	9108481,9080
185	289529,3981	9108495,7830
186	289528,5872	9108510,6100
187	289528,5872	9108525,4590
188	289529,3981	9108540,2860
189	289529,7510	9108544,2300
190	289531,2436	9108559,6470
191	289540,7804	9108614,8510
192	289541,2465	9108618,9760
193	289546,1575	9108662,4320
194	289555,4472	9108705,9900
195	289556,7522	9108712,1090

196	289562,6906	9108739,9530
197	289608,0981	9108732,7530
198	289618,4604	9108731,1100
199	289624,2087	9108730,1370
200	289685,2681	9108719,8030
201	289686,4452	9108719,6040
202	289687,6943	9108718,8460
203	289691,8512	9108718,8460
204	289688,6770	9108744,7020
205	289692,5852	9108766,4860
206	289694,3771	9108766,5830
207	289708,6051	9108879,0240
208	289708,6169	9108879,0230
209	289729,9599	9109060,1080
210	289708,8418	9109062,4840
211	289620,2173	9109089,1710
212	289611,5965	9109038,2520
213	289572,4203	9109042,7730
214	289565,7321	9108998,6460
215	289556,9944	9109001,6390
216	289524,2640	9108939,0980
217	289504,0127	9108950,4910
218	289467,2671	9108971,1630
219	289440,4991	9108985,3190
220	289433,3103	9108989,1210
221	289410,0041	9109001,4460
222	289386,3935	9109014,3550
223	289381,9760	9109016,7700
224	289382,0130	9109016,8510
225	289382,0157	9109016,8570
226	289383,8802	9109021,2820
227	289383,8826	9109021,2880
228	289385,0488	9109024,6500
229	289388,4625	9109029,0900
230	289388,4663	9109029,0950
231	289390,8936	9109032,6390
232	289390,8953	9109032,6410
233	289392,0101	9109034,3850
234	289393,7413	9109037,1570
235	289393,8936	9109037,4010
236	289393,8954	9109037,4040
237	289397,0794	9109042,9180
238	289397,0824	9109042,9240
239	289398,4969	9109045,6650
240	289399,5560	9109047,7980
241	289400,2416	9109049,2060
242	289400,2437	9109049,2100
243	289401,6915	9109052,3850
244	289403,8538	9109057,3540
245	289403,9135	9109057,4920
246	289403,9148	9109057,4950
247	289405,4407	9109061,2200
248	289407,6949	9109067,0550
249	289408,7124	9109069,8090
250	289408,7142	9109069,8140
251	289409,9071	9109073,4090
252	289411,1029	9109077,2560
253	289411,8761	9109079,8680
254	289411,8770	9109079,8710
255	289412,0429	9109080,4680
256	289413,3582	9109085,2580
257	289414,5115	9109089,8890
258	289414,5130	9109089,8950
259	289415,4836	9109094,8030
260	289415,4847	9109094,8100
261	289415,6029	9109095,6570
262	289415,8548	9109096,9240
263	289415,8560	9109096,9320
264	289416,5370	9109101,8280
265	289416,9020	9109105,0310
266	289417,3305	9109108,3280
267	289417,5712	9109110,3400
268	289417,5719	9109110,3460
269	289418,1174	9109118,1440
270	289418,1176	9109118,1500

271	289418,0806	9109125,3320
272	289418,0803	9109125,3390
273	289417,8368	9109129,3230
274	289417,5211	9109133,2130
275	289417,1366	9109137,0370
276	289417,1360	9109137,0420
277	289416,4753	9109141,6190
278	289420,6699	9109140,5260
279	289439,6822	9109135,5700
280	289445,8371	9109133,9650
281	289449,7846	9109153,6550
282	289457,7807	9109190,6970
283	289461,8963	9109208,2630
284	289464,6801	9109210,8210
285	289468,8067	9109221,5670
286	289468,9468	9109221,9250
287	289469,3098	9109223,2800
288	289469,4321	9109224,6780
289	289469,3494	9109225,8280
290	289468,5505	9109231,1160
291	289454,6082	9109256,9350
292	289450,0535	9109264,5550
293	289449,6056	9109265,3050
294	289448,7639	9109269,3200
295	289448,3619	9109274,6830
296	289448,3660	9109275,2240
297	289448,8118	9109304,8800
298	289449,2718	9109335,1680
299	289449,2946	9109336,6720
300	289449,7878	9109369,1490
301	289451,2589	9109443,8370
302	289451,5361	9109460,0320
303	289452,7325	9109529,9280
304	289453,3108	9109584,7630
305	289453,4679	9109599,6590
306	289455,1864	9109665,3360
307	289455,3066	9109669,9320
308	289455,6817	9109731,5700
309	289455,9263	9109744,9940
310	289456,7872	9109792,2550
311	289457,9992	9109850,7240
312	289449,8777	9109848,9280
313	289440,2165	9109847,7190
314	289440,0471	9109848,3350
315	289438,8261	9109854,4740
316	289438,4830	9109858,2020
317	289438,8850	9109882,0130
318	289439,7730	9109914,3660
319	289439,7942	9109917,3050
320	289439,0354	9109938,4350
321	289438,8200	9109944,4330
322	289429,9576	9109998,9370
323	289429,4907	9110000,7930
324	289413,8832	9110062,8500
325	289410,3301	9110074,6630
326	289403,4604	9110097,5030
327	289375,6206	9110186,7110
328	289369,4093	9110205,3300
329	289345,8160	9110276,0550
330	289326,0004	9110337,6200
331	289308,3784	9110393,7710
332	289309,1429	9110394,5710
333	289311,7775	9110398,0600
334	289313,7263	9110401,9730
335	289313,9899	9110402,6880
336	289327,1402	9110440,0050
337	289331,8485	9110452,5870
338	289339,3097	9110474,8120
339	289340,8221	9110479,3020
340	289346,4535	9110482,9080
341	289354,5637	9110485,1620
342	289394,0919	9110498,4180
343	289394,8751	9110498,7210
344	289401,3365	9110500,7350
345	289406,8168	9110501,7990

346	289410,5220	9110502,3190
347	289411,8772	9110502,5040
348	289423,3967	9110503,9650
349	289431,3772	9110504,9100
350	289440,8612	9110506,0320
351	289483,9874	9110511,1350
352	289524,6325	9110515,8630
353	289535,1574	9110517,0870
354	289556,9096	9110519,6080
355	289584,5317	9110522,8100
356	289618,2259	9110526,5380
357	289660,9362	9110532,0000
358	289663,5737	9110532,0790
359	289667,9076	9110532,2070
360	289674,8544	9110531,5880
361	289675,7983	9110531,4390
362	289692,9736	9110537,5790
363	289694,5473	9110531,9210

TABELA 235 – ZRU 1 SETOR A – POLÍGONO 06

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289496,4785	9107917,2550
2	289497,8581	9107917,1340
3	289499,2376	9107917,2550
4	289500,5752	9107917,6130
5	289621,8903	9107866,5420
6	289619,0920	9107855,7090
7	289615,5193	9107845,1050
8	289613,3152	9107839,5910
9	289607,5012	9107825,3900
10	289622,0097	9107817,6020
11	289647,3273	9107805,4800
12	289668,6890	9107797,5750
13	289681,2394	9107793,9560
14	289687,2736	9107793,2160
15	289695,2132	9107792,0520
16	289705,2190	9107790,2580
17	289701,2729	9107757,6620
18	289697,5119	9107726,5940
19	289695,8588	9107712,9390
20	289693,9399	9107692,5780
21	289688,4678	9107652,4360
22	289688,0088	9107648,4730
23	289687,5056	9107643,6740
24	289686,2927	9107626,9740
25	289685,9770	9107615,4320
26	289685,8881	9107610,2350
27	289685,9357	9107608,2660
28	289686,2927	9107593,4960
29	289686,3055	9107593,2340
30	289686,3461	9107592,8810
31	289687,7811	9107580,4240
32	289691,0354	9107552,1750
33	289693,2248	9107533,1680
34	289693,5226	9107531,3240
35	289695,9550	9107516,2630
36	289698,7345	9107499,0530
37	289698,9397	9107497,7830
38	289700,3977	9107488,7550
39	289700,6176	9107487,3520
40	289705,3720	9107457,0110
41	289709,8442	9107435,7730
42	289710,3536	9107432,5960
43	289714,8318	9107404,6690
44	289716,4099	9107394,8280
45	289717,0461	9107390,2150
46	289724,3352	9107341,7210
47	289717,0982	9107341,7190
48	289715,1664	9107341,4120
49	289714,1330	9107341,2480
50	289702,5407	9107339,4090
51	289678,7335	9107335,6330
52	289654,9210	9107331,6640
53	289644,8668	9107329,2830
54	289635,6063	9107325,3140

55	289622,9063	9107318,4350
56	289607,5604	9107311,0270
57	289598,2970	9107305,9290
58	289582,1587	9107299,3290
59	289557,2845	9107289,1550
60	289549,4208	9107285,8390
61	289524,5566	9107275,3560
62	289490,1014	9107259,4810
63	289481,5140	9107255,5240
64	289463,1575	9107247,0660
65	289452,1283	9107242,3170
66	289395,9990	9107218,1440
67	289383,9004	9107212,7200
68	289376,3489	9107209,3340
69	289372,4276	9107207,9920
70	289368,1715	9107207,3800
71	289363,8763	9107207,5840
72	289359,6976	9107208,5980
73	289357,4311	9107209,5230
74	289346,7751	9107214,9590
75	289316,4975	9107230,4050
76	289335,2077	9107267,8220
77	289359,8284	9107317,7980
78	289350,2425	9107322,4280
79	289293,5763	9107350,2140
80	289298,4199	9107360,1260
81	289335,6909	9107434,4310
82	289339,5686	9107442,1610
83	289343,4122	9107450,0580
84	289367,5861	9107499,7220
85	289385,8227	9107537,1880
86	289399,5118	9107566,0260
87	289461,8052	9107697,4790
88	289456,6084	9107699,9870
89	289373,2016	9107741,7690
90	289392,7608	9107778,0570
91	289405,3930	9107802,2300
92	289424,0308	9107837,2150
93	289437,2504	9107860,5340
94	289413,6029	9107873,2610
95	289405,6765	9107877,2360
96	289354,1044	9107903,0960
97	289359,2798	9107913,0030
98	289379,6828	9107951,7590
99	289389,0955	9107970,3780
100	289409,3664	9107960,4780
101	289422,3744	9107954,1250
102	289444,9937	9107941,1950
103	289494,4731	9107917,8910
104	289495,1409	9107917,6130
105	289496,4785	9107917,2550

TABELA 236 – ZRU 1 SETOR A – POLÍGONO 07

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289683,6368	9107092,5180
2	289691,6818	9107092,1260
3	289698,1571	9107092,4200
4	289712,6773	9107094,4810
5	289717,0624	9107095,1070
6	289736,7142	9107097,9150
7	289748,9779	9107099,5820
8	289765,0019	9107101,9250
9	289770,4594	9107069,3950
10	289789,5592	9107073,3440
11	289812,4373	9107076,6340
12	289812,6702	9107076,6670
13	289820,2390	9107077,7560
14	289846,7926	9107081,5740
15	289863,6795	9107084,3940
16	289906,2607	9107091,5050
17	289908,0212	9107091,8040
18	289950,8492	9107099,0890
19	289952,9197	9107087,8170
20	289953,2035	9107086,1640
21	289959,9331	9107046,9870

22	289962,9344	9107029,5140
23	289974,7581	9106961,0090
24	289975,3222	9106957,4000
25	289953,2035	9106953,7430
26	289932,2339	9106950,2770
27	289932,2840	9106949,9650
28	289931,7454	9106949,8790
29	289935,1637	9106930,4180
30	289945,9415	9106864,6720
31	289950,5721	9106836,4250
32	289953,6515	9106823,1990
33	289955,7700	9106811,8820
34	289956,4047	9106807,7030
35	289957,6648	9106799,4070
36	289958,4999	9106797,2980
37	289959,0230	9106794,5030
38	289961,8675	9106764,9630
39	289974,6577	9106764,0500
40	289997,0570	9106720,4200
41	289978,1005	9106707,1880
42	289966,3101	9106700,2080
43	289960,9185	9106697,0160
44	289930,1301	9106673,9340
45	289928,0610	9106672,3830
46	289943,9184	9106652,5550
47	289960,1457	9106632,2640
48	289968,5273	9106622,4330
49	290008,8929	9106575,0840
50	290009,5289	9106574,3380
51	290023,1501	9106558,0710
52	290030,1790	9106549,6770
53	290058,5088	9106515,8450
54	290081,6255	9106488,5010
55	290102,7292	9106463,7250
56	290102,7292	9106459,4750
57	290106,3497	9106459,4750
58	290111,2717	9106453,6960
59	290115,5711	9106448,6490
60	290120,7905	9106443,5160
61	290130,7469	9106433,7240
62	290144,6656	9106418,8450
63	290154,9460	9106406,4480
64	290188,4930	9106349,4120
65	290173,7137	9106339,7460
66	290144,7054	9106316,0910
67	290143,7380	9106315,3020
68	290119,2118	9106295,3020
69	290109,1945	9106285,2570
70	290108,5766	9106284,6370
71	290101,2889	9106277,3290
72	290100,1242	9106276,1610
73	290071,7133	9106240,3380
74	290070,6244	9106238,9650
75	290069,6971	9106237,7960
76	290056,6945	9106217,6690
77	290056,4538	9106217,2960
78	290050,2095	9106207,6300
79	290047,5709	9106203,5460
80	290040,9568	9106191,6370
81	290038,6279	9106187,4430
82	290011,5267	9106138,6440
83	290010,1806	9106136,2210
84	290010,1350	9106136,1800
85	290003,6003	9106130,2900
86	290000,1914	9106126,1710
87	289996,0984	9106121,2260
88	289988,2423	9106110,5490
89	289983,9505	9106104,0900
90	289980,4928	9106098,1930
91	289974,7205	9106089,6920
92	289968,2909	9106081,6760
93	289966,5363	9106079,7500
94	289964,3006	9106077,2950
95	289961,6727	9106074,7090
96	289957,1027	9106071,1380

97	289952,0802	9106068,2390
98	289946,7029	9106066,0660
99	289941,0757	9106064,6630
100	289935,3080	9106064,0570
101	289929,5120	9106064,2590
102	289927,6805	9106064,4930
103	289924,5202	9106064,9180
104	289919,2940	9106065,6200
105	289903,5434	9106067,7370
106	289894,8383	9106068,9070
107	289824,9800	9106078,7910
108	289815,0795	9106080,1910
109	289787,6441	9106084,0560
110	289721,4190	9106093,3500
111	289670,1418	9106098,6930
112	289651,2547	9106100,6610
113	289650,9843	9106102,0410
114	289649,1883	9106109,0030
115	289645,4177	9106122,7290
116	289636,1957	9106156,2990
117	289612,2524	9106153,0450
118	289559,4904	9106144,5980
119	289557,4434	9106142,2850
120	289531,2900	9106133,1620
121	289505,5485	9106206,3590
122	289509,4079	9106209,6060
123	289571,6750	9106218,8680
124	289595,7436	9106222,0600
125	289614,1821	9106224,5050
126	289602,8095	9106256,7760
127	289590,9500	9106290,4300
128	289585,4567	9106290,4270
129	289552,1594	9106290,4080
130	289538,7724	9106294,6880
131	289529,6724	9106296,7180
132	289523,9379	9106297,5300
133	289523,4024	9106290,5180
134	289518,1324	9106275,2580
135	289507,6224	9106277,1380
136	289499,8324	9106278,0080
137	289499,3735	9106257,2600
138	289499,3682	9106257,0210
139	289485,9179	9106260,1670
140	289461,6123	9106265,4170
141	289462,7545	9106244,6480
142	289461,2524	9106238,6680
143	289459,9124	9106239,1080
144	289450,2498	9106237,9680
145	289449,8749	9106237,9460
146	289448,3838	9106265,2860
147	289446,7824	9106298,4880
148	289437,9124	9106298,7380
149	289431,5224	9106298,7080
150	289425,7179	9106298,6770
151	289425,9124	9106295,9080
152	289419,1324	9106295,5580
153	289414,5524	9106295,3290
154	289414,5559	9106294,7360
155	289414,5924	9106288,5580
156	289407,7123	9106288,3760
157	289407,4524	9106299,7980
158	289399,7624	9106299,0380
159	289390,1724	9106298,4980
160	289389,9219	9106298,5080
161	289382,5680	9106298,7980
162	289379,9949	9106313,1330
163	289378,5602	9106322,3610
164	289377,8299	9106329,7760
165	289349,4708	9106328,9290
166	289331,9366	9106328,4060
167	289295,4371	9106327,3170
168	289280,9570	9106324,8310
169	289279,7774	9106324,6280
170	289270,5481	9106323,0430
171	289254,4212	9106320,2750

172	289222,0346	9106314,7140
173	289211,7504	9106312,5070
174	289135,8639	9106296,2240
175	289131,6619	9106295,4800
176	289087,4333	9106287,6540
177	289019,8324	9106284,8820
178	289014,9224	9106284,7050
179	289012,9094	9106284,6320
180	288956,8877	9106282,6120
181	288910,8091	9106280,9500
182	288889,1582	9106280,1700
183	288842,8264	9106278,4990
184	288770,7273	9106275,8990
185	288716,7779	9106273,9540
186	288707,1284	9106273,6060
187	288589,8297	9106269,3760
188	288580,0665	9106268,7170
189	288578,0457	9106298,2210
190	288577,6375	9106303,5230
191	288576,5804	9106317,2560
192	288585,5738	9106318,2980
193	288600,7417	9106318,8410
194	288601,1144	9106318,8540
195	288623,8524	9106320,0480
196	288623,2404	9106340,5310
197	288622,7769	9106356,0420
198	288629,0502	9106356,2230
199	288629,7838	9106356,2440
200	288629,0390	9106381,7190
201	288629,0224	9106382,2880
202	288669,1211	9106385,2020
203	288669,1210	9106385,2060
204	288669,6242	9106385,2390
205	288669,5824	9106387,0080
206	288669,4074	9106395,8990
207	288669,1508	9106404,7590
208	288669,1543	9106413,7370
209	288668,3824	9106422,5680
210	288668,2624	9106440,7480
211	288673,5539	9106441,2490
212	288673,3394	9106443,5230
213	288672,2208	9106455,3810
214	288668,4252	9106535,8870
215	288674,2279	9106537,4630
216	288672,8742	9106573,0290
217	288661,1946	9106572,7770
218	288661,0103	9106579,5090
219	288660,8884	9106583,9610
220	288660,2856	9106583,8770
221	288658,8524	9106583,6780
222	288659,1323	9106584,7670
223	288662,2924	9106597,0680
224	288664,3624	9106605,7980
225	288665,6124	9106613,6880
226	288666,9024	9106621,8380
227	288667,6777	9106629,9980
228	288666,8837	9106638,9570
229	288666,6824	9106640,3080
230	288666,5049	9106640,4980
231	288660,0982	9106647,3780
232	288660,0255	9106648,5730
233	288659,5321	9106656,6780
234	288643,6618	9106656,7390
235	288638,9124	9106656,7580
236	288639,4688	9106658,0880
237	288641,2924	9106662,4480
238	288647,9352	9106678,3670
239	288652,1354	9106688,4270
240	288653,7224	9106692,2280
241	288654,5424	9106695,8380
242	288655,5024	9106697,8280
243	288658,7324	9106704,2580
244	288662,3024	9106712,7380
245	288664,0655	9106720,1640
246	288665,9603	9106727,8300

247	288667,3367	9106733,0000
248	288668,8024	9106732,6580
249	288670,4056	9106742,5370
250	288670,6467	9106743,6030
251	288672,4124	9106751,4080
252	288673,9090	9106758,0630
253	288675,6924	9106765,9670
254	288677,0065	9106772,4760
255	288678,8024	9106781,7380
256	288680,2939	9106789,3830
257	288682,0624	9106798,4580
258	288683,5683	9106806,2240
259	288685,0152	9106813,6650
260	288687,1224	9106821,5280
261	288689,2920	9106829,6870
262	288691,3798	9106837,1260
263	288693,6524	9106845,1110
264	288695,5324	9106851,7180
265	288706,3024	9106850,0580
266	288714,9508	9106848,1150
267	288719,2020	9106869,5790
268	288720,4886	9106876,4210
269	288736,2900	9106872,7750
270	288775,0672	9106863,8280
271	288802,6982	9106857,4530
272	288816,1812	9106854,3420
273	288818,7684	9106853,7530
274	288840,2412	9106848,8670
275	288890,7036	9106837,3840
276	288906,5557	9106833,7770
277	288959,6048	9106821,7050
278	288973,5638	9106817,6670
279	288976,7570	9106816,7430
280	289007,1149	9106807,9620
281	289030,0536	9106800,2090
282	289074,8558	9106785,0680
283	289082,1705	9106782,5850
284	289123,5783	9106768,5490
285	289127,7514	9106767,1350
286	289139,3567	9106763,2010
287	289142,0817	9106775,1610
288	289150,4163	9106806,0580
289	289152,6337	9106814,5980
290	289153,9176	9106819,5430
291	289155,7260	9106826,5090
292	289157,6967	9106826,1270
293	289191,8486	9106819,8810
294	289198,9105	9106818,4530
295	289222,9771	9106813,5870
296	289244,0875	9106810,2800
297	289261,6192	9106874,4250
298	289261,7231	9106874,2760
299	289262,3076	9106873,6920
300	289262,9847	9106873,2180
301	289263,7338	9106872,8680
302	289264,5322	9106872,6540
303	289264,8123	9106872,6130
304	289310,5040	9106867,3440
305	289314,1302	9106866,9260
306	289380,0723	9106860,5220
307	289395,7039	9106858,8370
308	289414,6705	9106856,3370
309	289479,9108	9106847,7380
310	289488,2967	9106939,8680
311	289490,3275	9106962,1780
312	289491,3719	9106978,4580
313	289493,2227	9106997,0750
314	289496,8508	9107001,6730
315	289505,8466	9107004,3190
316	289509,4185	9107006,8330
317	289507,7852	9107011,4140
318	289509,2016	9107011,0120
319	289513,2930	9107007,7820
320	289520,2433	9107003,8270
321	289568,4924	9106991,8300

322	289617,1670	9106975,5150
323	289633,3921	9106970,9830
324	289635,3052	9106970,2310
325	289638,2174	9106968,8420
326	289638,2486	9106968,8270
327	289637,9865	9106972,3110
328	289636,9593	9106979,8910
329	289631,5146	9107010,5720
330	289630,0572	9107018,7840
331	289618,9686	9107088,3440
332	289612,0401	9107127,6920
333	289617,5109	9107125,6800
334	289649,6909	9107108,0200
335	289669,6072	9107098,0130
336	289679,7125	9107093,7940
337	289683,6368	9107092,5180

TABELA 237 – ZRU 1 SETOR A – POLÍGONO 08

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	286736,4734	9106391,2270
2	286743,4120	9106353,9370
3	286759,4099	9106358,9850
4	286842,8937	9106385,4350
5	286875,2165	9106394,6020
6	286877,3931	9106395,2190
7	286877,4084	9106395,1730
8	286935,8559	9106410,3920
9	286942,9009	9106387,4830
10	286946,1088	9106376,3540
11	286947,0007	9106373,2600
12	286952,7524	9106355,0460
13	286958,0057	9106346,7250
14	286965,7367	9106351,4290
15	286974,0061	9106355,4600
16	286977,1490	9106356,9920
17	286984,8582	9106360,7490
18	286995,5764	9106364,7110
19	287012,1169	9106368,7780
20	287035,4446	9106373,0310
21	287039,9390	9106373,9630
22	287040,2921	9106372,7420
23	287043,7123	9106360,9080
24	287051,6916	9106332,9440
25	287052,5683	9106330,2280
26	287053,2458	9106328,1290
27	287057,7002	9106329,5680
28	287059,8895	9106330,2740
29	287066,7976	9106331,8830
30	287074,7091	9106333,2720
31	287083,3809	9106334,5910
32	287097,3745	9106337,0860
33	287109,2300	9106339,4260
34	287122,7861	9106342,1020
35	287126,3931	9106342,4810
36	287131,2159	9106324,2950
37	287139,6275	9106293,1650
38	287140,0937	9106291,4400
39	287145,0824	9106272,0870
40	287145,8756	9106268,5800
41	287149,9807	9106250,4330
42	287150,3707	9106248,7090
43	287153,8814	9106238,1420
44	287154,7511	9106235,5240
45	287157,2697	9106227,9430
46	287164,9121	9106204,9400
47	287169,1608	9106190,7560
48	287172,9517	9106178,1000
49	287175,3029	9106170,2510
50	287181,8061	9106148,5400
51	287190,3675	9106124,6460
52	287191,1338	9106121,9570
53	287191,9757	9106119,0020
54	287195,1909	9106119,0220
55	287197,0313	9106119,0210
56	287201,4089	9106120,3160

57	287201,5384	9106120,3610
58	287207,9547	9106122,5920
59	287212,0407	9106123,5240
60	287216,4759	9106115,9800
61	287227,9261	9106118,4030
62	287240,1966	9106121,5630
63	287243,9074	9106122,2390
64	287251,1849	9106123,5650
65	287256,5432	9106124,7340
66	287262,6249	9106126,5110
67	287265,9899	9106115,7090
68	287272,1156	9106092,7140
69	287274,5575	9106083,5480
70	287286,4751	9106040,9960
71	287291,4827	9106026,6300
72	287302,9629	9106030,4310
73	287314,6232	9106034,2920
74	287340,2413	9106041,2980
75	287346,7722	9106043,0840
76	287359,5630	9106046,5820
77	287362,6158	9106037,2790
78	287362,8497	9106036,3150
79	287366,1939	9106022,5220
80	287372,3273	9105997,2250
81	287383,0524	9105959,0260
82	287391,6312	9105928,4710
83	287392,8723	9105924,0500
84	287416,4281	9105866,9640
85	287430,2443	9105825,9210
86	287436,7730	9105806,5260
87	287423,1431	9105801,9980
88	287409,4654	9105797,4550
89	287409,2513	9105797,3830
90	287400,3915	9105793,9900
91	287391,8561	9105789,8470
92	287383,7086	9105784,9860
93	287376,5025	9105779,8290
94	287376,0090	9105779,4420
95	287368,8145	9105773,2570
96	287364,6936	9105769,1850
97	287360,4081	9105764,6750
98	287352,2010	9105756,0370
99	287374,3524	9105735,6420
100	287379,1959	9105731,0570
101	287406,8872	9105704,8440
102	287411,2058	9105700,7520
103	287426,7505	9105686,0220
104	287468,3835	9105647,7870
105	287463,0927	9105645,8340
106	287455,3328	9105639,9460
107	287445,1665	9105630,9820
108	287444,7662	9105629,6560
109	287446,2715	9105627,7780
110	287453,8948	9105617,1400
111	287454,0943	9105616,8390
112	287437,9683	9105607,4010
113	287435,1914	9105613,4330
114	287412,4020	9105592,6550
115	287411,0039	9105582,3280
116	287364,0539	9105562,6290
117	287360,5931	9105543,7420
118	287335,7651	9105528,9750
119	287346,7073	9105505,6800
120	287317,1280	9105485,6200
121	287319,8977	9105479,7790
122	287333,8874	9105450,2720
123	287347,5732	9105404,7890
124	287363,9281	9105317,0460
125	287365,1628	9105311,5830
126	287383,6211	9105303,3070
127	287363,8930	9105277,8190
128	287356,3758	9105270,5570
129	287355,9621	9105270,1570
130	287252,0757	9105169,7890
131	287250,7332	9105170,2380

132	287178,1893	9105098,7920
133	287148,4972	9105069,5500
134	287079,6069	9105000,1510
135	287052,2160	9104972,5590
136	287013,4808	9104934,1250
137	286971,5726	9104893,7600
138	286857,5447	9104781,2970
139	286849,1528	9104773,6720
140	286845,7449	9104770,7330
141	286844,5521	9104769,5830
142	286843,6575	9104768,3050
143	286842,8055	9104766,8560
144	286842,3370	9104765,3650
145	286824,3933	9104756,5890
146	286817,2314	9104756,7950
147	286773,9945	9104758,0360
148	286721,8512	9104759,5330
149	286658,4992	9104761,3520
150	286658,5216	9104762,0600
151	286657,4269	9104762,0870
152	286657,5593	9104766,7060
153	286658,2727	9104786,0750
154	286659,1094	9104808,7920
155	286659,8083	9104827,7690
156	286661,1927	9104855,6020
157	286661,9589	9104871,0070
158	286662,4018	9104885,0450
159	286663,2016	9104895,9920
160	286663,3367	9104898,7080
161	286663,3660	9104899,2970
162	286663,6710	9104904,1080
163	286665,9853	9104940,6140
164	286667,2502	9104951,4070
165	286667,6935	9104957,4750
166	286672,3328	9105013,1460
167	286672,1150	9105015,5650
168	286670,8853	9105020,0200
169	286670,3008	9105021,4460
170	286670,1442	9105021,7980
171	286657,6165	9105045,7150
172	286655,2648	9105050,2040
173	286654,4643	9105051,7330
174	286654,1436	9105051,6090
175	286650,8642	9105057,1750
176	286618,7465	9105100,4530
177	286618,3630	9105100,9700
178	286577,4076	9105156,8990
179	286573,3273	9105163,7880
180	286573,3002	9105163,8720
181	286570,9962	9105170,9770
182	286565,7570	9105202,3890
183	286564,1922	9105211,0860
184	286559,7738	9105235,6420
185	286555,6816	9105258,3850
186	286548,0141	9105297,6240
187	286542,8483	9105324,0600
188	286542,5716	9105325,5160
189	286541,4581	9105331,3720
190	286533,1146	9105375,2510
191	286517,6149	9105440,6770
192	286516,6960	9105444,5570
193	286516,1708	9105446,7180
194	286510,9067	9105468,3840
195	286505,9377	9105488,8360
196	286483,6165	9105590,1360
197	286478,7721	9105610,0540
198	286477,2757	9105616,2060
199	286474,7255	9105626,6920
200	286471,6508	9105639,3330
201	286470,0485	9105643,0690
202	286462,6454	9105660,3300
203	286458,6021	9105669,7570
204	286436,3394	9105715,9420
205	286427,4191	9105734,4480
206	286424,1400	9105741,2510

207	286416,8447	9105758,1500
208	286408,1916	9105778,1940
209	286406,0134	9105782,4490
210	286458,5718	9105805,8270
211	286470,2153	9105811,3510
212	286454,5321	9105844,4160
213	286449,6282	9105854,7550
214	286434,3404	9105889,6340
215	286428,6936	9105902,5170
216	286434,3404	9105903,6950
217	286487,9338	9105914,8790
218	286502,4288	9105917,3670
219	286512,3102	9105919,0630
220	286526,9861	9105921,2300
221	286559,3563	9105926,0110
222	286585,7081	9105929,9030
223	286622,0336	9105936,9670
224	286639,3835	9105940,3410
225	286709,5500	9105953,4870
226	286719,4145	9105955,8370
227	286754,0965	9105964,0970
228	286792,0110	9105973,1950
229	286785,8646	9106008,2020
230	286785,0544	9106017,1960
231	286779,0721	9106018,5110
232	286744,8624	9106033,0840
233	286707,2911	9106048,1020
234	286695,6865	9106136,0070
235	286691,3548	9106169,8980
236	286681,8447	9106244,3060
237	286680,7291	9106252,1560
238	286671,1453	9106319,5850
239	286648,7239	9106307,2740
240	286644,4934	9106304,7540
241	286622,4828	9106314,7700
242	286661,8462	9106399,2930
243	286663,4757	9106402,7920
244	286681,6291	9106442,9040
245	286683,1180	9106449,2900
246	286686,9172	9106461,8140
247	286691,5273	9106474,0620
248	286694,5029	9106480,6300
249	286697,9821	9106479,0380
250	286724,5088	9106466,9030
251	286725,1261	9106465,9920
252	286725,9854	9106464,3250
253	286727,1044	9106462,1550
254	286728,3206	9106458,0130
255	286728,5658	9106456,4480
256	286736,4734	9106391,2270

TABELA 238 – ZRU 1 SETOR A – POLÍGONO 09

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289845,6872	9103469,6890
2	289901,0851	9103458,2320
3	289870,2325	9103426,6000
4	289812,0433	9103366,9400
5	289788,4445	9103342,7440
6	289784,1860	9103338,8050
7	289783,1923	9103338,0030
8	289779,3501	9103334,9010
9	289778,9573	9103334,0600
10	289778,2270	9103332,2550
11	289776,9866	9103327,6250
12	289776,8000	9103326,4090
13	289776,7159	9103324,6350
14	289777,1255	9103320,7380
15	289778,3363	9103317,0120
16	289778,4528	9103316,7550
17	289785,0538	9103301,2830
18	289779,7240	9103300,1380
19	289745,1479	9103293,9550
20	289712,7158	9103290,6660
21	289712,5205	9103289,2070
22	289709,8939	9103269,5830

23	289709,2650	9103260,0310
24	289716,5582	9103260,4470
25	289791,8471	9103269,2230
26	289794,7837	9103269,4470
27	289798,1064	9103270,2170
28	289798,7083	9103268,1750
29	289805,2786	9103270,8430
30	289805,2602	9103271,4180
31	289803,4076	9103329,4660
32	289865,2541	9103394,9500
33	289866,1530	9103408,6470
34	289919,6442	9103457,1400
35	289901,0851	9103458,2320
36	289936,9532	9103484,4550
37	289942,7686	9103487,2170
38	289943,6863	9103487,0370
39	289983,4613	9103479,2480
40	290002,1101	9103468,0550
41	289973,0059	9103445,3010
42	289987,4183	9103427,4230
43	289991,0805	9103422,8810
44	289999,3317	9103360,0260
45	289999,5129	9103358,6460
46	289994,3539	9103353,3830
47	289977,8333	9103335,9700
48	289961,4039	9103318,4450
49	289940,8304	9103297,0940
50	289928,0536	9103283,9560
51	289910,9015	9103266,3490
52	289893,7319	9103248,7540
53	289890,8837	9103245,8350
54	289890,3184	9103245,2550
55	289882,4588	9103237,2010
56	289861,4237	9103215,6440
57	289843,0724	9103196,8380
58	289836,8065	9103189,7270
59	289841,2389	9103187,7030
60	289870,7996	9103174,1400
61	289874,9850	9103172,2130
62	289897,2551	9103161,9590
63	289929,6497	9103147,0430
64	289954,2810	9103137,0760
65	289983,7824	9103125,1370
66	289993,2563	9103155,1930
67	289993,5456	9103156,1130
68	290004,0943	9103189,6490
69	290004,6467	9103191,4060
70	290006,4495	9103197,1370
71	290014,7177	9103223,4230
72	290022,0717	9103246,8030
73	290022,3510	9103247,8230
74	290022,8278	9103248,8450
75	290023,4750	9103249,7690
76	290024,2728	9103250,5670
77	290025,1971	9103251,2140
78	290026,2197	9103251,6910
79	290026,3318	9103251,7210
80	290027,3095	9103251,9830
81	290028,4336	9103252,0820
82	290029,6342	9103251,9630
83	290035,7123	9103251,3610
84	290058,0184	9103238,1170
85	290061,1123	9103236,2800
86	290096,2548	9103218,7080
87	290137,2974	9103198,1870
88	290141,0016	9103196,3350
89	290150,0125	9103191,8290
90	290166,1521	9103228,3420
91	290222,7404	9103246,9270
92	290251,5379	9103256,3840
93	290269,4148	9103227,7660
94	290347,7341	9103106,4980
95	290358,8094	9103088,6340
96	290360,3087	9103022,6610

97	290360,9689	9102993,6130
98	290361,9844	9102948,9340
99	290363,5639	9102886,1740
100	290369,3927	9102866,3840
101	290348,2260	9102856,8590
102	290341,2828	9102817,6220
103	290268,8674	9102851,9900
104	290263,2639	9102842,4720
105	290235,2853	9102794,9460
106	290235,0170	9102794,4900
107	290205,6799	9102744,6570
108	290204,1357	9102741,4130
109	290169,6491	9102668,9520
110	290167,9906	9102656,4670
111	290166,8452	9102663,0460
112	290166,6699	9102663,1450
113	290164,9023	9102659,8070
114	290162,4223	9102654,5970
115	290160,1923	9102650,5870
116	290159,7523	9102649,8070
117	290157,0123	9102644,3370
118	290154,7801	9102640,0860
119	290152,9423	9102636,5870
120	290152,3623	9102635,1270
121	290148,6523	9102628,5570
122	290148,0423	9102627,8570
123	290145,5922	9102623,4670
124	290145,9722	9102623,2770
125	290143,9222	9102619,2270
126	290139,8722	9102611,4470
127	290135,5511	9102613,4390
128	290134,9606	9102612,2810
129	290132,9046	9102610,3700
130	290128,5156	9102602,3980
131	290127,9470	9102601,3910
132	290126,5414	9102602,1360
133	290124,9019	9102603,0050
134	290124,8845	9102603,0140
135	290124,8020	9102602,8610
136	290124,7149	9102602,6990
137	290108,4760	9102572,4500
138	290099,5471	9102583,5970
139	290069,3278	9102622,2980
140	290051,4968	9102645,1400
141	290050,0362	9102647,0120
142	290047,6560	9102650,0610
143	290046,7803	9102641,4100
144	290046,7216	9102640,8310
145	290046,0019	9102633,7200
146	290045,5902	9102629,6540
147	290045,8499	9102628,8710
148	290047,4822	9102623,9540
149	290046,0518	9102611,0400
150	290045,2054	9102611,0980
151	290022,6293	9102612,6400
152	290020,5071	9102612,9420
153	290022,8638	9102622,6490
154	290020,1105	9102627,2560
155	290019,1595	9102628,8470
156	290018,7308	9102629,8680
157	289995,4762	9102633,2560
158	289989,6994	9102634,4320
159	289983,3576	9102635,7230
160	289983,8324	9102638,0580
161	289962,6224	9102643,0740
162	289959,4324	9102643,8280
163	289957,3424	9102634,0480
164	289951,5824	9102635,3680
165	289933,0124	9102639,6180
166	289930,6524	9102629,5880
167	289928,2078	9102618,9520
168	289928,1724	9102618,7980
169	289932,4324	9102616,9480
170	289938,9524	9102614,1180

171	289951,8824	9102608,4980
172	289953,1324	9102614,3680
173	289955,1724	9102613,9280
174	289968,3124	9102611,0880
175	289977,5824	9102609,0780
176	289978,8746	9102614,4710
177	289986,1122	9102612,8250
178	289990,5313	9102611,8190
179	290006,3355	9102608,0950
180	290006,2278	9102607,6760
181	290015,3439	9102605,4500
182	290016,5878	9102605,2240
183	290016,2849	9102604,1580
184	290012,0493	9102589,2510
185	290009,1145	9102578,9230
186	290019,1645	9102574,0750
187	290020,6211	9102568,6870
188	290009,8416	9102547,7580
189	290008,9171	9102545,9090
190	290005,4635	9102539,0020
191	290011,5747	9102535,8880
192	290035,2142	9102524,5230
193	290032,2855	9102525,8930
194	290027,0367	9102528,4440
195	290025,9017	9102528,9960
196	290021,1464	9102517,1100
197	290014,9053	9102501,5110
198	290015,0207	9102501,4560
199	290015,7692	9102501,1060
200	290023,2851	9102497,5840
201	290011,9621	9102477,0130
202	290005,1076	9102464,5600
203	290004,8674	9102464,0280
204	289992,6689	9102469,5320
205	289986,6070	9102472,2670
206	289947,3931	9102490,2540
207	289882,4246	9102520,0560
208	289853,9156	9102533,1330
209	289846,3413	9102536,6070
210	289841,9018	9102538,8530
211	289836,6979	9102517,9170
212	289823,6433	9102465,3970
213	289823,5180	9102464,8930
214	289818,0503	9102442,8960
215	289814,8696	9102430,1000
216	289807,2600	9102399,4850
217	289737,8006	9102401,1000
218	289735,8970	9102401,1450
219	289735,1085	9102401,1630
220	289699,9440	9102400,7440
221	289686,1684	9102400,5800
222	289661,5904	9102400,2870
223	289636,0341	9102289,4230
224	289634,6267	9102283,3180
225	289623,8532	9102225,8780
226	289614,6333	9102176,7210
227	289613,0475	9102177,1170
228	289612,4132	9102172,5030
229	289554,7924	9102185,0990
230	289553,7722	9102185,3280
231	289551,8341	9102185,4980
232	289549,8960	9102185,3280
233	289548,0168	9102184,8250
234	289546,2536	9102184,0030
235	289545,3686	9102183,3830
236	289544,6600	9102182,8870
237	289543,2843	9102181,5110
238	289542,1684	9102179,9170
239	289541,3462	9102178,1540
240	289540,8427	9102176,2750
241	289540,6778	9102174,6580
242	289511,9403	9102046,6340
243	289495,3862	9101972,8860
244	289492,7632	9101961,2010
245	289456,2560	9101798,5630

246	289444,9671	9101748,2710
247	289441,3225	9101729,2040
248	289439,8631	9101721,5700
249	289436,9399	9101707,2440
250	289433,4671	9101707,8830
251	289428,9342	9101708,8830
252	289392,6985	9101716,8760
253	289372,0526	9101721,4310
254	289360,6553	9101722,6360
255	289357,6179	9101709,1450
256	289340,1620	9101631,6090
257	289339,5482	9101628,8820
258	289333,9260	9101605,9710
259	289331,3089	9101606,5520
260	289331,4633	9101601,9140
261	289331,6233	9101597,1080
262	289329,3298	9101588,6280
263	289325,4502	9101574,2840
264	289372,7163	9101575,8720
265	289398,0023	9101577,1600
266	289435,0258	9101579,0470
267	289441,4746	9101579,1910
268	289470,3478	9101579,8400
269	289481,4603	9101578,6500
270	289492,9697	9101576,6650
271	289505,6697	9101573,0930
272	289523,5291	9101565,1560
273	289533,8479	9101558,8060
274	289548,4870	9101547,9660
275	289556,3833	9101542,1180
276	289556,0342	9101526,3230
277	289554,8335	9101501,8830
278	289553,1350	9101480,6200
279	289552,7210	9101475,4290
280	289551,4392	9101459,3590
281	289549,4352	9101425,9730
282	289546,2782	9101393,1260
283	289546,4575	9101378,2420
284	289547,6955	9101362,8390
285	289547,5345	9101358,8880
286	289546,3711	9101330,3440
287	289544,3653	9101303,8340
288	289542,3694	9101284,2920
289	289539,0436	9101284,5720
290	289524,9369	9101285,7590
291	289516,4181	9101286,6680
292	289510,5406	9101287,4030
293	289508,2141	9101287,8050
294	289503,0363	9101289,6070
295	289501,8818	9101290,4990
296	289501,0493	9101291,2010
297	289500,8953	9101292,8070
298	289499,3453	9101292,8960
299	289498,0859	9101293,7000
300	289496,8264	9101294,0850
301	289484,1618	9101294,2080
302	289470,2377	9101294,4350
303	289469,8786	9101294,4430
304	289466,2494	9101294,5220
305	289465,1649	9101294,1730
306	289463,5041	9101293,2150
307	289458,6052	9101290,1840
308	289457,7305	9101288,9770
309	289457,3708	9101287,8630
310	289457,2912	9101278,7080
311	289456,6794	9101271,4790
312	289454,5606	9101253,3290
313	289451,2796	9101230,6740
314	289449,3745	9101221,9600
315	289446,7865	9101204,3980
316	289440,2706	9101205,4690
317	289440,1769	9101205,1340
318	289435,4400	9101205,8970
319	289425,5758	9101207,4850
320	289419,2320	9101172,1650

321	289413,9409	9101167,7230
322	289403,0016	9101110,3700
323	289404,2841	9101096,8600
324	289400,5365	9101077,9810
325	289393,6940	9101044,8680
326	289388,7033	9101039,4700
327	289385,6852	9101023,0110
328	289384,1418	9101016,5450
329	289386,7357	9101016,6020
330	289386,8949	9101011,8320
331	289385,6852	9101004,7820
332	289382,0979	9100987,3460
333	289376,8004	9100981,6320
334	289370,3561	9100949,4650
335	289367,3726	9100935,9230
336	289365,1196	9100925,6960
337	289360,6019	9100902,9020
338	289355,3677	9100879,4030
339	289349,8804	9100852,1920
340	289352,7442	9100844,0340
341	289347,5944	9100821,5240
342	289345,4243	9100814,5930
343	289341,2787	9100809,5380
344	289339,2597	9100802,5020
345	289333,1937	9100771,2190
346	289331,8567	9100764,3240
347	289333,1415	9100760,2250
348	289334,8615	9100755,0310
349	289333,7093	9100748,9940
350	289331,0709	9100735,1710
351	289327,8571	9100724,0470
352	289322,6293	9100718,1900
353	289321,4764	9100709,5430
354	289318,3015	9100690,9700
355	289316,8934	9100677,4490
356	289317,4770	9100662,5990
357	289321,0463	9100655,2650
358	289321,2849	9100652,3090
359	289321,3257	9100651,8030
360	289322,6399	9100644,1060
361	289325,9981	9100618,6280
362	289322,3440	9100613,7990
363	289326,9820	9100582,8810
364	289331,2709	9100584,1590
365	289332,1055	9100576,5710
366	289336,1775	9100548,2850
367	289332,6539	9100543,0650
368	289336,4385	9100509,9170
369	289310,5623	9100505,4280
370	289313,0503	9100487,3440
371	289315,1662	9100471,9640
372	289319,1911	9100442,7080
373	289330,1969	9100371,5010
374	289403,4596	9100381,7770
375	289426,8093	9100385,0520
376	289436,2530	9100385,1260
377	289443,8612	9100383,6010
378	289443,7108	9100381,6240
379	289441,5423	9100369,4990
380	289441,4275	9100369,2170
381	289441,2427	9100368,5270
382	289441,1804	9100367,8160
383	289441,2427	9100367,1040
384	289441,4275	9100366,4140
385	289441,7294	9100365,7670
386	289442,1391	9100365,1820
387	289442,6441	9100364,6770
388	289442,7758	9100364,5710
389	289443,1838	9100363,6910
390	289443,4410	9100362,7320
391	289443,5275	9100361,7420
392	289443,5011	9100361,4400
393	289443,4410	9100360,7520
394	289443,1838	9100359,7920

395	289443,0225	9100359,3960
396	289434,4850	9100314,1970
397	289441,4059	9100312,6310
398	289502,6643	9100298,7670
399	289507,6194	9100295,8780
400	289511,3533	9100295,2380
401	289511,8168	9100295,1790
402	289532,6553	9100290,7400
403	289579,1967	9100280,8250
404	289579,1902	9100280,7920
405	289576,1753	9100265,7310
406	289565,3113	9100211,4590
407	289565,0816	9100210,3120
408	289553,5711	9100152,8100
409	289570,4232	9100149,0880
410	289642,0205	9100133,2740
411	289617,8778	9100021,5320
412	289589,7864	9100028,3900
413	289584,5170	9100013,7580
414	289586,0426	9100006,6480
415	289585,1705	9100002,9160
416	289580,9331	9100003,8060
417	289576,4589	9099991,3820
418	289557,4266	9099938,5340
419	289533,7693	9099872,8430
420	289531,1882	9099865,6760
421	289525,5183	9099849,9320
422	289475,7784	9099862,0140
423	289907,4384	9099902,9040
424	289275,0933	9099910,7610
425	289249,4444	9099794,7000
426	289226,6666	9099691,6310
427	289223,9816	9099679,4810
428	289196,0296	9099586,8110
429	289108,6123	9099627,2820
430	289102,4251	9099596,9300
431	289078,0576	9099477,3920
432	289071,8323	9099449,7000
433	289071,0739	9099446,3260
434	289058,8228	9099392,2860
435	289057,0052	9099372,6430
436	289052,4670	9099363,3500
437	289043,9368	9099353,6490
438	289034,1644	9099347,3960
439	289025,7057	9099344,6170
440	289012,5158	9099343,7340
441	288983,2522	9099357,1770
442	288955,2211	9099368,3900
443	288938,0369	9099374,6050
444	288894,6498	9099393,1300
445	288875,8840	9099401,4540
446	288856,8688	9099408,9740
447	288846,2658	9099412,5080
448	288841,7564	9099413,4830
449	288829,0815	9099416,2860
450	288823,0654	9099392,2570
451	288821,1207	9099384,4890
452	288810,7703	9099343,1480
453	288807,5582	9099330,3190
454	288805,8021	9099322,9130
455	288803,2162	9099308,2890
456	288786,5967	9099318,4960
457	288790,3913	9099335,9790
458	288788,8091	9099343,1480
459	288786,0546	9099355,6290
460	288781,4174	9099364,3880
461	288785,5180	9099384,4890
462	288788,4308	9099398,7680
463	288792,2867	9099421,0920
464	288791,8808	9099427,3830
465	288790,2737	9099436,6240
466	288789,4455	9099441,3860
467	288780,5161	9099455,5920
468	288763,2661	9099468,3770

469	288736.6933	9099475.8950
470	288721.6632	9099480.1480
471	288695.0198	9099487.5640
472	288692.6919	9099488.2130
473	288684.8885	9099490.3850
474	288683.1512	9099490.8680
475	288673.8683	9099493.4530
476	288674.9563	9099500.0000
477	288677.4429	9099515.5300
478	288678.6589	9099516.8600
479	288672.7030	9099519.3450
480	288674.3648	9099520.2520
481	288677.8864	9099522.8880
482	288678.8988	9099523.6460
483	288682.1724	9099527.8190
484	288684.4855	9099532.2790
485	288685.9724	9099537.7320
486	288688.5006	9099545.1600
487	288698.4673	9099613.0040
488	288711.8637	9099673.6740
489	288712.4080	9099678.7810
490	288718.9217	9099739.8960
491	288744.3144	9099905.6170
492	288747.4229	9099925.9030
493	288764.8612	9100033.3450
494	288769.4763	9100065.2910
495	288777.6853	9100122.1120
496	288788.8622	9100199.4770
497	288790.6164	9100209.0070
498	288793.0644	9100222.3050
499	288804.1366	9100282.4520
500	288804.9670	9100287.6790
501	288805.8808	9100293.4320
502	288812.5562	9100293.4320
503	288812.5562	9100300.9890
504	288812.5562	9100323.6580
505	288812.5563	9100335.4570
506	288815.4833	9100353.8840
507	288820.1455	9100383.2340
508	288821.6417	9100392.6530
509	288825.0179	9100414.3350
510	288827.7348	9100414.3350
511	288827.7348	9100429.4480
512	288827.7348	9100431.7820
513	288833.2546	9100467.2300
514	288835.3240	9100480.5200
515	288835.5634	9100482.0570
516	288839.7291	9100508.8090
517	288842.6679	9100527.6810
518	288842.9133	9100529.2570
519	288854.7136	9100605.0380
520	288854.9061	9100605.6020
521	288857.7083	9100615.1460
522	288859.5251	9100623.7170
523	288875.0413	9100722.3490
524	288894.5065	9100836.1590
525	288895.1054	9100839.6610
526	288897.2765	9100852.3560
527	288901.1924	9100875.2510
528	288903.5342	9100888.9430
529	288731.1413	9101076.6130
530	288639.3026	9101176.5900
531	288463.8835	9101377.4090
532	288324.1833	9101532.1910
533	288211.7093	9101661.2250
534	288209.9958	9101663.1910
535	288209.0424	9101664.2850
536	288349.1338	9101779.6710
537	288361.4794	9101789.7710
538	288379.3429	9101804.3850
539	288385.8979	9101809.5570
540	288413.2219	9101831.1170
541	288454.3501	9101863.5680
542	288488.7081	9101890.3320
543	288488.9389	9101890.5140

544	288492.2747	9101893.7030
545	288497.9206	9101898.5630
546	288506.2074	9101903.9420
547	288556.1814	9101944.0340
548	288561.7085	9101948.1690
549	288596.8250	9101976.3550
550	288636.3848	9102005.7560
551	288669.2104	9102032.0160
552	288696.0832	9102053.5130
553	288722.4964	9102074.8510
554	288743.2675	9102091.2310
555	288758.1674	9102102.8750
556	288782.1454	9102121.5730
557	288817.2974	9102148.8380
558	288853.9097	9102177.6510
559	288866.6327	9102187.6640
560	288869.8126	9102191.1510
561	288872.5535	9102195.3470
562	288874.5665	9102199.9360
563	288875.7967	9102204.7940
564	288875.8407	9102205.0650
565	288879.7652	9102229.9700
566	288879.9836	9102231.4090
567	288882.7331	9102249.5190
568	288896.6239	9102333.1080
569	288898.3231	9102343.3330
570	288903.1871	9102371.6550
571	288903.6481	9102374.5140
572	288904.6624	9102377.3720
573	288905.4795	9102378.6040
574	288906.8329	9102379.5070
575	288909.2976	9102379.9980
576	288910.8608	9102379.9250
577	288915.4496	9102379.7300
578	288929.2766	9102450.0660
579	288933.2269	9102468.6740
580	288933.3825	9102469.4080
581	288942.4279	9102513.1540
582	288942.4348	9102513.1930
583	288942.8145	9102514.6100
584	288943.4346	9102515.9400
585	288944.2761	9102517.1420
586	288973.2738	9102699.8950
587	288962.6224	9102700.2980
588	288957.7924	9102700.4880
589	288958.3824	9102716.4280
590	288958.7053	9102724.9670
591	288959.4924	9102746.5380
592	288960.3142	9102768.9500
593	288960.4824	9102773.5380
594	288984.3036	9102772.3030
595	288985.7679	9102778.6380
596	288996.0541	9102833.4730
597	288996.3686	9102835.1490
598	289001.7874	9102856.8110
599	289012.0629	9102918.8070
600	289017.6624	9102936.5270
601	289024.4338	9102978.5360
602	289029.2874	9103004.2440
603	289031.5862	9103016.4200
604	289031.5862	9103021.3010
605	289032.5078	9103021.3010
606	289039.1755	9103056.6180
607	289039.5868	9103058.7970
608	289046.3634	9103083.7730
609	289047.3699	9103089.3670
610	289049.1213	9103099.1010
611	289051.2341	9103110.8440
612	289058.2548	9103149.8660
613	289065.4067	9103189.6160
614	289071.4137	9103220.1820
615	289071.8188	9103222.2430
616	289079.8755	9103263.2370
617	289083.7177	9103283.5870
618	289092.7018	9103331.1710

619	289097,2745	9103353,4420
620	289101,6466	9103374,7350
621	289104,0551	9103386,4650
622	289110,1582	9103416,4270
623	289116,5170	9103447,6440
624	289120,3819	9103471,5580
625	289121,2736	9103477,0750
626	289124,3150	9103491,1880
627	289126,9998	9103506,9270
628	289133,4782	9103532,5130
629	289135,1165	9103538,6450
630	289145,6149	9103577,9430
631	289149,9612	9103596,2300
632	289160,2938	9103642,4810
633	289163,8008	9103658,9230
634	289163,1659	9103659,0930
635	289163,2347	9103659,3880
636	289179,5981	9103748,8730
637	289180,0063	9103751,1060
638	289188,3819	9103796,9090
639	289237,2630	9103783,1290
640	289273,4258	9103772,9350
641	289289,8788	9103833,0290
642	289300,3786	9103871,4520
643	289295,7820	9103874,5140
644	289322,0682	9103991,9900
645	289313,3565	9103993,3800
646	289280,3736	9104000,6040
647	289280,3110	9104000,6200
648	289256,3454	9104006,7520
649	289243,6016	9104010,2200
650	289243,6671	9104010,4930
651	289246,0626	9104020,4810
652	289242,8558	9104021,1420
653	289247,8364	9104060,6690
654	289254,5855	9104114,2310
655	289240,5575	9104114,5310
656	289250,5472	9104178,5760
657	289257,5561	9104223,0000
658	289273,1880	9104322,0780
659	289280,6138	9104369,1440
660	289280,7532	9104370,0340
661	289295,3419	9104436,8750
662	289309,9302	9104503,7150
663	289313,2348	9104519,2340
664	289328,5038	9104590,9430
665	289339,0691	9104640,5610
666	289343,9937	9104662,7620
667	289354,9527	9104712,1670
668	289355,2517	9104713,5150
669	289359,6705	9104733,4350
670	289368,0250	9104771,0980
671	289375,3877	9104805,2770
672	289389,8092	9104872,2230
673	289390,8395	9104876,9940
674	289406,4059	9104949,0870
675	289411,7442	9104973,8110
676	289411,9042	9104974,5520
677	289415,7684	9104992,4480
678	289439,3651	9105096,8200
679	289448,0732	9105142,2030
680	289450,0411	9105141,7500
681	289452,2288	9105142,2400
682	289453,7831	9105142,5890
683	289455,1462	9105143,6600
684	289456,8003	9105144,9590
685	289458,5016	9105148,4270
686	289458,5233	9105152,2830
687	289457,6431	9105154,1230
688	289456,8618	9105155,7570
689	289453,8718	9105158,1660
690	289452,4050	9105158,5120
691	289467,5499	9105228,6030
692	289479,1321	9105278,7090
693	289479,3556	9105279,6760

694	289482,7034	9105294,1590
695	289483,5775	9105297,9410
696	289483,9265	9105300,2220
697	289485,1031	9105303,5840
698	289485,2856	9105303,9510
699	289486,9984	9105306,8010
700	289489,5174	9105309,1200
701	289491,6513	9105310,5560
702	289507,8968	9105319,6710
703	289498,1239	9105333,1220
704	289497,0208	9105335,4450
705	289495,4043	9105340,2870
706	289494,5854	9105346,2910
707	289494,5403	9105350,6560
708	289495,1435	9105354,7580
709	289513,3827	9105439,7570
710	289528,5305	9105506,7410
711	289532,9844	9105526,4360
712	289533,0761	9105526,4160
713	289539,8772	9105556,4900
714	289547,5269	9105592,2830
715	289560,8711	9105654,7230
716	289564,7309	9105672,7830
717	289567,5005	9105685,7420
718	289570,0396	9105697,5770
719	289570,0633	9105697,6880
720	289572,1553	9105707,4390
721	289574,5903	9105718,7890
722	289588,2975	9105782,6800
723	289596,3063	9105820,0100
724	289609,1142	9105874,9020
725	289619,7974	9105872,6140
726	289637,8800	9105868,7430
727	289653,7320	9105865,3490
728	289684,4332	9105858,7760
729	289706,9777	9105853,9490
730	289724,2815	9105850,2730
731	289756,9534	9105843,3330
732	289785,8502	9105837,1940
733	289812,7239	9105831,4850
734	289833,8237	9105828,1680
735	289851,5020	9105828,5140
736	289956,0047	9105815,6740
737	289978,8807	9105813,2660
738	290034,0653	9105805,9600
739	290036,5886	9105805,5880
740	290038,6301	9105805,4870
741	290038,7776	9105804,7380
742	290039,1904	9105800,1520
743	290038,7776	9105795,5660
744	290037,8251	9105791,8900
745	290033,1957	9105773,0780
746	290033,0479	9105772,9500
747	290015,6042	9105701,5960
748	290015,5998	9105701,5780
749	290004,2865	9105658,1610
750	289993,9241	9105618,3930
751	289993,1396	9105614,9020
752	289991,7304	9105609,8950
753	289965,8102	9105501,1750
754	289961,1242	9105481,5200
755	289945,0671	9105414,1690
756	289939,8909	9105392,4580
757	289937,9825	9105384,3860
758	289926,1665	9105334,4110
759	289889,3037	9105178,5000
760	289889,1718	9105178,5570
761	289889,1718	9105178,5300
762	289882,6409	9105180,0270
763	289817,7391	9105194,9020
764	289798,5472	9105199,1090
765	289771,6647	9105106,7070
766	289762,4910	9105091,3090
767	289744,9310	9105026,5050
768	289744,9310	9104956,4280

769	289735,0047	9104878,5480
770	289732,9234	9104830,0530
771	289730,9550	9104784,1890
772	289730,9104	9104778,5740
773	289730,5613	9104734,5840
774	289732,1360	9104684,7820
775	289736,5962	9104616,4910
776	289742,7657	9104560,9660
777	289748,4742	9104509,5900
778	289756,5644	9104458,4140
779	289756,8921	9104456,8400
780	289779,1820	9104349,7520
781	289797,2917	9104262,7460
782	289799,4090	9104251,1460
783	289800,4416	9104245,4880
784	289811,2677	9104186,1740
785	289819,5352	9104122,0020
786	289821,7609	9104091,9070
787	289821,8815	9104090,2760
788	289824,0626	9104060,7830
789	289825,2437	9104015,7060
790	289824,7508	9103996,0800
791	289821,9268	9103996,0800
792	289821,9268	9103973,4110
793	289824,1815	9103973,4110
794	289823,0784	9103929,4880
795	289818,9447	9103875,7490
796	289820,5381	9103825,6040
797	289820,9592	9103812,3530
798	289816,4827	9103768,8090
799	289814,7091	9103761,8310
800	289818,2092	9103761,8310
801	289834,5921	9103762,2980
802	289849,4458	9103762,0940
803	289878,7463	9103761,6870
804	289896,6057	9103762,7980
805	289922,0851	9103766,0530
806	289936,6108	9103767,7200
807	289963,3231	9103770,0480
808	290002,9123	9103774,0140
809	290021,0139	9103775,8280
810	290019,1975	9103746,6890
811	289998,2298	9103744,4220
812	289993,1040	9103743,8670
813	289952,7652	9103739,5050
814	289921,5443	9103726,2760
815	289926,3164	9103719,9600
816	289919,3710	9103713,0150
817	289934,2539	9103693,5020
818	289915,0715	9103679,6110
819	289893,0731	9103690,3350
820	289887,6210	9103663,4050
821	289880,3449	9103664,3970
822	289875,7147	9103643,5610
823	289864,8006	9103645,2150
824	289862,1548	9103630,3320
825	289840,3266	9103633,3090
826	289835,6964	9103623,0560
827	289832,0584	9103607,1810
828	289793,1787	9103615,1340
829	289786,4571	9103581,8430
830	289818,1677	9103570,8010
831	289810,2302	9103546,3270
832	289781,6699	9103558,2950
833	289764,8663	9103486,4050
834	289845,6872	9103469,6890
TABELA 239 – ZRU 1 SETOR A – POLIGONO 10		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289957,0042	9100847,3750
2	289957,0324	9100838,1450
3	290008,7825	9100838,1450
4	290010,1055	9100838,1450
5	290029,4981	9100838,1450
6	290052,2226	9100839,9230

7	290097,2822	9100839,5940
8	290109,4489	9100839,5050
9	290109,5560	9100840,5300
10	290159,0662	9100840,7840
11	290181,1535	9100840,8970
12	290207,1952	9100841,0310
13	290232,2572	9100841,3080
14	290239,3178	9100836,5400
15	290251,4059	9100836,8950
16	290279,9848	9100837,7320
17	290285,3031	9100839,1080
18	290284,3342	9100800,1550
19	290273,8160	9100801,6950
20	290268,9003	9100710,7720
21	290265,8626	9100700,9040
22	290265,4075	9100699,3830
23	290265,4032	9100699,3680
24	290264,2402	9100694,9990
25	290264,2356	9100694,9800
26	290263,7743	9100692,9860
27	290262,3963	9100686,7370
28	290259,4048	9100685,4910
29	290259,0625	9100685,3470
30	290258,2935	9100685,0240
31	290242,6692	9100678,4030
32	290236,4188	9100675,6280
33	290232,5773	9100673,8430
34	290239,6062	9100673,9440
35	290240,0507	9100668,7070
36	290239,6860	9100667,3350
37	290239,6098	9100661,8770
38	290239,4656	9100651,5550
39	290239,3724	9100644,8820
40	290239,0713	9100623,3210
41	290239,4414	9100601,7970
42	290239,6241	9100600,4020
43	290239,9950	9100597,5710
44	290240,2907	9100595,3140
45	290243,9031	9100567,7370
46	290244,9093	9100567,9090
47	290254,5848	9100569,5680
48	290257,6166	9100550,4680
49	290260,6160	9100541,4890
50	290264,4916	9100520,6340
51	290262,0275	9100513,3090
52	290262,0938	9100512,9080
53	290262,5354	9100510,2350
54	290263,1867	9100506,2920
55	290264,1614	9100500,3930
56	290264,3698	9100499,1310
57	290264,4610	9100498,5790
58	290260,1832	9100496,9940
59	290268,7770	9100478,4320
60	290271,0800	9100471,1960
61	290254,3494	9100463,4210
62	290254,3560	9100457,0280
63	290254,2956	9100454,7150
64	290253,9459	9100448,6280
65	290253,5777	9100445,3470
66	290252,6798	9100439,6930
67	290251,3127	9100433,2640
68	290250,5234	9100430,2170
69	290243,6692	9100397,8850
70	290235,7248	9100360,4090
71	290232,4584	9100355,7650
72	290223,6405	9100326,7400
73	290217,7278	9100307,2780
74	290216,7114	9100303,9330
75	290214,9822	9100298,2410
76	290212,0777	9100287,0970
77	290207,8383	9100273,5820
78	290206,4097	9100269,0280
79	290205,2192	9100265,2330
80	290204,6587	9100263,4460
81	290202,5641	9100256,7680

82	290198,5385	9100243,9350
83	290193,1970	9100226,9060
84	290192,6042	9100224,6310
85	290190,8984	9100225,1830
86	290184,9391	9100205,2370
87	290176,1700	9100175,8870
88	290175,8324	9100174,7320
89	290175,8308	9100174,7270
90	290175,7846	9100174,5650
91	290169,3841	9100152,0190
92	290168,8930	9100148,0210
93	290168,4601	9100144,4970
94	290165,2450	9100137,7400
95	290147,9787	9100079,2050
96	290143,3498	9100063,7960
97	290141,7292	9100063,8930
98	290067,4564	9100067,2230
99	289959,5208	9100073,6260
100	289959,7688	9100075,0000
101	289960,9536	9100084,0440
102	289966,1981	9100141,9220
103	289971,2888	9100198,1000
104	289971,7982	9100202,3100
105	289972,7578	9100212,7210
106	289973,0129	9100216,7100
107	289974,2628	9100231,6900
108	289973,7211	9100237,7180
109	289966,9631	9100237,4760
110	289962,9631	9100236,4410
111	289960,8531	9100235,8860
112	289912,2830	9100223,2760
113	289907,2329	9100221,9660
114	289871,6069	9100212,8840
115	289870,7515	9100212,6690
116	289855,5976	9100208,8660
117	289854,1932	9100208,5140
118	289841,8720	9100205,4310
119	289840,3055	9100205,0390
120	289839,3727	9100204,8060
121	289838,7227	9100206,2160
122	289836,6627	9100210,6660
123	289830,3227	9100224,4060
124	289828,0827	9100229,2660
125	289823,6989	9100233,6820
126	289772,9249	9100340,6570
127	289742,3513	9100405,0720
128	289737,9406	9100414,3650
129	289711,2791	9100470,5380
130	289704,1698	9100486,2480
131	289701,1737	9100492,4950
132	289670,7521	9100555,9250
133	289721,2867	9100567,7740
134	289725,4458	9100568,7490
135	289740,3449	9100571,9370
136	289844,3961	9100594,2010
137	289879,7345	9100601,7620
138	289900,3649	9100606,1760
139	289905,9671	9100607,3750
140	289928,9324	9100612,4500
141	289927,7226	9100620,0640
142	289918,6019	9100701,8450
143	289918,5939	9100701,9170
144	289918,4755	9100733,0300
145	289918,3636	9100762,4350
146	289918,0444	9100846,3340
147	289918,3059	9100846,3210
148	289918,3024	9100846,9980
149	289924,9724	9100847,0080
150	289929,3024	9100847,0080
151	289946,1524	9100847,0280
152	289950,4424	9100847,0280
153	289957,0042	9100847,3750

TABELA 240 – ZRU 1 SETOR B		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292061,3002	9110745,9830
2	292118,9029	9110688,9690
3	292127,6015	9110680,3390
4	292137,2178	9110670,7970
5	292146,4979	9110661,5900
6	292157,4508	9110650,7220
7	292171,0016	9110637,2770
8	292177,1998	9110631,7440
9	292211,5873	9110601,0460
10	292241,6881	9110570,2470
11	292242,4012	9110569,5180
12	292229,5283	9110563,3760
13	292210,2916	9110555,5530
14	292192,5938	9110547,2170
15	292152,5559	9110529,6190
16	292142,6705	9110525,2740
17	292083,2658	9110497,2600
18	292068,4795	9110490,1410
19	292064,4080	9110488,1800
20	292056,7228	9110484,5630
21	292014,4022	9110464,6430
22	292000,7434	9110458,1230
23	291967,5337	9110442,2730
24	291880,7777	9110401,8570
25	291856,6154	9110390,3900
26	291790,6651	9110359,0900
27	291772,6544	9110349,9070
28	291731,1632	9110328,7520
29	291723,8930	9110325,1540
30	291720,9941	9110323,7200
31	291715,8571	9110321,2040
32	291711,7685	9110320,0510
33	291707,6798	9110319,6310
34	291705,6879	9110319,8410
35	291703,0670	9110320,1550
36	291696,9883	9110275,0240
37	291638,4351	9110214,3650
38	291631,9503	9110207,1790
39	291628,9152	9110206,6280
40	291625,4596	9110206,6280
41	291621,6474	9110207,4390
42	291619,4758	9110208,2980
43	291620,2318	9110207,4560
44	291621,9153	9110205,0520
45	291622,8928	9110202,9560
46	291624,0293	9110198,2540
47	291620,5285	9110193,7380
48	291616,3730	9110188,3740
49	291576,1588	9110136,0450
50	291545,5095	9110095,3100
51	291531,7451	9110076,9410
52	291531,7324	9110076,9520
53	291484,7985	9110017,4420
54	291464,6542	9109991,0890
55	291408,9524	9109918,2200
56	291358,1292	9109851,0380
57	291357,9294	9109850,7740
58	291319,3022	9109800,9760
59	291297,9667	9109773,5280
60	291251,0831	9109713,1870
61	291250,7489	9109712,7500
62	291224,4226	9109678,3110
63	291152,9129	9109584,7630
64	291135,6151	9109562,1350
65	291126,7895	9109550,5890
66	291126,7122	9109550,4760
67	291126,4201	9109550,6750
68	291071,6022	9109588,0510
69	290978,1084	9109651,7980
70	290976,4588	9109653,5860
71	290973,5387	9109658,7080
72	290971,7475	9109665,0620
73	290973,1389	9109669,2990

74	290975,0785	9109675,2040
75	290977,8465	9109682,3780
76	290979,0503	9109686,6420
77	290979,9071	9109689,6770
78	290987,3640	9109715,7510
79	290992,9460	9109735,2680
80	290995,2324	9109743,2620
81	290997,2215	9109756,9790
82	290999,2231	9109775,6380
83	290999,5012	9109779,0390
84	290999,5626	9109779,5550
85	290999,9678	9109786,6400
86	290999,6844	9109791,5950
87	291002,9208	9109794,9460
88	291004,5644	9109796,7560
89	291008,1272	9109801,8700
90	291012,5987	9109806,5810
91	291016,1613	9109809,8460
92	291019,1102	9109812,9040
93	291021,1853	9109814,8700
94	291023,1732	9109817,1520
95	291024,1342	9109818,2550
96	291028,7153	9109822,9710
97	291044,2536	9109838,9640
98	291090,5645	9109878,8040
99	291097,5898	9109884,5050
100	291098,9390	9109885,7120
101	291104,5165	9109891,1440
102	291110,8553	9109898,3460
103	291112,2402	9109900,2180
104	291116,5605	9109906,0600
105	291121,4005	9109913,8900
106	291138,1756	9109943,6770
107	291143,2472	9109952,5570
108	291183,1448	9110022,4070
109	291184,4281	9110024,7190
110	291211,0991	9110072,7680
111	291232,0977	9110111,2930
112	291234,6545	9110115,9840
113	291238,0116	9110121,8750
114	291254,5063	9110151,0440
115	291284,2191	9110203,5880
116	291312,1568	9110252,9940
117	291361,4328	9110334,1420
118	291367,1657	9110342,8860
119	291373,9685	9110351,8350
120	291381,3993	9110360,2700
121	291384,2319	9110363,1830
122	291395,7833	9110375,1750
123	291434,6407	9110415,5120
124	291457,1891	9110438,9200
125	291485,9852	9110467,3210
126	291493,8617	9110476,3140
127	291502,2538	9110485,1570
128	291583,1970	9110562,9050
129	291589,2327	9110569,6000
130	291719,1605	9110694,9490
131	291759,1452	9110645,8460
132	291792,8651	9110603,7350
133	291798,4370	9110598,8110
134	291807,6660	9110604,7390
135	291817,0715	9110611,7380
136	291826,6957	9110618,3000
137	291834,7888	9110624,8620
138	291843,1007	9110632,5180
139	291850,9750	9110641,0490
140	291858,2497	9110648,5760
141	291858,5177	9110648,9390
142	291862,9342	9110655,2360
143	291902,8325	9110711,6120
144	291907,4415	9110717,6700
145	291913,6622	9110725,8480
146	291937,1944	9110759,2550
147	291940,6351	9110764,1190
148	291967,4033	9110801,9630

149	291975,6959	9110811,0600
150	291982,9788	9110806,8080
151	291999,6009	9110795,7740
152	292015,7701	9110784,2750
153	292031,4602	9110772,1300
154	292046,6452	9110759,3590
155	292048,7175	9110757,5330
156	292061,3002	9110745,9830
TABELA 241 – ZRU 1 SETOR C		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	292129,0414	9104120,8800
2	292129,0442	9104120,8860
3	292129,0799	9104120,8710
4	292099,2253	9104043,8660
5	292095,6004	9104045,2620
6	292094,8976	9104045,2400
7	292093,3468	9104041,8040
8	292073,7029	9103996,6060
9	292060,1447	9103965,4100
10	292058,9020	9103962,7800
11	292034,3487	9103910,8180
12	292021,5658	9103882,4120
13	292009,3259	9103855,2130
14	292005,9462	9103847,7030
15	291983,2925	9103796,7110
16	291982,9908	9103796,0320
17	291946,5027	9103713,9000
18	291931,6415	9103680,4490
19	291903,7042	9103617,5640
20	291791,7485	9103366,6660
21	291769,2207	9103315,3670
22	291761,2483	9103297,2130
23	291736,1041	9103239,9570
24	291736,0482	9103239,8290
25	291753,6164	9103228,4950
26	291757,5583	9103225,9520
27	291761,8144	9103220,5350
28	291770,7522	9103209,1600
29	291774,2816	9103203,1590
30	291779,7464	9103190,5480
31	291781,8439	9103185,7070
32	291782,0545	9103176,0940
33	291782,1884	9103169,9820
34	291781,8751	9103164,1050
35	291781,3900	9103161,0940
36	291780,6522	9103156,5140
37	291778,6294	9103149,0970
38	291777,9946	9103147,2610
39	291776,1693	9103141,3210
40	291770,2245	9103123,8080
41	291768,9940	9103120,6440
42	291763,5214	9103106,5710
43	291756,0728	9103089,6420
44	291747,8928	9103073,0550
45	291745,1917	9103067,9510
46	291742,4935	9103061,7860
47	291685,6802	9102931,9670
48	291676,4146	9102911,5430
49	291668,9278	9102898,0400
50	291656,0755	9102876,7050
51	291637,3277	9102843,9660
52	291623,7128	9102821,1570
53	291541,9438	9102683,9550
54	291537,7966	9102676,8100
55	291488,0956	9102591,1820
56	291444,3345	9102515,7870
57	291437,9934	9102504,8530
58	291388,7047	9102419,8670
59	291383,5277	9102410,8700
60	291329,9247	9102317,7100
61	291329,8504	9102317,5820
62	291277,1140	9102226,6710
63	291224,3626	9102135,7340
64	291223,2854	9102133,8770

65	291125,7029	9101963,4600
66	291124,9256	9101961,9670
67	291122,2186	9101957,9620
68	291118,8737	9101954,4720
69	291118,3647	9101954,0340
70	291118,1052	9101953,7450
71	291117,9215	9101953,5360
72	291115,0872	9101949,7290
73	291112,7525	9101945,2800
74	291111,7252	9101942,5130
75	291039,9006	9101809,9890
76	291039,3260	9101808,9280
77	291026,5639	9101784,1140
78	291012,9709	9101756,0200
79	291003,7069	9101735,7440
80	290985,5160	9101737,0370
81	290875,8506	9101749,1060
82	290797,9086	9101757,6840
83	290755,0736	9101762,5010
84	290746,3826	9101763,4780
85	290707,6849	9101768,5690
86	290675,3583	9101772,8210
87	290608,0893	9101780,4940
88	290611,2457	9101816,1860
89	290612,4978	9101818,8130
90	290614,9141	9101823,8830
91	290617,9225	9101836,5560
92	290618,9442	9101866,0550
93	290616,9009	9101869,3760
94	290616,2954	9101871,6350
95	290618,9007	9101907,6090
96	290621,3175	9101915,6120
97	290623,3545	9101946,4280
98	290624,3967	9101962,1950
99	290623,1718	9101967,0130
100	290624,5315	9101985,9500
101	290623,7342	9101994,0370
102	290625,6049	9102002,5850
103	290625,8651	9102006,4870
104	290629,9693	9102016,5720
105	290633,2975	9102056,7400
106	290633,9738	9102064,9020
107	290632,4549	9102072,2200
108	290636,3911	9102126,4060
109	290638,9449	9102161,5610
110	290641,2366	9102173,3040
111	290641,2530	9102173,3330
112	290665,2195	9102213,8610
113	290670,6786	9102220,6210
114	290675,7593	9102226,1850
115	290676,3686	9102227,0650
116	290682,6651	9102236,1610
117	290686,3956	9102242,1050
118	290691,4539	9102250,2610
119	290695,7219	9102257,7540
120	290699,4419	9102264,9610
121	290699,6170	9102265,2500
122	290700,2203	9102266,5440
123	290700,5898	9102267,9230
124	290700,7142	9102269,3450
125	290700,6385	9102270,4560
126	290700,7419	9102272,5180
127	290701,5656	9102276,7920
128	290701,7167	9102277,2850
129	290724,5568	9102315,0030
130	290726,4755	9102318,1710
131	290732,1424	9102326,7830
132	290735,7165	9102329,8340
133	290740,3432	9102333,3200
134	290742,7556	9102337,2750
135	290747,7431	9102345,6500
136	290757,2208	9102360,3190
137	290758,3699	9102362,1360
138	290760,3374	9102366,3550
139	290760,5540	9102366,9740

140	290733,3942	9102380,6550
141	290682,1509	9102406,7040
142	290645,1327	9102425,5220
143	290672,0303	9102472,0700
144	290661,4470	9102477,0310
145	290685,7014	9102525,5720
146	290703,8841	9102559,3650
147	290708,8578	9102568,6090
148	290713,0720	9102572,2550
149	290731,3072	9102609,1430
150	290732,5068	9102611,5690
151	290734,4528	9102617,8040
152	290738,1167	9102622,7900
153	290792,2753	9102713,9720
154	290792,3418	9102714,0790
155	290925,7110	9102645,4660
156	291060,0064	9102576,3760
157	291115,0517	9102669,3330
158	291160,5168	9102746,1130
159	291167,3825	9102757,7070
160	291169,5700	9102761,4010
161	291224,0908	9102851,0320
162	291271,0877	9102928,2940
163	291280,4544	9102943,2930
164	291319,8864	9103006,4370
165	291327,6143	9103018,8120
166	291361,2271	9103074,9930
167	291395,5311	9103129,4990
168	291402,4453	9103141,5520
169	291406,4716	9103150,5330
170	291424,7762	9103180,6080
171	291435,9674	9103199,9340
172	291432,1576	9103201,5370
173	291443,6802	9103219,5940
174	291453,7411	9103235,3610
175	291461,4027	9103246,7600
176	291471,7740	9103262,0830
177	291478,9685	9103273,2020
178	291489,3398	9103289,2730
179	291491,4888	9103292,4500
180	291494,5722	9103295,8130
181	291502,1404	9103303,3820
182	291504,4763	9103306,3710
183	291506,4384	9103310,4830
184	291510,2692	9103317,3970
185	291514,9410	9103327,2070
186	291519,7416	9103336,1710
187	291524,1001	9103345,3570
188	291526,2466	9103351,1270
189	291530,7315	9103360,2830
190	291535,2264	9103369,8600
191	291536,8982	9103373,2710
192	291538,7069	9103381,6430
193	291538,7195	9103381,7170
194	291538,8603	9103387,1930
195	291539,7013	9103391,9580
196	291540,9159	9103395,6020
197	291546,8958	9103407,9350
198	291551,6609	9103418,4930
199	291553,6942	9103424,3680
200	291555,9536	9103428,0400
201	291560,1901	9103436,3710
202	291563,0144	9103443,4320
203	291565,4150	9103448,7980
204	291567,5332	9103453,1760
205	291572,8029	9103458,7060
206	291582,0783	9103469,2740
207	291585,1333	9103477,6090
208	291626,2064	9103525,2360
209	291776,2884	9103699,2640
210	291782,1913	9103704,8010
211	291890,0432	9103805,9670
212	291893,9157	9103809,6000
213	291897,0781	9103810,6630
214	291909,4860	9103838,1450

215	291926,7104	9103876,2960
216	291933,4206	9103890,8190
217	291956,1804	9103940,0760
218	291958,5088	9103945,1110
219	291981,8855	9103995,7090
220	292015,0673	9104067,5220
221	292017,9877	9104070,1700
222	292017,7061	9104083,9090
223	292013,7654	9104089,6970
224	292051,2070	9104171,7310
225	291911,0693	9104234,7190
226	291911,0882	9104234,7680
227	291911,3828	9104234,6360
228	291912,1246	9104236,3270
229	291917,9250	9104233,2030
230	291919,2547	9104236,1640
231	291928,6469	9104257,0830
232	291945,8780	9104295,4610
233	291947,0901	9104298,1610
234	291947,3745	9104298,7940
235	291944,6971	9104299,6870
236	291946,1398	9104303,0090
237	291959,4217	9104333,5980
238	291962,5450	9104331,8130
239	291967,7472	9104342,4380
240	291976,5514	9104360,4210
241	291977,8788	9104363,1320
242	291980,1439	9104370,9170
243	291981,9624	9104375,1380
244	291987,8224	9104388,7380
245	291988,8424	9104391,9880
246	291991,2424	9104397,7280
247	291992,2024	9104397,5880
248	291997,3824	9104395,3080
249	292012,7224	9104388,1780
250	292021,9225	9104384,3480
251	292025,3624	9104382,5280
252	292026,3567	9104382,1060
253	292045,7824	9104373,8580
254	292051,3824	9104370,8980
255	292062,2824	9104366,6980
256	292070,4524	9104362,7480
257	292080,0824	9104358,0880
258	292089,8324	9104353,3780
259	292098,5424	9104349,1780
260	292106,0824	9104345,3380
261	292116,6038	9104342,5760
262	292122,1753	9104341,0910
263	292123,0033	9104343,7520
264	292132,9424	9104395,8730
265	292134,7348	9104404,2060
266	292135,3900	9104407,5670
267	292143,8874	9104462,1030
268	292144,5189	9104466,1560
269	292153,7925	9104514,7520
270	292166,6992	9104591,9930
271	292175,5225	9104643,3660
272	292182,9061	9104682,4440
273	292185,6639	9104697,0700
274	292198,8487	9104769,2460
275	292200,8795	9104782,0690
276	292203,7115	9104794,7380
277	292211,3945	9104821,9390
278	292222,8546	9104862,1170
279	292237,1904	9104916,2720
280	292256,7913	9104985,8350
281	292264,6620	9105015,2990
282	292266,9875	9105024,0050
283	292275,8758	9105040,2710
284	292291,8656	9105100,6540
285	292298,9099	9105127,2560
286	292306,4986	9105137,6800
287	292280,9269	9105161,5560
288	292275,1963	9105166,3910
289	292264,2221	9105175,6500

290	292255,1511	9105183,3030
291	292249,2831	9105188,2860
292	292246,6736	9105191,7410
293	292244,7436	9105195,6170
294	292243,2864	9105201,6520
295	292243,1591	9105204,0930
296	292243,3730	9105207,2540
297	292245,7737	9105236,4570
298	292249,7488	9105285,6800
299	292250,4552	9105302,3650
300	292250,6374	9105306,6700
301	292250,6124	9105310,2160
302	292250,9813	9105313,3750
303	292251,9124	9105316,8500
304	292252,2127	9105317,9700
305	292254,2236	9105322,2820
306	292255,2691	9105323,7260
307	292257,5224	9105326,8370
308	292263,5790	9105332,0400
309	292296,5847	9105364,4480
310	292285,1726	9105375,5820
311	292271,9726	9105389,0170
312	292268,7934	9105391,9770
313	292229,9404	9105353,1450
314	292229,3749	9105352,3300
315	292228,9349	9105351,3860
316	292228,6655	9105350,3810
317	292228,4501	9105349,0780
318	292227,9722	9105348,2500
319	292226,2359	9105346,6650
320	292224,5304	9105345,1240
321	292213,2028	9105334,8860
322	292202,0312	9105328,7080
323	292195,9283	9105325,3580
324	292185,1506	9105342,3710
325	292165,8657	9105370,0640
326	292136,8676	9105409,7950
327	292114,4105	9105439,9720
328	292117,3275	9105442,7540
329	292124,7653	9105449,8480
330	292146,7038	9105470,7710
331	292171,2088	9105492,9920
332	292170,4648	9105493,7710
333	292137,0074	9105528,7950
334	292132,4815	9105525,0390
335	292132,1519	9105524,6330
336	292113,9241	9105508,8210
337	292108,1386	9105504,8380
338	292098,3750	9105498,1160
339	292094,0588	9105497,3620
340	292089,0234	9105496,7900
341	292083,7643	9105496,1920
342	292078,3233	9105496,6370
343	292068,2674	9105497,4600
344	292036,6784	9105503,6790
345	292006,4071	9105511,4450
346	291980,2339	9105519,8810
347	291970,8755	9105522,7970
348	291951,2302	9105491,9010
349	291949,9288	9105489,8540
350	291988,7945	9105450,8150
351	291986,3207	9105448,4250
352	291981,2924	9105443,5680
353	291979,0828	9105441,2770
354	291971,5124	9105433,4280
355	291963,3224	9105425,7980
356	291954,4555	9105435,0260
357	291950,6792	9105438,9550
358	291945,5424	9105444,5580
359	291941,6702	9105448,3300
360	291936,2424	9105453,9780
361	291933,3541	9105456,9830
362	291927,1224	9105463,4680
363	291925,0378	9105465,6360
364	291923,6424	9105467,0880

365	291916,7980	9105474,3650
366	291916,3624	9105474,8280
367	291909,1486	9105482,4440
368	291908,5424	9105483,0780
369	291905,8380	9105480,3970
370	291884,5124	9105459,2580
371	291880,4829	9105455,1220
372	291880,5635	9105455,0550
373	291881,2986	9105454,4450
374	291886,0024	9105448,4280
375	291883,9470	9105445,8190
376	291883,8601	9105445,7080
377	291883,2014	9105444,8720
378	291882,4024	9105443,8580
379	291879,0924	9105440,7380
380	291878,8049	9105440,4310
381	291875,4624	9105436,8680
382	291870,2850	9105432,0570
383	291869,9512	9105431,7470
384	291859,1143	9105421,6770
385	291847,6957	9105409,8330
386	291843,5956	9105405,5800
387	291835,5026	9105398,5840
388	291834,0299	9105400,0640
389	291830,3238	9105403,4910
390	291828,8764	9105402,2090
391	291827,4444	9105400,5750
392	291825,3028	9105400,4410
393	291823,5658	9105400,8110
394	291821,3154	9105401,8320
395	291813,5164	9105409,8330
396	291793,1068	9105430,7690
397	291781,5411	9105444,1580
398	291778,6189	9105447,5410
399	291773,7612	9105453,4910
400	291777,5676	9105458,1160
401	291768,1137	9105467,0920
402	291723,7358	9105509,2290
403	291713,8584	9105518,6070
404	291679,3217	9105551,4000
405	291668,1073	9105563,4150
406	291631,7607	9105600,5390
407	291630,1603	9105602,1380
408	291623,2676	9105608,3080
409	291616,1441	9105613,6480
410	291651,2878	9105694,6980
411	291666,7798	9105731,2620
412	291667,7755	9105731,6690
413	291712,6911	9105750,0460
414	291716,5167	9105752,3180
415	291721,4570	9105757,4680
416	291724,8231	9105757,7060
417	291729,8430	9105760,3570
418	291741,2321	9105766,2290
419	291753,3331	9105773,1100
420	291762,3494	9105778,4780
421	291775,1325	9105785,9530
422	291793,1357	9105797,9350
423	291825,3955	9105821,3560
424	291828,0059	9105820,6600
425	291833,1163	9105822,3010
426	291838,4447	9105826,0430
427	291842,2183	9105828,0270
428	291847,4357	9105832,3580
429	291886,2858	9105793,7870
430	291900,8072	9105777,4930
431	291905,4507	9105783,0650
432	291917,8940	9105793,7410
433	291920,8849	9105796,8780
434	291921,6803	9105797,5360
435	291978,7959	9105851,9180
436	291997,7556	9105870,6370
437	292010,2084	9105857,6360
438	292036,9752	9105829,7240
439	292045,6332	9105820,6950

440	292055,8203	9105829,7670
441	292063,9345	9105821,0080
442	292078,0898	9105805,7290
443	292095,9994	9105786,3960
444	292106,1744	9105775,9520
445	292134,9115	9105746,4560
446	292212,1252	9105667,9130
447	292243,6146	9105634,4530
448	292246,4818	9105631,4070
449	292275,4592	9105600,6160
450	292277,0689	9105598,9060
451	292302,0073	9105573,3610
452	292331,7306	9105542,9160
453	292353,4264	9105520,5350
454	292360,0935	9105513,6570
455	292378,3538	9105494,8210
456	292403,9958	9105468,3690
457	292463,3902	9105407,3950
458	292467,1449	9105403,4150
459	292515,5928	9105352,0550
460	292516,4206	9105351,1910
461	292536,9630	9105329,5280
462	292537,4689	9105329,0300
463	292566,6583	9105300,2880
464	292571,1345	9105295,4410
465	292606,1351	9105257,5350
466	292612,8579	9105250,7170
467	292627,6557	9105235,7100
468	292627,8739	9105235,5140
469	292631,9572	9105231,2860
470	292635,4123	9105226,5300
471	292638,1721	9105221,3400
472	292638,7786	9105219,6740
473	292640,1825	9105215,8170
474	292641,4047	9105210,0670
475	292626,3581	9105201,6620
476	292626,2375	9105191,0490
477	292622,9813	9105177,6630
478	292609,6132	9105126,6930
479	292601,2372	9105090,9340
480	292599,7817	9105088,4030
481	292597,0764	9105085,1070
482	292593,7801	9105082,4020
483	292591,3565	9105081,1060
484	292588,5352	9105080,5790
485	292556,4165	9105096,8240
486	292492,9232	9105162,4900
487	292490,4965	9105160,9620
488	292488,5192	9105160,0640
489	292486,6318	9105159,0750
490	292485,1039	9105157,8170
491	292483,2032	9105154,3860
492	292482,3092	9105152,4690
493	292481,7616	9105150,4260
494	292481,5781	9105148,4630
495	292478,3368	9105114,7410
496	292475,0553	9105069,8090
497	292451,0862	9104958,9050
498	292445,0657	9104930,6300
499	292444,2820	9104926,3220
500	292445,2960	9104924,1470
501	292446,6723	9104922,1820
502	292448,3689	9104920,4850
503	292450,3345	9104919,1090
504	292450,6489	9104918,9330
505	292450,2627	9104918,5200
506	292449,7483	9104917,7860
507	292449,3693	9104916,9730
508	292449,1372	9104916,1070
509	292449,0590	9104915,2130
510	292449,0591	9104915,1970
511	292449,1367	9104905,1180
512	292441,5382	9104868,7480
513	292434,4330	9104834,7390
514	292433,3409	9104829,5110

515	292430,8499	9104819,9380
516	292421,6056	9104784,4090
517	292403,6473	9104720,2510
518	292387,3960	9104660,3810
519	292383,9496	9104647,6840
520	292376,6769	9104620,8910
521	292373,9762	9104610,4790
522	292370,5167	9104597,1410
523	292355,7042	9104540,0340
524	292354,7506	9104536,5970
525	292345,9073	9104504,7280
526	292326,9144	9104436,2820
527	292317,0276	9104400,6520
528	292338,7776	9104393,3050
529	292316,6168	9104343,2050
530	292292,9307	9104291,0040
531	292270,3352	9104240,2120
532	292268,0726	9104232,9410
533	292245,8754	9104185,2740
534	292241,0980	9104173,4050
535	292233,3688	9104158,4180
536	292230,2963	9104151,8200
537	292227,8313	9104147,9040
538	292222,8642	9104141,2060
539	292217,7449	9104135,5580
540	292217,2646	9104135,0280
541	292212,6961	9104130,8880
542	292211,0862	9104129,4280
543	292204,3889	9104124,4610
544	292197,2369	9104120,1750
545	292191,9340	9104117,5730
546	292189,6991	9104116,6090
547	292187,8367	9104115,8640
548	292187,2409	9104115,6670
549	292179,7157	9104113,6510
550	292172,0211	9104112,4320
551	292170,3629	9104112,3450
552	292169,2885	9104112,2890
553	292164,2411	9104112,0240
554	292156,4612	9104112,4320
555	292148,7664	9104113,6510
556	292146,8805	9104114,1560
557	292141,4237	9104115,6180
558	292143,8987	9104114,4050
559	292129,0799	9104120,8710
560	292129,3407	9104121,5430
561	292129,0442	9104120,8860
562	292128,9086	9104120,9460
563	292129,0414	9104120,8800

TABELA 242 – ZAC PLANICIE 1 SETOR A

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291975,6959	9110811,0600
2	291967,4033	9110801,9630
3	291940,6351	9110764,1190
4	291937,1944	9110759,2550
5	291913,6622	9110725,8480
6	291907,4415	9110717,6700
7	291902,8325	9110711,6120
8	291862,9342	9110655,2360
9	291858,5177	9110648,9390
10	291858,2497	9110648,5760
11	291850,9750	9110641,0490
12	291843,1007	9110632,5180
13	291834,7888	9110624,8620
14	291826,6957	9110618,3000
15	291817,0715	9110611,7380
16	291807,6660	9110604,7390
17	291798,4370	9110598,8110
18	291792,8651	9110603,7350
19	291759,1452	9110645,8460
20	291719,1605	9110694,9490
21	291589,2327	9110569,6000
22	291583,1970	9110562,9050
23	291502,2538	9110485,1570

24	291493,8617	9110476,3140
25	291485,9852	9110467,3210
26	291457,1891	9110438,9200
27	291434,6407	9110415,5120
28	291395,7833	9110375,1750
29	291384,2319	9110363,1830
30	291381,3993	9110360,2700
31	291373,9685	9110351,8350
32	291367,1657	9110342,8860
33	291361,4328	9110334,1420
34	291312,1568	9110252,9940
35	291284,2191	9110203,5880
36	291254,5063	9110151,0440
37	291238,0116	9110121,8750
38	291234,6545	9110115,9840
39	291232,0977	9110111,2930
40	291211,0991	9110072,7680
41	291184,4281	9110024,7190
42	291183,1448	9110022,4070
43	291143,2472	9109952,5570
44	291138,1756	9109943,6770
45	291121,4005	9109913,8900
46	291116,5605	9109906,0600
47	291112,2402	9109900,2180
48	291110,8553	9109898,3460
49	291104,5165	9109891,1440
50	291098,9390	9109885,7120
51	291097,5898	9109884,5050
52	291090,5645	9109878,8040
53	291044,2536	9109838,9640
54	291028,7153	9109822,9710
55	291024,1342	9109818,2550
56	291023,1732	9109817,1520
57	291021,1853	9109814,8700
58	291019,1102	9109812,9040
59	291016,1613	9109809,8460
60	291012,5987	9109806,5810
61	291008,1272	9109801,8700
62	291004,5644	9109796,7560
63	291002,9208	9109794,9460
64	290999,6844	9109791,5950
65	290999,5625	9109793,7250
66	290999,0729	9109797,1490
67	290994,4816	9109809,6030
68	290992,9669	9109813,6790
69	290991,7940	9109816,1130
70	290989,9771	9109821,0510
71	290978,6260	9109850,5470
72	290966,5315	9109879,7460
73	290961,5532	9109891,1880
74	290955,1965	9109906,6100
75	290954,6096	9109908,2450
76	290954,0557	9109909,9560
77	290951,2541	9109918,6140
78	290950,1536	9109922,5080
79	290948,0856	9109930,3880
80	290943,6866	9109949,4030
81	290943,0152	9109952,6610
82	290940,0770	9109968,5820
83	290937,6140	9109985,1470
84	290936,3388	9109993,8500
85	290933,8245	9110007,2610
86	290831,9815	9110002,6200
87	290815,4437	9110002,1730
88	290806,8887	9110001,9880
89	290741,8502	9110000,9810
90	290737,3652	9110000,9110
91	290673,4689	9109998,8780
92	290662,7768	9109998,5380
93	290656,6427	9109998,3430
94	290647,8786	9109998,0640
95	290636,0868	9109997,6400
96	290636,2608	9109998,1060
97	290642,1788	9110015,1480
98	290664,9779	9110073,2310

99	290682,8076	9110119,6630
100	290685,2449	9110125,1420
101	290687,3674	9110129,9130
102	290724,9859	9110229,5660
103	290726,8600	9110237,9810
104	290720,9960	9110239,2460
105	290708,0279	9110241,8310
106	290699,5608	9110243,2720
107	290689,8175	9110249,1550
108	290686,3164	9110245,5270
109	290685,6447	9110245,6410
110	290670,2681	9110247,7880
111	290661,5873	9110248,6500
112	290650,3107	9110249,0530
113	290645,2581	9110248,9720
114	290639,0341	9110248,6500
115	290635,4993	9110248,3580
116	290573,4482	9110242,5180
117	290573,3819	9110242,5110
118	290502,0274	9110235,7960
119	290491,1491	9110361,7390
120	290490,7779	9110365,5390
121	290491,0085	9110371,1760
122	290489,0392	9110376,5630
123	290486,5438	9110382,0790
124	290483,2604	9110388,9090
125	290479,3594	9110392,0170
126	290479,1081	9110392,1870
127	290479,8044	9110393,7320
128	290459,2989	9110402,8480
129	290462,7963	9110410,3600
130	290495,0406	9110476,0740
131	290515,2673	9110517,2960
132	290542,9332	9110574,0780
133	290547,3090	9110583,0590
134	290560,5677	9110610,2720
135	290570,1484	9110629,9350
136	290590,3865	9110671,4320
137	290598,2098	9110687,5300
138	290600,1616	9110691,9170
139	290601,8575	9110695,7290
140	290598,5692	9110699,8220
141	290596,0821	9110702,9180
142	290586,8858	9110713,9200
143	290580,7452	9110721,3300
144	290575,8261	9110727,1520
145	290475,7783	9110846,8490
146	290470,0977	9110854,7930
147	290465,2866	9110861,5220
148	290407,9301	9110929,4300
149	290405,0917	9110932,7910
150	290399,4306	9110939,4930
151	290366,5568	9110980,0180
152	290354,4997	9110995,2040
153	290350,4696	9111000,2800
154	290302,3485	9111056,4740
155	290300,8093	9111058,2710
156	290296,7835	9111063,1870
157	290294,5510	9111065,8790
158	290294,1032	9111065,5250
159	290293,4418	9111066,3430
160	290293,8648	9111066,7500
161	290301,5312	9111072,3940
162	290388,4235	9111114,7900
163	290423,6608	9111133,1500
164	290427,1481	9111135,5490
165	290435,0054	9111140,9560
166	290479,6108	9111162,3010
167	290542,2897	9111192,2960
168	290580,3815	9111210,6250
169	290587,2905	9111213,5580
170	290594,1395	9111215,7510
171	290568,3348	9111284,1160
172	290566,6180	9111288,6650
173	290566,0563	9111290,1530

174	290559,0625	9111308,6820
175	290562,5425	9111309,9460
176	290566,4704	9111319,9160
177	290571,5557	9111329,1650
178	290573,5601	9111333,4630
179	290573,7229	9111333,7410
180	290577,2971	9111339,7660
181	290694,8671	9111318,6140
182	290684,2058	9111253,9200
183	290683,8986	9111252,0560
184	290681,6644	9111238,4980
185	290668,1706	9111205,4250
186	290809,3261	9111131,1880
187	291074,7037	9111025,0890
188	291132,7600	9111018,0160
189	291234,9555	9110985,9350
190	291198,2445	9110872,1640
191	291297,7942	9110832,4770
192	291441,7278	9110806,6140
193	291465,2096	9110828,1110
194	291473,1802	9110807,4740
195	291507,3512	9110739,6740
196	291642,5668	9110845,3090
197	291656,3781	9110870,0740
198	291662,8715	9110895,3150
199	291732,6878	9110884,7190
200	291834,8299	9110867,9970
201	291856,3241	9110862,4870
202	291881,2761	9110854,6680
203	291894,0568	9110850,2270
204	291912,5196	9110842,9600
205	291930,6727	9110834,9510
206	291949,9725	9110825,4080
207	291975,6959	9110811,0600

TABELA 243 – ZAC PLANÍCIE 1 SETOR B – POLIGONO 01

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	289429,9576	9109998,9370
2	289438,8200	9109944,4330
3	289439,0354	9109938,4350
4	289439,7942	9109917,3050
5	289439,7730	9109914,3660
6	289438,8850	9109882,0130
7	289438,4830	9109858,2020
8	289438,8261	9109854,4740
9	289440,0471	9109848,3350
10	289440,2165	9109847,7190
11	289449,8777	9109848,9280
12	289457,9992	9109850,7240
13	289456,7872	9109792,2550
14	289455,9263	9109744,9940
15	289455,6817	9109731,5700
16	289455,3066	9109669,9320
17	289455,1864	9109665,3360
18	289453,4679	9109599,6590
19	289453,3108	9109584,7630
20	289452,7325	9109529,9280
21	289451,5361	9109460,0320
22	289451,2589	9109443,8370
23	289449,7878	9109369,1490
24	289449,2946	9109336,6720
25	289449,2718	9109335,1680
26	289448,8118	9109304,8800
27	289448,3660	9109275,2240
28	289448,3619	9109274,6830
29	289448,7639	9109269,3200
30	289449,6056	9109265,3050
31	289440,9872	9109264,1460
32	289437,9831	9109263,7430
33	289438,0950	9109266,0560
34	289437,8616	9109268,3610
35	289437,2881	9109270,6060
36	289436,3873	9109272,7400
37	289435,1791	9109274,7160
38	289427,6383	9109283,6010

39	289407,2093	9109303,7560
40	289387,0272	9109322,9230
41	289377,4445	9109333,0470
42	289374,0069	9109335,9110
43	289357,1482	9109349,9580
44	289349,7792	9109357,2020
45	289350,6785	9109402,7380
46	289352,1727	9109462,2360
47	289330,0059	9109462,6790
48	289289,3827	9109462,4590
49	289271,8387	9109459,9350
50	289268,7652	9109459,1890
51	289264,2679	9109458,0980
52	289246,0532	9109453,6780
53	289222,2043	9109447,8900
54	289195,8973	9109441,8590
55	289166,2749	9109435,0680
56	289165,4338	9109434,8750
57	289163,0360	9109434,3620
58	289156,6638	9109433,3460
59	289157,8251	9109406,2260
60	289158,5126	9109394,2060
61	289161,0573	9109349,7190
62	289164,3446	9109298,9900
63	289169,3769	9109231,1950
64	289143,3139	9109228,6030
65	289132,5911	9109227,5360
66	289099,2111	9109224,8900
67	289044,9092	9109220,5860
68	289056,7298	9109214,4700
69	289085,0753	9109199,0910
70	289094,2525	9109194,1110
71	289157,5201	9109159,7840
72	289171,1783	9109152,3730
73	289199,1874	9109136,5770
74	289200,4168	9109134,2250
75	289201,6208	9109131,9920
76	289201,6228	9109131,9880
77	289203,0094	9109129,5720
78	289203,0110	9109129,5690
79	289204,0213	9109127,9020
80	289205,6758	9109125,2300
81	289207,0667	9109122,7510
82	289207,9688	9109120,7680
83	289207,3925	9109119,0800
84	289207,3906	9109119,0740
85	289206,4610	9109115,6320
86	289205,2163	9109113,7640
87	289201,3650	9109115,8850
88	289193,7579	9109101,8100
89	289193,4400	9109101,2220
90	289192,9547	9109100,5840
91	289192,3692	9109100,0350
92	289192,2321	9109099,9310
93	289191,5959	9109099,5370
94	289165,2152	9109092,9690
95	289142,8950	9109089,1200
96	289129,6399	9109087,5530
97	289109,1009	9109087,9760
98	289093,5566	9109089,2540
99	289085,4064	9109091,5510
100	289075,8231	9109093,9970
101	289068,3292	9109095,9110
102	289061,8795	9109097,5580
103	289038,6645	9109102,1800
104	289035,7061	9109102,8860
105	289018,9594	9109106,8820
106	288997,4842	9109111,4650
107	288980,3207	9109115,5450
108	288962,6277	9109119,7510
109	288961,7773	9109119,2100
110	288954,2981	9109121,8050
111	288951,3150	9109122,7750
112	288950,4175	9109123,1550
113	288950,4121	9109123,1570

114	288947,0348	9109124,4010
115	288921,1037	9109133,4250
116	288920,8219	9109133,4730
117	288920,8373	9109133,5170
118	288897,9083	9109141,4240
119	288894,1814	9109142,6290
120	288894,1751	9109142,6300
121	288888,4630	9109144,1700
122	288888,4567	9109144,1720
123	288880,5004	9109145,7280
124	288880,4939	9109145,7290
125	288877,6662	9109146,0990
126	288872,0676	9109109,0460
127	288865,5235	9109071,7320
128	288862,3076	9109052,7160
129	288861,1216	9109047,5860
130	288859,2314	9109042,9990
131	288858,7295	9109041,6890
132	288857,6234	9109038,8040
133	288853,6111	9109025,9710
134	288848,9306	9109010,0080
135	288848,8073	9109009,5870
136	288847,5739	9109005,3800
137	288847,3194	9109004,6240
138	288846,7768	9109003,0120
139	288837,6046	9108975,7720
140	288836,6229	9108972,8560
141	288834,0174	9108965,1180
142	288830,1448	9108952,1750
143	288829,4976	9108949,9220
144	288829,9674	9108949,7290
145	288829,9729	9108949,7270
146	288831,3161	9108949,2500
147	288856,7695	9108940,4030
148	288881,3633	9108931,8450
149	288884,9446	9108930,6820
150	288886,3521	9108930,1010
151	288886,3582	9108930,0990
152	288888,8341	9108929,2600
153	288888,8187	9108929,2160
154	288919,3650	9108918,5880
155	288944,7081	9108909,7070
156	288945,1759	9108909,5440
157	288955,3642	9108906,0300
158	288959,0948	9108904,8250
159	288959,1011	9108904,8230
160	288965,1562	9108903,2020
161	288965,1626	9108903,2010
162	288972,5440	9108901,7610
163	288972,5504	9108901,7600
164	288977,2808	9108901,1360
165	288977,2873	9108901,1350
166	288984,9657	9108900,6060
167	288984,9723	9108900,6060
168	288991,0767	9108900,6080
169	288991,0832	9108900,6080
170	288992,8849	9108900,7320
171	288996,6285	9108898,2260
172	288996,6341	9108898,2220
173	289000,7548	9108895,8530
174	289000,7605	9108895,8500
175	289007,5012	9108892,5060
176	289007,5072	9108892,5030
177	289013,2633	9108890,1260
178	289013,2694	9108890,1230
179	289020,7440	9108887,6370
180	289020,7516	9108887,6340
181	289025,2427	9108886,4470
182	289037,1649	9108883,5880
183	289050,6619	9108880,3430
184	289063,4486	9108877,2300
185	289064,0993	9108877,0730
186	289075,6297	9108874,3480
187	289076,3533	9108874,1790
188	289076,3568	9108874,1790

189	289083,4334	9108872,8270
190	289083,4399	9108872,8260
191	289086,4839	9108872,4280
192	289225,3548	9108852,2180
193	289233,9911	9108843,4610
194	289241,9769	9108835,3640
195	289257,3310	9108817,4650
196	289294,9151	9108774,4330
197	289301,8728	9108766,4670
198	289310,9082	9108756,1220
199	289339,5773	9108724,0670
200	289317,2586	9108705,0880
201	289303,4227	9108693,5810
202	289325,0689	9108663,2920
203	289341,6905	9108639,0090
204	289369,8096	9108597,9270
205	289370,0273	9108597,6090
206	289384,9598	9108576,2500
207	289393,2737	9108567,7170
208	289402,1060	9108563,1600
209	289403,8724	9108562,7560
210	289405,0837	9108562,9070
211	289403,4182	9108553,1670
212	289401,2985	9108542,9210
213	289391,7276	9108509,1980
214	289390,1464	9108503,7720
215	289370,6180	9108436,7700
216	289363,8362	9108412,3090
217	289358,4189	9108392,7710
218	289355,9144	9108383,7380
219	289342,8729	9108336,5250
220	289338,2332	9108322,9930
221	289333,3449	9108308,7360
222	289330,0181	9108296,6670
223	289324,2072	9108296,2380
224	289317,3072	9108296,1640
225	289171,4235	9108299,5590
226	289158,3196	9108299,8640
227	289118,9989	9108301,2510
228	289117,5815	9108301,3010
229	289097,3830	9108302,0140
230	289077,6293	9108302,7110
231	289050,7208	9108303,6610
232	289031,5628	9108304,3370
233	289028,5414	9108304,4040
234	289028,2021	9108290,1810
235	289009,7844	9108270,5990
236	288996,5433	9108261,3050
237	288995,6592	9108259,9770
238	288970,8390	9108235,7520
239	288968,0340	9108232,7650
240	288933,1364	9108195,5980
241	288961,2936	9108167,4050
242	288965,2306	9108163,7670
243	288970,3235	9108159,0600
244	288978,2211	9108151,7600
245	288986,2911	9108146,4280
246	288994,2169	9108141,1910
247	289016,6624	9108130,8790
248	289023,8901	9108127,3450
249	289063,6187	9108106,4460
250	289065,6663	9108115,6060
251	289107,9997	9108103,1700
252	289120,7172	9108105,2950
253	289109,4975	9108068,7260
254	289257,4598	9108024,5860
255	289274,3024	9108019,4150
256	289289,6697	9108014,3510
257	289298,4701	9108012,9320
258	289313,8944	9108005,9290
259	289333,8608	9107997,3180
260	289366,2581	9107980,5630
261	289381,6477	9107973,5670
262	289389,0955	9107970,3780
263	289379,6828	9107951,7590

264	289359,2798	9107913,0030
265	289354,1044	9107903,0960
266	289405,6765	9107877,2360
267	289413,6029	9107873,2610
268	289437,2504	9107860,5340
269	289424,0308	9107837,2150
270	289405,3930	9107802,2300
271	289392,7608	9107778,0570
272	289373,2016	9107741,7690
273	289456,6084	9107699,9870
274	289461,8052	9107697,4790
275	289399,5118	9107566,0260
276	289385,8227	9107537,1880
277	289367,5861	9107499,7220
278	289343,4122	9107450,0580
279	289339,5686	9107442,1610
280	289335,6909	9107434,4310
281	289298,4199	9107360,1260
282	289293,5763	9107350,2140
283	289350,2425	9107322,4280
284	289359,8284	9107317,7980
285	289335,2077	9107267,8220
286	289316,4975	9107230,4050
287	289289,8418	9107176,6660
288	289283,8197	9107124,0380
289	289283,8232	9107124,0370
290	289280,2559	9107113,1160
291	289276,4726	9107106,4180
292	289276,0567	9107095,0310
293	289275,6795	9107093,7740
294	289274,4749	9107089,7590
295	289292,2273	9107107,8600
296	289255,9024	9107069,1380
297	289154,6417	9107049,8440
298	289154,4457	9107053,0960
299	289152,2855	9107052,7300
300	289141,1183	9107053,0570
301	289135,8383	9107053,6000
302	289135,6089	9107053,6320
303	289076,7544	9107061,2200
304	289018,7352	9107068,8560
305	289013,8617	9107069,4980
306	289009,9634	9107070,0110
307	289001,3914	9107071,1390
308	288952,3723	9107078,6010
309	288948,8238	9107079,1420
310	288931,7450	9107082,1840
311	288913,8367	9107085,3750
312	288907,6901	9107086,0920
313	288893,0579	9107087,8000
314	288874,8229	9107089,9280
315	288872,2857	9107090,2240
316	288822,4788	9107097,7570
317	288794,0826	9107101,2400
318	288778,2566	9107103,1800
319	288757,6191	9107105,9590
320	288757,2190	9107106,0110
321	288738,6221	9107108,4650
322	288691,5746	9107114,0490
323	288685,8281	9107114,8320
324	288684,1931	9107115,0540
325	288649,7277	9107119,2320
326	288642,1922	9107120,3740
327	288641,3480	9107119,7240
328	288641,1016	9107120,4910
329	288606,2182	9107124,2140
330	288608,7614	9107154,7430
331	288609,1581	9107159,5050
332	288610,2379	9107172,4670
333	288610,5099	9107176,2720
334	288613,3164	9107215,5320
335	288614,6107	9107226,4880
336	288615,8266	9107236,7800
337	288616,8446	9107246,5380
338	288618,4241	9107258,8420

339	288619,8003	9107263,7900
340	288620,5258	9107266,3980
341	288620,8291	9107268,3100
342	288623,6113	9107285,2180
343	288627,2451	9107300,0100
344	288628,9173	9107309,0140
345	288635,1535	9107339,5560
346	288636,4436	9107344,7810
347	288625,2071	9107347,7310
348	288597,9674	9107353,8730
349	288593,4798	9107354,8920
350	288568,0979	9107360,6580
351	288534,9510	9107368,1870
352	288546,3887	9107413,4890
353	288549,5649	9107420,8320
354	288563,5377	9107454,8100
355	288555,9776	9107455,5510
356	288545,3344	9107455,5770
357	288544,8824	9107455,2780
358	288524,7917	9107455,8360
359	288534,0254	9107505,6000
360	288540,5654	9107540,6350
361	288543,8321	9107558,1340
362	288535,4655	9107560,5680
363	288533,1252	9107561,2480
364	288490,1527	9107573,7460
365	288493,5833	9107585,9210
366	288502,3836	9107615,7000
367	288506,6239	9107631,2010
368	288510,2169	9107643,4330
369	288510,6553	9107645,1250
370	288510,2619	9107647,0690
371	288510,2604	9107647,0750
372	288508,6395	9107653,1300
373	288508,6376	9107653,1370
374	288507,1220	9107657,6090
375	288489,1939	9107662,0180
376	288430,6029	9107676,4200
377	288390,1112	9107686,2270
378	288360,7851	9107692,9510
379	288344,5077	9107697,2920
380	288312,1494	9107705,9320
381	288300,7558	9107709,6240
382	288297,5529	9107710,7880
383	288294,5247	9107712,3610
384	288292,3118	9107713,9330
385	288291,6130	9107715,2720
386	288290,9247	9107716,8320
387	288290,3319	9107718,7080
388	288289,5748	9107721,1540
389	288288,9342	9107723,7160
390	288288,8612	9107725,4330
391	288288,8178	9107726,4530
392	288292,4865	9107734,8970
393	288295,5730	9107743,7490
394	288299,9406	9107756,6770
395	288303,9390	9107767,4740
396	288306,6078	9107776,2090
397	288310,0044	9107785,7920
398	288312,2863	9107792,8410
399	288314,8567	9107799,0140
400	288317,8894	9107807,6270
401	288320,5582	9107815,3910
402	288323,2269	9107823,3970
403	288324,7426	9107827,7550
404	288326,1383	9107831,7670
405	288328,1413	9107837,3710
406	288330,2628	9107843,1700
407	288332,0718	9107848,9040
408	288333,6584	9107853,9870
409	288335,1748	9107858,2650
410	288337,8124	9107865,8150
411	288341,4326	9107876,2620
412	288346,1388	9107889,8640
413	288348,8281	9107897,4140

414	288357,9632	9107922,5880
415	288361,7794	9107933,0520
416	288364,3424	9107940,0810
417	288370,8049	9107957,8020
418	288381,0325	9107988,0260
419	288381,3644	9107989,0170
420	288383,6110	9107995,7220
421	288394,3235	9108027,6950
422	288394,6407	9108028,8730
423	288395,8510	9108035,2170
424	288396,2137	9108039,5640
425	288351,6416	9108056,9880
426	288346,9251	9108058,7280
427	288318,5295	9108067,7390
428	288318,1214	9108069,3550
429	288317,7811	9108069,4800
430	288255,6517	9108091,1540
431	288238,0937	9108097,7170
432	288187,3771	9108116,6750
433	288172,4927	9108122,2390
434	288110,8958	9108143,3610
435	288102,2069	9108146,7060
436	288101,9907	9108146,7890
437	288092,4484	9108118,9800
438	288043,7351	9107980,5730
439	288037,5121	9107964,1430
440	288024,9291	9107931,4280
441	288023,9101	9107930,7450
442	288023,9048	9107930,7420
443	288023,6819	9107930,5700
444	288023,0180	9107926,4590
445	287986,9331	9107822,9880
446	287979,4856	9107801,6320
447	288003,5137	9107789,7280
448	288047,7405	9107767,8150
449	288048,3330	9107767,4940
450	288060,0091	9107761,8640
451	288095,1473	9107743,7270
452	288097,3581	9107742,5320
453	288133,0951	9107723,4020
454	288152,1408	9107713,3290
455	288172,2272	9107702,2610
456	288186,4965	9107693,2430
457	288203,8481	9107683,7680
458	288210,3534	9107680,0410
459	288215,8624	9107676,5580
460	288225,1091	9107671,8050
461	288243,9213	9107661,5510
462	288252,7876	9107655,3940
463	288266,4811	9107638,3830
464	288268,6453	9107636,0220
465	288271,0602	9107633,7220
466	288274,2532	9107632,2810
467	288311,0031	9107621,2590
468	288325,1579	9107617,3650
469	288371,9987	9107604,5870
470	288361,7086	9107561,9750
471	288354,7135	9107537,3100
472	288383,6206	9107531,4870
473	288400,3389	9107528,3780
474	288391,8230	9107487,3040
475	288392,8645	9107483,2660
476	288379,6522	9107450,2620
477	288379,6522	9107443,9120
478	288372,5084	9107416,6600
479	288372,5630	9107406,2770
480	288370,1433	9107397,5920
481	288354,0872	9107339,9670
482	288347,7680	9107318,8180
483	288334,8391	9107274,8790
484	288331,0953	9107261,7590
485	288317,5117	9107211,4690
486	288314,5291	9107204,0950
487	288311,9326	9107205,2640
488	288311,8606	9107204,9180

489	288250,4891	9107223,8520
490	288239,3184	9107227,2710
491	288168,3919	9107248,9800
492	288158,3398	9107252,0570
493	288156,3524	9107252,6650
494	288149,0832	9107254,8900
495	288105,0112	9107268,9080
496	288056,4881	9107284,3430
497	288045,3184	9107287,8710
498	287985,5540	9107306,7500
499	287982,1389	9107303,2860
500	287982,2013	9107303,4920
501	287982,7859	9107305,4900
502	287982,7868	9107305,4930
503	287983,8833	9107309,7490
504	287983,8848	9107309,7550
505	287985,1213	9107315,8880
506	287985,1224	9107315,8950
507	287986,0677	9107323,0350
508	287986,0684	9107323,0430
509	287986,4073	9107327,7370
510	287986,5118	9107329,8890
511	287986,6078	9107332,6570
512	287986,6079	9107332,6620
513	287986,5837	9107337,7740
514	287986,5835	9107337,7800
515	287986,0717	9107345,2980
516	287986,0710	9107345,3050
517	287985,7337	9107348,1070
518	287985,4456	9107350,2460
519	287984,8029	9107354,3660
520	287984,8018	9107354,3720
521	287984,0916	9107357,9870
522	287984,0905	9107357,9920
523	287983,2655	9107361,5080
524	287982,6135	9107364,0770
525	287981,0264	9107369,6480
526	287981,0239	9107369,6560
527	287979,6609	9107373,6660
528	287978,5726	9107376,6580
529	287977,4433	9107379,6160
530	287977,4417	9107379,6200
531	287975,7861	9107383,5180
532	287975,7834	9107383,5240
533	287972,9375	9107389,3370
534	287972,9340	9107389,3440
535	287972,1800	9107390,6760
536	287879,2609	9107415,7350
537	287810,8762	9107433,8670
538	287796,5830	9107439,2310
539	287754,6055	9107451,4960
540	287739,8072	9107455,8190
541	287741,2678	9107461,0480
542	287745,4871	9107478,6790
543	287744,5219	9107481,0950
544	287749,0054	9107499,3380
545	287750,2809	9107504,5280
546	287753,0546	9107515,8140
547	287754,4154	9107520,5690
548	287758,9172	9107536,3010
549	287764,2926	9107555,0860
550	287705,6281	9107571,9290
551	287705,6428	9107571,9710
552	287711,7489	9107590,3650
553	287713,1449	9107595,2660
554	287723,0089	9107629,8980
555	287725,2172	9107637,6520
556	287726,1227	9107640,8310
557	287729,1229	9107656,1600
558	287732,9214	9107670,0190
559	287733,2530	9107671,2290
560	287737,7314	9107687,5670
561	287752,3145	9107740,7720
562	287763,9774	9107783,3230
563	287774,4529	9107821,5420

564	287783,2366	9107853,5880
565	287794,9317	9107893,1490
566	287788,4438	9107896,4030
567	287799,3501	9107937,2860
568	287892,4761	9108237,5740
569	287896,2165	9108249,6350
570	287901,0101	9108265,0910
571	287957,6451	9108447,7130
572	287957,8958	9108448,5270
573	288028,8758	9108680,9000
574	288056,3927	9108763,7860
575	288103,5990	9108891,0940
576	288125,0358	9108961,5770
577	288142,8937	9109025,4290
578	288133,0193	9109027,9560
579	288131,2498	9109028,4090
580	288049,0213	9109049,4500
581	288048,9892	9109049,4580
582	288016,1606	9109059,3070
583	288001,2757	9109063,7720
584	287972,9214	9109072,2790
585	288072,4710	9109253,5190
586	288135,2486	9109218,1500
587	288137,2386	9109219,8530
588	288151,8462	9109227,0600
589	288155,3996	9109232,3820
590	288202,5894	9109303,0550
591	288221,9577	9109290,8150
592	288295,6235	9109244,2620
593	288341,6851	9109215,1540
594	288371,3219	9109210,2690
595	288371,7815	9109210,1930
596	288356,3139	9109182,6620
597	288347,0675	9109165,6630
598	288336,0426	9109145,3950
599	288324,3500	9109124,0610
600	288329,7875	9109123,7620
601	288341,1558	9109118,4220
602	288354,2351	9109111,7570
603	288378,9614	9109099,1560
604	288427,4486	9109074,4360
605	288467,7338	9109054,8270
606	288486,3886	9109045,8240
607	288523,7363	9109031,0610
608	288537,8296	9109065,7390
609	288537,8307	9109065,7410
610	288543,6829	9109080,7200
611	288555,0632	9109109,8390
612	288581,7422	9109093,3570
613	288608,9944	9109077,7900
614	288617,1261	9109071,7840
615	288634,1059	9109119,0700
616	288640,3901	9109135,7610
617	288681,0376	9109113,5720
618	288686,5273	9109110,7680
619	288702,5453	9109102,4630
620	288717,0836	9109095,7420
621	288717,2670	9109096,2620
622	288719,0523	9109095,6330
623	288719,2445	9109095,5650
624	288722,5178	9109094,4120
625	288737,8226	9109089,0210
626	288740,4858	9109088,1060
627	288755,8192	9109082,8380
628	288766,4704	9109073,1110
629	288798,9971	9109069,1360
630	288800,9026	9109075,6860
631	288809,0215	9109103,4640
632	288814,4324	9109121,9770
633	288816,8736	9109130,1410
634	288821,5780	9109145,8740
635	288830,8326	9109175,7600
636	288833,6530	9109184,8680
637	288852,0136	9109252,6630
638	288874,2373	9109317,3600

639	288877,0474	9109318,3140
640	288881,3357	9109331,3910
641	288884,8760	9109342,1870
642	288889,6636	9109356,9670
643	288894,2160	9109371,7010
644	288897,3432	9109381,8230
645	288898,4898	9109385,5340
646	288899,1074	9109388,2240
647	288901,1089	9109396,9420
648	288904,2677	9109410,7020
649	288905,6231	9109416,6060
650	288909,1397	9109431,9240
651	288913,0352	9109448,2870
652	288917,0293	9109463,8650
653	288922,9162	9109486,8240
654	288927,8620	9109505,9030
655	288932,3722	9109523,1730
656	288933,5187	9109526,5320
657	288933,7551	9109527,2250
658	288935,7278	9109533,0040
659	288940,8173	9109547,9150
660	288941,7845	9109550,7480
661	288947,2791	9109566,8460
662	288952,2714	9109581,4710
663	288956,6652	9109594,3440
664	288961,0282	9109606,4850
665	288961,0301	9109606,4910
666	288964,1650	9109615,2140
667	288964,7354	9109616,8020
668	288962,7531	9109621,3850
669	288925,9373	9109630,9730
670	288909,0263	9109636,6380
671	288900,1986	9109638,4740
672	288881,9541	9109641,6240
673	288880,2550	9109642,0110
674	288858,3464	9109646,2200
675	288840,0881	9109650,0640
676	288824,5204	9109653,3420
677	288820,2673	9109654,5400
678	288816,1264	9109656,0810
679	288812,1255	9109657,9560
680	288809,1916	9109659,5990
681	288806,3656	9109661,4210
682	288800,1607	9109665,1530
683	288794,1823	9109668,7490
684	288796,4415	9109672,8630
685	288798,9630	9109678,8240
686	288799,8643	9109680,9540
687	288804,8234	9109692,6490
688	288805,3518	9109693,8960
689	288806,1508	9109695,7800
690	288806,2787	9109696,6780
691	288808,6277	9109713,1690
692	288811,4036	9109729,3490
693	288814,2168	9109745,7450
694	288816,5553	9109759,3740
695	288818,9160	9109774,7220
696	288817,9328	9109774,8730
697	288807,4348	9109776,4880
698	288778,8247	9109781,5790
699	288751,0088	9109786,5290
700	288758,8043	9109816,1280
701	288762,1408	9109828,1650
702	288769,1867	9109853,5840
703	288754,5070	9109853,8540
704	288750,4628	9109853,9390
705	288671,3939	9109855,6010
706	288668,5823	9109855,8320
707	288664,2998	9109856,8710
708	288660,2912	9109858,7020
709	288659,3838	9109859,2540
710	288659,2107	9109859,3640
711	288657,6508	9109860,3160
712	288659,7449	9109866,2870
713	288681,3677	9109925,1420

714	288690,9608	9109947,4690
715	288691,6942	9109947,6870
716	288697,7810	9109948,8970
717	288703,9736	9109949,3030
718	288704,4670	9109949,3010
719	288707,8769	9109949,2650
720	288713,8960	9109949,2030
721	288804,9670	9109948,2560
722	288824,1375	9109948,0560
723	288883,4945	9109948,0560
724	288925,3684	9109948,0560
725	288950,6185	9109947,0710
726	288966,1769	9109946,4640
727	288967,9170	9109946,3960
728	288988,5758	9109945,5890
729	289024,0393	9109944,8510
730	289055,4123	9109972,4730
731	289056,2514	9109973,2120
732	289068,3514	9109983,8650
733	289073,4164	9109988,3250
734	289078,1801	9109992,5190
735	289078,1868	9109992,5250
736	289081,9085	9109995,8810
737	289085,7693	9109999,3630
738	289093,9286	9110006,7210
739	289120,6341	9110030,8050
740	289122,7153	9110032,6820
741	289126,7774	9110036,3460
742	289130,0791	9110037,9360
743	289137,9541	9110041,0890
744	289142,4411	9110042,5110
745	289142,2104	9110044,1260
746	289140,9635	9110048,9140
747	289138,9253	9110053,4240
748	289136,1543	9110057,5230
749	289134,6654	9110059,2280
750	289130,8726	9110063,2440
751	289115,4266	9110079,5980
752	289146,5542	9110106,6800
753	289164,1512	9110121,9910
754	289169,8632	9110127,5810
755	289208,1848	9110165,0950
756	289212,6702	9110169,6580
757	289217,3004	9110172,8330
758	289222,3127	9110175,7380
759	289206,3954	9110215,7820
760	289187,3884	9110261,9270
761	289185,4271	9110266,6890
762	289185,3594	9110266,8480
763	289181,4593	9110276,0020
764	289175,0340	9110289,0570
765	289170,4832	9110299,4280
766	289162,7573	9110313,1870
767	289156,6890	9110325,6520
768	289154,5266	9110329,3030
769	289154,5403	9110329,3120
770	289155,5787	9110330,0560
771	289170,4131	9110340,6680
772	289199,4603	9110359,5420
773	289223,0908	9110373,3820
774	289230,6088	9110377,3070
775	289236,3184	9110381,4960
776	289239,8409	9110385,1940
777	289252,4055	9110394,4610
778	289283,7327	9110418,1820
779	289301,2874	9110431,4220
780	289312,1634	9110439,2520
781	289315,4972	9110441,1570
782	289318,8309	9110441,4750
783	289322,7997	9110440,9980
784	289327,1402	9110440,0050
785	289313,9899	9110402,6880
786	289313,7263	9110401,9730
787	289311,7775	9110398,0600
788	289309,1429	9110394,5710

789	289308,3784	9110393,7710
790	289326,0004	9110337,6200
791	289345,8160	9110276,0550
792	289369,4093	9110205,3300
793	289375,6206	9110186,7110
794	289403,4604	9110097,5030
795	289410,3301	9110074,6630
796	289413,8832	9110062,8500
797	289429,4907	9110000,7930
798	289429,9576	9109998,9370

TABELA 244 – ZAC PLANÍCIE 1 SETOR B – POLÍGONO 02

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291975,6959	9110811,0600
2	291949,9725	9110825,4080
3	291930,6727	9110834,9510
4	291912,5196	9110842,9600
5	291894,0568	9110850,2270
6	291881,2761	9110854,6680
7	291856,3241	9110862,4870
8	291834,8299	9110867,9970
9	291732,6878	9110884,7190
10	291662,8715	9110895,3150
11	291656,3781	9110870,0740
12	291642,5668	9110845,3090
13	291507,3512	9110739,6740
14	291473,1802	9110807,4740
15	291465,2096	9110828,1110
16	291441,7278	9110806,6140
17	291297,7942	9110832,4770
18	291198,2445	9110872,1640
19	291234,9555	9110985,9350
20	291132,7600	9111018,0160
21	291074,7037	9111025,0890
22	290809,3261	9111131,1880
23	290668,1706	9111205,4250
24	290681,6644	9111238,4980
25	290683,8986	9111252,0560
26	290684,2058	9111253,9200
27	290694,8671	9111318,6140
28	290577,2971	9111339,7660
29	290583,7081	9111350,5730
30	290607,4184	9111389,2020
31	290622,6938	9111414,0890
32	290628,3586	9111424,1010
33	290634,7608	9111435,4180
34	290652,9386	9111464,9620
35	290676,6801	9111504,9680
36	290694,3338	9111534,7160
37	290702,5784	9111548,5570
38	290744,9094	9111619,2960
39	290752,5805	9111630,4630
40	290753,8777	9111632,4330
41	290763,3945	9111647,7140
42	290770,4358	9111660,0950
43	290774,3794	9111666,9910
44	290781,1960	9111677,5980
45	290788,0722	9111686,9850
46	290794,7063	9111695,5060
47	290810,1202	9111722,2740
48	290815,2210	9111731,4010
49	290818,5091	9111737,2840
50	290821,0549	9111741,8390
51	290825,7814	9111748,8180
52	290832,6311	9111759,7780
53	290838,6467	9111772,3860
54	290846,0573	9111788,9640
55	290868,2532	9111835,1340
56	290875,9495	9111851,2970
57	290876,1907	9111851,8030
58	290878,3073	9111855,7720
59	290880,2917	9111857,3590
60	290882,8053	9111858,2850
61	290886,2449	9111858,2850
62	290902,7594	9111857,8580

63	290907,4056	9111874,8650
64	290909,5854	9111879,4060
65	290912,4311	9111884,0080
66	290915,8218	9111889,6390
67	290919,2730	9111894,2400
68	290924,0572	9111900,9920
69	290928,4228	9111907,5010
70	290930,8835	9111911,6280
71	290932,8678	9111915,4380
72	290934,2966	9111918,9310
73	290938,5035	9111930,1230
74	290943,1866	9111941,6320
75	290944,6154	9111944,7280
76	290946,7585	9111949,0930
77	290950,6479	9111955,2850
78	290954,5373	9111960,5240
79	290958,8235	9111966,7940
80	290960,6432	9111968,6730
81	290966,2054	9111974,4140
82	290976,3654	9111983,0660
83	290991,1292	9111993,7020
84	290999,5430	9112000,6080
85	291002,1624	9112002,8300
86	291009,6236	9112006,8790
87	291018,3549	9112012,0380
88	291020,8155	9112014,8160
89	291025,0224	9112016,1650
90	291027,7212	9112015,8890
91	291036,8493	9112018,2290
92	291044,9456	9112019,8170
93	291051,6131	9112021,1660
94	291059,9503	9112021,4910
95	291060,3443	9112014,1810
96	291066,0129	9111940,9920
97	291067,0667	9111925,6470
98	291067,3398	9111925,6540
99	291072,8524	9111925,7850
100	291135,1936	9111936,7110
101	291142,9694	9111938,7090
102	291147,9534	9111939,9890
103	291190,3501	9111947,3930
104	291200,1333	9111949,1700
105	291206,3911	9111950,3070
106	291210,8467	9111951,1690
107	291281,2686	9111964,7910
108	291289,4274	9111966,2170
109	291290,4819	9111966,4010
110	291337,9521	9111974,6990
111	291349,5110	9111977,0650
112	291349,5609	9111976,5560
113	291407,7142	9111985,8550
114	291411,2121	9111967,9340
115	291457,2565	9111973,9940
116	291488,3741	9111979,8270
117	291495,2091	9111980,6360
118	291495,9927	9111980,7930
119	291509,5066	9111904,5710
120	291619,2774	9111923,6330
121	291627,3842	9111889,6210
122	291630,7486	9111876,5980
123	291635,0278	9111859,0520
124	291706,2033	9111874,1380
125	291717,0757	9111875,6910
126	291715,9931	9111816,4840
127	291729,3453	9111820,6730
128	291781,9106	9111830,8250
129	291782,8883	9111831,0130
130	291791,3133	9111832,6410
131	291838,6548	9111841,6480
132	291849,4576	9111812,8680
133	291850,9515	9111809,1130
134	291852,5578	9111805,4910
135	291852,6075	9111802,6750
136	291852,1978	9111794,5970
137	291850,9731	9111786,6030

138	291850,6295	9111785,0130
139	291841,6338	9111761,6220
140	291837,6269	9111750,4920
141	291832,9775	9111736,9270
142	291831,8319	9111733,4670
143	291825,7519	9111721,0120
144	291810,6553	9111691,3830
145	291807,8369	9111686,0690
146	291804,9959	9111680,7130
147	291794,8470	9111662,1270
148	291791,6077	9111656,3350
149	291774,7682	9111626,3920
150	291768,8812	9111615,9250
151	291753,2586	9111582,0570
152	291754,1432	9111581,6810
153	291759,5302	9111579,3870
154	291763,8852	9111577,5330
155	291782,1505	9111569,7570
156	291791,0845	9111566,6790
157	291800,6600	9111563,3810
158	291810,4008	9111557,7720
159	291816,7046	9111554,1140
160	291822,3858	9111550,6120
161	291827,9114	9111545,7090
162	291831,6470	9111541,1950
163	291851,3366	9111513,1780
164	291855,3057	9111507,8860
165	291862,0764	9111498,3910
166	291888,4476	9111459,2230
167	291885,9293	9111457,1210
168	291881,1519	9111452,3430
169	291878,7645	9111449,4600
170	291876,1598	9111446,1490
171	291873,7451	9111441,8260
172	291872,0957	9111437,1580
173	291871,2590	9111432,2780
174	291871,2590	9111427,3270
175	291871,7592	9111423,8890
176	291872,0957	9111422,4470
177	291873,7451	9111417,7790
178	291875,2495	9111414,0150
179	291879,0603	9111408,3160
180	291883,0396	9111404,8090
181	291885,8386	9111403,2920
182	291888,5702	9111400,9650
183	291893,6676	9111396,0060
184	291898,5185	9111389,6000
185	291901,8908	9111385,1820
186	291904,6898	9111382,4170
187	291906,0725	9111381,2700
188	291907,3202	9111380,6970
189	291908,3600	9111380,5080
190	291915,2461	9111385,5560
191	291919,9553	9111389,1050
192	291978,3607	9111435,0160
193	292037,5006	9111482,0020
194	292062,8990	9111498,4450
195	292109,9569	9111528,9080
196	292123,3935	9111537,6070

197	292129,8338	9111541,8480
198	292133,7284	9111544,4120
199	292162,6770	9111562,8410
200	292169,2141	9111566,9230
201	292235,0868	9111608,0540
202	292234,7917	9111608,5310
203	292264,2090	9111626,8990
204	292267,5975	9111628,7730
205	292270,4934	9111623,5380
206	292295,9822	9111582,3540
207	292300,9133	9111574,2420
208	292292,7902	9111567,9480
209	292216,6045	9111515,8340
210	292214,7509	9111514,5660
211	292221,9149	9111506,9550
212	292289,7683	9111434,8700
213	292337,6600	9111384,4680
214	292344,5466	9111377,2200
215	292349,9340	9111372,0060
216	292354,6162	9111367,4740
217	292392,2774	9111327,4560
218	292405,6468	9111313,2500
219	292421,9489	9111296,2280
220	292436,5649	9111280,9670
221	292437,4386	9111278,9090
222	292444,6436	9111260,3400
223	292445,4447	9111258,3080
224	292415,8726	9111232,1840
225	292442,2637	9111202,9720
226	292460,6104	9111220,4150
227	292461,1930	9111220,9680
228	292526,9273	9111297,3640
229	292520,1463	9111301,1930
230	292508,1950	9111314,4110
231	292514,2699	9111318,4480
232	292517,8361	9111320,3810
233	292521,1583	9111321,9250
234	292527,2906	9111324,0860
235	292530,9183	9111324,8810
236	292535,6104	9111325,8000
237	292552,3546	9111329,0790
238	292562,9720	9111296,9880
239	292567,4850	9111298,5450
240	292567,7112	9111298,6230
241	292577,2220	9111301,7470
242	292577,4496	9111301,0390
243	292578,7329	9111297,0420
244	292578,9470	9111297,1020
245	292586,3119	9111299,1380
246	292594,0326	9111302,1770
247	292601,2318	9111304,8180
248	292609,8440	9111271,5200
249	292613,1461	9111272,0410
250	292617,8980	9111273,4400
251	292681,1875	9111290,4580
252	292681,5204	9111289,5810
253	292683,3919	9111284,6480
254	292693,5241	9111260,5980
255	292695,7668	9111255,2750

256	292696,4101	9111213,4750
257	292692,9458	9111212,6260
258	292692,9541	9111210,6770
259	292693,3119	9111207,0970
260	292694,2826	9111202,4970
261	292695,1824	9111198,3920
262	292696,1322	9111194,0580
263	292698,1362	9111184,9140
264	292695,1390	9111184,3100
265	292704,2783	9111157,2960
266	292705,4312	9111152,6440
267	292743,1403	9111164,0590
268	292743,7666	9111162,1090
269	292754,6059	9111132,6350
270	292802,6976	9111001,8650
271	292760,4980	9110984,9630
272	292773,9022	9110961,5700
273	292834,8315	9110852,1060
274	292833,7173	9110851,5870
275	292811,6945	9110840,3440
276	292788,1759	9110830,0280
277	292751,7635	9110812,4410
278	292723,2246	9110799,9610
279	292694,6179	9110785,8950
280	292672,8470	9110775,1900
281	292653,4877	9110766,0970
282	292626,0595	9110752,3340
283	292615,8238	9110748,0690
284	292615,6760	9110748,3730
285	292614,1479	9110751,2880
286	292598,4738	9110781,1870
287	292607,8623	9110785,7190
288	292592,3876	9110814,1790
289	292608,5336	9110821,7040
290	292598,4370	9110838,2480
291	292585,9908	9110858,6430
292	292563,7907	9110887,5990
293	292555,1579	9110901,2830
294	292542,8680	9110918,4840
295	292534,4156	9110930,3130
296	292515,2909	9110957,0800
297	292514,9027	9110957,7440
298	292514,8529	9110957,7180
299	292511,6377	9110963,2200
300	292434,0055	9110926,3300
301	292412,2843	9110915,6580
302	292403,7567	9110911,4680
303	292280,7782	9110852,5130
304	292274,5811	9110849,7490
305	292268,4953	9110847,0350
306	292262,4949	9110844,6570
307	292254,9858	9110842,4720
308	292247,2918	9110841,0690
309	292242,8335	9110840,6250
310	292240,0711	9110840,5290
311	292234,4314	9110840,9320
312	292228,9063	9110842,1340
313	292226,0546	9110843,0910
314	292225,3952	9110843,2840

315	292218,8038	9110845,6830
316	292212,5354	9110848,8310
317	292206,6748	9110852,6860
318	292201,3014	9110857,1950
319	292200,4476	9110858,0160
320	292193,9512	9110865,8950
321	292193,6278	9110866,2610
322	292193,5939	9110866,2500
323	292192,3351	9110865,7740
324	292188,6292	9110863,7930
325	292186,0300	9110861,7500
326	292148,1826	9110827,5780
327	292078,4916	9110764,6540
328	292064,6924	9110752,1940
329	292061,3002	9110745,9830
330	292048,7175	9110757,5330
331	292046,6452	9110759,3590
332	292031,4602	9110772,1300
333	292015,7701	9110784,2750
334	291999,6009	9110795,7740
335	291982,9788	9110806,6080
335	291975,6959	9110811,0600

TABELA 245 – ZEC ENCRUZILHADA SETOR A – POLÍGONO 1		
Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291728,6191	9111042,259
2	291688,5391	9110958,637
3	291663,2525	9110901,846
4	291658,6926	9110893,555
5	291655,3763	9110872,414
6	291649,5729	9110853,76
7	291637,5514	9110839,666
8	291587,8073	9110799,456
9	291506,1802	9110739,384
10	291497,9287	9110735,445
11	291462,9542	9110720,528
12	291435,1992	9110805,803
13	291295,8959	9110831,997
14	291198,7274	9110872,941
15	291236,0999	9110987,704
16	291266,3141	9111083,93
17	291266,527	9111084,608
18	291242,5876	9111113,242
19	291232,9405	9111125,24
20	291234,1023	9111127,458
21	291243,7067	9111145,793
22	291298,9386	9111234,098
23	291325,9261	9111270,479
24	291362,4387	9111309,108
25	291383,3408	9111324,189
26	291421,7055	9111350,912
27	291475,9452	9111383,985
28	291523,0411	9111412,56
29	291527,4067	9111415,338
30	291550,6901	9111432,536
31	291577,5733	9111387,581
32	291578,9896	9111388,301
33	291597,9165	9111352,126
34	291586,3787	9111328,313
35	291598,102	9111271,111

36	291595,2901	9111244,004
37	291603,498	9111226,026
38	291609,2656	9111196,563
39	291627,0514	9111161,3
40	291620,6341	9111157,374
41	291625,2011	9111143,663
42	291628,1317	9111134,865
43	291633,4162	9111132,92
44	291638,7753	9111129,706
45	291640,0046	9111122,399
46	291638,7965	9111116,358
47	291642,5007	9111102,6
48	291644,5115	9111096,462
49	291675,9427	9111077,014
50	291685,2026	9111070,765
51	291724,7654	9111044,068
52	291728,6191	9111042,259

TABELA 246 – ZEC ENCRUZILHADA SETOR B – POLÍGONO 2

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	291506,1802	9110739,384
2	291587,8073	9110799,456
3	291637,5514	9110839,666
4	291649,5729	9110853,76
5	291655,3763	9110872,414
6	291658,6926	9110893,555
7	291663,2525	9110901,846
8	291688,5391	9110958,637
9	291728,6191	9111042,259
10	291733,4282	9111040,001
11	291764,8624	9111022,925
12	291809,3125	9110986,73
13	291860,3332	9110939,729
14	291953,4733	9110868,941
15	292003,6229	9110838,458
16	291999,5216	9110833,943
17	291988,1943	9110820,904
18	291975,5063	9110810,18
19	291956,5598	9110786,737
20	291949,2475	9110776,388
21	291949,1996	9110776,32
22	291910,0285	9110720,877
23	291861,6081	9110653,849
24	291837,4903	9110627,821
25	291798,7182	9110599,617
26	291791,4131	9110603,57
27	291719,7779	9110694,959
28	291593,3823	9110576,639
29	291588,9671	9110571,122
30	291578,4896	9110595,57
31	291550,5495	9110652,402
32	291522,8828	9110713,483
33	291517,218	9110724,479
34	291506,1802	9110739,384

TABELA 247 – ZEC BOA VIAGEM SETOR A – POLÍGONO 1

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290698,6839	9100691,793
2	290665,2907	9100617,033
3	290664,3113	9100617,334
4	290639,611	9100562,503
5	290640,7831	9100562,166

6	290602,625	9100476,738
7	290599,487	9100477,292
8	290594,6567	9100478,143
9	290529,8103	9100489,576
10	290370,4525	9100517,673
11	290366,2044	9100568,492
12	290368,3777	9100581,398
13	290370,6839	9100595,094
14	290372,8603	9100608,018
15	290387,7667	9100650,613
16	290414,344	9100726,556
17	290424,8219	9100768,406
18	290425,0886	9100769,471
19	290437,7648	9100872,015
20	290438,4376	9100877,457
21	290438,4903	9100877,658
22	290450,0413	9100921,628
23	290460,2841	9100960,618
24	290470,4775	9100989,2
25	290473,6892	9100987,995
26	290582,4551	9100947,191
27	290511,2722	9100752,255
28	290571,0569	9100741,2
29	290646,1746	9100716,113
30	290695,1328	9100693,437
31	290698,6839	9100691,793

TABELA 248 – ZEC BOA VIAGEM SETOR B – POLÍGONO 2

Ponto	Coordenadas E (m)	Coordenadas N (m)
1	290875,8506	9101749,106
2	290936,8626	9101742,392
3	290936,9166	9101742,386
4	290985,516	9101737,037
5	291003,7069	9101735,744
6	290990,8229	9101700,28
7	290990,6162	9101699,711
8	290970,0775	9101643,176
9	290910,0586	9101472,538
10	290909,9334	9101472,182
11	290890,9796	9101418,295
12	290833,9737	9101250,823
13	290833,6604	9101249,903
14	290784,4122	9101105,222
15	290784,1878	9101104,563
16	290765,607	9101049,976
17	290742,6084	9100979,013
18	290739,1091	9100971,979
19	290724,202	9100927,247
20	290715,943	9100902,744
21	290703,7289	9100868,664
22	290690,7611	9100834,863
23	290681,5049	9100812,251
24	290681,3135	9100811,783
25	290677,0462	9100801,358
26	290676,4069	9100799,847
27	290662,5908	9100768,167
28	290661,9632	9100766,77
29	290642,1565	9100717,776
30	290642,0479	9100717,507
31	290642,0421	9100717,494
32	290642,0104	9100717,504
33	290626,2099	9100722,781

34	290626,1859	9100722,789
35	290601,6796	9100730,973
36	290601,5669	9100731,011
37	290592,6617	9100733,985
38	290571,0569	9100741,2
39	290548,78	9100745,319
40	290548,669	9100745,34
41	290515,2562	9100751,518
42	290511,2722	9100752,255
43	290519,2993	9100774,237
44	290519,3821	9100774,464
45	290533,0261	9100811,828
46	290533,1129	9100812,066
47	290545,6621	9100846,432
48	290545,7115	9100846,568
49	290571,1965	9100916,359
50	290571,247	9100916,497
51	290581,9296	9100945,752
52	290582,4551	9100947,191
53	290579,7759	9100948,196
54	290605,6151	9101021,646
55	290569,4125	9101034,995
56	290553,9365	9101040,701
57	290550,5392	9101041,954
58	290553,4482	9101049,9
59	290567,9099	9101089,591
60	290564,9052	9101090,726
61	290556,716	9101093,818
62	290558,9793	9101099,879
63	290559,2776	9101100,678
64	290560,6575	9101104,374
65	290561,4033	9101106,375
66	290561,4251	9101106,432
67	290566,9477	9101121,255
68	290568,9763	9101126,613
69	290563,6288	9101128,287
70	290529,4292	9101141,504
71	290528,6625	9101141,8
72	290525,6635	9101142,959
73	290517,7043	9101146,139
74	290528,4886	9101174,948
75	290534,2859	9101190,434
76	290534,6988	9101191,537
77	290548,8184	9101229,256
78	290512,55	9101241,452
79	290512,2432	9101248,492
80	290511,2418	9101248,776
81	290516,3962	9101269,35
82	290526,6741	9101310,374
83	290527,2863	9101314,594
84	290527,2977	9101314,672
85	290528,7283	9101318,574
86	290532,8441	9101329,799
87	290535,4152	9101336,68
88	290526,6514	9101340,947
89	290515,9096	9101344,981
90	290517,6067	9101348,656
91	290518,0839	9101349,906
92	290520,7227	9101356,819
93	290520,7511	9101356,893
94	290526,8582	9101372,893
95	290531,7063	9101385,594

96	290537,9371	9101401,553
97	290538,2032	9101403,035
98	290540,1833	9101414,061
99	290541,6486	9101422,221
100	290542,5284	9101427,12
101	290543,0669	9101430,118
102	290544,3052	9101437,976
103	290542,913	9101438,141
104	290529,499	9101440,623
105	290530,6055	9101448,889
106	290531,5267	9101453,978
107	290535,8446	9101477,831
108	290536,8717	9101477,645
109	290537,7544	9101477,485
110	290538,1944	9101480,567
111	290540,8417	9101499,093
112	290541,9865	9101508,972
113	290542,1317	9101509,959
114	290542,6616	9101513,564
115	290543,6794	9101520,487
116	290544,0596	9101523,073
117	290545,1999	9101530,83
118	290549,3444	9101530,222
119	290549,9254	9101534,156
120	290550,3102	9101536,762
121	290550,4051	9101537,405
122	290551,1539	9101542,476
123	290551,2767	9101543,308
124	290551,9981	9101548,194
125	290552,3744	9101550,742
126	290552,424	9101551,078
127	290552,9683	9101554,764
128	290553,6883	9101559,639
129	290554,6964	9101565,46
130	290554,7338	9101565,454
131	290572,7981	9101562,734
132	290577,4523	9101626,444
133	290581,5163	9101673,18
134	290584,2852	9101707,947
135	290576,3093	9101708,74
136	290577,1281	9101716,199
137	290577,4242	9101719,339
138	290578,4437	9101728,108
139	290580,4945	9101746,671
140	290597,8408	9101744,695
141	290598,2099	9101747,74
142	290600,4137	9101765,921
143	290600,5562	9101767,096
144	290601,5555	9101775,339
145	290602,0903	9101780,876
146	290608,0893	9101780,494
147	290675,3583	9101772,821
148	290680,5241	9101772,142
149	290692,5769	9101770,556
150	290693,1782	9101770,477
151	290707,6849	9101768,569
152	290746,3826	9101763,478
153	290755,0736	9101762,501
154	290797,9086	9101757,684
155	290832,0846	9101753,923
156	290832,5703	9101753,87
157	290875,8506	9101749,106